

USAFETAC/DS-79/019

MA070151

**DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)**

**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

KEESLER AFB MISSISSIPPI/BILOXI WBAN # 13820

N 30 24 W 088 55 FLD ELEV 26 FT KBIX WMO #

PARTS A-F

POR FROM HOURLY OBS: MAY 42-SEP 68, NOV 68-DEC 74

POR FROM DAILY OBS: MAY 42-SEP 68, NOV 68-DEC 74

JUL 16 1975

**FEDERAL BUILDING
ASHEVILLE, N. C.**

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Michael W. Preston

MICHAEL W. PRESTON
SMSgt, USAF
USAFETAC Reviewer

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
Scientific & Technical
Information Officer

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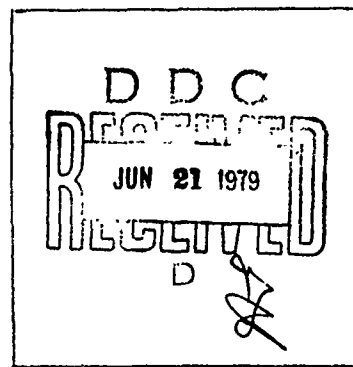
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19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperature Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme 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 Keesler AFB, Biloxi, Mississippi 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. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Mississippi

* Keesler AFB MS

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.

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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.

U S AIR FORCE
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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY 13820	STATION NAME KEESLER AFB MISSISSIPPI/BILOXI	LATITUDE N 30 24	LONGITUDE W 088 55	FIELD ELEV (FT.) 26	CALL SIGN KBIX	WMO NUMBER
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARD.	
1.	Keesler Field, Biloxi Miss.	AAF	May 42	Mar 44	N 30 24	W 088 55	11	24	24
2.	SAME	same	Apr 44	Dec 47	same	same	13	25	24
3.	Keesler AFB, Miss.	AFB	Jan 48	Mar 53	same	same	same	same	24
4.	SAME	same	Apr 53	Mar 55	same	same	16	same	24
5.	SAME	same	Apr 55	Mar 63	same	same	16	26	24
6.	SAME	same	Apr 63	Aug 65	same	same	26	26	24
7.	SAME	same	Sep 65	2Sep 68	same	same	same	same	17 to 18
8.	Gulfport Nap, Miss.	NWS	3Sep 68	1Nov 68	same	W 089 04	28	N/A	17 to 19
9.	Keesler AFB, Miss.	AFB	2Nov 68	Dec 74	same	W 088 55	26	26	17 to 19

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Mar 42	Located on Hangar #5	Anemometer	N/A	59ft	
2.	Jun 48	Not Available	Selsyn	ML-144	N/A	
3.	Jan 51	Located on top of Hangar #5	same	same	61ft	
4.	Apr 58	Located at the intersection of the 2 Rnwys about 1/3 mile W of the Weather Station.	AN/GMQ 11	RO-2	13ft	
5.	Apr 60	Located 850ft NE of NW-SE Rnwy centerline and 850ft NW of NE-SW Rnwy centerline.	AN/GMQ 11	RO-2	13ft	

SURFACE RADAR EQUIPMENT INFORMATION

	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	Ht ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
1. Apr 64	Dual Instrumented 1) Located 1000ft NE of end of Rwy 03 and 500ft from center of Rwy. 2) Located 450ft NE of end of Rwy 21 and 500ft from center of Rwy.	same	same	same	
2. Nov 68	Dual Instrumented 1) Located 1150ft N and 80ft E of end of Rwy 03. 2) Located 70ft N and 675ft E of end of Rwy 21.	same	same	same	
3. Apr 69	Dual Instrumented 1) Located 500ft NW of centerline and 1100ft off end of Rwy 03. 2) Located 680ft E of centerline and 680ft off end of Rwy 21.	same	RO-362	same	
4. Jan 71	Dual Instrumented 1) SAME 2) SAME	AM/GMQR20	same	same	
5. Dec 71	1) SAME 2) SAME	same	same	same	

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A

PART A

WEATHER CONDITIONS

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

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

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

Thunderstorms - All reported occurrences of thunderstorms, 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.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820 KEESLER AFB MISSISSIPPI/SILOXI 42-74 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.5	9.1	.1	.1		9.3	22.2	7.2		.1	28.4	22710
FEB		.7	8.8	.0	.2	.0	9.0	18.4	8.9		.2	26.6	20542
MAR		1.7	8.3		.0	.0	8.3	17.7	8.3	.0	.3	25.4	21891
APR		1.8	5.4				5.4	10.1	7.3		.3	16.8	21435
MAY		2.0	4.0			.0	4.0	2.4	5.0		.0	7.0	22679
JUN		3.6	4.7				4.7	1.4	5.0		.0	6.0	21879
JUL		5.1	5.9				5.9	1.3	4.4		.0	5.2	23300
AUG		4.4	5.4				5.4	1.7	5.7		.0	7.0	23504
SEP		2.0	7.8				7.8	4.0	5.4		.0	8.7	22148
OCT		.5	3.7				3.7	6.3	6.3			11.7	22595
NOV		.6	5.9				5.9	10.9	7.3			17.2	22618
DEC		.5	8.4	.0	.1		8.5	18.5	8.2		.1	25.5	22618
TOTALS		2.0	6.5	.0	.0	.0	6.5	9.6	6.6	.0	.1	15.5	267919

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WEATHER CONDITIONS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-74 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	.8	8.7	.2			8.9	27.0	5.3		.1	31.4	2245
	03-05	.5	7.9	.1	.0		8.1	29.7	4.5			33.1	2468
	06-08	.3	9.4	.1	.3		9.8	29.7	5.3			33.3	3059
	09-11	.2	8.5	.2	.1		8.7	20.6	8.1		.1	28.1	3061
	12-14	.6	9.1	.2	.1		9.4	14.8	8.8		.2	23.0	3070
	15-17	.6	9.9	.1	.1		10.1	14.5	9.9		.2	23.3	3051
	18-20	.6	10.1	.0	.1		10.2	17.7	8.8		.2	25.8	3022
	21-23	.5	8.9	.1	.1		9.1	22.2	7.2		.1	29.3	2734
TOTALS		.5	9.1	.1	.1		9.3	22.2	7.2		.1	28.4	22719

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI 43-74 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	.6	9.5				9.5	24.3	7.9		.1	31.2	2050
	03-05	.6	8.8	.1			8.9	26.0	6.0		.0	30.7	2213
	06-08	.8	9.3		.2		9.4	25.9	7.9		.1	32.2	2757
	09-11	.4	8.0		.1		8.0	18.8	8.9		.1	27.0	2766
	12-14	.5	7.5		.4		7.7	10.9	9.4		.4	20.2	2778
	15-17	.5	8.4		.5	.0	8.8	10.0	11.3		.4	21.0	2750
	18-20	.8	9.6		.4		10.0	13.5	11.4		.1	24.6	2735
	21-23	1.0	9.3		.0		9.3	17.8	8.5		.2	26.0	2493
TOTALS		.7	8.8	.0	.2	.0	9.0	18.4	8.9		.2	26.6	20542

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-74 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	1.6	8.3				8.3	23.4	6.2		.3	29.4	2138
	03-05	2.0	8.3		.0		8.3	25.9	5.0		.3	30.5	2362
	06-08	1.9	8.4		.1		8.4	26.5	8.0		.1	33.3	2989
	09-11	1.5	8.1				8.1	15.2	8.2		.5	22.8	2957
	12-14	1.7	8.1				8.1	10.2	9.6	.0	.4	19.3	2928
	15-17	1.4	8.9		.0	.0	8.9	10.6	10.3	.0	.2	20.1	2941
	18-20	1.6	8.2				8.2	13.6	10.4		.3	23.1	2927
	21-23	2.2	8.1				8.1	16.4	8.5		.3	24.3	2649
TOTALS		1.7	8.3		.0	.0	8.3	17.7	8.3	.0	.3	25.4	21891

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820 KEESLER AFB MISSISSIPPI/BILDXI 43-74 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OP SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	2.4	5.9				5.9	14.2	5.4		.2	19.3	2116
	03-05	1.9	5.7				5.7	18.6	5.2		.1	23.1	2319
	06-08	1.7	5.5				5.5	17.9	8.5		.0	24.2	2934
	09-11	1.3	5.1				5.1	6.4	8.1		.2	14.1	2899
	12-14	1.6	5.6				5.6	3.8	7.2		.4	11.0	2887
	15-17	1.3	4.7				4.7	4.1	8.9		.4	12.6	2892
	18-20	2.4	5.8				5.8	6.8	8.7		.4	14.8	2838
	21-23	1.8	4.9				4.9	9.1	6.2		.4	15.1	2550
TOTALS		1.8	5.4				5.4	10.1	7.3		.3	16.8	21435

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WEATHER CONDITIONS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 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	2.0	2.8				2.8	2.1	3.7		.1	5.9	2250
	03-05	2.3	4.2				4.2	7.1	5.7		.1	11.6	2619
	06-08	1.2	3.9				3.9	5.8	8.1		.0	12.5	3096
	09-11	1.5	3.7				3.7	.9	4.5			5.2	3062
	12-14	2.1	5.2			.0	5.2	.8	3.9			4.5	3056
	15-17	2.1	4.2				4.2	.9	4.5		.1	5.3	3045
	18-20	2.1	4.1				4.1	.9	5.4			6.1	3015
	21-23	2.4	3.7				3.7	.9	4.0			4.7	2536
TOTALS		2.0	4.0			.0	4.0	2.4	5.0		.0	7.0	22679

DATA PROCESSING BRANCH
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WEATHER CONDITIONS

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	2.7	3.6				3.6	.9	4.2			4.9	2251
	03-05	3.4	4.7				4.7	4.3	6.0			8.9	2555
	06-08	2.5	4.2				4.2	3.1	6.8		.0	8.8	2909
	09-11	2.2	4.4				4.4	.3	3.8		.1	4.2	2904
	12-14	5.4	5.5				5.5	.3	4.6		.1	5.0	2915
	15-17	6.3	6.5				6.5	.5	4.8		.0	5.3	2926
	18-20	3.9	5.1				5.1	.7	5.1		.0	5.6	2919
	21-23	2.3	3.2				3.2	.7	4.7		.0	5.3	2500
TOTALS		3.6	4.7				4.7	1.4	5.0		.0	6.0	21879

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WEATHER CONDITIONS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 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	2.2	2.7				2.7	.9	3.0			3.7	2361
	03-05	4.6	4.5				4.5	4.2	5.8			8.2	2741
	06-08	3.8	6.0				6.0	3.5	6.1			8.1	3089
	09-11	4.0	5.7				5.7	.5	3.6			4.0	3093
	12-14	8.7	8.9				8.9	.4	4.1			4.4	3127
	15-17	9.9	9.2				9.2	.3	4.9			5.2	3152
	18-20	5.0	6.3				6.3	.3	4.3		.0	4.6	3066
	21-23	2.8	3.8				3.8	.5	3.0			3.4	2671
TOTALS		5.1	5.9				5.9	1.3	4.4		.0	5.2	23300

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.4	2.6				2.6	1.1	3.7			4.5	2464
	03-05	4.2	4.0				4.0	3.9	6.0			8.8	2796
	06-08	3.0	5.1				5.1	5.3	9.1			12.8	3104
	09-11	3.5	5.8				5.8	1.0	5.8			6.5	3111
	12-14	7.5	8.0		0		8.0	.4	5.3			5.7	3143
	15-17	8.8	9.1				9.1	.4	5.7		.1	6.2	3105
	18-20	4.4	5.6				5.6	.8	5.8		.0	6.6	3085
	21-23	1.6	2.8				2.8	.5	4.3		.0	4.6	2696
TOTALS		4.4	5.4		0		5.4	1.7	5.7		.0	7.0	23504

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-74 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.2	7.3				7.3	2.9	3.1			5.4	2321
	03-05	1.5	7.3				7.3	7.9	4.9			11.5	2632
	06-08	2.1	7.8				7.8	11.9	9.8			18.9	2947
	09-11	2.3	8.9				8.9	3.0	6.5			9.4	2932
	12-14	3.0	8.9				8.9	1.4	4.7			6.1	2934
	15-17	3.0	8.4				8.4	1.3	4.6		.0	5.9	2919
	18-20	2.0	7.7				7.7	1.6	5.4			6.8	2910
	21-23	1.1	5.7				5.7	1.6	4.3			5.4	2553
TOTALS		2.0	7.8				7.8	4.0	5.4		.0	8.7	22148

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.3	3.0				3.0	9.8	3.8			12.8	2342
	03-05	.5	3.6				3.6	13.6	5.1			17.0	2670
	06-08	.7	4.6				4.6	14.0	9.1			20.6	2998
	09-11	.4	3.4				3.4	2.7	6.8			9.1	2991
	12-14	.5	3.5				3.5	1.1	5.2			6.3	2985
	15-17	.6	4.5				4.5	1.5	7.4			8.7	3001
	18-20	.4	3.9				3.9	2.2	7.0			8.7	2978
	21-23	.3	3.4				3.4	5.4	6.0			10.3	2630
TOTALS		.5	3.7				3.7	6.3	6.3			11.7	22595

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	01-02	1.0	7.1				7.1	16.0	5.5			20.6	2293
	03-05	.8	7.2				7.2	18.2	5.2			22.4	2502
	06-08	.6	6.6				6.6	19.6	8.9			25.8	3041
	09-11	.5	5.4				5.4	7.5	8.3			14.9	3050
	12-14	.3	5.7				5.7	4.6	6.9			11.1	3008
	15-17	.5	5.0				5.0	4.7	7.9			12.2	2991
	18-20	.5	4.9				4.9	6.4	8.1			13.7	2981
	21-23	.6	5.3				5.3	10.5	7.6			16.6	2752
TOTALS		.6	5.9				5.9	10.9	7.3			17.2	22618

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.4	8.2				8.2	21.0	6.6			26.3	2338
	03-05	1.0	8.5	.0	.0		8.5	24.0	5.6			28.5	2515
	06-08	.4	9.2		.1		9.2	26.3	7.3		.1	32.0	3002
	09-11	.5	8.7		.3		8.9	17.8	8.8		.1	25.4	3090
	12-14	.4	8.2		.1		8.3	11.0	9.9		.1	19.9	3070
	15-17	.3	8.0		.1		8.1	12.3	11.6		.1	22.9	3040
	18-20	.4	8.0		.2		8.2	15.6	9.2		.2	23.8	2882
	21-23	.9	8.5		.1		8.5	19.8	6.6		.0	25.0	2681
TOTALS		.5	8.4	.0	.1		8.5	18.5	8.2		.1	25.5	22618

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
 XXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

13820 KEESSLER AFB MISSISSIPPI/BILOXI 46-74 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	6.0	39.8	.9	1.0		40.4	53.5	27.1		.2	60.2	894
FEB		7.9	41.9	.2	.7	.1	41.1	45.5	30.1			55.1	818
MAR		14.7	41.4		.3	.2	40.8	47.1	31.3		.1	56.6	878
APR		12.9	30.9			.4	29.9	35.8	27.3		.1	45.2	850
MAY		16.7	27.4			.3	27.0	17.1	19.8		.1	28.1	881
JUN		30.4	36.7			.1	35.8	13.1	20.1			26.6	869
JUL		48.6	52.5				50.7	10.6	16.4			20.8	898
AUG		43.4	47.4			.1	47.0	15.6	23.2			30.1	871
SEP		20.6	38.0				36.8	25.4	22.0			35.7	840
OCT		5.4	22.6				21.9	32.6	26.2			44.4	867
NOV		6.4	28.2				29.5	37.8	26.7			46.1	870
DEC		7.4	40.6		.6		39.4	48.3	28.6		.1	57.1	891
TOTALS		18.4	37.3	.1	.2	.1	36.7	31.9	24.9		.0	42.2	10447

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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:

Beginning thru 1945 at 0800LST
 Jan 46-May 47 at 1230GMT
 Jun 57-present at 1200GMT

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

Beginning thru Jun 52 at 0030GMT
 Jul 52-May 57 at 1230GMT
 Jun 57-present at 1200GMT

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

13820 KESLER AFB MISSISSIPPI/BILOXI 42-74
 STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
	SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4						OVER 50.4
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	56.8	12.3	2.9	5.0	2.8	5.0	5.9	5.6	3.2	.6	.1			31.0	888	4.43	9.16	.92	
FEB	54.0	14.5	2.7	6.5	2.7	4.6	6.0	4.3	4.2	.5				31.4	818	4.00	6.88	1.24	
MAR	54.8	12.9	2.9	4.0	2.9	5.6	4.2	5.2	5.6	1.8	.1			32.3	898	6.74	7.13	.19	
APR	65.9	10.7	2.5	3.2	1.6	3.4	3.6	4.0	3.5	1.3	.2			23.4	850	4.69	2.21	.00	
MAY	72.0	6.4	1.2	2.2	2.4	3.1	4.0	4.0	3.7	.9	.1			21.6	903	4.29	2.25	.26	
JUN	58.7	11.1	2.4	4.3	3.0	4.7	5.0	4.2	5.2	1.1	.2			30.2	900	5.64	4.21	.60	
JUL	43.7	13.6	2.5	7.1	5.8	6.2	7.5	6.6	6.1	.6	.2			42.7	929	6.87	5.15	1.65	
AUG	48.9	13.5	1.8	5.2	4.6	7.2	6.8	4.9	6.1	1.1				37.6	923	6.01	2.37	.34	
SEP	58.3	10.8	2.4	3.9	2.0	4.8	4.3	5.8	5.3	2.0	.3	.1		30.9	883	6.91	8.67	.00	
OCT	76.2	5.9	1.6	3.2	1.8	3.2	3.0	2.7	1.9	.2				17.9	896	2.34	0.62	.00	
NOV	68.0	9.5	2.6	3.3	2.5	3.2	3.7	3.7	3.6	.3	.1			22.5	897	3.48	1.09	TRACE	
DEC	55.6	13.1	2.2	5.0	3.4	5.8	4.6	4.1	5.9	.4				31.4	918	4.93	8.82	1.29	
ANNUAL	59.4	11.2	2.3	4.4	3.0	4.7	4.9	4.5	4.5	.9	.1	.0		29.4	10703	6.33			

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

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

1982 STATION KEESLER AFB MISSISSIPPI/BILOXI 42-74 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42					* 4.66	1.90	1.55	1.63	1.31	1.71	.33	1.18	
43	.82	1.20	2.02	.51	1.38	1.13	.29	1.90	2.87	.28	5.02	2.86	5.02
44	2.35	.85	4.78	2.97	.50	.96	2.46	2.81	5.94	.06	2.72	2.07	5.94
45	2.25	1.87	1.63	3.39	1.50	3.30	5.96	1.03	1.88	.82	.52	1.85	5.96
46	1.20	1.42	5.68*	.00*	.75	3.43	2.12*	1.75	2.60	.41	.68	1.26	5.68
47	2.84	.64	4.20	2.20	1.54	1.33	1.25*	1.81	5.48	1.49	2.00	2.17	5.48
48	* 1.65	1.14	4.87	1.42	2.75	4.36	3.21*	2.10	4.61	.20	1.70	1.72	4.87
49	.51	2.86	1.27	1.53	2.74	1.87	3.48*	1.49	4.25	1.92	TRACE	1.83	4.25
50	.60	.89	1.45	.98	.80	1.64	2.42	3.01	1.55	1.26	.50	1.76	3.01
51	1.00	.80	4.20	1.64	.54	2.05	1.81	2.14	2.82	2.20	1.30	.75	4.20
52	1.63	1.75	3.33	1.50	2.68	.74	1.96	1.03	2.81	.00	.71	2.34	3.33
53	.82	2.80	2.25	3.19	.48	4.32	1.04	1.45	.41	.29	3.04	2.34	4.32
54	.64	.70	1.65	.45	1.38	1.47	2.91	.31	5.04	.85	1.64	1.72	5.04
55	1.34	2.66	.09	5.82	2.19	1.27	1.76	2.77	.74	1.65	.76	3.02	5.82
56	2.69	1.35	1.19	2.46	.25	2.30	3.00	.62	3.42	.31	.61	1.66	3.42
57	.39	1.18	2.77	2.18	1.15	1.38	1.72	1.95	10.22	2.84*	2.02	.55	10.22
58	3.54	1.11	2.86	3.26	4.71	2.61	1.97	3.56	2.80	.26	.78	.43	4.71
59	1.40	1.71	1.31	.76	1.42	4.52	1.70	1.50	4.70	1.78	.79	.40	4.70
60	1.50	2.31	3.46	4.62	2.40	.45	1.60	2.80	1.74	1.10	.01	1.16	4.62
61	1.83	2.96	2.17	3.71	4.25	5.17	.86	2.60	2.95	1.20	3.91	2.00	5.17
62	1.26	.38	1.04	.78	.25	2.05	2.23	1.51	1.32	2.08	1.35	1.76	2.23
63	3.34	1.63	1.30	.75	1.30	2.47	1.84	2.22	1.15	.13	1.18	1.37	3.34
64	1.97	1.04	1.60	6.97	1.10	.77	1.58	2.03	3.12	.92	1.46	1.35	6.97
65	6.49	1.65	3.59	.14	5.74	2.61	.48	2.91*	1.85				
66													
67													
68								2.04*	.00		1.83*	2.83	
69	* 1.29	.84	2.84	1.27	.95	.28	3.11*	.71	.19	.81	1.47*	1.14	3.11
70	* .92	2.46	1.99	.60	1.56	5.41	6.50	3.29	.77	2.99	.64*	1.99	6.50
71	* 1.29	2.09*	1.34	.95	1.67	3.12	1.40	3.39	2.43	.03	1.06*	1.79	3.39
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

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

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILDXI 42-74 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	* 3.48	1.47	1.45	.62	3.65	.28	2.16	2.60	.98	1.67	1.43*	2.56	3.65
73	* 1.92*	2.01	1.69	3.35	1.56	1.91*	1.33*	1.42*	1.88*	.62*	1.83*	.97	3.35
74	.72	2.36	2.10	2.83	2.61	.92	1.28	1.63	2.67	.10	1.51*	1.90	2.83
MEAN	1.782	1.791	1.418	2.098	1.949	2.201	2.166	2.000	2.726	1.034	1.427	1.691	4.683
S.D.	1.271	.733	1.349	1.707	1.429	1.439	1.345	.830	2.090	.861	1.103	.693	1.620
TOTAL OBS.	888	810	898	830	903	900	929	923	883	896	897	918	10703

NOTE * (BASED ON 2 FULL MONTHS)

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

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42					* 6.75	8.24	4.91	7.85	4.29	2.27	.74	2.69	
43	2.83	2.12	5.36	1.35	3.53	2.96	1.73	4.01	9.55	.63	5.09	5.38	44.54
44	4.97	2.61	7.56	11.48	1.42	3.26	9.14	8.22	8.13	.06	7.94	2.93	67.72
45	4.57	4.56	4.28	6.79	2.34	4.59	25.15	1.66	7.34	1.55	1.27	6.19	70.29
46	5.03	3.31	17.13*	.00*	2.65	8.73	10.44*	1.85	6.76	.46	2.38	2.65	*61.39
47	8.90	1.82	14.65	7.44	4.53	4.10	1.65*	4.86	7.28	3.23	11.09	7.77	*77.32
48	* 5.38	1.79	16.43	3.54	6.37	6.46	8.83*	5.35	14.31	.35	10.92	5.92	*85.65
49	1.44	5.68	5.33	5.76	7.67	7.04	12.39*	2.91	9.59	3.68	TRACE	4.95	*66.44
50	.92	2.32	5.55	3.38	2.73	3.04	7.45	7.36	3.65	1.37	.52	6.07	44.36
51	2.38	1.25	9.64	6.15	1.50	6.05	5.95	4.51	14.89	3.80	2.43	2.81	61.36
52	2.60	6.46	6.18	3.23	5.51	1.19	4.95	2.92	6.00	.00	1.66	8.17	48.87
53	2.18	5.82	5.92	6.10	.95	9.70	3.52	6.83	.50	.30	6.54	8.82	57.18
54	2.04	1.24	3.37	.48	2.20	3.07	8.86	.34	5.99	1.57	3.07	5.52	37.75
55	4.65	4.33	.19	10.07	5.46	4.43	5.66	9.08	1.01	3.23	2.00	5.13	55.24
56	3.98	3.96	5.76	3.20	.49	6.78	5.53	2.08	13.68	1.02	1.08	4.97	52.53
57	1.18	2.69	9.70	4.08	2.99	5.68	5.03	6.91	18.67	4.76*	4.29	2.20	*68.18
58	5.36	4.09	10.79	5.80	12.25	14.21	6.69	12.25	9.75	1.05	.95	1.29	84.48
59	2.76	6.88	3.46	2.16	3.88	8.22	7.32	4.01	11.55	9.39	1.20	1.48	62.31
60	7.04	5.48	5.63	7.67	3.53	.87	5.09	11.34	5.68	3.75	.01	3.88	59.97
61	5.91	5.82	6.29	7.23	8.24	11.75	3.42	9.56	7.97	2.71	8.18	6.52	83.60
62	4.11	2.12	3.39	.91	.26	5.47	4.61	3.74	4.42	3.83	2.11	3.52	38.49
63	6.85	4.47	1.58	.80	3.86	8.89	6.69	5.10	3.47	.27	3.34	7.47	52.99
64	9.16	4.46	3.89	12.21	2.03	2.42	5.27	8.37	6.74	2.30	3.92	3.53	64.30
65	9.16	4.27	9.34	.30	7.72	8.43	3.34	12.37*	5.11				
66													
67													
68								5.91*	.00		4.32*	7.86	
69	* 3.59	2.83	7.66	5.07	2.68	.60	10.20*	1.00	.59	1.64	2.33*	4.68	*42.67
70	* 3.44	5.82	5.89	1.96	3.96	12.43	12.26	11.76	3.12	10.62	1.18*	5.11	*77.55
71	* 1.99	6.26*	3.46	.96	3.20	4.41	8.22	8.53	6.54	.05	1.84*	8.24	*53.70
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

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

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	All MONTHS
72	* 8.13	5.26	5.03	1.23	11.21	.96	4.35	4.34	1.73	2.18	5.08*	5.11	*54.61
73	* 3.91*	4.23	7.76	9.07	2.14	2.67*	3.47*	4.67*	10.37*	1.74*	3.87*	2.82	*56.72
74	4.15	3.92	4.24	7.59	6.56	2.66	3.81	6.66	5.77	.15	5.19*	4.24	*54.94
MEAN	4.435	3.996	6.740	4.690	4.287	5.644	6.871	6.011	6.911	2.343	3.485	4.931	60.184
S. D.	2.387	1.660	4.025	3.486	2.974	3.569	4.454	3.354	4.517	2.535	2.973	2.102	13.373
TOTAL OBS	888	818	898	850	903	900	929	923	883	896	897	918	10703

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
 USAF LTAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

13820 K. ESLER AFB MISSISSIPPI/BILUXI 49-74
 STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	.02-.05	06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.0	1.0													708	TRACE	TRACE	.0
FEB	99.1	.6		.1	.1									.3	705	.1	3.0	.0
MAR	99.7	.1		.1										.1	773	TRACE	1.0	.0
APR	100.0														730	.0	.0	.0
MAY	100.0														757	.0	.0	.0
JUN	100.0														750	.0	.0	.0
JUL	100.0														774	.0	.0	.0
AUG	100.0														777	.0	.0	.0
SEP	100.0														779	.0	.0	.0
OCT	100.0														772	.0	.0	.0
NOV	100.0														748	.0	.0	.0
DEC	99.3	.5							.1					.1	765	.3	8.0	.0
ANNUAL	99.8	.2		.0	.0				.0					.0	9098	.4		

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

EXTREME VALUES
 SNOWFALL

(FROM DAILY OBSERVATIONS)

13820 KEESLER AFB MISSISSIPPI/BILUXI 46-74

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV	DEC.	ALL MONTHS
46	.0	.0	.0*	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0
47	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.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	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	8.0
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66													
67													
68													
69								.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
73	*TRACE*	2.0*	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	TRACE	* 2.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	* .0
MEAN	TRACE	.08	.04	.00	.00	.00	.00	.00	.00	.00	.00	.32	.25
S. D.	.000	.400	.200	.000	.000	.000	.000	.000	.000	.000	.000	1.600	1.882
TOTAL OBS.	768	705	773	730	757	750	774	777	779	772	748	765	9098

NOTE * (BASED ON < FULL MONTHS)

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

XXXXXXXXXXXXXXXXXXXX
 EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 46-74 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS
46	.0	.0	.0*	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	* .00
47	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	* .00
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	* .00
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
54	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	* .00
58	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
60	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	8.0
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66													
67													
68													
69								.0	.0	.0	.0*	.0	
70	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	* .00
71	* .0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	* .00
72	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	* .00
73	*TRACE*	3.0*	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	TRACE	* 3.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	* .00
MEAN	TRACE	.12	.04	.00	.00	.00	.00	.00	.00	.00	.00	.32	.50
S. D.	.000	.600	.200	.000	.000	.000	.000	.000	.000	.000	.000	1.600	1.719
TOTAL OBS.	768	705	773	730	757	750	774	777	779	772	748	765	9098

NOTE * (BASED ON < FULL MONTHS)

2 DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

13820 KEESELER AFB MISSISSIPPI/BILOXI 42-74
STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	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	99.6	.2	.1		.1									.2	984			
FEB	99.7	.1		.1	.1									.2	903			
MAR	99.6	.2													990			
APR	100.0														940			
MAY	100.0														997			
JUN	100.0														990			
JUL	100.0														1022			
AUG	100.0														994			
SEP	100.0														961			
OCT	100.0														989			
NOV	100.0														988			
DEC	99.9	.1													1012			
ANNUAL	99.9	.0	.0	.0	.0									.0	11770			

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

EXTREME VALUES
 SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42					*	0	0	0	0	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	TRACE	0	0	0	0	0	0	0	0	0	TRACE
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	3	0	0	0	0	0	0	0	0	0	0	0	3
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	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
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

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

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS	
72	* 0	0	0	0	0	0	0	0	0	0	0	0*	0	* 0
73	* 0*	3*	0	0	0	0*	0*	0*	0*	0*	0*	0*	TRACE	* 3
74	0	0	0	0	0	0	0	0	0	0	0	0*	0	* 0
MEAN	.1	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	
S. D.	.530	.530	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.209	
TOTAL OBS.	984	903	990	940	997	990	1022	994	961	989	988	1012	11770	

NOTE * (BASED ON < FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data is 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.

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

EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13820 STATION KEESELER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC.	ALL MONTHS
42													
43													
44													
45													
46	SE *35	NNW*34	SE *40										
47	SE *30	SW 54	NW 41	NW 42	N 59	E 31	NE *25	SE 32	NNE*40	NW 31	NNW 34	N 30	N 59
48	SSW*36	NW *29	*30	NNW*61	E 33	SW *43							
49	SW *36	*34	SSE*40	NW 32	NNW 35	N 41	ESE 34	NW 60	SSE 41	NNW 39	NNW 32	NNE 31	NW 60
50	S 27	S 46	WSW 45	NNE 36	NW 36	W 31	WSW 35	NE 40	SSW 35	E 32	N 44	NNE 36	S 46
51	NE 36	N 36	NNE 34	NNW 38	NW 34	NNW 56	ESE 40	SSE 38	SSE 34	NW 26	NW 36	N 38	NNW 56
52	NW 41	NNW 37	S 39	NW 42	SW 38	E 40	NE 41	N 36	E 30	N 29	NNW 27	NW 36	NW 42
53	NW 37	NE 47	N 33	N 39	SSE 38	E 32	SSW 30	SW 30	NW 30	NW 36	SSE 47	NW 38	SSE 47
54	NW 38	NW 38	SSW 36	SSW 47	N 34	E 38	ESE 43	ESE 30	N 32	NNE 43	NW 40	NNW 44	SSW 47
55	SSW 43	NNW 43	SSW 42	SSW 47	WSW 41	SSW 55	N 37	W 44	E 24	WSW 37	N 31	NNW 37	SSW 55
56	NNW 30	NW 40	N 39	W 43	W 37	E 43	W 43	NE 29	NNE 57	NW 23	NNW 29	W 38	NNE 57
57	ESE 25	SSE 35	S 28	S 36	ESE 26	S 35	NW 27	N 40	W 48	NW 37	N 37	N 28	S 48
58	E 32	W 40	S 28	N 38	SSE 32	SW 26	SSW 27	N 31	E 28	NE 21	N 29	NNE 24	W 40
59	NW 34	ESE 26	SSE 30	N 29	SSE 30	ESE 30	ESE 23	SSW 29	SSE 28	NW 28	NNW 29	N 31	NW 34
60	SW 32	ESE 36	ENE 26	S 47	E 33	NNW 32	E 32	SW 31	NE *49	SSE 25	N 24	E 31	NE *49
61	NW 32	E 40	SSE 50	N 33	N 40	SSW 33	NNW 38	W 36	S *33	ESE*28	WSW*32	NNW*31	SSE 50
63	N 39	N 39	N 33	S 26	ESE 24	W *27	N 34	NNW*22	ESE 25	N *23	ENE 37	NNW*33	N 39
64	ESE 39	NNW*30	S *42	SSW*33	SW 28	WSW 22	SSW*29	SW 26	NNW 30	N *51	N *31	N *31	N *51
65	SW *31	WSW 41	WSW*32	WSW*33	N 22	NNE*31	WSW*36	SW *26	SSE*21	N 28	NE 28		
66	NNW 35	W *49	*37	ESE 39	NNE 27	SW 25	E 27	S 40	ENE 22	SW 26	NNW 32	NNW 33	S *49
67	W *32	N 29	NW 30	SSE 27	SW 35	E 22	WSW 38	N 45	NNW 24	S 42	N 27	N 37	N 45
68	NW 32	NNW 34	WSW 30	N 27	SW 27	N 31	29/ 37	7/ 36	18* 16				
69	36/ 28	8/ 40	21/ 48	14* 39	33/ 42	4/ 41	1* 40	22* 24	36/ 24	36/ 29	35/ 35	30/ 45	21/ 48
70	20/ 38	24/ 42	9/ 31	28/ 40	2/ 30	32/ 26	32/ 39	34/ 30	12/ 35	22/ 36	36/ 37	21/ 42	24/ 42
71	35/ 35	33/ 41	33/ 38	35/ 35	33/ 42	21/ 34	36/ 43	32/ 28	18/ 41	36/ 23	1/ 28	15/ 33	36/ 43
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON < FULL MONTHS)

‡ (BASED ON < FULL MONTHS AND +100 KNOTS)

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

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	36/ 33	32/ 33	19/ 37	21/ 25	22/ 30	36/ 31	28/ 32	6/ 28	35/ 21	22/ 27	19/ 29	33/ 31	19/ 37
73	20/ 31	15/ 30	15* 39	13/ 41	19/ 25	30/ 26	14/ 23	24/ 29	19/ 32	18* 26	32/ 28	33/ 46	33/ 46
74	22/ 29	25/ 34	33/ 24	36/ 38	30/ 41	14/ 26	27/ 25	36/ 30	3/ 26	25/ 24	30/ 28	10/ 25	30/ 41
MEAN	33.9	37.4	35.7	36.9	33.7	33.3	33.9	33.3	31.6	30.5	32.3	34.3	46.8
S. D	4.232	6.237	6.459	7.911	7.717	8.792	6.385	7.947	9.784	7.462	5.391	5.790	6.960
TOTAL OBS.	815	772	831	805	850	802	790	794	713	728	778	782	9460

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

USAF ETAC FORM 0-88-5 (OLA)

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/RAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI STATION NAME 42-74 YEARS ALL MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.8	3.4	1.5	.3	.0	.0					9.7	7.4
NNE	1.4	2.4	2.9	1.0	.2	.0	.0	.0				7.8	7.2
NE	1.2	2.2	2.2	.4	.1	.0	.0	.0	.0	.0		6.1	6.4
ENE	.7	1.5	1.7	.4	.0	.0	.0	.0	.0	.0		4.4	6.6
E	.7	1.4	1.6	.5	.0	.0	.0	.0			.0	4.2	6.9
ESE	.4	1.0	2.0	1.1	.1	.0	.0				.0	4.7	8.7
SE	.4	1.3	2.6	1.1	.1	.0	.0	.0				5.5	8.4
SSE	.6	1.9	3.8	1.3	.1	.0	.0				.0	7.8	8.2
S	.8	2.8	4.7	1.3	.1	.0	.0	.0	.0			9.7	7.7
SSW	.5	1.7	3.5	1.3	.1	.0	.0		.0			7.0	8.3
SW	.4	1.1	2.1	.8	.1	.0						4.4	8.0
WSW	.3	.8	1.0	.4	.0	.0						2.6	7.6
W	.6	1.1	1.0	.2	.0	.0						2.9	6.3
W.NW	.5	.9	1.0	.3	.1	.0	.0					2.8	7.2
NW	.7	1.1	1.0	.4	.1	.0	.0		.0			3.3	7.0
NNW	.7	1.2	1.5	.8	.2	.0	.0	.0				4.4	8.0
VARBL													
CALM												12.7	
	11.6	25.1	35.9	12.8	1.5	.2	.0	.0	.0	.0	.0	100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 267386

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 JAN
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	5.3	3.6	.6	.1	.0					13.4	9.3
NNE	.8	2.2	3.3	1.9	.4	.1						8.7	8.7
NE	.7	1.7	2.5	.8	.1	.0						5.9	7.7
ENE	.8	1.6	1.8	.4	.0							4.6	6.6
E	.8	1.5	2.4	.7	.0							5.5	7.3
ESE	.5	1.2	2.0	1.6	.1							6.3	8.7
SE	.4	1.3	2.5	1.4	.2							5.7	8.7
SSE	.6	1.7	2.7	1.1	.1	.0						6.2	8.1
S	.8	2.3	3.4	1.2	.1	.0						7.9	7.7
SSW	.4	1.5	2.4	.9	.1	.0						5.3	8.0
SW	.3	1.0	1.4	.3	.1							3.1	7.3
WSW	.2	.5	.9	.3	.1	.0						2.0	8.5
W	.4	.7	.8	.2	.0							2.1	6.9
WNW	.3	.6	.9	.5	.2	.0	.0					2.4	8.8
NW	.5	1.0	1.2	.8	.2	.0						3.7	8.6
NNW	.5	1.1	2.1	1.3	.3	.1	.0					5.4	9.3
VARBL													
CALM												11.9	
	9.1	22.6	36.3	17.1	2.6	.4	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 22703

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 13820 STATION NAME: KEESLER AFB MISSISSIPPI/BILOXI YEARS: 43-74 MONTH: FEB
 CLASS: ALL WEATHER HOURS (L.S.T.): ALL
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.6	4.5	2.4	.5	.1						10.9	8.8
NNE	.8	2.0	3.9	1.4	.2	.1						8.4	8.3
NE	.8	1.8	2.4	.5	.0	.0						5.5	7.0
ENE	.5	1.5	1.9	.4	.0	.0						4.3	7.0
E	.7	1.4	1.9	.6	.1	.0						4.6	7.3
ESE	.4	.9	2.1	1.8	.2	.0						5.4	9.5
SE	.3	1.1	2.5	1.2	.1	.0						5.3	8.7
SSE	.4	1.8	3.7	1.2	.2	.0						7.4	8.4
S	.8	2.6	4.6	1.2	.1	.0	.0					9.4	7.8
SSW	.5	1.8	3.0	1.1	.1	.0	.0					6.5	8.1
SW	.4	1.0	1.7	.9	.1	.0						4.1	8.4
WSW	.2	.7	1.0	.5	.0	.0						2.5	8.1
W	.4	.8	1.0	.3	.0	.0						2.6	7.2
WNW	.3	.7	1.1	.6	.1	.0	.0					2.9	8.6
NW	.4	.9	1.4	.9	.2	.0	.0					3.8	8.9
NNW	.4	1.3	1.8	1.5	.5	.1	.0					5.5	9.8
VARBL													
CALM												10.9	
	8.2	22.9	38.4	16.5	2.6	.4	.0					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 20539

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 MAR
STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	3.9	1.8	.3	.0	.0					9.2	8.4
NNE	.7	1.9	3.4	1.3	.2	.0						7.5	8.1
NE	.7	1.5	1.8	.4	.0		.0					4.5	6.8
ENE	.6	1.1	1.6	.3	.0							3.6	6.9
E	.5	1.2	1.7	.7	.1	.0						4.2	7.8
ESE	.4	1.2	3.3	1.8	.2	.0						6.9	9.2
SE	.4	1.4	4.0	1.9	.1	.0						7.9	9.0
SSE	.5	2.1	5.1	2.0	.3	.1						10.1	8.8
S	.6	2.6	4.8	1.7	.2	.0	.0					9.9	8.3
SSW	.3	1.2	3.2	1.5	.2	.0	.0					6.6	9.2
SW	.3	.8	1.7	.9	.1	.0						3.8	8.7
WSW	.1	.6	1.0	.5	.1	.0						2.3	8.8
W	.3	.6	.8	.4	.1	.0						2.3	7.7
WNW	.2	.7	1.1	.8	.2	.0						2.9	9.1
NW	.4	.8	1.4	.9	.2	.0						3.7	8.6
NNW	.5	1.1	1.8	1.3	.5	.2	.0					5.3	9.8
VARBL													
CALM	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	9.4	
	7.5	21.2	40.6	18.1	2.6	.5	.0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 21887

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 APR

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	2.8	1.1	.2	.0						6.8	7.8
NNE	.9	1.6	2.4	.7	.1	.1	.0					5.8	7.5
NE	.8	1.2	1.3	.2	.0							3.5	6.3
ENE	.6	1.2	1.2	.1	.0							3.1	6.1
E	.5	1.0	1.2	.4	.0							3.0	7.0
ESE	.3	1.1	3.2	2.4	.2	.0	.0					7.2	9.6
SE	.4	1.8	4.6	2.6	.2	.0	.0					9.6	9.2
SSE	.7	2.4	6.5	2.6	.2	.1	.0					12.4	8.8
S	.6	2.8	7.3	2.6	.1	.0						13.5	8.6
SSW	.4	1.6	4.2	2.5	.2	.0	.0					8.9	9.2
SW	.2	.8	2.1	1.2	.1	.0						4.4	9.1
WSW	.2	.6	1.2	.5	.1	.0						2.5	8.5
W	.3	.7	.9	.3	.0							2.2	7.3
WNW	.3	.6	1.0	.5	.1							2.5	8.2
NW	.5	.8	.9	.5	.0	.0						2.6	7.5
NNW	.4	1.0	1.7	.8	.1	.0						4.1	8.3
VARBL													
CALM												7.9	
	7.9	20.7	42.5	18.9	1.6	.4	.0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 21174

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL
MOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	2.1	.6	.1							6.2	6.5
NNE	1.1	1.7	1.9	.3	.0							5.0	6.2
NE	1.1	1.7	1.2	.2	.0							4.1	5.6
ENE	.5	.9	.9	.1								2.4	5.9
E	.4	.8	.9	.3	.0							2.3	6.8
ESE	.2	.7	2.0	1.2	.1							4.2	9.3
SE	.4	1.2	3.4	1.9	.1	.0						7.0	9.1
SSE	.7	2.7	6.5	3.1	.2	.1						13.2	8.8
S	.7	3.1	7.5	2.4	.3	.0	.0					14.1	8.5
SSW	.4	1.9	5.6	2.1	.1	.0	.0					10.1	8.8
SW	.4	1.3	3.0	1.0	.0	.0						5.8	8.1
WSW	.4	1.0	1.3	.4	.0	.0						3.1	7.3
W	.7	1.0	.9	.2	.0							2.8	6.0
WNW	.5	.9	.9	.2	.0	.0						2.5	6.5
NW	.5	1.0	.8	.1	.0							2.4	6.0
NNW	.7	1.2	1.3	.4	.0	.0						3.7	6.8
VARBL													
CALM												10.9	
	10.0	23.4	39.9	14.5	1.1	.1	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 22434

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUN

STATION STATION AFB YEARS MONTH

ALL WEATHER ALL

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.2	1.6	.2	.0							5.7	5.4
NNE	1.3	1.8	1.3	.2	.0	.0						4.7	5.6
NE	1.0	1.8	1.0	.1	.0							3.8	5.2
ENE	.7	1.4	.8	.1	.0	.0						3.0	5.7
E	.5	.9	.7	.2	.0							2.3	5.9
ESE	.3	.6	1.0	.5	.0	.0	.0					2.5	8.2
SE	.3	.9	2.0	.7	.0	.0						4.0	8.2
SSE	.7	2.3	5.3	1.5	.2	.0						10.0	8.2
S	1.0	3.8	7.5	1.6	.1	.0						13.9	7.7
SSW	.6	2.5	6.1	2.1	.2	.0						11.5	8.4
SW	.7	1.8	3.6	1.4	.1	.0						7.5	8.1
WSW	.6	1.3	1.8	.5	.0	.0						4.2	7.2
W	1.0	1.7	1.2	.2	.0							4.2	5.8
WNW	.9	1.3	1.2	.2	.0	.0						3.6	6.0
NW	1.0	1.0	.7	.1			.0					2.8	5.2
NNW	.8	1.1	.7	.1	.0							2.8	5.4
VARBL													
CALM												13.7	
	12.9	26.6	36.6	9.5	.7	.1	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 21876

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESSLER AFB MISSISSIPPI/BILOXI 42-74 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.4	1.0	.1	.0	.0						5.6	4.8
NNE	1.4	2.1	1.1	.2	.0							4.8	5.2
NE	1.3	1.7	.8	.0	.0							3.9	4.9
ENE	.8	1.3	.7	.1	.0	.0						2.9	5.4
E	.7	1.1	.5	.1								2.4	5.3
ESE	.4	.7	.9	.4	.0							2.3	7.4
SE	.5	1.0	1.6	.3	.0	.0						3.3	7.1
SSE	.6	1.8	3.4	.6	.0							6.4	7.4
S	1.0	3.8	5.5	.8	.0							11.2	7.1
SSW	.7	2.5	5.3	1.4	.1	.0						9.9	8.0
SW	.6	1.9	3.6	1.2	.1	.0						7.4	8.1
WSW	.7	1.5	1.8	.6	.1	.0						4.7	7.2
W	1.3	2.7	1.9	.3	.0							6.2	5.8
WNW	.9	1.8	1.5	.2	.0	.0						4.4	6.0
NW	1.2	1.9	.8	.1	.0							4.0	5.0
NNW	1.2	1.3	.7	.1	.0							3.2	5.0
VARBL													
CALM												17.3	
	15.2	29.3	31.3	6.4	.5	.0						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 23302

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 AUG
STATION STATION NAME YEARS MONTH

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

CONDITION

SP ED (KNTS) DIR.	1-3	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	3.1	1.5	.2	.0	.0						8.0	4.8
NNE	2.2	2.9	1.5	.2	.0	.0	.0					6.8	5.1
NE	1.7	2.7	1.7	.1	.0	.0						6.3	5.3
ENE	.8	1.7	1.5	.2	.0	.0				.0		4.3	6.2
E	.8	1.3	1.0	.2	.0			.0			.0	3.3	5.9
ESE	.3	.9	1.0	.2	.0						.0	2.5	7.0
SE	.4	1.1	1.7	.4	.0	.0						3.7	7.4
SSE	.5	1.9	2.8	.6	.1	.0	.0				.0	5.9	7.4
S	1.1	3.4	4.6	.8	.0	.0		.0	.0			10.1	7.0
SSW	.6	2.1	4.4	1.1	.1		.0					8.3	7.9
SW	.5	1.3	2.8	.9	.0							5.5	7.7
WSW	.5	1.2	1.3	.3	.0	.0						3.2	6.8
W	1.0	1.8	1.2	.1	.0							4.2	5.6
WNW	.8	1.3	1.1	.2	.0							3.5	6.0
NW	1.0	1.3	1.0	.1					.0			3.4	5.4
NNW	1.2	1.3	.9	.1	.0			.0				3.5	5.2
VARBL													
CALM												17.5	
	16.8	29.3	29.9	5.9	.4	.1	.0	.0	.0	.0	.0	100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 23503

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-74 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.9	3.4	1.1	.1	.0						10.6	6.4
NNE	1.6	3.6	4.4	1.4	.1	.0	.0	.0				11.2	7.3
NE	1.7	4.2	4.2	1.0	.1	.0	.0		.0	.0		11.3	6.9
ENE	.9	2.4	3.2	.9	.1	.0	.0	.0				7.6	7.4
E	.9	1.9	2.4	.7	.0	.0	.0					5.9	7.0
ESE	.4	1.1	1.9	.8	.1	.0	.0					4.2	8.3
SE	.5	1.4	2.4	.9	.1	.0	.0	.0				5.3	8.1
SSE	.7	1.6	3.1	1.0	.1	.0	.0					6.6	7.9
S	.9	2.9	3.8	.9	.1	.0	.0					3.5	7.3
SSW	.4	1.3	2.3	.7	.0	.0	.0		.0			4.7	8.0
SW	.4	.8	1.1	.4	.0							2.7	7.2
WSW	.2	.4	.6	.2	.1	.0						1.4	8.0
W	.4	.6	.4	.1	.0	.0						1.4	5.6
WNW	.3	.4	.4	.0	.0							1.2	5.9
NW	.6	.8	.6	.1	.0	.0						2.1	5.7
NNW	.6	1.1	.9	.3	.0	.0	.0					3.0	6.8
VARBL													
CALM												12.2	
	12.5	28.4	35.0	10.5	1.0	.3	.1	.0	.0	.0		100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 22151

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-67,69-74 OCT

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	4.4	4.9	1.8	.2	.6	.0					13.7	7.1
NNE	1.9	4.1	4.2	1.1	.1	.1	.0					11.5	6.8
NE	1.6	3.8	3.9	.6	.1							9.9	6.4
ENE	.9	2.0	2.6	.7	.0	.0						6.2	7.1
E	.8	1.7	2.3	.8	.1							5.7	7.3
ESE	.4	.9	1.8	1.0	.1	.0						4.2	8.5
SE	.4	1.2	1.9	.7	.0	.0						4.3	7.7
SSE	.6	1.5	2.4	.9	.1	.0						5.5	7.7
S	.9	2.3	2.4	.5	.0	.0	.0					6.1	6.8
SSW	.4	1.2	1.6	.5	.0	.0						3.7	7.3
SW	.3	.8	1.0	.3	.0							2.3	7.2
WSW	.2	.3	.4	.2	.0							1.1	6.9
W	.3	.6	.5	.2	.0							1.6	6.5
WNW	.4	.5	.8	.2	.0							1.8	7.2
NW	.6	1.2	1.0	.3	.0							3.1	6.6
NNW	.8	1.4	1.7	.8	.1	.0						4.8	7.6
VARBL													
CALM												14.3	
	12.9	27.8	33.4	10.4	1.0	.2	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 22592

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

19820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
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	2.2	3.5	5.1	2.7	.5	.0						14.0	7.9
NNE	1.9	2.8	3.5	1.5	.2	.0						10.0	7.3
NE	1.4	2.5	2.6	.5	.1	.0	.0					7.2	6.6
ENE	.8	1.8	2.1	.4	.0							5.1	6.6
E	1.0	1.7	2.0	.5	.0							5.1	6.6
ESE	.5	1.3	2.1	1.0	.0							5.0	7.9
SE	.4	1.1	2.4	1.1	.0							5.0	8.2
SSE	.6	1.5	2.5	.9	.1	.0					.0	5.7	7.8
S	.6	2.1	2.5	.7	.1							6.0	7.3
SSW	.4	1.3	1.8	.6	.1	.0						4.2	7.6
SW	.3	.8	1.2	.5	.0							2.9	7.9
WSW	.2	.5	.7	.3	.0	.0						1.7	7.8
W	.5	.8	.6	.2	.0	.0						2.2	6.2
WNW	.4	.7	1.1	.4	.0	.0						2.6	7.6
NW	.8	1.1	1.5	.8	.1	.0	.0					4.3	7.7
NNW	1.0	1.2	2.3	1.4	.4	.0						6.3	8.7
VARBL													
CALM												12.7	
	13.3	24.7	33.9	13.5	1.7	.2	.0				.0	100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 22616

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13020 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 YEARS DEC MONTH

ALL WEATHER CLASS

CONDITION

ALL HOUR (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.0	4.5	2.5	.5	.1	.0					12.6	8.3
NNE	1.4	2.6	3.5	1.6	.5	.0						9.6	8.0
NE	1.3	2.1	2.6	.7	.1	.0						6.8	6.8
ENE	1.0	1.5	2.1	.6	.0							5.2	6.9
E	.8	1.8	2.4	.8	.0							5.9	7.2
ESE	.5	1.3	2.6	1.3	.1							5.7	8.5
SE	.6	1.5	2.6	.8	.1							5.5	7.7
SSE	.6	1.8	2.2	.7	.1							5.4	7.4
S	1.0	2.1	2.8	.7	.1	.0						6.6	7.1
SSW	.5	1.2	1.9	.7	.0							4.4	7.6
SW	.4	.9	1.4	.4	.0	.0						3.0	7.2
WSW	.2	.6	.7	.3	.1							1.9	7.6
W	.6	.7	1.0	.3	.1							2.6	7.0
WNW	.4	.7	1.0	.4	.1	.0						2.7	8.0
NW	.5	.9	1.3	.7	.2	.0						3.6	8.2
NNW	.7	1.3	1.9	1.3	.3	.0	.0					5.6	8.7
VARBL													
CALM												12.6	
	12.3	24.1	34.7	13.8	2.2	.2	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 22609

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-65,69,74 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	1.2	1.9	4.7	3.2	.7	.2						11.8	9.6
NNE	1.2	2.4	3.5	2.3	.4							9.8	8.4
NE	1.0	1.7	2.8	.9	.1							6.5	7.5
ENE	.9	2.0	2.0	.4	.0							5.3	6.6
E	.6	1.2	1.9	.4	.0							4.1	7.1
ESE	.4	1.2	1.9	1.5	.1							5.0	8.4
SE	.4	.8	1.9	1.3	.1							4.4	9.0
SSE	.3	1.2	2.5	1.3	.3							5.6	9.0
S	.3	1.4	2.0	.9	.2							4.8	8.6
SSW	.4	1.8	2.4	.8								5.4	7.4
SW	.3	.9	1.4	.1	.0							2.7	6.7
WSW	.0	.8	1.3	.6	.0							2.8	8.6
W	.9	.9	.4	.1	.1							2.4	5.5
WNW	.3	.5	1.2	.4	.1	.0	.0					2.6	9.2
NW	.7	1.1	1.3	.5	.4	.1						4.0	8.7
NNW	.6	1.2	2.0	1.1	.3	.1						5.2	8.8
VARBL													
CALM												17.5	
	9.5	21.0	33.0	15.7	2.9	.4	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2245

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-66,69-74 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.4	4.8	3.8	.7	.1						13.5	9.2
NNE	1.4	2.9	4.2	2.1	.5	.0						11.1	8.3
NE	1.0	2.7	3.5	.6	.1	.0						7.9	7.1
ENE	1.0	2.2	2.3	.4								5.8	6.4
E	.9	1.1	1.9	.1								4.1	6.3
ESE	.7	1.0	1.5	.8	.1							4.2	7.9
SE	.5	.8	1.9	1.3	.1							4.5	8.9
SSE	.2	.9	1.9	.8								3.8	8.5
S	.4	1.2	2.6	.9	.2							5.3	8.4
SSW	.3	1.4	1.3	.4	.1							3.4	7.4
SW	.4	.9	.7	.1								2.1	6.0
WSW	.0	.4	1.2	.4	.0							2.0	8.7
W	.4	.9	.8	.3	.1							2.4	6.7
WNW	.3	.7	1.2	.7	.2	.0						3.3	9.2
NW	.6	1.4	1.3	.8	.3	.0						4.5	8.1
NNW	.7	1.2	1.6	.9	.2	.0	.1					4.7	8.5
VARBL													
CALM												17.2	
	10.5	22.2	32.7	14.4	2.6	.3	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2468

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-74 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	1.6	3.0	6.6	3.7	.5	.1						15.5	8.8
NNE	1.5	3.4	4.0	2.2	.4	.1						11.5	8.1
NE	1.2	3.2	3.9	.8	.2	.1						9.3	7.1
ENE	.9	2.1	2.3	.4	.0							5.7	6.5
E	1.0	1.5	1.7	.6	.0							4.8	6.8
ESE	.5	.9	1.8	.7	.1							3.9	8.1
SE	.2	.5	1.3	.9	.1							3.0	9.3
SSE	.6	1.3	2.0	.9	.1							4.9	8.1
S	.8	1.4	2.1	.8	.1							5.0	7.6
SSW	.1	1.1	1.2	.4	.1							3.0	7.8
SW	.2	.7	.5	.0								1.4	6.1
WSW	.2	.5	.6	.2	.1							1.5	8.1
W	.6	.8	.8	.2								2.5	5.9
WNW	.4	.9	.8	.3	.1							2.5	7.3
NW	.8	1.3	.9	.8	.2							4.0	7.8
NNW	.4	1.3	1.8	1.2	.2	.1						5.1	9.1
VARBL													
CALM												16.3	
	11.0	23.9	32.2	14.0	2.3	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 3057

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 JAN
STATION STATION NAME YEARS 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	2.3	5.7	4.1	.9	.1						13.9	9.9
NNE	.5	2.7	3.6	2.2	.6	.1						9.6	9.2
NE	.9	2.5	3.4	.8	.3	.1						7.9	7.6
ENE	1.0	2.9	3.3	.5	.1							7.8	6.6
E	.8	1.7	2.8	1.0	.0							6.3	7.6
ESE	.3	.9	2.9	2.3	.0							6.4	9.4
SE	.4	1.5	2.0	1.5	.1							5.6	8.6
SSE	.5	1.3	2.3	1.2	.0							5.4	8.4
S	.6	2.2	3.3	1.1	.2	.1						7.4	8.1
SSW	.2	.8	2.4	.8	.1							4.3	8.5
SW	.2	.7	1.3	.4	.1							2.7	8.0
WSW	.1	.4	.5	.2	.1	.0						1.3	8.6
W	.2	.5	1.1	.1	.0							1.8	7.8
WNW	.1	.6	1.1	.6	.2							2.6	9.6
NW	.3	.8	1.3	.9	.3	.0						3.7	9.4
NNW	.4	1.2	2.3	1.5	.6	.0						6.0	9.8
VARBL													
CALM												7.4	
	7.3	22.8	39.1	19.4	3.5	.5						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 3061

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 43-74 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	.9	2.5	5.2	3.6	.6	.1	.0					13.1	9.4
NNE	.3	1.2	2.5	1.9	.4	.2						6.5	9.9
NE	.2	.6	1.8	.9	.2	.1						4.0	9.2
ENE	.7	.8	1.4	.4								3.3	6.9
E	.4	1.3	2.2	1.0	.0							5.0	8.1
ESE	.3	1.2	3.1	2.8	.1							7.5	9.9
SE	.2	1.3	3.7	1.9	.3							7.4	9.4
SSE	.5	2.7	4.2	1.5	.1							8.9	8.0
S	1.0	3.6	5.9	1.8	.1							12.5	7.7
SSW	.4	2.0	4.7	1.6	.1	.0						8.8	8.4
SW	.2	.9	2.2	.5	.1							3.9	8.2
WSW	.0	.4	1.0	.4	.1	.2						2.1	10.5
W	.1	.5	.9	.3	.0							1.8	7.8
WNW	.3	.4	.8	.7	.2							2.4	9.5
NW	.2	.4	1.7	1.3	.2	.1						3.9	10.6
NNW	.3	1.2	2.5	2.0	.4	.1						6.5	10.1
VARBL													
CALM												2.5	
	6.1	21.2	43.9	22.5	3.0	.8	.0					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 3069

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 JAN
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.7	5.3	3.7	.7	.1						13.3	9.4
NNE	.4	1.1	2.8	1.9	.1	.1						6.4	9.4
NE	.1	.9	1.2	.7	.1	.1						3.1	8.8
ENE	.3	.8	.7	.4								2.2	7.0
E	.6	1.3	3.0	.8								5.6	7.7
ESE	.6	1.8	4.5	1.7	.1							8.8	8.5
SE	.6	1.8	3.4	1.6	.2							7.6	8.3
SSE	.9	2.8	3.6	1.2	.2							8.6	7.6
S	1.6	4.4	4.2	1.9	.1							12.2	7.2
SSW	.8	2.5	3.2	1.1								7.7	7.4
SW	.6	1.8	2.4	.4	.2							5.4	7.3
WSW	.2	.5	.9	.5		.0						2.1	8.4
W	.3	.3	.7	.5	.1							1.8	8.5
WNW	.2	.5	.6	.6	.2							2.1	9.4
NW	.3	.7	1.3	.9	.2	.0						3.4	9.3
NNW	.1	.9	2.4	1.7	.4							5.4	10.1
VARBL													
CALM												4.4	
	8.4	24.7	40.1	19.6	2.4	.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 3049

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILDXI 43-74 JAN
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.0	4.8	3.4	.4	.1						12.9	9.0
NNE	.8	1.9	2.4	1.3	.4	.1						6.8	8.4
NE	.4	.8	1.6	.8		.0						3.6	8.2
ENE	.8	1.1	1.1	.1								3.1	5.8
E	1.1	2.2	3.3	.9	.0							7.5	7.1
ESE	.8	1.6	3.7	1.6	.2							7.8	8.5
SE	.6	2.0	2.7	.9	.1							6.3	7.7
SSE	.8	1.5	2.5	1.0								5.8	7.6
S	1.3	2.0	3.3	1.3	.1							8.0	7.6
SSW	.5	1.3	1.9	1.1								4.9	8.0
SW	.4	1.1	1.0	.3	.1							2.9	6.8
WSW	.6	.5	.8	.1	.1							2.2	6.8
W	.4	.8	.6	.2								2.1	6.5
WNW	.2	.6	.5	.3	.1							1.7	7.6
NW	.7	1.2	.8	.5	.0							3.1	6.9
NNW	.6	1.1	1.9	1.1	.2	.1						5.0	8.8
VARBL													
CALM												16.3	
	11.0	22.7	33.0	14.9	1.9	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 3022

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.0	4.7	3.2	.6	.1						12.8	8.9
NNE	1.0	2.0	3.6	1.5	.3	.0						8.5	8.3
NE	.7	1.4	2.2	.8	.1							5.2	7.5
ENE	.7	1.0	1.6	.5								3.8	6.9
E	.8	2.0	2.5	.6								5.9	7.0
ESE	.5	1.3	2.9	1.2								5.9	8.2
E	.6	1.7	2.5	1.5	.2							6.6	8.6
SSE	.5	1.4	2.2	1.3	.1	.0						5.6	8.6
S	.5	1.9	3.2	1.0	.1							6.6	7.9
SSW	.2	1.1	2.2	1.0	.1							4.5	8.5
SW	.4	.8	1.5	.6								3.3	7.7
WSW	.2	.5	1.0	.3	.0							2.0	8.2
W	.5	.7	.9	.2	.0							2.4	6.6
WNW	.2	.6	.8	.4	.1							2.0	8.0
NW	.5	1.1	.7	.5	.2							3.0	7.8
NNW	.7	1.0	2.2	1.0	.3	.1						5.3	8.7
VARBL													
CALM												16.9	
	9.0	21.4	34.7	15.5	2.2	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2732

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/GILOXI STATION NAME 43-66,74 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	1.0	2.8	3.8	2.8	.5	.1						11.0	8.9
NNE	.5	2.7	3.7	1.2	.2	.1						8.4	8.0
NE	1.1	2.9	2.8	.4		.0						7.2	6.5
ENE	.6	1.9	2.2	.3								5.0	6.5
E	.4	1.6	1.2	.4	.0	.1						3.8	7.4
ESE	.3	.8	1.4	1.3	.1	.0						3.9	9.2
SE	.3	.8	1.5	.6	.0							3.3	8.1
SSE	.1	1.3	3.4	1.3	.1							6.2	9.0
S	.5	1.6	3.8	1.3	.2							7.3	8.3
SSW	.5	1.7	2.6	.8	.0							5.7	7.7
SW	.6	1.2	1.4	.6	.1							3.9	7.6
WSW	.2	1.4	1.3	.8	.0							3.8	8.0
W	.6	1.0	1.7	.3	.0	.0						3.7	7.1
WNW	.3	1.0	1.1	.2	.0	.1						2.8	7.8
NW	.2	.9	.8	.6	.1							2.7	8.5
NNW	.4	1.7	1.4	1.1	.3	.0						4.9	8.6
VARBL													
CALM												16.5	
	7.6	25.3	34.0	14.0	2.0	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2050

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1382C STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-65, 69-72, 74 YEARS FEB MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	4.5	2.4	.8							11.4	8.7
NNE	1.7	2.9	4.4	2.0	.3	.2						11.6	8.1
NE	1.4	3.3	3.3	.1								8.2	6.0
ENE	.5	2.6	2.5	.4								6.1	6.6
E	.7	1.0	1.8	.4	.0							3.9	6.9
ESE	.1	.4	1.4	.6	.1							2.6	9.5
SE	.2	.4	1.4	.5	.0							2.5	8.3
SSE	.3	1.1	2.8	.9	.1							5.1	8.3
S	.6	1.5	2.7	.7	.0							5.5	7.6
SSW	.5	1.1	1.5	.3	.0							3.5	6.8
SW	.2	1.1	1.3	.2	.0							2.8	7.2
WSW	.3	1.1	1.1	.3		.0						2.8	7.4
W	.7	1.6	1.0	.3	.1	.1						3.8	6.7
WNW	.3	1.2	1.5	.5	.1	.0						3.7	8.1
NW	.8	1.2	1.4	.9	.2							4.6	7.8
NNW	.7	1.2	1.4	.9	.1	.1						4.5	8.4
VARBL													
CALM												17.5	
	10.1	24.4	34.2	11.2	2.1	.5						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2211

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.4	5.5	2.4	.4	.0						13.0	8.3
NNE	1.3	3.0	5.3	1.7	.3	.0						11.6	7.9
NE	1.7	3.3	3.6	.7	.0							9.3	6.5
ENE	.7	2.6	2.8	.3								6.4	6.6
E	.9	1.3	2.2	.5	.1							5.0	7.2
ESE	.5	.6	1.4	1.0	.1	.0						3.7	9.2
SE	.3	1.0	1.3	.3	.1	.0						3.0	7.7
SSE	.5	1.2	2.6	.8	.1							5.0	8.0
S	.5	1.9	2.0	.4	.0							4.8	7.0
SSW	.5	1.4	1.2	.3	.0							3.4	6.4
SW	.3	.9	.8	.1								2.1	6.2
WSW	.4	.9	.8	.3	.0							2.4	6.9
W	.5	1.1	1.1	.1	.0							2.8	6.3
WNW	.3	.9	1.4	.5	.1							3.2	7.6
NW	.3	.6	1.7	1.2	.3							4.0	9.3
NNW	.6	1.3	1.8	.9	.4	.2	.0					5.3	9.3
VARBL													
CALM												15.1	
	10.5	25.3	35.3	11.4	2.0	.3	.0					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2756

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13B20 KEESLER AFB MISSISSIPPI/BILUXI 43-74 FEB

STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.5	4.7	3.0	.7	.1						11.7	9.3
NNE	.9	2.0	4.8	2.2	.4	.1						10.4	8.9
NE	.7	1.3	3.0	1.5	.1							6.7	8.5
ENE	1.1	2.5	2.8	.5	.0							7.0	6.7
E	.9	2.1	2.9	.4								6.4	6.8
ESE	.5	1.1	2.4	2.5	.2	.0						6.7	9.8
SE	.4	1.2	3.0	1.1	.1							5.9	8.3
SSE	.3	1.4	3.3	.9	.3	.0						6.3	8.7
S	1.0	2.8	3.7	.8	.0							8.3	7.1
SSW	.5	1.7	2.7	1.1		.0						6.0	7.9
SW	.2	.7	1.2	1.0	.1							3.1	9.1
WSW	.1	.4	.6	.3	.1							1.4	8.7
W	.0	.6	1.4	.5	.0							2.6	8.7
WNW	.5	.5	1.3	.8	.1							3.2	8.6
NW	.3	1.3	1.7	.8	.1	.1						4.3	8.7
NNW	.1	.9	1.6	1.2	.9							4.7	11.1
VARBL													
CALM												5.4	
	8.1	22.9	41.2	18.7	3.3	.5						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2766

DATA PROCESSING BRANCH
 ETAG/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 FEB
STATION STATION NAME YEAR MONTH
 ALL WEATHER 1200-1400
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.9	4.8	2.5	.8	.2						10.6	9.8
NNE	.2	1.7	3.2	1.3	.3	.0						6.7	8.8
NE	.2	1.0	1.8	.4	.0							3.5	7.8
ENE	.1	.7	1.3	.5	.1							2.7	8.8
E	.3	.7	1.6	.7	.1							3.5	8.8
ESE	.3	.7	2.8	2.7	.5							6.9	10.7
SE	.3	1.3	3.7	2.2	.1							7.5	9.2
SSE	.4	2.7	6.1	2.0	.2							11.5	8.5
S	1.0	3.5	8.1	1.7	.2							14.4	7.9
SSW	.3	1.9	5.1	2.0	.1							9.4	8.8
SW	.2	.8	2.2	1.8	.3							5.2	9.9
WSW		.2	.6	.6	.1							1.5	10.5
W	.1	.3	.9	.4	.0							1.7	9.0
WNW	.2	.3	1.3	1.2	.3	.1						3.2	10.8
NW	.2	.5	1.4	1.5	.5	.0						4.1	10.8
NNW	.1	.8	2.4	1.9	.6	.1						6.0	11.0
VARBL													
CALM												1.5	
	4.3	18.9	47.2	23.4	4.2	.5						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2778

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
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	.4	1.7	4.5	2.7	.5	.0						9.0	9.5
NNE	.4	.9	3.4	.9	.3	.1						6.0	9.1
NE	.2	.7	1.2	.2	.1							2.4	7.8
ENE	.3	.4	1.1	.3	.1							2.1	8.5
E	.4	.7	2.0	.7	.1							4.0	8.4
ESE	.4	.9	2.3	2.5	.3							6.5	10.1
SE	.5	1.4	3.8	2.4	.2							8.3	9.1
SSE	.6	2.5	5.0	1.9	.2							10.2	8.4
S	1.1	4.6	6.7	1.9	.1							14.4	7.6
SSW	.4	1.9	4.9	1.6	.3	.0						9.1	8.7
S ^W	.3	1.5	3.2	2.1	.1	.0						7.1	9.2
WSW	.1	.7	1.1	.8	.1	.0						2.8	9.1
W	.3	.4	.8	.4	.0							1.8	8.3
WNW	.1	.5	.8	.7	.2							2.3	9.8
NW	.0	.4	1.4	1.7	.5							4.1	11.3
NNW	.1	.9	2.0	2.6	.6	.0						6.3	11.0
VARBL													
CALM												2.7	
	5.4	20.2	44.3	23.5	3.6	.3						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2749

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILGXI YEARS 43-74 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.2	3.8	1.6	.3							9.9	7.9
NNE	.7	1.6	2.8	.6	.1	.0						5.8	7.7
NE	.5	.9	1.1	.2		.0						2.7	6.8
ENE	.4	.7	1.1	.1	.1	.0						2.4	7.6
E	.7	1.8	1.6	.7	.1							4.9	7.2
ESE	.9	1.9	2.3	1.8	.0	.0						7.0	8.1
SE	.5	1.4	2.4	1.2	.2							5.6	8.5
SSE	.7	2.4	3.7	1.1	.1	.1						8.0	7.9
S	1.0	2.7	4.9	1.6	.1							10.3	7.9
SSW	.6	2.1	2.7	1.4	.2							7.1	8.3
SW	.9	1.5	1.7	.5	.1							4.6	7.0
WSW	.6	1.0	1.3	.6	.0							3.5	7.2
W	.4	.9	1.0	.2	.0							2.6	6.7
WNW	.3	.6	.8	.3	.0		.0					2.1	7.9
NW	.5	1.3	1.1	.4	.1							3.4	6.9
NNW	.4	1.9	1.8	1.7	.3	.0						6.1	8.9
VARBL													
CALM												13.9	
	10.0	25.9	34.0	14.0	1.9	.3	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2735

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-74 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	1.0	2.6	3.9	1.9	.2	.2						9.8	8.4
NNE	1.0	1.5	3.5	1.0	.1							7.2	7.7
NE	.6	1.7	2.3	.3								4.9	6.9
ENE	.3	1.2	1.6	.2								3.4	7.0
E	1.0	1.8	1.2	.6		.0						4.7	6.4
ESE	.5	.9	2.2	1.4	.1	.1						5.3	9.0
SE	.3	1.0	2.3	1.2	.1							4.9	8.9
SSE	.5	1.3	2.6	1.0	.1	.0						5.6	8.2
S	.4	2.1	4.5	1.5	.2	.0	.1					8.8	8.7
SSW	.8	2.1	3.3	1.1	.1		.0					7.4	7.9
SW	.5	.7	1.7	.8	.2							3.8	8.8
WSW	.3	.4	1.0	.7								2.3	8.7
W	.7	.9	.6	.2								2.4	5.7
WNW	.2	.9	.9	.5	.0							2.5	7.9
NW	.9	1.0	1.1	.2	.1							3.3	6.5
NNW	.7	1.5	1.5	1.4	.3	.0						5.5	8.9
VARBL													
CALM												18.3	
	9.7	21.5	34.2	14.2	1.0	.4	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2494

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-65 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	1.4	3.3	4.8	1.0	.5							10.9	7.5
NNE	1.1	2.9	4.2	1.0	.1	.0						9.3	7.5
NE	.9	1.6	2.1	.1								4.8	6.1
ENE	.9	1.2	1.7	.2	.0							4.1	6.4
E	.2	1.1	.9	.3								2.4	6.8
ESE	.2	1.2	1.7	1.2	.2							4.5	8.7
SE	.5	1.6	3.9	1.5	.1	.0						7.6	8.5
SSE	.4	1.0	3.1	1.7	.2							6.5	9.0
S	.6	1.3	3.5	1.7	.1							7.2	8.5
SSW	.2	1.2	3.0	1.6	.0							6.0	9.1
SW	.1	1.0	1.5	.6								3.2	8.1
WSW	.1	.7	1.1	.0								2.0	7.1
W	.5	.9	1.6	.3								3.3	6.9
WNW	.1	.7	1.5	.7	.1	.1						3.2	9.2
NW	.6	1.2	1.5	.2	.1							3.6	7.0
NNW	.7	1.1	1.4	.5	.6	.1	.1					4.5	9.4
VARBL													
CALM												16.7	
	8.6	21.8	37.6	12.7	2.2	.3	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2138

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

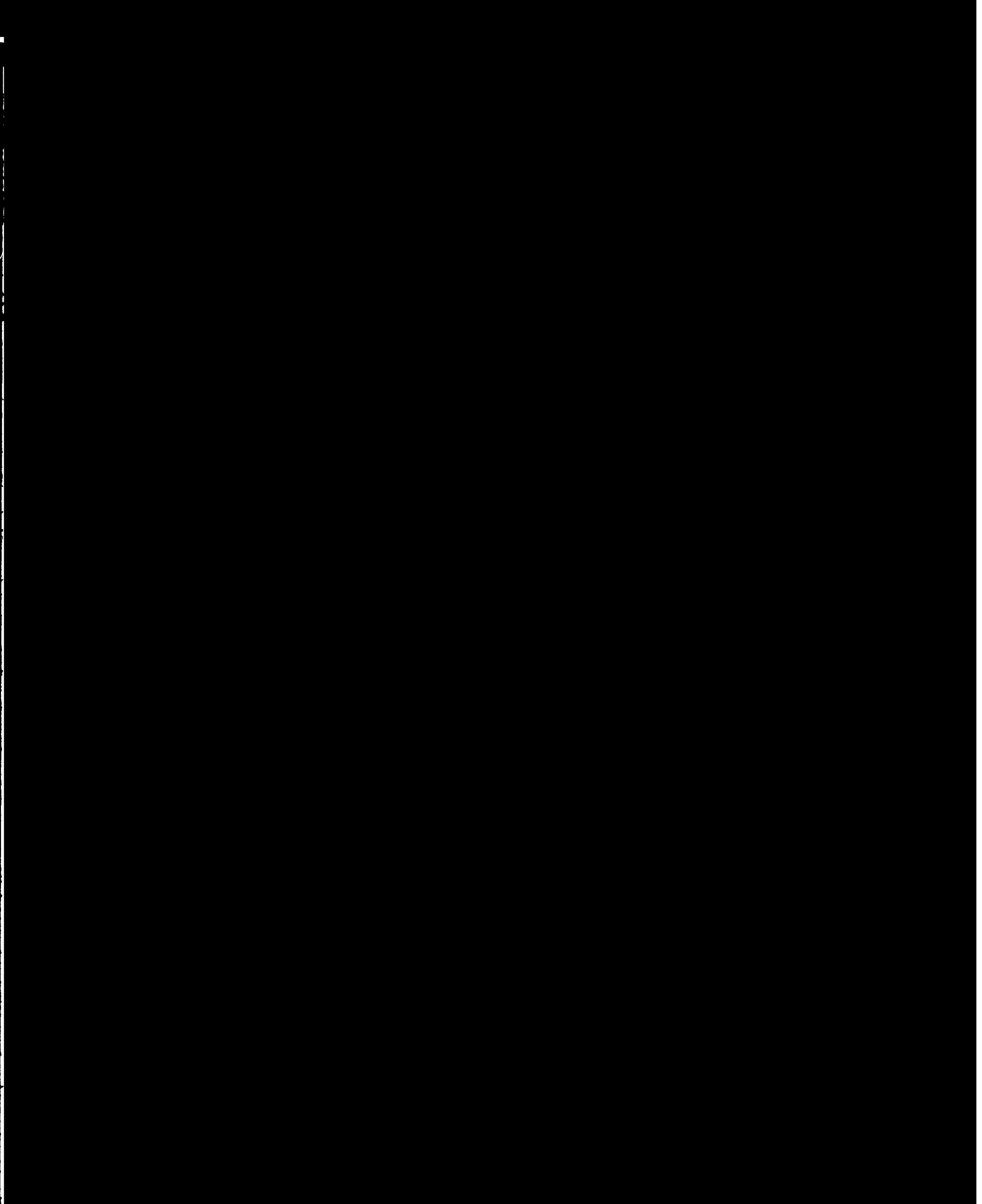
SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-65,69-72 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	1.8	2.5	4.2	1.7	.4	.1						10.7	7.9
NNE	1.9	3.5	4.6	1.5	.2							11.6	7.3
NE	1.4	2.2	3.1	.3	.0		.0					7.0	6.5
ENE	1.0	1.9	1.9	.0								4.8	5.6
E	.6	1.2	1.3	.4	.0							3.6	6.8
ESE	.4	1.0	1.8	.8	.1	.0						4.1	8.4
SE	.4	1.0	1.7	1.3	.2	.0						4.7	9.2
SSE	.4	1.6	2.7	1.2	.3	.0						6.2	8.7
S	.3	1.6	2.4	1.1	.1							5.5	8.1
SSW	.3	.9	2.1	1.0	.1							4.4	8.7
SW	.3	.5	1.7	.3								2.8	8.0
WSW	.3	1.2	.8	.2								2.4	6.7
W	.6	.8	1.0		.0							2.5	6.1
WNW	.3	.8	1.4	.3	.1	.1						3.0	8.2
NW	.7	.9	1.8	.6	.1							4.2	7.4
NNW	1.0	1.6	1.7	.8	.4	.3						5.7	8.6
VARBL													
CALM												16.7	
	11.5	23.3	34.2	11.6	2.0	.6	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2361



DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 13820 STATION NAME: KEESLER AFB MISSISSIPPI/BILUXI YEARS: 43-73 MONTH: MAR
 CLASS: ALL WEATHER MONTH: 0900-1100
 CONDITION: _____ HOURS (L.S.T.): _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.9	3.8	2.6	.4							9.3	9.3
NNE	.5	1.8	4.0	2.1	.3							8.7	9.1
NE	.5	1.7	2.7	.6	.0							5.5	7.7
ENE	.5	1.8	3.2	.7	.0							6.2	7.7
E	1.0	1.4	2.7	1.2	.1							6.4	7.9
ESE	.3	.9	4.0	2.1	.3							7.6	9.5
SE	.4	1.2	4.6	2.2	.1							8.4	9.2
SSE	.5	2.3	5.3	1.8	.3	.0						10.3	8.7
S	.7	2.9	4.1	.8	.0	.0						8.7	7.5
SSW	.2	1.0	2.9	.9	.3	.1						5.5	9.2
SW	.1	.4	1.6	.6	.1							2.8	9.0
WSW	.0	.2	.9	.8	.1	.1						2.1	11.1
W	.3	.4	.8	.4	.1							2.0	8.1
WNW	.2	.6	1.1	1.3	.3							3.5	9.9
NW	.2	.7	1.3	1.1	.1	.0						3.5	9.3
NNW	.3	.9	2.1	2.0	.5	.1	.0					6.0	10.6
VARBL													
CALM												3.5	
	6.6	20.2	45.0	21.3	3.0	.3	.0					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2956

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-73 MAR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.4	3.1	2.3	.3	.0	.0					7.9	9.5
NNE	.2	1.7	2.3	1.3	.1							5.6	8.6
NE	.3	.4	1.3	.8								2.8	8.6
ENE	.1	.2	.9	.3								1.5	8.7
E	.2	.7	1.2	1.0	.1	.0						3.2	9.4
ESE	.1	1.2	3.2	3.2	.4	.1						8.3	10.5
SE	.2	.9	5.1	3.6	.3	.1						10.1	10.3
SSE	.3	1.7	7.8	3.4	.5	.1						13.8	9.7
S	.3	3.4	8.5	2.8	.3	.1						15.4	8.8
SSW	.3	1.0	5.7	2.5	.2	.1						9.9	9.5
SW	.1	.5	1.6	1.6	.4	.0						4.3	10.6
WSW		.1	.6	.9	.2	.0						1.7	11.8
W	.1	.2	.5	.5	.0							1.4	9.5
WNW	.1	.4	1.1	1.2	.3	.0						3.1	10.9
NW	.1	.4	1.6	1.6	.3							4.1	10.6
NNW	.3	.8	1.8	1.8	.6	.3						5.6	11.4
VARBL													
CALM												1.4	
	3.5	15.1	46.4	28.6	4.1	.9	.0					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 2929

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-73 MAR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.3	3.8	2.0	.3	.1						7.8	9.4
NNE	.2	.7	2.2	.9	.2							4.2	9.3
NE	.1	.9	.7	.2								2.0	7.0
ENE	.1	.3	.5	.2								1.2	8.1
E	.2	.9	1.7	1.2	.1							4.1	9.2
ESE	.3	1.3	4.5	2.6	.2	.0						8.9	9.6
SE	.3	1.6	5.3	2.2	.2	.1						9.7	9.3
SSE	.4	3.3	7.5	3.1	.2	.1						14.6	8.8
S	.5	3.1	7.6	2.6	.2	.0						14.0	8.6
SSW	.3	2.0	5.4	2.5	.4	.1	.0					10.7	9.4
SW	.2	.9	2.9	1.5	.1	.0						5.6	9.4
WSW	.1	.3	1.0	1.0	.1	.1						2.4	10.6
W	.0	.2	.5	.6	.2	.0						1.6	11.7
WNW		.3	1.0	.8	.1							2.2	10.5
NW		.4	1.6	1.6	.3							3.9	11.0
NNW	.1	.7	1.9	1.8	.7	.2						5.5	11.7
VARBL													
CALM												1.5	
	3.1	18.1	48.1	24.8	3.5	.9	.0					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2940

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILDXI 43-74 MAR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.7	3.6	1.2	.1	.0						8.5	7.6
NNE	.4	.9	1.7	.2	.1	.0						3.5	7.8
NE	.3	.8	.8	.2								2.1	6.8
ENE	.3	.5	.7	.3								1.7	7.2
E	.6	1.1	1.9	.6								4.2	7.4
ESE	.7	2.2	4.6	1.7	.2	.0						9.4	8.5
SE	.6	2.4	4.9	1.7	.1							9.6	8.3
SSE	.9	3.1	5.4	1.9	.3	.1						11.7	8.1
S	.6	4.2	4.5	1.8	.2	.0	.0					11.5	7.9
SSW	.6	1.9	2.3	1.5	.5	.1	.0					6.9	9.1
SW	.6	1.8	2.0	.6	.0	.0						5.1	7.4
WSW	.3	.8	1.2	.2								2.4	7.0
W	.4	.9	.8	.3	.1							2.5	7.0
WNW	.3	.4	.8	.5	.1							2.1	8.2
NW	.8	.8	1.3	.4	.2							3.5	7.5
NNW	.4	1.2	2.2	.9	.2	.1						4.9	9.0
YARBL													
CALM												10.7	
	8.6	25.5	38.6	14.1	2.0	.4	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2926

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 MAR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.5	3.8	1.2	.2	.0						8.9	7.8
NNE	.4	1.8	3.2	1.0								6.5	7.8
NE	.5	1.0	1.2	.1								2.8	6.1
ENE	.4	.8	.7	.2	.1							2.2	6.6
E	.4	1.2	1.4	.4	.0							3.5	7.1
ESE	.5	1.4	3.6	1.4	.0	.0						7.1	8.5
SE	.6	1.6	3.6	1.6								7.4	8.6
SSE	.4	2.2	4.8	2.0	.2	.2						9.8	9.0
S	.8	2.4	4.9	1.6	.2							9.7	8.3
SSW	.3	1.1	2.9	1.3	.3							5.8	9.2
SW	.2	.6	1.6	1.2	.1							3.7	9.1
WSW	.2	.6	1.0	.6	.1							2.4	8.9
W	.5	.7	.6	.4	.1							2.3	7.1
WNW	.5	1.1	.8	.6	.1	.0						3.1	7.9
NW	.5	.9	.9	.5	.2							3.0	7.9
NNW	.7	1.1	1.6	.9	.2	.1						4.7	8.5
VARBL													
CALM												17.3	
	8.0	20.9	36.4	15.1	1.8	.4						109.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2649

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-65,74 APR
STATION STATION NAME YEARS MONTH
 ALL WEATHER 0000-0200
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.7	3.2	.6	.3	.0						8.2	7.1
NNE	1.5	1.9	3.7	.6	.0	.2						7.9	7.3
NE	1.5	1.3	.9	.1	.0							3.9	5.1
ENE	1.1	1.0	1.3	.0	.0							3.5	5.7
E	.5	.6	.8	.3								2.1	6.7
ESE	.4	1.3	1.9	.6								4.2	7.1
SE	.4	1.3	3.5	1.5	.1							6.9	8.7
SSE	.7	1.7	5.2	2.5	.1	.2						10.3	8.9
S	.5	2.7	5.1	1.9	.1	.2						10.6	8.5
SSW	.5	1.9	3.6	2.1	.5		.0					8.6	9.3
SW	.2	.7	2.1	.5	.0	.1						3.7	8.7
WSW	.3	.8	1.6	.1								2.9	7.1
W	.3	1.3	1.7	.2								3.5	6.4
WNW	.2	1.1	.9	.3								2.6	6.9
NW	.6	1.0	1.3	.3								3.2	6.8
NNW	.5	1.3	1.2	.4	.2	.0						3.7	7.5
VARBL													
CALM												14.2	
	10.7	22.8	37.9	12.1	1.5	.9	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2116

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-65,67-74 APR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	3.3	2.4	1.0	.4							8.8	6.8
NNE	2.2	3.5	3.1	.7	.3	.0						9.9	6.7
N-E	1.7	2.2	2.1	.2								6.1	5.6
ENE	1.2	2.2	1.7	.1								5.1	5.4
E	.6	1.2	.7	.1								2.6	5.7
ESE	.7	.4	1.8	.7	.0							3.7	7.9
SE	.6	.9	2.6	.7	.1							4.9	7.8
SSE	.3	2.2	3.5	1.6	.1	.1						7.8	8.4
S	.6	2.2	4.2	1.6	.3	.1						8.8	8.5
SSW	.3	1.2	3.2	1.6	.2	.0						6.6	9.3
SW	.1	.8	1.7	.6	.2							3.4	8.8
WSW	.3	.6	1.4	.2								2.5	7.2
W	.8	1.4	1.1	.0								3.3	5.6
WNW	.5	.8	1.4	.2								2.8	6.8
NW	.6	1.2	1.2	.2	.0							3.2	6.6
NNW	.4	1.5	1.6	.4	.1	.0						4.0	7.2
VARBL													
CAIM												16.4	
	12.6	25.5	33.5	10.0	1.7	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2320

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 APR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-5	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	3.5	.9	.3	.1						8.8	7.3
NNE	1.5	2.6	3.8	1.1	.1	.1						9.3	7.4
NE	1.5	2.3	2.6	.6								6.9	6.4
ENE	1.2	3.1	3.0	.3								7.5	6.2
E	1.1	2.0	1.9	.3								5.3	6.1
ESE	.2	1.3	2.7	1.6	.1	.0						6.0	8.9
SE	.5	1.2	2.6	1.0	.1							5.4	8.3
SSE	.7	2.0	3.5	1.6	.0							7.8	8.2
S	.3	2.3	4.4	1.4	.1							8.5	8.3
SSW	.2	1.4	2.4	1.2	.1							5.3	8.4
SW	.2	.5	2.1	.7								3.5	8.6
WSW	.2	.6	1.6	.2	.0							2.6	7.8
W	.5	.9	.8	.1	.0							2.3	6.3
WNW	.5	.9	1.2	.4	.0							3.1	7.2
NW	.8	1.2	.9	.3	.0							3.3	6.4
NNW	.5	1.3	1.6	.6	.2	.1						4.1	8.1
VARBL													
CAIM												10.4	
	1.6	25.9	38.5	12.4	1.1	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2874

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.5	3.0	1.8	.1	.1						7.1	9.0
NNE	.5	1.0	3.2	1.1	.2							6.1	8.5
NE	.6	1.1	2.0	.4	.1							4.2	7.5
ENE	.7	1.6	1.8	.1								4.1	6.4
E	.5	1.3	1.8	.7	.1							4.3	7.6
ESE	.2	1.3	3.8	3.9	.2	.0						9.6	10.1
SE	.2	1.6	6.0	3.7	.3	.1	.0					11.9	9.9
SSE	.4	2.2	6.7	2.3	.1							11.7	8.7
S	.4	2.3	7.6	2.3	.1							12.6	8.7
SSW	.3	1.1	4.2	2.4	.1							8.0	9.4
SW	.1	.6	2.0	1.4	.1							4.2	9.7
WSW	.0	.3	1.2	.7	.0	.0						2.3	9.9
W	.1	.7	.8	.4	.0							2.0	8.2
WNW	.4	.5	1.1	.5	.1							2.6	8.3
NW	.3	.6	.8	.8								2.4	8.4
NNW	.4	.8	1.7	1.4								4.3	8.8
VARBL													
CALM												2.6	
	5.5	18.4	47.7	23.9	1.6	.2	.0					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2838

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 APR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	2.5	1.4	.1							5.2	9.0
NNE	.1	.8	1.6	.7	.2	.0						3.5	9.1
NE	.1	.4	.8	.3	.0							1.7	8.4
ENE	.4	.4	.6	.2								1.6	6.8
E	.1	.2	.9	.4								1.6	9.2
ESE	.1	.5	3.2	4.7	.1	.1	.0					8.7	11.2
SE	.2	1.1	5.8	5.0	.3	.1						12.5	10.4
SSE	.3	1.8	10.0	4.8	.2	.1						17.1	9.6
S	.3	2.0	11.8	7.2	.1							18.4	9.2
SSW	.2	1.2	5.7	4.6	.2	.1						12.0	10.1
SW	.1	.4	2.0	2.1	.4	.0						4.9	11.1
WSW	.5	.5	.6	1.0	.2	.0						2.2	10.4
W	.1	.1	.6	.5	.1							1.6	9.7
WNW	.1	.1	1.0	.8	.2							2.3	10.7
NW	.1	.4	.7	.7	.1	.0						2.0	10.2
NNW	.2	.4	1.8	1.2								3.6	9.2
VARBL													
CALM												1.0	
	2.8	11.1	49.9	32.5	2.3	.4	.0					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 2827

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE MAC

SURFACE WINDS

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

13920 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-74 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		.6	3.1	1.7	.1							5.5	9.7
NNE	.2	.9	1.6	.5	.1							3.3	8.6
NE	.2	.4	.6	.1	.0							1.3	7.2
ENE	.2	.1	.4	.1	.0							.8	7.3
E	.1	.5	1.1	.4								2.1	8.3
ESE	.2	.7	4.3	2.9	.3							8.4	10.3
SE	.1	1.7	6.1	3.9	.3	.1						12.3	9.8
SSE	.5	2.6	9.3	3.7	.3	.1						16.6	9.1
S	.5	2.7	11.1	3.9	.0	.0						18.3	8.9
SSW	.5	1.3	6.5	3.7	.2	.0						12.1	9.5
SW	.1	.6	2.9	1.9	.1	.0						5.6	9.8
WSW	.0	.3	1.0	1.0	.1	.1						2.5	10.6
W	.0	.2	.6	.6	.1							1.6	10.3
WNW	.0	.2	1.3	.6	.2							2.4	10.4
W	.1	.2	.9	.7	.1	.1						2.0	10.5
NNW	.0	.4	2.1	1.3	.1							4.0	10.1
VARBL													
CALM												1.2	
	2.9	13.4	53.0	26.9	2.2	.4						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2832

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-74 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	1.0	1.6	2.6	.7	.2							6.1	7.5
NNE	.8	1.1	1.6	.4		.1	.0					4.0	7.2
NE	.6	1.4	.8	.1								3.0	5.8
ENE	.2	.9	.4	.0								1.6	5.5
E	.4	.9	.7	.0	.0							2.2	6.0
ESE	.5	1.3	3.3	1.6	.1	.0						6.8	8.9
SE	.6	2.4	4.5	2.3	.2							10.0	8.8
SSE	1.1	2.4	5.6	2.7	.3	.1	.0					12.2	8.7
S	.9	3.6	6.0	2.6	.1	.1						13.4	8.1
SSW	.6	2.1	4.1	1.9	.2							8.9	8.5
SW	.5	1.1	2.3	1.3		.0						5.2	8.5
WSW	.3	.9	1.1	.4								2.7	7.3
W	.4	.6	.9	.2								2.0	6.5
WNW	.4	.7	.5	.4	.1							2.1	7.5
NW	.7	.9	.7	.3								2.5	6.2
NNW	.9	1.3	1.5	.4	.1							4.1	6.8
VARBL													
CALM												13.3	
	9.9	23.1	36.6	15.4	1.3	.4	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2549

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-65,74 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	≥ 36	%	MEAN WIND SPEED
N	1.2	1.5	1.3	.2	.1							4.4	6.1
NNE	1.8	2.2	1.6	.2								5.7	5.3
NE	2.0	2.1	.7	.0								4.8	4.4
ENE	.8	1.3	.8	.0								2.9	5.4
E	.2	.4	.3	.3								1.2	6.9
ESE	.3	.3	1.2	.5								2.3	8.5
SE	.3	.6	2.1	1.3	.1							4.4	9.4
SSE	.6	1.9	5.2	3.6	.2	.1						11.6	9.4
S	.5	2.3	5.0	2.6	.4							10.8	9.0
SSW	.2	1.5	4.2	1.6	.0							7.6	8.8
SW	.4	1.3	2.3	.4								4.4	7.4
WSW	.4	1.4	2.3	.2								4.3	6.9
W	1.2	2.0	2.0	.3								5.5	6.1
WNW	.9	1.3	.9	.1								3.2	5.6
NW	.9	.7	.8	.0								2.5	5.4
NNW	.5	1.1	.6	.1	.0							2.4	5.9
VAR3L													
CALM												22.2	
	12.2	21.9	31.4	11.4	.8	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2251

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-65,67-74

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.4	2.3	.3	.0							8.5	5.5
NNE	2.0	2.8	2.1	.3								7.2	5.5
NE	3.0	3.0	1.2	.1								7.4	4.6
ENE	1.1	1.2	.9	.1								3.2	5.1
E	.5	.6	.7	.2								2.0	6.3
ESE	.0	.4	1.0	.5								1.9	9.3
SE	.4	.7	1.3	.9	.0							3.3	8.5
SSE	.4	1.9	3.1	2.3	.0							7.8	8.7
S	.5	2.0	4.3	1.6	.3							8.6	8.6
SSW	.6	1.6	2.2	1.0								5.4	7.7
SW	.2	.9	1.9	.3								3.3	7.6
WSW	.5	1.2	.8	.1								2.6	6.2
W	1.5	1.5	1.2	.2								4.4	5.3
WNW	1.1	1.8	1.3	.1								4.4	5.5
NW	1.0	1.8	.7	.1								3.6	5.0
NNW	1.1	1.6	1.4	.4								4.6	6.0
VARBL													
CALM												21.8	
	16.3	26.5	26.5	8.5	.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2618

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI STATION NAME 42-74 YEARS MAY MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.6	2.7	.6	.0							9.1	5.8
NNE	2.0	3.2	3.5	.6	.0							9.3	6.3
NE	1.7	3.7	2.9	.5	.1							8.8	6.1
ENE	1.1	2.1	2.4	.2								5.9	5.0
E	.9	1.5	1.6	.2								4.1	6.1
ESE	.1	.7	1.4	.7	.1							3.0	8.7
SE	.2	1.0	2.5	1.2	.1							4.9	9.0
SSE	.5	1.9	3.6	1.7	.1							7.9	8.5
S	.4	1.6	2.9	1.0	.1	.0						6.0	8.1
SSW	.2	.9	2.3	.6	.1		.0					4.0	8.6
SW	.4	.6	2.2	.4	.1							3.7	7.9
WSW	.4	1.0	1.3	.2	.0							2.9	7.0
W	.9	1.5	.9	.2								3.5	5.6
WNW	1.0	2.0	2.0	.2								5.1	6.1
NW	1.0	2.2	1.1	.2								4.4	5.6
NNW	1.4	1.9	1.6	.4	.0							5.4	6.0
VARBL													
CALM												12.0	
	14.5	29.3	34.7	8.8	.7	.0	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 3041

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	2.5	.9	.1							7.4	6.8
NNE	.8	1.7	2.8	.5								5.9	7.0
NE	.7	1.8	1.9	.5								4.9	6.8
ENE	.5	1.3	1.1	.3								3.3	6.5
E	.6	1.3	1.5	.5	.1							4.0	6.9
ESE	.3	1.4	2.6	2.2	.2							6.7	9.3
SE	.4	1.5	4.4	2.1	.2	.0						8.6	9.2
SSE	.5	3.1	7.4	2.9	.2	.0						14.1	8.7
S	.9	3.3	6.5	2.2	.2							13.1	8.2
SSW	.5	1.7	5.1	1.3	.1							8.7	8.4
SW	.1	1.1	3.1	.8								5.2	8.2
WSW	.2	.7	.8	.5								2.2	7.8
W	.4	.7	.8	.2								2.2	6.4
WNW	.5	1.0	1.1	.4	.0							3.0	7.2
NW	.5	1.1	1.1	.1	.0							2.8	6.2
NNW	.9	1.4	1.4	.6	.0							4.3	6.7
YARBL													
CALM												3.7	
	8.9	26.0	44.1	15.9	1.2	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 3005

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI STATION NAME 42-74 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	.4	1.5	2.1	.6	.1							4.7	7.8
NNE	.3	.8	1.3	.3	.0							2.8	7.5
NE	.2	.3	.7	.2								1.4	7.3
ENE	.1	.1	.3	.3								.8	8.1
E	.1	.3	.6	.4								1.4	8.6
ESE	.1	.4	2.5	2.0	.2							5.3	10.4
SE	.3	1.2	4.5	3.6	.2							9.8	10.0
SSE	.2	2.1	10.7	5.5	.4	.1						19.1	9.7
S	.3	3.5	13.9	3.6	.4	.0						21.7	8.9
SSW	.2	1.9	8.8	4.4	.1							15.4	9.4
SW	.1	.8	4.2	1.9	.1	.0						7.0	9.5
WSW	.1	.2	.9	.5								1.8	9.3
W	.2	.2	.5	.2	.0							1.2	8.1
WNW	.1	.2	.6	.5	.0	.0						1.4	10.0
NW	.1	.4	.6	.2	.0							1.4	7.6
NNW	.3	.9	1.5	.6	.1	.1						3.6	8.8
VARBL													
CALM												1.5	
	3.1	14.7	53.8	24.9	1.7	.3						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 3000

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI

42-74

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.3	2.3	.8	.0							4.7	8.2
NNE	.5	.4	1.4	.3	.0							2.6	7.4
NE	.1	.7	.5	.1								1.4	6.5
ENE	.1	.1	.2	.0								.4	6.2
E	.1	.4	.6	.4								1.4	8.6
ESE	.1	.4	2.4	1.9	.1							4.9	10.2
SE	.3	1.8	4.7	2.8	.1							9.6	9.2
SSE	.5	2.7	9.7	3.0	.3	.1						16.2	9.0
S	.4	3.7	13.2	4.3	.4	.0						22.1	8.9
SSW	.1	2.2	10.0	3.7	.2							16.3	9.2
SW	.4	1.8	4.2	2.0	.1							8.4	8.8
WSW	.2	.7	1.5	.9		.0						3.3	8.9
W	.1	.4	.4	.2	.1							1.2	8.1
WNW	.1	.1	.5	.3	.1							1.1	9.8
NW		.3	.9	.3	.0							1.5	8.9
NNW	.1	.8	1.8	.5	.1							3.4	8.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.5	
	3.2	17.8	54.3	21.5	1.7	.1						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

2987

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

19820 STATION KEESLER AFB MISSISSIPPI/BILUXXI STATION NAME 42-74 YEARS MAY MONTH
 ALL WEATHER CLASS 1800-2000 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	1.0	2.2	1.6	.7	.1							5.6	6.7
NNE	.7	1.3	1.0	.0	.0							3.1	5.5
NE	.5	.5	.4	.0								1.5	5.3
ENE	.3	.5	.5									1.3	5.3
E	.2	.9	.8	.2	.0							2.2	6.9
ESE	.6	1.0	2.6	1.1	.0							5.4	8.2
SE	.6	1.7	3.8	1.4	.1							7.6	8.3
SSE	1.8	4.7	5.9	2.2	.2	.1						15.1	7.6
S	1.4	4.9	7.3	2.1	.3							16.1	7.6
SSW	.7	3.4	6.6	2.2	.1							13.1	8.1
SW	1.1	2.2	3.3	.7								7.4	7.0
WSW	.7	1.6	1.5	.2								4.0	6.2
W	.4	.8	.5	.1								1.8	5.4
WNW	.3	.4	.4									1.1	5.4
NW	.4	.6	.4	.1								1.5	5.7
NNW	.7	1.3	.9	.3								3.1	6.2
VARBL													
CALM												10.2	
	11.5	28.2	37.6	11.3	1.0	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2996

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 YEARS MAY MONTH
 ALL WFAATHER CLASS 2100-2300 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.8	1.4	.4	.1							4.8	6.3
NNE	.9	1.5	1.0	.2								3.7	5.6
NE	.9	1.6	.9		.0							3.4	5.2
ENE	.4	.7	.6	.0								1.6	5.8
E	.8	.6	.6	.2								2.1	5.6
ESE	.2	.6	1.8	.6	.0							3.2	8.5
SE	.6	1.2	3.5	1.5	.0							6.9	8.5
SSE	1.5	2.7	5.3	3.4	.3							13.2	8.6
S	1.1	3.4	5.4	2.1	.4	.1	.0					12.5	8.2
SSW	.5	2.0	4.9	1.7	.0	.0						9.2	8.6
SW	.5	2.1	2.6	.9	.1							6.2	7.6
WSW	.9	1.3	1.8	.5								4.5	6.9
W	.7	1.5	.9	.1	.0							3.2	5.7
WNW	.4	.6	.2	.1								1.3	5.2
NW	.6	.6	.6	.0								1.8	5.4
NNW	.6	.7	.7	.0	.0							2.1	5.8
VARBL													
CALM												20.2	
	11.8	22.0	32.2	11.8	1.1	.2	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2536

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

19820 KEESLER AFB MISSISSIPPI/BILOXI 42-65, 71, 74 JUN
STATION STATION NAME YEARS 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	2.1	1.1	.2								5.4	4.9
NNE	2.0	2.1	1.2									5.2	4.6
NE	1.3	2.6	.6	.1	.0							4.7	4.9
ENE	.8	1.5	.6		.0							2.9	5.0
E	.9	1.2	.4	.1								2.7	4.6
ESE	.3	.5	.4	.3								1.5	7.2
SE	.2	.4	.6	.3	.2	.0						1.8	9.1
SSE	.5	1.3	3.2	1.2	.2	.0						6.5	8.9
S	.8	2.7	5.3	1.2	.1	.1						10.2	7.8
SSW	.5	2.4	4.0	1.4	.1							8.3	8.1
SW	.7	2.2	4.4	1.0	.0							8.4	7.7
WSW	.7	2.4	2.4	.4								5.9	6.6
W	1.4	2.4	1.0	.1								4.8	5.0
WNW	.8	1.1	1.1	.1								3.1	5.6
NW	1.2	1.2	.3									2.7	4.2
NNW	.9	.8	.1	.1								2.0	4.7
VARBL													
CALM												23.9	
	14.8	26.9	26.9	6.5	.7	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2251

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILOXI YEARS 42-65,67-74 MONTH JUN
 CLASS ALL WEATHER HOUR (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.3	3.1	1.6	.1								8.1	4.5
NNE	2.5	2.4	1.9	.0								6.8	5.0
NE	1.8	3.1	.9									5.8	4.5
ENE	.7	1.6	.8	.0								3.2	5.2
E	.4	.8	.4	.1								1.6	5.5
ESE	.2	.2	.5	.0	.1							1.1	8.3
SE	.1	.3	.4	.2	.0	.0						1.0	8.9
SSE	.3	1.2	1.9	.7	.1							4.2	8.4
S	.7	1.6	2.9	1.0	.2	.0						6.4	7.9
SSW	.4	1.6	2.5	.6	.2	.0						5.3	8.0
SW	.6	1.4	2.2	.6								4.8	7.2
WSW	.9	1.8	1.8	.2								4.6	6.0
W	2.7	3.0	1.8	.1								7.6	5.1
WNW	1.6	2.6	1.5	.1								5.8	5.4
NW	1.9	1.8	.4	.0								4.2	4.1
NNW	1.0	1.6	.7	.1	.0							3.5	5.2
VARBL													
CALM												26.0	
	19.0	28.0	22.3	3.9	.7	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2556

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 13320 STATION NAME: KEESLER AFB MISSISSIPPI/BILUXI YEARS: 42-74 MONTH: JUN

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

CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	4.2	2.5	.1								9.9	5.1
NNE	2.9	4.0	2.3	.1								9.4	5.1
NE	2.0	3.6	2.5	.0								8.1	5.3
ENE	1.3	3.5	1.5	.0								6.4	5.2
E	.6	1.3	.9	.0								2.9	5.7
ESE	.2	.3	.7	.1								1.3	7.2
SE	.3	.9	1.0	.2								2.3	6.6
SSE	.3	1.2	1.7	.6	.1							3.9	8.0
S	.5	2.0	2.2	.4								5.1	6.9
SSW	.1	1.0	1.8	.3	.0							3.2	7.8
SW	.3	.8	1.5	.7	.1							3.5	8.2
WSW	.4	.8	1.7	.2		.0						3.2	7.1
W	1.1	2.2	2.2	.2								5.8	6.3
WNW	1.6	2.6	2.7	.4								7.4	6.1
NW	1.9	2.3	1.9	.0								6.1	5.3
NNW	1.6	1.9	1.1	.1								4.6	4.8
VARBL													
CALM												17.1	
	18.1	32.6	28.3	3.7	.2	.0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2909

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILUXI YEARS 42-74 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 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	2.0	1.8	.2								6.4	5.3
NNE	1.0	2.1	1.7	.3								5.1	6.2
NE	.7	1.6	1.4	.1								3.8	5.9
ENE	.7	1.2	1.6	.1								3.7	6.3
E	.5	1.4	1.2	.3	.1							3.5	6.7
ESE	.3	1.1	1.8	1.0								4.2	8.0
SE	.2	1.4	3.4	1.0								6.0	8.2
SSE	.8	3.5	5.8	1.1	.2							11.5	7.7
S	1.2	4.2	6.0	.8	.0							12.2	6.9
SSW	.5	3.2	5.8	1.3	.1							10.9	7.8
SW	.4	1.4	2.9	1.0	.0							5.8	8.1
WSW	.3	.9	1.7	.7	.0							3.7	8.1
W	.6	1.7	1.6	.3								4.2	6.5
WNW	1.1	1.7	1.6	.3	.0							4.8	6.2
NW	1.1	1.3	.9	.3								3.5	5.5
NNW	1.1	1.8	1.0	.1								4.0	5.2
VARBL													
CALM												6.8	
	13.0	30.5	40.3	8.9	.5							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2903

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 13820 STATION NAME: KEESLER AFB MISSISSIPPI/BILDXI YEARS: 42-74 MONTH: JUN

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

CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4	1.5	.1	.1							3.6	6.8
NNE	.3	.8	.9	.4	.0							2.4	7.7
NE	.3	.4	.7	.1								1.5	6.5
ENE	.2	.4	.6	.3	.1	.0						1.6	8.3
E	.2	.5	.7	.3								1.8	7.6
ESE	.1	.5	1.6	1.3	.0							3.6	9.7
SE	.2	.7	4.0	2.0	.1							7.0	9.3
SSE	.5	2.4	10.5	2.5	.2							16.2	8.7
S	.7	4.7	14.1	3.1	.0	.0						22.7	8.2
SSW	.2	2.7	11.3	4.6	.1							18.8	9.2
SW	.2	.9	5.8	3.3	.1							10.3	9.7
WSW	.2	.5	1.0	.8	.1							2.7	9.2
W	.2	.4	.3	.5	.0							1.4	8.6
WNW	.1	.5	.9	.2	.0							1.7	7.9
NW	.2	.3	.5	.1								1.0	7.0
NNW	.3	.5	.6	.2	.1							1.6	7.1
VARBL													
CALM												2.0	
	4.5	17.8	54.9	19.8	1.0	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2915

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILUXI YEARS 42-74 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.0	1.8	.5								3.7	7.7
NNE	.3	.4	.8	.1		.0						1.7	7.0
NE	.2	.4	.5	.1								1.2	7.0
ENE	.2	.5	.5	.2								1.4	7.2
E	.3	.6	.6	.3								1.7	7.3
ESE	.2	.5	1.0	.9	.0	.0						2.7	9.3
SE	.2	.9	2.6	1.0		.0						4.8	8.7
SSE	.7	3.3	9.6	2.4	.1							16.2	8.4
S	.7	4.6	14.4	3.0	.0	.0						22.8	8.3
SSW	.5	2.3	11.2	4.7	.4							19.2	9.3
SW	.5	1.9	5.3	2.1	.1	.0						9.9	8.7
WSW	.3	.9	2.2	.9	.1							4.4	8.7
W	.2	1.1	1.0	.3								2.6	7.3
WNW	.1	.3	.9	.1	.0							1.5	7.8
NW	.3	.3	.5	.1								1.3	6.7
NNW	.3	.9	.6	.2	.0							2.0	6.7
VARBL													
CALM												3.0	
	5.3	19.9	53.6	17.0	.9	.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2925

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILOXI YEARS 42-74 MONTH JUN
 CLASS ALL WEATHER MONTH 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	1.1	.2								4.3	5.2
NNE	.6	.9	.8	.2	.0							2.5	6.2
NE	.4	.9	.5	.0	.0							2.0	5.4
ENE	.5	.8	.5	.0								1.9	5.1
E	.7	1.0	.6	.0	.0							2.3	5.2
ESE	.4	.9	.9	.4								2.6	7.0
SE	.5	1.6	2.0	.5	.1							4.7	7.3
SSE	1.6	3.0	4.6	1.3	.2							10.7	7.4
S	1.8	5.8	8.1	1.4	.1							17.3	7.0
SSW	1.6	4.0	6.6	1.9	.2							14.3	7.5
SW	1.5	3.1	3.4	.8	.1							8.9	6.8
WSW	.5	2.6	1.5	.4								5.4	6.0
W	1.2	1.9	.9									4.0	5.0
WNW	.7	.9	.3	.0		.0						2.0	5.1
NW	.6	.5	.4	.0			.0					1.6	5.6
NNW	.6	.8	.7									2.2	5.3
VARBL													
CALM												13.4	
	15.0	30.3	32.9	7.4	.8	.0	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2918

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILOXI YEARS 42-74 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.0	.9	.1								4.4	5.1
NNE	1.4	1.9	1.1	.1	.1	.0						4.6	5.4
NE	1.6	1.8	.7									4.1	4.4
ENE	.9	1.5	.6	.0								3.0	5.0
E	.8	.4	.3	.0								1.5	4.4
ESE	.5	.7	1.2	.2			.0					2.6	7.0
SE	.3	1.2	1.6	.3	.0							3.4	6.9
SSE	.6	2.2	4.2	1.8	.1							8.9	8.2
S	1.3	4.3	5.5	1.4	.2	.1						12.8	7.4
SSW	.9	3.1	4.8	1.3	.1	.0						10.2	7.6
SW	1.2	2.5	3.0	1.3	.2							8.2	7.4
WSW	.9	1.2	2.1	.2	.0							4.4	6.7
W	1.0	1.4	.8	.1								3.3	5.2
WNW	.8	1.1	.5	.0								2.5	5.0
NW	.7	.7	.3									1.7	4.5
N-V	.5	.8	.4	.2								2.0	5.5
VAR:													
CALM												22.2	
	14.7	26.9	28.1	7.1	.8	.2	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2499

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-65,73-74 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.7	1.0									5.3	4.2
NNE	1.9	1.8	.6	.1	.1							4.4	4.6
NE	2.0	2.0	.7	.0								4.7	4.3
ENE	1.3	1.7	.6	.0								3.5	4.7
E	.7	1.0	.3	.1								2.0	4.8
ESE	.5	.3	.9	.3								1.9	7.4
SE	.1	.2	.9	.0								1.2	7.7
SSE	.3	.8	1.3	.6	.0							3.0	7.8
S	.9	2.5	2.8	.3	.0							6.6	6.6
SSW	.3	2.1	2.5	.3	.0							5.3	7.0
SW	.8	2.0	2.9	.6	.1							6.4	7.2
WSW	1.0	1.9	2.0	.5	.1							5.5	6.8
W	2.0	4.4	2.7	.0								9.2	5.4
WNW	.7	1.9	1.1	.0								3.8	5.3
NW	1.4	1.9	.4	.0								3.8	4.3
NNW	1.0	.9	.5	.0								2.5	4.7
VARBL													
CALM												30.9	
	17.5	27.1	21.1	3.0	.4							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2361

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILDXI YEARS 42-65,67-74 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	3.5	1.0									8.1	4.1
NNE	2.5	3.0	.9	.1								6.6	4.5
NE	2.6	2.5	.7	.0								5.8	4.2
ENE	1.0	1.6	.5									3.1	4.5
E	.4	.5	.0									1.0	4.2
ESE	.2	.3	.3	.4								1.1	8.4
SE	.3	.5	.1	.0								.9	5.0
SSE	.3	.6	.7	.3								1.9	7.0
S	.6	1.2	1.3	.3	.0							3.4	6.7
SSW	.3	1.0	1.2	.4								2.9	7.3
SW	.5	1.5	1.7	.3	.1							4.2	7.0
WSW	1.0	1.9	.9	.2	.0							4.2	5.7
W	2.2	4.5	2.3	.3	.0							9.3	5.4
WNW	1.2	3.1	1.9	.1	.0							6.3	5.6
NW	2.3	2.6	.8	.1								5.8	4.4
NNW	1.8	1.1	.5	.0								3.4	4.1
VARBL													
CALM												32.1	
	20.9	29.4	14.8	2.5	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2741

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI 42-74 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	3.5	3.9	1.2	.1								8.7	4.4
NNE	3.2	4.2	2.4	.1	.0							9.9	4.9
NE	2.6	2.9	1.4	.0								7.0	4.6
ENE	1.5	2.4	1.4	.0								5.3	5.1
E	.8	1.4	.4	.0								2.7	4.9
ESE	.2	.5	.4	.1	.0							1.2	6.9
SE	.2	.4	.3	.1								1.0	5.8
SSE	.3	.6	.6	.2								1.7	6.8
S	.3	1.0	1.1	.2								2.7	7.0
SSW	.3	.9	.8	.1	.0							2.1	6.5
SW	.3	.9	.9	.2	.0							2.3	7.3
WSW	.3	1.3	1.2	.2	.0							3.0	6.8
W	1.3	3.3	3.0	.6								8.2	6.3
WNW	1.9	3.5	2.8	.6								8.8	6.1
NW	2.2	4.2	1.9	.2	.0							8.6	5.1
NNW	2.3	2.6	1.3	.1								6.3	4.8
VARBL													
CALM												20.5	
	21.2	34.1	21.2	2.8	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 3089

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 13820 STATION NAME: KEESLER AFB MISSISSIPPI/BILUXI YEAR: 42-74 MONTH: JUL
 CLASS: ALL WEATHER HOURS (L.S.T.): 0900-1100
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.6	1.1	.1		.0						7.3	4.8
NNE	.9	1.8	1.4	.2	.0							4.3	6.0
NE	.9	1.6	1.3	.1								3.8	5.5
ENE	.7	1.8	1.3	.1	.1							3.9	6.0
E	1.0	1.9	.9	.2								3.9	5.4
ESE	.3	1.0	1.6	.4								3.3	7.5
SE	.4	1.6	2.3	.3	.0							4.7	7.1
SSE	.9	2.3	3.6	.3	.0							7.1	6.8
S	1.1	4.2	4.9	.4	.0							10.6	6.5
SSW	.7	3.4	5.1	.7	.1	.0						10.1	7.4
SW	.5	1.3	3.0	.8	.1	.0						5.7	7.9
WSW	.5	.9	1.5	.4	.0							3.3	7.4
W	1.0	2.5	2.3	.5	.0							6.3	6.4
WNW	1.6	2.0	3.0	.6		.0						7.1	6.5
NW	1.3	2.6	1.5	.1								5.4	5.5
NNW	1.6	2.4	1.0	.3								5.2	5.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	7.8	
	15.8	35.0	35.7	5.2	.4	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 3095

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	1.1	.2	.1							3.5	6.3
NNE	.4	1.2	.8	.2								2.5	6.1
NE	.3	.5	.6	.1	.0							1.6	6.4
ENE	.2	.4	.4	.1	.0							1.0	6.8
E	.4	.4	.7	.2								1.7	6.8
ESE	.1	.8	1.7	.7	.1							3.4	8.9
SE	.3	1.1	3.6	.9		.0						5.9	8.3
SSE	.3	2.6	8.3	1.4	.0							12.7	8.3
S	.7	4.7	13.6	1.9	.1							20.9	8.0
SSW	.6	2.5	12.7	3.5	.2							19.5	8.9
SW	.2	1.4	5.7	3.3	.4							11.0	9.7
WSW	.4	.7	1.5	.9	.1	.0						3.7	8.7
W	.4	.8	1.3	.4								2.9	7.3
WNW	.2	.8	1.0	.4								2.3	7.6
NW	.5	.9	.6	.1								2.1	5.5
NNW	.4	.8	.8	.1	.0							2.1	6.3
VARBL													
CALM												3.2	
	5.9	21.1	54.5	14.1	1.1	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 3127

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.6	.8	.3								3.2	6.3
NNE	.4	1.0	.8	.4								2.6	6.9
NE	.3	.7	.5		.0							1.5	5.7
ENE	.3	.2	.7	.2	.0	.0						1.5	7.9
E	.6	1.0	.8	.2								2.5	6.2
ESE	.3	.8	1.1	.5								2.8	7.5
SE	.3	1.2	2.3	.8								4.6	7.9
SSE	.6	2.4	6.5	1.2	.1							10.8	8.0
S	1.0	5.6	11.8	1.7	.1							20.2	7.6
SSW	.7	2.9	10.0	3.7	.2							17.4	8.8
SW	.5	1.8	7.2	2.7	.1							12.4	9.0
WSW	.3	1.2	2.9	1.7	.2							6.2	8.9
W	.6	1.5	1.3	.2	.0							3.7	6.2
WNW	.4	.9	.7	.1								2.1	6.0
NW	.3	1.1	.3	.1								1.8	5.4
NNW	.4	.9	.6	.2								2.1	6.4
VARBL													
CALM												4.7	
	7.5	24.8	48.4	13.9	.7	.0						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 3151

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUL
STATION STATION NAME YEARS MONTH
 ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.5	.8	.1	.1							3.9	5.2
NNE	1.0	1.5	.8	.1								3.5	5.1
NE	.5	1.3	.6	.1								2.5	5.3
ENE	.7	.9	.6	.1								2.3	5.5
E	.9	1.2	.5	.1								2.7	5.0
ESE	.8	.9	.8	.2	.0							2.6	6.0
SE	1.4	1.4	1.5	.2								4.5	5.6
SSE	1.1	2.4	2.7	.3								6.6	6.4
S	2.2	6.4	4.5	.6	.1							13.8	6.1
SSW	1.5	4.1	5.1	1.4	.1							12.2	7.2
SW	1.1	3.8	4.0	.8	.0							9.7	6.8
WSW	1.1	2.7	2.2	.4								6.3	6.2
W	1.3	2.4	1.2	.2								5.2	5.3
WNW	.3	1.0	.7	.0		.0						2.1	6.2
NW	.8	.9	.5	.1								2.3	5.1
NNW	.9	.8	.4	.2								2.3	4.9
VARBL													
CALM												17.7	
	17.0	33.2	26.9	4.7	.4	.0						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 3066

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.9	.7	.1	.0							4.6	4.7
NNE	1.5	2.2	1.0	.1								4.8	5.1
NE	1.4	2.6	.8									4.8	4.8
ENE	1.1	1.4	.5	.1								3.0	4.9
E	1.0	1.2	.4	.0								2.7	4.5
ESE	.6	.7	.6	.3	.0							2.1	6.3
SE	.6	1.1	1.2	.1								3.0	6.1
SSE	1.1	1.9	2.6	.3								6.0	6.3
S	1.5	4.0	2.6	.5								8.6	6.0
SSW	.8	2.8	3.4	.4								7.5	6.7
SW	.9	2.3	2.9	.7	.1							6.9	7.2
WSW	1.0	1.7	2.3	.4	.0							5.5	6.7
W	1.9	3.0	1.2	.0								6.1	4.6
WNW	.8	1.0	.5									2.4	4.7
NW	.9	.9	.3									2.2	4.3
NNW	.9	.5	.3									1.6	4.1
VARBL													
CALM												28.1	
	17.8	29.3	21.4	3.1	.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2672

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI STATION NAME 42-65,69,73-74 YEARS AUG MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.9	3.3	.8	.0								7.0	4.1
NNE	3.0	3.0	1.3	.1								7.5	4.6
NE	3.1	4.0	1.6	.0								8.7	4.6
ENE	1.3	2.9	1.1									5.3	5.0
E	.9	1.1	.6	.1								2.8	5.2
ESE	.2	.3	.6	.2								1.3	7.2
SE	.3	.4	.5	.1								1.3	6.2
SSE	.3	1.2	1.1	.3	.2						.0	3.0	8.2
S	.7	1.7	2.0	.4				.0	.0			4.8	7.3
SSW	.4	.9	2.0	.3								3.7	7.2
SW	.9	1.2	1.9	.4								4.3	6.6
WSW	.6	1.0	1.4	.4								3.4	6.6
W	1.5	3.1	1.4	.1								6.1	5.1
WNW	1.1	1.5	.6	.2								3.4	5.2
NW	1.8	1.6	.9	.0								4.4	4.7
MNW	1.6	1.3	.7	.1								3.6	4.5
VARBL													
CALM												29.4	
	20.6	28.5	18.5	2.6	.2			.0	.0		.0	100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2464

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-65,67-74 AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.5	4.5	1.5	.1								11.6	4.1
NNE	4.3	4.2	1.5	.1	.0							10.2	4.4
NE	2.8	3.9	2.2	.1								9.0	5.0
ENE	.9	1.8	1.4	.1								4.2	5.8
E	.6	1.1	.6	.1								2.4	5.5
ESE	.1	.3	.2	.0								.6	6.1
SE	.1	.1	.5	.1	.0							.8	8.5
SSE	.3	.5	.5	.1	.1	.0						1.5	7.4
S	.3	.7	1.0	.1		.0		.0	.0			2.2	7.8
SSW	.4	.4	1.0	.1	.0							2.0	7.2
SW	.3	.9	1.0	.3								2.4	6.7
WSW	.3	1.3	.8	.1								2.5	6.1
W	1.9	2.8	2.0									6.7	5.2
WNW	1.2	1.7	1.6	.3								4.7	5.8
NW	2.0	2.1	1.4	.0								5.6	4.8
NNW	1.8	1.9	.9	.1								4.7	4.6
VARBL													
CALM												29.1	
	22.7	28.3	18.1	1.6	.2	.1		.0	.0			100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2796

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 YEARS AUG MONTH
ALL WFAATHER 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	7.1	5.4	2.0	.2								14.6	4.2
NNE	4.2	5.7	2.7	.1	.1							12.8	4.9
NE	3.2	5.3	3.1	.1								11.7	5.2
ENE	1.3	2.5	2.7	.2								6.8	6.0
E	.5	1.4	1.4	.1								3.3	6.2
ESE	.4	.4	.5	.1								1.4	6.0
SE	.2	.2	.3	.1								.7	6.9
SSE	.2	.4	.4									1.0	5.8
S	.3	.5	.6	.2	.1							1.7	7.0
SSW	.2	.3	.6	.1	.1							1.3	8.1
SW	.2	.4	.6	.3								1.4	7.2
WSW	.3	.6	.6	.2								1.7	6.4
W	.9	2.0	1.5	.1								4.5	5.7
WNW	1.2	2.2	2.0	.4								5.8	6.2
NW	1.5	2.3	1.8	.4								6.0	5.7
NNW	1.9	2.2	1.5	.1								5.8	5.0
VARBL													
CALM												19.5	
	23.4	31.9	22.2	2.6	.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 3102

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	4.1	2.3	.3								9.8	5.0
NNE	1.9	3.2	2.1	.2								7.4	5.5
NE	1.0	2.6	1.9	.3								5.8	6.0
ENE	1.0	2.4	2.4	.5								6.3	6.4
E	1.2	2.2	1.8	.4	.0							5.6	6.2
ESE	.4	1.3	1.6	.5	.1							3.9	7.3
SE	.6	1.3	2.0	.4								4.3	7.0
SSE	.6	2.4	2.5	.5								5.9	6.8
S	1.3	3.7	3.6	.5	.0							9.1	6.4
SSW	.6	2.6	4.1	.7	.0							8.1	7.3
SW	.4	1.1	2.6	.4	.0							4.5	7.7
WSW	.3	.9	1.1	.1								2.4	6.5
W	1.0	1.5	1.4	.3								4.1	6.0
WNW	1.3	2.0	2.0	.2								5.4	5.9
NW	.8	1.2	1.5	.2								3.8	6.2
NNW	1.4	1.5	1.1	.1				.0				4.1	5.6
VARBL													
CALM												9.5	
	16.7	34.2	33.5	5.5	.2			.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 3111

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 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	1.1	1.7	1.6	.3	.1	.0						4.9	6.3
NNE	.6	1.2	1.0	.4	.0							3.2	6.7
NE	.3	1.0	1.2	.3	.0							2.8	7.3
ENE	.3	.8	1.1	.3	.1							2.6	7.5
E	.4	.8	1.1	.3	.1							2.7	7.2
ESE	.4	1.3	1.8	.6	.1							4.1	7.8
SE	.4	1.7	3.5	1.4	.1	.0						7.2	8.4
SSE	.4	2.6	8.3	1.7	.1							13.2	8.3
S	.7	5.1	12.5	2.1	.1							20.8	7.8
SSW	.5	2.9	9.6	3.3	.1							16.4	8.7
SW	.2	1.0	5.0	2.0	.1							8.3	9.1
WSW	.2	.6	1.2	.4								2.5	7.9
W	.5	.6	1.0	.3	.1							2.4	7.4
WNW	.3	.6	.7	.2								1.8	6.9
NW	.5	.5	.6	.1								1.7	5.9
NNW	.4	.6	.8	.3								2.0	6.7
VARBL													
CALM												3.2	
	7.5	23.2	51.0	14.1	.9	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 3144

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILDXI YEARS 42-74 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.5	1.8	.4	.1							4.6	6.6
NNE	.5	1.0	1.3	.1		.0	.0					3.0	6.9
NE	.4	.7	1.2	.2	.0	.0						2.5	7.0
ENE	.1	.6	.9	.4	.0	.0						2.1	8.3
E	.6	.9	1.0	.2	.0							2.7	6.3
ESE	.3	1.3	1.4	.3	.1							3.3	7.1
SE	.4	1.4	3.4	1.1	.1							6.5	8.2
SSE	.7	3.3	6.0	1.2	.0							11.3	7.5
S	1.4	6.1	10.3	2.0	.0							19.9	7.3
SSW	.6	3.3	9.1	2.9	.2		.0					16.2	8.6
SW	.4	2.0	5.2	2.0	.0							9.6	8.6
WSW	.5	1.3	2.3	.8	.0	.0						5.0	8.0
W	.5	.9	1.0	.2								2.5	6.3
WNW	.3	.7	.6	.3	.0							2.0	7.2
NW	.1	.5	.5	.1					.0			1.3	7.7
NNW	.6	.7	.8	.3	.1							2.5	6.7
VARBL													
CALM												5.1	
	8.3	26.3	46.9	12.5	.7	.1	.1		.0			100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 3105

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 AUG

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.4	.9	.2	.0							5.4	5.0
NNE	1.5	1.8	1.0	.3								4.7	5.4
NE	1.2	1.5	.9	.1	.0	.0						3.8	5.3
ENE	.6	1.1	.8	.1	.1					.0		2.8	6.6
E	1.5	1.5	.6	.1				.0				3.7	4.8
ESE	.6	1.4	1.2	.1								3.3	6.1
SE	.8	2.3	1.6	.0	.0							4.8	5.8
SSE	1.2	3.3	1.7	.2	.1	.0	.0					6.5	6.0
S	2.7	5.9	3.0	.7								12.3	5.6
SSW	1.3	3.7	4.1	.8	.0							9.9	6.7
SW	1.5	2.7	3.3	.7								8.2	6.6
WSW	.6	2.1	1.6	.3								4.5	6.3
W	1.2	1.8	.7	.1	.1							3.8	5.2
WNW	.6	.8	.5	.1								1.9	5.3
NW	.6	1.1	.4	.1								2.1	4.9
NNW	.8	1.2	.5	.1	.1							2.6	5.5
VARBL													
CALM												19.8	
	18.3	34.6	22.8	3.9	.5	.1	.0	.0		.0		100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3085

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 42-74 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	2.6	2.2	1.0	.1								6.0	4.5
NNE	2.0	2.8	1.3	.1								6.3	4.9
NE	2.5	2.9	1.5	.0								7.0	4.7
ENE	1.4	2.1	1.2	.3								4.9	5.5
E	1.1	1.4	.6	.0							.1	3.3	5.9
ESE	.4	.7	.4								.0	1.6	6.8
SE	.4	1.3	1.0	.1	.0	.0						2.8	6.2
SSE	.5	1.0	1.3	.3	.0	.0						3.2	7.2
S	1.3	3.0	2.7	.6	.1							7.7	6.5
SSW	1.0	1.9	3.3	.6								6.7	7.0
SW	.6	1.4	2.2	.6								4.9	7.2
WSW	.9	1.4	1.3	.1								3.7	5.6
W	1.2	1.7	1.1	.0								4.1	5.1
WNW	.7	1.3	.7	.1								2.7	5.3
NW	1.1	.9	.4									2.4	4.2
NNW	1.4	1.1	.5		.0							3.1	4.3
VARBL													
CALM												29.8	
	19.1	27.2	20.6	3.0	.2	.1					.1	100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2696

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILOXI YEARS 42-65,69,71,73-74 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.2	4.7	3.0	.8	.0							11.7	5.7
NNE	2.4	3.9	5.0	1.5	.1	.0	.0					13.0	7.0
NE	2.6	6.3	4.6	.6	.1	.1	.0					14.3	6.2
ENE	1.0	2.9	3.3	1.1	.1	.0						8.4	7.2
E	.6	1.4	1.5	.5								4.0	6.9
ESE	.3	.6	.8	.4		.0	.1					2.2	8.9
SE	.2	.7	1.5	.8								3.2	8.4
SSE	.2	.8	1.4	.6	.0							3.0	8.3
S	.2	1.4	2.8	.7	.1	.0						5.3	8.4
SSW	.2	.6	1.3	.5								2.5	8.2
SW	.5	.3	.5	.1								1.5	5.9
WSW	.3	.3	.4	.1								1.1	6.2
W	.5	.6	.6	.1								1.8	5.9
WNW	.6	.5	.4	.0								1.5	5.3
NW	.9	1.1	.4									2.5	4.4
NNW	1.2	1.4	.9	.1	.1							3.7	5.6
VARBL													
CALM												20.2	
	14.8	27.6	28.5	7.8	.6	.3	.2					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2321

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-65,67-74 SEP
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.3	6.1	4.0	1.1	.1							14.5	5.9
NNE	3.3	5.5	5.8	1.4	.2	.0	.1	.0				16.4	6.8
NE	3.0	6.0	5.5	.7	.0							15.3	6.0
ENE	1.3	2.6	3.8	.8	.1							8.5	7.2
E	.4	1.2	1.1	.3		.0						3.0	6.8
ESE	.2	.4	.7	.2	.1	.0						1.7	8.4
SE	.2	.7	.7	.4	.1	.1						2.2	8.9
SSE	.2	.5	.8	.2								1.7	7.6
S	.2	.9	1.5	.8	.1	.0						3.5	8.9
SSW	.2	.4	1.0	.5								2.0	8.7
SW	.7	.3	.2	.2								1.4	5.4
WSW	.1	.4	.2	.0								.7	5.8
W	.6	.8	.3	.1								1.7	4.8
WNW	.6	.6	.5	.1								1.7	5.3
NW	1.2	1.1	.5	.1								2.8	4.7
NNW	.7	1.5	1.1	.1	.1	.0						3.5	6.2
VARBL													
CALM												19.3	
	16.1	28.8	27.6	7.1	.7	.3	.1	.0				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2632

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 SEP
STATION NAME YEAR 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	3.4	5.3	4.1	.9	.1							13.8	5.9
NNE	3.5	6.4	6.3	1.7	.1		.1	.0				18.2	6.7
NE	2.9	7.3	7.1	1.6	.2				.0			19.1	5.7
ENE	1.2	4.3	5.1	1.1	.1			.0				11.6	7.1
E	.6	2.2	2.4	.4	.1							5.7	6.8
ESE	.2	.6	.5	.3	.1	.1	.1					1.9	9.3
SE	.2	.6	.6	.3	.0	.0						1.8	7.9
SSE	.1	.4	.7	.2	.1	.1						1.5	8.5
S	.3	.4	.9	.5	.1							2.2	8.3
SSW	.2	.5	.6	.3	.1							1.8	8.2
SW	.2	.4	.3	.3	.1							1.3	8.3
WSW	.2	.2	.2	.1	.1							.8	7.0
W	.3	.7	.4	.1								1.5	5.9
WNW	.5	.6	.5									1.7	5.3
NW	.5	1.1	1.1	.0								2.7	5.9
NNW	.8	1.2	1.2	.2	.0							3.5	6.1
VARBL													
CALM												11.0	
	15.0	32.4	32.0	8.0	1.1	.2	.2	.1	.0			100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2948

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74 SEP
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	3.7	3.4	1.2	.2	.0						10.6	6.8
NNE	.7	3.4	4.4	1.9	.2	.0						10.8	8.1
NE	1.4	4.3	5.2	2.0	.1		.0			.1		13.0	7.8
ENE	1.1	3.7	5.2	1.3	.1		.0					11.4	7.4
E	1.2	3.5	4.1	1.2								10.0	7.0
ESE	.5	1.5	2.6	1.1	.1	.0						5.9	8.2
SE	.4	1.3	2.2	1.0	.0			.0				5.0	8.2
SSE	.6	1.5	2.9	.9	.1	.0	.0					6.0	8.0
S	1.1	2.4	3.0	.5	.1		.0					7.1	7.0
SSW	.4	1.3	2.1	.2	.1		.1					4.2	7.6
SW	.3	.4	1.2	.3	.0							2.3	8.2
WSW	.3	.1	.7	.4	.0							1.5	8.6
W	.2	.6	.4	.1								1.3	6.3
WNW	.2	.7	.2	.0	.0							1.2	5.9
NW	.5	.6	.8	.1	.0							2.1	6.3
NNW	.7	1.3	.9	.3								3.2	6.1
VARBL													
CALM												4.4	
	11.7	30.4	39.3	12.4	1.3	.1	.2	.0		.1		100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2932

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 SEP
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.1	2.8	1.6	.1							7.0	8.3
NNE	.3	1.5	3.5	1.4	.2							6.9	8.7
NE	.3	1.7	2.8	1.2	.2	.1						6.2	8.7
ENE	.3	1.2	2.1	.9	.1			.0				4.6	8.5
E	.2	1.4	3.1	1.4	.1							6.2	8.6
ESE	.2	1.0	3.4	1.8	.2	.1						6.7	9.6
SE	.5	2.0	5.6	2.3	.2	.1		.0				10.6	9.0
SSE	.7	3.0	7.4	2.8	.2	.1						14.2	8.5
S	.5	4.8	8.7	1.5	.1	.0						15.6	7.8
SSW	.4	1.5	5.4	1.7	.0	.0	.0		.0			9.1	8.9
SW	.1	.6	1.7	.8								3.2	8.9
WSW	.1	.3	1.0	.3	.1							1.8	9.3
W	.1	.3	.3	.1	.0							.9	7.3
WNW	.1	.3	.5	.1								1.0	7.4
NW	.1	.5	.5	.3	.0							1.5	7.8
NNW	.3	.6	1.5	.6	.0	.0	.0					3.1	8.5
VARBL													
CALM												1.3	
	4.8	22.8	50.2	18.8	1.6	.4	.1	.1	.0			100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2936

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 SEP
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.4	3.1	1.2	.1							7.5	7.7
NNE	.4	1.6	3.4	1.5	.1							7.1	8.5
NE	.4	1.2	2.3	.9	.2							4.9	8.6
ENE	.4	1.0	1.5	.7	.1	.0						3.7	8.5
E	.7	1.6	2.6	.8	.0							5.8	7.3
ESE	.2	1.6	2.9	1.3	.0							6.1	8.4
SE	.9	1.3	4.7	1.4	.1	.1	.0					8.9	8.2
SSE	1.0	3.8	6.0	2.0	.1	.1						12.9	7.8
S	1.3	5.7	6.1	1.2	.1							16.4	7.3
SSW	.7	2.6	4.6	1.6								9.5	7.8
SW	.4	1.5	2.2	.6	.0							4.8	7.5
WSW	.1	.5	1.2	.3	.1	.1						2.4	8.8
W	.3	.8	.3	.1		.0						1.4	6.0
WNW	.0	.2	.4	.0	.0							.8	8.0
NW	.2	.4	.6	.1		.0						1.3	7.1
NNW	.2	1.1	.8	.8	.0	.0	.1					2.9	8.6
VARBL													
CALM												3.5	
	7.8	27.9	44.6	14.7	1.1	.4	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2919

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 SEP
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.2	3.3	1.0	.0							9.3	6.4
NNE	1.0	3.0	2.8	.6	.0	.0						7.5	6.6
NE	1.0	3.2	2.2	.4	.3							7.0	6.6
ENE	.9	1.5	1.7	.8	.1							5.0	7.3
E	1.6	2.3	2.0	.2	.1							6.2	5.7
ESE	.9	1.8	2.3	.2								5.2	6.4
SE	.9	2.3	2.2	.6	.1							6.2	6.9
SSE	1.6	2.1	2.8	.7	.1							7.3	6.5
S	1.9	4.8	2.6	.7	.1							10.1	6.0
SSW	.5	2.1	1.8	.5	.0	.1						5.0	7.0
SW	.9	1.4	1.2	.3	.0							3.9	6.3
WSW	.5	.7	.4	.2	.1	.0						2.0	6.7
W	.5	.7	.3	.0								1.5	4.8
WNW	.3	.1	.3	.1								.9	5.9
NW	.5	.9	.4	.1								1.9	5.4
NNW	.5	.7	.5	.1	.1							1.9	6.7
VARBL													
CALM												19.0	
	15.6	30.9	26.8	6.6	1.0	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2910

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILOXI YEARS 42-74 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	4.3	3.2	.7								10.8	5.9
NNE	1.8	3.2	4.3	1.1	.0	.1						10.5	7.0
NE	2.3	4.3	3.7	.7	.1	.1						11.3	6.4
ENE	1.5	2.2	3.1	.7	.0	.0						7.6	6.9
E	1.4	1.5	2.1	.4	.0		.0					5.6	6.4
ESE	.4	.9	1.4	.5								3.2	7.3
SE	.5	1.5	1.4	.3	.1							3.9	7.0
SSE	.7	1.5	2.0	.5	.1							4.6	7.3
S	1.1	2.0	1.9	1.1	.0							6.2	7.1
SSW	.3	.9	1.1	.4		.0						2.8	7.5
SW	.5	.9	1.2	.1								2.8	6.2
WSW	.2	.2	.5	.3	.1							1.3	9.1
W	.6	.4	.2									1.3	4.4
WNW	.3	.4	.3									.9	4.9
NW	.8	.9	.4	.1								2.2	5.1
NNW	.5	.9	.7	.1	.0							2.2	6.1
VARBL													
CALM												22.8	
	15.5	26.0	27.7	7.1	.6	.3	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2553

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13J20 STATION NAME KEESLER AFB MISSISSIPPI/BILUXI YEARS 42-64, 69, 73-74 MONTH UCT
 CLASS ALL WEATHER MONTH 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	4.9	4.8	1.2	.3	.0						14.7	6.6
NNE	2.6	5.4	4.7	.8	.1	.1	.1					13.8	6.4
NE	3.2	5.3	5.3	.2								14.0	5.8
ENE	1.3	1.9	2.2	.8								6.2	6.6
E	1.0	1.2	1.7	.6								4.4	6.7
ESE	.3	.2	.9	.6	.0							1.9	8.7
SE	.4	.6	.9	.4	.0	.0						2.3	8.1
SSE	.4	.6	.9	.4	.0							2.3	7.8
S	.2	.7	1.2	.2	.1							2.3	7.2
SSW		.3	.6	.4								1.3	9.1
SW	.1	.6	.6	.1								1.5	7.0
WSW	.2	.5	.2									.9	5.4
W	.3	.6	.5	.2								1.5	6.4
WNW	.4	.5	.6	.0								1.5	5.8
NW	.6	1.8	1.1	.2								3.6	6.1
NNW	1.3	1.6	1.5	.8	.1	.1						5.5	6.9
VARBL													
CALM												22.4	
	15.6	26.7	27.6	6.7	.7	.3	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2342

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-65,67,69-74 OCT
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	5.6	5.7	1.4	.2	.1						16.7	6.5
NNE	2.9	5.7	5.4	1.0	.0		.1					15.1	6.4
NE	2.7	5.4	6.0	.6	.1							14.8	6.3
ENE	.9	2.7	3.2	1.0	.1							7.9	7.2
E	.6	.9	1.5	.3	.1							3.4	7.2
ESE	.3	.7	1.0	.3	.0							2.4	7.1
SE	.2	.6	.9	.2								1.9	6.9
SSE	.2	.5	.7	.2	.1							1.7	7.7
S	.3	.4	.8	.1	.0							1.6	7.1
SSW	.1	.3	.4	.3	.0							1.2	8.6
SW	.1	.3	.4	.1								.9	6.9
WSW	.2	.1	.1									.4	4.5
W	.2	.9	.4	.1								1.6	5.8
WNW	.4	.5	.9	.0								1.8	6.0
NW	.9	1.7	1.2	.1								3.9	5.6
NNW	1.2	1.9	1.5	.8								5.4	6.5
VAPBL													
CALM												19.2	
	14.9	28.4	30.1	6.5	.7	.1	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2669

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILDXI YEARS 42-67,69-74 MONTH JCT
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	6.2	6.0	1.7	.3							17.8	6.5
NNE	3.3	6.7	6.2	1.8	.1	.1	.0					18.1	6.6
NE	2.6	6.5	6.7	.7	.1							16.5	6.3
ENE	1.1	3.3	5.3	1.1								10.7	7.3
E	.6	2.0	2.0	.9	.1							5.6	7.4
ESE	.2	.6	.6	.5								1.9	7.9
SE	.3	.6	.6	.3								1.8	6.5
SSE	.2	.3	.6	.4	.0							1.5	8.2
S	.1	.3	.6	.5		.1						1.5	9.7
SSW	.1	.3	.3	.2	.1							1.0	8.6
SW	.0	.3	.1	.1								.5	6.6
WSW	.1	.1	.1									.3	6.4
W	.3	.6	.6									1.5	5.8
WNW	.3	.5	1.0	.1								2.0	7.2
NW	.8	1.2	1.3	.2								3.5	6.1
NNW	1.3	1.7	1.5	.6	.0							5.1	6.2
VARBL													
CALM												10.7	
	15.0	31.1	33.5	8.9	.6	.2	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2997

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILDXI STATION NAME 42-67,69-74 YEARS MONTH OCT

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	2.5	3.9	5.4	2.4	.2							14.5	7.4
NNE	1.7	3.8	5.4	1.8	.2	.1						12.9	7.5
NE	1.2	4.1	5.2	1.1	.1							11.6	7.1
ENE	1.0	3.2	5.0	1.5	.1							10.8	7.6
E	1.0	2.5	4.5	1.3	.1							9.5	7.7
ESE	.5	.8	2.8	1.9	.1							6.0	9.4
SE	.4	1.3	2.1	.5	.1							4.3	7.7
SSE	.4	1.9	2.3	1.1								5.6	7.7
S	.6	1.6	1.5	.4		.0	.1					4.2	7.0
SSW	.3	.7	1.0	.3								2.4	7.5
SW	.0	.4	.8	.4								1.6	8.4
WSW	.1	.2	.3	.0	.0							.8	7.0
W	.2	.5	.7	.3	.0							1.7	7.8
WNW	.2	.7	1.1	.3	.1							2.4	8.1
NW	.5	1.0	.7	.4								2.5	6.5
NNW	.6	1.0	1.7	.9	.2							4.4	8.1
VARBL													
CALM												4.7	
	11.2	27.6	40.7	14.5	1.1	.1	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2991

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 13820 STATION NAME: KEESLER AFB MISSISSIPPI/BILUXI YEARS: 42-67,69-74 MONTH: OCT
 CLASS: ALL WEATHER HOURS (L.S.T.): 1200-1400
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	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	2.3	5.0	2.6	.4							11.5	8.6
NNE	.7	1.9	4.1	1.3	.1	.1						8.2	8.2
NE	.3	1.3	2.4	.6	.1							4.7	7.8
ENE	.3	.8	1.3	.6	.1	.0						3.1	8.5
E	.1	1.1	2.3	1.4	.0							4.9	9.1
ESE	.2	.8	3.3	2.0	.3							6.5	9.8
SE	.4	1.8	3.9	1.9	.2							8.1	8.7
SSE	.5	3.3	7.3	2.5	.2							13.8	8.3
S	1.0	4.6	7.0	1.0	.1							13.7	7.2
SSW	.3	2.2	4.7	1.0	.0	.1						8.2	8.0
SW	.1	.5	2.0	.8	.0							3.5	9.1
WSW	.0	.3	.6	.6								1.6	9.2
W	.1	.4	.5	.4	.0							1.4	8.5
WNW	.1	.3	.8	.4	.1							1.8	9.5
NW	.2	.6	1.2	.6	.1							2.8	8.9
NNW	.3	1.2	1.8	1.4	.1							4.8	8.9
VARBL													
CALM												1.3	
	5.9	23.4	48.2	19.1	1.9	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2984

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILOXI YEARS 42-67,69-74 MONTH UCT
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.5	5.0	2.1	.3		.1					11.6	8.2
NNE	.8	2.8	3.1	1.1	.2	.0						8.0	7.7
NE	.3	1.6	1.4	.7	.0							4.1	7.6
ENE	.2	.7	1.1	.3	.1							2.3	7.8
E	.3	.9	2.2	.8	.1							4.3	8.5
ESE	.3	1.8	3.1	1.4	.0							6.6	8.3
SE	.4	1.8	4.2	1.3								7.8	8.0
SSE	1.3	3.5	4.1	1.4								10.3	7.2
S	2.1	6.3	4.2	1.1	.2							14.1	6.3
SSW	.9	3.9	3.5	.5								8.8	6.5
SW	.6	2.4	2.4	.5	.1							6.0	6.9
WSW	.2	.6	1.0	.4								2.2	7.8
W	.3	.5	.7	.2								1.7	7.0
WNW	.1	.4	.9	.4	.0							1.8	8.5
NW	.2	.8	.9	.4	.1							2.4	8.1
NNW	.2	1.0	2.0	.5	.3							4.0	8.7
VARBL													
CALM												3.8	
	9.5	32.4	39.9	13.1	1.3	.0	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 3001

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 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	4.2	3.2	1.2	.0	.1	.0					10.7	6.5
NNE	1.1	3.0	1.8	.3	.1							6.3	5.9
NE	1.1	2.4	1.7	.5	.0							5.7	6.2
ENE	.8	1.3	1.1	.1								3.4	5.7
E	1.7	2.8	2.4	.2	.2							7.2	6.0
ESE	1.1	1.7	1.6	.5	.1							4.9	6.5
SE	.7	1.9	1.4	.6								4.7	6.5
SSE	1.1	1.2	1.4	.5	.0							4.3	6.5
S	1.7	2.2	1.6	.5								6.0	5.8
SSW	.8	1.1	1.0	.4								3.4	6.4
SW	1.2	1.0	.4	.1	.1							2.8	5.2
WSW	.6	.5	.5	.1								1.7	5.3
W	.7	.7	.4	.0								1.6	4.8
WNW	.8	.3	.3	.1								1.5	4.9
NW	.9	1.1	.9	.2								3.1	5.9
NNW	.7	1.0	1.7	.6	.2	.0						4.4	8.0
VARBL													
CALM												28.0	
	17.1	26.5	21.6	5.9	.7	.1	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2978

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74 OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	4.4	4.0	1.4	.2	.1						12.3	6.9
NNE	2.3	4.1	2.8	.6	.0							9.9	5.8
NE	2.1	4.3	2.6	.4	.0							9.5	5.6
ENE	1.5	1.9	1.6	.3								5.3	5.8
E	1.4	2.3	1.9	.5	.0							6.2	6.1
ESE	.5	.6	1.1	.6	.0	.0						2.8	8.2
SE	.3	1.0	1.1	.2	.0							2.7	6.6
SSE	.6	.6	1.1	.6	.1	.0						3.0	7.7
S	.5	1.4	1.6	.5								3.8	6.8
SSW	.2	.6	.7	.4								1.9	7.7
SW	.3	.3	.6	.1								1.3	6.7
WSW	.2	.3	.2	.1								.8	5.7
W	.5	.4	.6	.1								1.6	6.1
WNW	.5	.6	.5	.1								1.7	5.9
NW	.6	1.6	1.0	.4								3.6	6.3
NNW	1.1	1.6	1.6	.8	.1	.1						5.3	7.4
VAREL													
CALM												28.4	
	14.9	25.9	22.9	7.1	.5	.3						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 2630

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI STATION NAME 42-64, 73-74 YEARS MONTH NOV
 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	3.5	3.6	5.5	2.3	.4							15.2	7.2
NNE	2.5	3.9	2.8	1.7	.1							11.1	6.7
NE	2.0	3.7	2.6	.6	.2							9.2	6.1
ENE	.9	1.3	2.0	.3								4.5	6.5
E	1.7	1.3	1.0	.4	.0							4.4	5.7
ESE	.3	.7	1.1	.5	.1							2.7	8.4
SE	.1	.5	1.1	.6								2.3	8.5
SSE	.6	.6	2.4	1.0	.1	.1						4.8	8.7
S	.3	1.0	2.0	1.4	.1							4.8	8.7
SSW	.2	.5	1.4	.3								2.5	8.2
SW	.6	.8	1.3	.4	.1							3.2	7.2
WSW	.1	.3	.5	.1								1.0	6.9
W	.8	1.2	.8	.2								2.9	5.6
WNW	.7	1.0	1.4	.2								3.3	6.7
NW	1.1	.7	1.4	.6	.1	.0	.0					3.9	7.4
NNW	1.2	1.1	1.9	1.5	.3	.0						6.1	8.5
VARBL													
CALM												18.1	
	16.7	22.0	29.1	12.2	1.6	.2	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2293

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-65, 67-74

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS.

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	4.6	6.2	1.8	.4							15.4	7.3
NNE	3.9	3.5	4.7	1.9	.2	.0						14.2	6.7
NE	2.4	3.9	3.6	.8	.2	.0						10.9	6.4
ENE	.9	1.7	2.6	.2								5.4	6.5
E	.7	1.1	1.3	.3								3.4	6.4
ESE	.5	.7	.8	.4								2.4	6.9
SE	.3	.8	.8	.4	.1							2.3	7.3
SSE	.4	.5	1.0	.6								3.2	8.2
S	.4	1.5	1.7	.8	.1							4.4	8.1
SSW	.2	.7	.9	.3	.1							2.1	8.2
SW	.2	.6	.9	.3								2.0	7.7
WSW	.2	.2	.4	.2		.0						1.1	7.3
W	.4	1.0	.4	.2								2.0	5.8
WNW	.7	.8	1.2	.4	.1							3.1	7.0
NW	1.5	1.2	1.3	.7	.0	.0						4.9	6.5
NNW	1.4	1.6	1.9	1.0	.4	.0						6.4	7.8
VARBL													
CALM												16.9	
	16.4	24.3	30.4	10.1	1.6	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

2503

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 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	3.0	4.0	5.7	2.4	.6	.1						15.8	7.6
NNE	3.6	4.6	5.7	1.7	.3							15.9	6.7
NE	1.9	4.5	4.2	.8	.0	.2						11.7	6.5
ENE	1.2	3.2	3.5	.8	.1							8.7	6.9
E	.9	1.5	1.4	.3								4.2	6.1
ESE	.3	.6	.8	.3								2.1	6.9
SE	.2	.8	1.2	.2	.1							2.5	7.3
SSE	.3	.5	1.2	.5	.1							2.6	8.6
S	.3	1.1	1.5	.4	.1							3.3	7.3
SSW	.1	.9	.8	.5	.1							2.3	8.4
SW	.2	.7	.8	.2								1.8	7.1
WSW	.2	.4	.5	.1								1.2	6.8
W	.5	.9	.6	.3								2.3	6.5
WNW	.6	.8	1.3	.3								2.9	6.7
NW	.8	1.1	1.5	.7	.0							4.1	7.1
NNW	.9	1.1	1.7	1.0	.5	.2						5.4	9.0
VAPBL													
CALM												13.1	
	15.2	26.7	32.4	10.4	1.8	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 3041

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 NOV
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	2.9	5.0	3.7	.6	.1						14.2	8.8
NNE	1.5	2.7	4.5	2.2	.4	.1						11.4	8.2
NE	1.2	2.9	3.4	.8	.2	.1						9.1	7.3
ENE	1.4	3.6	3.6	.7	.0							9.3	6.6
E	1.0	2.3	3.5	.7	.0							7.6	7.0
ESE	.5	1.2	2.7	1.5	.0							5.9	8.5
SE	.3	1.1	2.7	.9	.1							5.0	8.4
SSE	.3	1.4	2.4	1.0	.0						→0	5.2	8.4
S	.4	1.7	2.1	.7	.1							5.0	7.6
SSW	.4	.9	1.4	.9								3.5	7.9
SW	.0	.4	1.1	.6								2.2	9.0
WSW	.2	.4	.7	.4								1.7	8.4
W	.4	.7	.7	.3	.0							2.1	7.3
WNW	.4	.6	1.0	.5	.1							2.7	7.9
NW	.6	1.1	1.4	1.1	.1	.0						4.4	8.5
NNW	1.0	1.2	2.0	1.4	.5	.1						6.3	9.0
VARBL													
CALM												4.5	
	11.5	25.1	38.9	17.3	2.2	.4					→0	100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 3050

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 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 - 35	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.8	5.2	3.7	.7	.0						13.3	9.1
NNE	.6	1.8	3.2	1.6	.2							7.3	8.5
NE	.6	1.5	1.5	.3	.1	.0	.0					4.1	7.1
ENE	.3	.8	1.5	.2	.0							2.8	7.3
E	.3	1.2	1.5	.8								3.8	7.9
ESE	.2	1.1	3.0	2.2	.1							6.6	9.5
SE	.4	1.6	5.1	3.1	.0							10.1	9.1
SSE	.7	3.0	4.5	1.4		.0						9.7	7.6
S	.9	4.4	5.0	.8	.2							11.2	7.1
SSW	.4	2.3	4.1	.9	.0	.0						7.8	7.9
SW	.1	.6	2.0	1.1								3.9	9.1
WSW	.1	.3	1.0	.5								2.0	9.2
W	.2	.4	1.1	.2								2.0	7.7
WNW	.2	.5	.9	.7								2.3	8.9
NW	.2	.8	1.7	1.2	.5							4.3	10.1
NNW	.2	.8	2.7	2.6	.6							6.9	10.7
VARBL													
CALM												1.9	
	6.5	23.9	43.9	21.2	2.4	.1	.0					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 3007

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 NOV
STATION STATION NAME YEARS MONTH
 ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.6	5.1	3.1	.4							13.7	8.2
NNE	.5	2.1	2.5	1.0	.1	.1						6.3	7.8
NE	.6	.9	1.6	.3	.1							3.5	6.9
ENE	.1	.6	.7	.3	.0							1.7	7.9
E	.7	1.5	1.9	.5	.1							4.6	7.0
ESE	.5	2.6	3.6	1.4								8.1	7.8
SE	.9	2.2	4.1	1.5								8.6	7.7
SSE	1.5	2.8	3.8	.7	.1							8.9	6.8
S	1.6	4.0	3.6	.5	.1							9.8	6.4
SSW	1.4	2.9	3.0	.5	.2							8.0	6.7
SW	.6	1.8	2.0	.6	.1							5.1	7.0
WSW	.4	.4	.8	.5								2.1	8.1
W	.4	.5	.6	.2								1.6	6.3
WNW	.2	.3	1.1	.3	.1	.0						2.0	9.0
NW	.3	.7	1.7	1.0	.1							3.9	8.7
NNW	.7	1.3	2.9	1.8	.4							7.1	9.1
VARBL													
CALM												4.8	
	11.7	28.3	39.1	14.1	1.9	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2991

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILUXI YEARS 42-74 MONTH NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.8	3.1	4.0	1.9	.2	.0						12.1	7.1
NNE	1.2	1.6	2.1	.6	.2							5.8	7.0
NE	.9	1.2	1.3	.4								3.8	6.1
ENE	.8	1.0	1.2	.5								3.6	6.6
E	1.5	2.4	2.4	.4	.0							6.8	6.0
ESE	1.3	2.2	2.6	.9	.1							7.0	6.8
SE	.5	1.4	1.6	.9	.0							4.5	7.5
SSE	.7	1.8	1.9	1.1	.1							5.6	7.7
S	.7	1.3	1.9	.5	.1							4.6	7.3
SSW	.5	1.1	1.3	.6								3.4	7.4
SW	.4	.6	.7	.6	.0							2.3	7.8
WSW	.5	1.0	.5	.1	.0							2.2	6.1
W	.9	1.1	.4	.2	.0							2.7	5.5
WNW	.2	.8	1.0	.2	.1	.1						2.4	7.8
NW	1.0	1.5	1.0	.6	.0	.0						4.1	6.8
NNW	1.3	1.6	2.3	.9	.1							6.3	7.3
VARBL													
CALM												22.8	
	15.5	23.9	26.3	10.3	1.0	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2980

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILUXI YEARS 42-74 MONTH NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	4.0	4.6	2.0	.3							13.0	7.3
NNE	1.9	2.5	2.6	1.7	.2							8.9	7.3
NE	1.7	2.1	1.6	.4	.1	.0						5.9	5.9
ENE	1.1	1.9	1.3	.2								4.5	5.7
E	1.1	1.9	2.1	.6	.0							5.7	6.5
ESE	.7	1.3	1.5	.7								4.3	7.0
SE	.4	.4	1.8	.7								3.4	8.1
SSE	.3	1.2	2.1	1.1	.1							4.8	8.5
S	.3	1.2	1.8	.6	.1							4.0	7.9
SSW	.3	.7	1.6	.6								3.1	8.1
SW	.3	.5	1.1	.4	.1							2.5	8.0
WSW	.2	.4	.9	.5	.0							2.0	8.6
W	.7	1.0	.5	.1								2.3	5.2
WNW	.5	.6	.8	.3		.0						2.3	7.1
NW	1.1	1.8	1.5	.4	.0	.0	.0					4.9	6.6
NNW	1.1	1.2	2.6	1.1	.1							6.1	8.0
VARBL													
CALM												22.2	
	14.0	22.7	28.5	11.3	1.1	.1	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2751

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-64, 73-74 DEC

STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-0200

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.5	5.0	1.9	.6	.1	.0					14.0	7.7
NNE	1.7	3.0	3.6	1.2	.2	.0						9.8	7.3
NE	1.8	2.5	3.3	.5	.2							8.3	6.6
ENE	1.0	1.8	2.4	.5								5.7	6.7
E	.7	1.7	1.7	.6	.1							4.8	7.1
ESE	.1	.6	2.1	.9								3.7	9.2
SE	.3	.6	1.6	.6								3.1	8.4
SSE	.3	.7	1.5	.7	.1							3.3	8.3
S	.6	1.1	2.6	.9	.1							5.2	8.2
SSW	.3	.8	1.5	.7	.1							3.4	8.3
SW	.6	.8	1.3	.1								2.8	6.5
WSW	.2	1.0	.6	.0	.2							2.1	6.9
W	.9	1.1	1.3	.3								3.5	6.0
WNW	.5	1.2	1.0	.2	.1							3.0	6.7
NW	.7	.9	1.0	.7	.0							3.4	7.4
NNW	.9	1.4	1.5	1.2	.3	.1						5.3	8.4
VARBL													
CALM												18.6	
	13.2	22.9	31.9	11.1	2.0	.3	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2334

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-65,68-74 DEC
STATION STATION NAME YEARS MONTH
 ALL WEATHER 0300-0500
CLASS HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	4.0	5.0	2.1	.6	.1						14.8	7.7
NNE	2.1	3.1	4.5	1.7	.3	.1						11.8	7.5
NE	1.9	3.0	3.3	.8	.1							9.0	6.5
ENE	1.5	1.3	2.4	.8								6.1	6.8
E	.8	1.4	2.4	.5	.1							5.3	7.4
ESE	.1	.8	1.5	.6								3.0	8.5
SE	.4	.6	1.4	.4								2.8	7.7
SSE	.2	.7	1.4	.4	.1							2.7	8.0
S	.4	1.0	2.0	.6	.1							4.0	7.9
SSW	.4	.9	1.6	.8	.1							3.7	8.2
SW	.7	.7	1.0	.1								2.2	6.8
WSW	.2	.6	.5	.0	.1							1.5	7.0
W	.7	.7	.9	.2	.1							2.6	6.7
WNW	.7	.9	1.0	.3	.1							3.0	7.1
NW	.6	1.3	1.2	.8	.2	.0						4.1	8.1
NNW	1.1	1.3	2.0	.9	.3	.0						5.6	8.0
VARBL													
CALM												17.8	
	14.4	22.2	32.0	11.0	2.2	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2511

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 DEC
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.4	5.0	2.2	.5	.0	.0					13.9	7.7
NNE	2.1	3.8	4.4	2.1	.5							12.8	7.5
NE	2.5	3.1	3.2	1.1	.0							9.9	6.4
ENE	1.3	2.2	2.7	.7	.1							7.0	6.8
E	.6	2.1	2.5	.5								5.7	7.0
ESE	.4	.7	1.7	.6								3.4	8.0
SE	.3	.7	1.1	.6	.1							2.7	8.2
SSE	.5	1.2	1.1	.5								3.3	6.8
S	.4	1.3	1.6	.3	.0							3.7	7.1
SSW	.3	.6	1.1	.4								2.5	7.8
SW	.4	.6	.8	.3	.0	.0						2.2	7.3
WSW	.2	.5	.4	.1								1.2	6.5
W	.6	.7	1.0	.4	.1							2.8	7.3
WNW	.3	1.0	1.1	.4	.1	.0						2.9	7.8
NW	.6	1.5	1.3	.6	.2							4.2	7.2
NNW	.8	1.6	2.4	1.2	.2	.0	.0					6.4	8.2
VARBL													
CALM												15.6	
	14.2	25.0	31.4	11.9	1.7	.1	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 3002

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI STATION NAME 42-74 YEARS DEC MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)

SP-ED (KNTS) DIR.	1-3	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	4.4	2.9	.6	.2						13.6	8.6
NNE	1.4	2.5	4.5	2.2	.8	.1						11.5	8.8
NE	1.1	2.6	2.9	1.0	.1							7.7	7.1
ENE	1.3	2.5	3.2	1.0								8.0	7.0
E	1.1	2.1	2.8	.8								6.9	7.1
ESE	.4	1.2	2.9	1.6	.1							6.2	8.9
SE	.5	1.5	2.8	1.0	.1							5.8	7.9
SSE	.6	1.9	2.3	.6	.1							5.5	7.2
S	.9	1.8	2.6	.3	.0							5.8	6.8
SSW	.5	1.0	1.5	.4	.0							3.5	7.2
SW	.3	.5	1.1	.6	.0							2.5	8.2
WSW	.1	.6	.6	.4	.1							1.8	8.9
W	.3	.6	1.1	.4								2.3	7.7
WNW	.3	.9	1.0	.6	.2							3.1	8.6
NW	.5	.7	1.5	.8	.2	.0						3.8	8.8
NNW	.4	.9	2.3	1.6	.2	.1						5.4	9.4
VARBL													
CALM												6.8	
	11.3	25.1	37.6	16.2	2.6	.4						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 3089

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 DEC
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.3	5.1	3.4	.6	.1						12.4	9.3
NNE	.6	1.8	2.8	1.9	.5	.0						7.6	9.1
NE	.5	1.3	1.7	.7	.1	.0						4.3	7.7
ENE	.5	1.0	1.4	.5	.0							3.4	7.4
E	.5	1.3	1.8	1.1	.1							4.8	8.2
ESE	.4	1.3	3.6	2.5	.1							7.9	9.3
SE	.3	1.7	4.5	2.0	.1							8.5	8.7
SSE	1.1	2.5	4.0	1.2	.1							9.0	7.3
S	1.5	5.1	4.3	.8								11.7	6.4
SSW	.6	2.1	3.5	.7	.1							6.8	7.6
SW	.1	1.1	2.3	.8								4.3	8.2
WSW	.1	.3	.9	.7	.2							2.2	10.1
W	.3	.4	.8	.6	.2							2.3	9.3
WNW	.2	.5	1.1	.7	.3							2.7	9.8
NW	.1	.6	1.6	.9	.1	.1						3.3	9.8
NNW	.3	1.3	2.4	1.6	.5							6.0	9.5
VARBL													
CALM												2.9	
	7.9	24.4	41.9	20.1	2.6	.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 3068

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILOXI YEARS 42-74 MONTH DEC
 ALL WEATHER CLY'S 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	2.5	4.9	2.5	.4	.1						11.6	8.8
NNE	.9	2.1	2.5	1.2	.4							7.2	8.2
NE	.5	1.3	1.7	.4	.0							3.9	7.1
ENE	.4	.5	1.6	.3								2.8	7.6
E	.5	1.2	2.6	1.0	.0							5.4	8.0
ESE	.9	1.8	3.7	1.8	.1							8.2	8.3
SE	.9	2.9	4.4	.8	.1							8.9	7.2
SSE	.8	3.8	2.7	1.1	.1							8.5	6.9
S	2.0	3.0	3.7	1.0	.1							9.8	6.7
SSW	.3	2.6	2.5	.8	.1							6.7	6.9
SW	.7	1.8	2.1	.3								4.8	6.5
WSW	.5	.8	1.3	.4								3.0	7.2
W	.2	.4	1.0	.3	.0							2.0	8.1
WNW	.2	.5	1.2	.5	.2							2.7	9.5
NW	.1	.7	1.6	.9	.1	.0						3.5	9.4
NNW	.5	1.4	1.7	1.4	.2							5.3	8.8
VARBL													
CALM												5.8	
	10.9	27.3	39.3	14.6	1.9	.2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 3040

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13820 STATION NAME KEESLER AFB MISSISSIPPI/BILUXT YEARS 42-74 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.4	3.3	2.5	.3	.1						10.2	8.5
NNE	1.2	2.2	2.5	1.2	.6	.0						7.7	8.2
NE	1.0	1.3	1.9	.4								4.6	6.6
ENE	1.0	1.1	1.3	.6	.0							4.0	6.7
E	1.1	2.8	3.0	.9	.0							7.9	6.8
ESE	.8	2.2	2.7	1.1	.1							6.8	7.5
SE	1.3	2.3	2.4	.5	.1							6.7	6.6
SSE	.5	2.0	1.8	.7	.1							5.1	7.3
S	.9	1.3	2.8	.9	.0	.0						6.0	7.5
SSW	.6	1.3	1.9	.7								4.5	7.5
SW	.5	.9	1.0	.3								2.7	6.7
WSW	.5	.6	.5	.2								1.8	5.9
W	1.0	.7	1.1	.1								2.9	5.5
WNW	.6	.6	.7	.3	.1							2.2	6.9
NW	.6	.8	1.4	.4	.2							3.4	7.6
NNW	1.1	1.1	1.7	1.1	.5	.1						5.6	8.7
VARS													
CALM												17.9	
	14.3	23.6	29.9	11.8	2.2	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2882

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 DEC
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	2.5	3.2	2.5	.6	.1						11.0	8.3
NNE	1.3	2.5	3.0	1.4	.3							8.5	7.6
NE	1.1	2.2	3.3	1.0	.1							7.6	7.2
ENE	.7	1.5	2.2	.3								4.7	6.7
E	1.3	1.9	2.6	.5	.0							6.4	6.6
ESE	.7	1.6	2.0	1.2	.2							5.7	5.3
SE	.7	1.1	1.8	.6	.1							4.2	7.4
SSE	.3	1.3	2.4	.6	.1							4.7	8.3
S	.6	1.4	2.5	.9	.1							5.6	7.8
SSW	.8	.5	1.6	1.0	.0							3.8	7.9
SW	.2	.6	1.5	.3								2.6	7.5
WSW	.2	.5	.8	.1								1.7	7.1
W	.7	.9	1.2	.2								3.0	6.4
WNW	.7	.3	.9	.2	.1							2.2	6.7
NW	1.0	.9	.9	.6	.2							3.6	7.1
NNW	.8	1.3	1.5	1.2	.4							5.1	8.6
YARBL													
CALM												19.4	
	13.2	20.9	31.4	12.7	2.3	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2683

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13820 KEFSLER AFB MISSISSIPPI/BILDXI 42-74 ALL

STATION

STATION NAME

YEARS

MONTH

INSTRUMENT

CLASS

ALL

HOURLY (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	1.0	2.4	4.4	2.7	.5	.1	.0					11.1	8.9
NNE	1.0	2.3	3.8	2.0	.4	.1	.0					9.6	8.7
NE	.9	2.0	2.6	1.0	.2	.1	.0					6.8	7.8
ENE	.8	1.6	2.4	.8	.1	.0	.0	.0		.0		5.7	7.7
E	.8	1.6	2.6	1.1	.2	.0	.0	.0			.0	6.2	8.0
ESE	.5	1.2	3.4	2.4	.3	.1	.0					8.0	9.3
SE	.7	1.4	3.2	1.9	.3	.1	.0					7.4	9.3
SSE	.5	1.8	3.7	2.1	.4	.1	.0					8.7	9.4
S	.6	1.8	3.5	1.7	.2	.1	.0					7.9	8.0
SSW	.3	1.0	1.9	1.3	.2	.0	.0		.0			4.8	9.4
SW	.2	.7	1.3	.6	.1	.0						2.8	8.7
WSW	.1	.5	.8	.3	.1	.0						1.9	8.8
W	.4	.7	.9	.3	.1	.0						2.3	7.3
WNW	.2	.6	.7	.4	.2	.0	.0					2.1	8.7
NW	.3	.7	.8	.7	.2	.0						2.7	9.2
NNW	.4	.8	1.6	1.3	.4	.1	.0	.0				4.5	10.0
VARBL													
CALM												7.5	
	8.4	20.9	37.8	20.7	3.8	.8	.1	.0	.0	.0	.0	100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 26273

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{2}$	$\geq \frac{5}{16}$	$\geq \frac{1}{4}$	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100					95.4		96.9			98.3						100.0
0																

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS IN DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	38.5	52.4	53.5	54.1	54.5	54.6	54.7	54.8	54.8	54.9	54.9	54.9	55.0	55.0	55.1	55.2
≥ 20000	44.7	61.0	62.3	63.0	63.5	63.5	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.1	64.2
≥ 18000	44.8	61.2	62.5	63.2	63.7	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.3	64.4
≥ 16000	45.0	61.4	62.7	63.4	63.9	64.0	64.2	64.2	64.2	64.3	64.4	64.4	64.5	64.5	64.6	64.7
≥ 14000	45.7	62.5	63.9	64.6	65.1	65.1	65.3	65.4	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.9
≥ 12000	47.2	64.7	66.1	66.9	67.4	67.5	67.7	67.7	67.7	67.8	67.9	67.9	68.0	68.0	68.1	68.2
≥ 10000	48.8	67.4	68.9	69.7	70.3	70.3	70.5	70.6	70.6	70.7	70.8	70.8	70.9	70.9	71.0	71.1
≥ 9000	49.2	68.0	69.5	70.4	71.0	71.0	71.2	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.7	71.8
≥ 8000	50.3	70.1	71.7	72.6	73.2	73.3	73.5	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.9	74.1
≥ 7000	51.0	71.4	73.0	74.0	74.6	74.7	75.0	75.0	75.0	75.2	75.2	75.2	75.3	75.3	75.4	75.5
≥ 6000	51.4	72.2	73.9	74.9	75.5	75.6	75.9	75.9	76.0	76.1	76.1	76.1	76.2	76.3	76.3	76.5
≥ 5000	51.9	73.2	74.9	76.0	76.7	76.7	77.0	77.1	77.1	77.2	77.3	77.3	77.4	77.4	77.5	77.6
≥ 4500	52.1	73.6	75.4	76.5	77.1	77.2	77.5	77.6	77.6	77.7	77.8	77.8	77.9	77.9	78.0	78.1
≥ 4000	52.6	74.7	76.6	77.7	78.5	78.5	78.8	78.9	78.9	79.1	79.1	79.1	79.2	79.3	79.3	79.5
≥ 3500	53.0	75.5	77.4	78.6	79.4	79.5	79.8	79.9	79.9	80.0	80.1	80.1	80.2	80.2	80.3	80.4
≥ 3000	53.7	76.9	78.9	80.2	81.0	81.1	81.4	81.5	81.5	81.7	81.7	81.8	81.9	81.9	82.0	82.1
≥ 2500	54.6	78.7	80.8	82.2	83.1	83.2	83.5	83.7	83.7	83.8	83.9	83.9	84.0	84.0	84.1	84.2
≥ 2000	55.5	80.7	83.1	84.6	85.6	85.7	86.1	86.2	86.3	86.4	86.5	86.5	86.6	86.6	86.7	86.9
≥ 1800	55.7	81.1	83.5	85.1	86.1	86.2	86.6	86.8	86.8	86.9	87.0	87.0	87.1	87.2	87.2	87.4
≥ 1500	56.3	82.5	85.0	86.7	87.8	87.9	88.4	88.5	88.5	88.7	88.8	88.8	88.9	88.9	89.0	89.2
≥ 1200	56.7	83.6	86.2	88.0	89.2	89.3	89.8	90.0	90.0	90.2	90.3	90.3	90.4	90.5	90.5	90.7
≥ 1000	57.0	84.4	87.2	89.1	90.4	90.5	91.1	91.3	91.3	91.6	91.6	91.7	91.8	91.8	91.9	92.0
≥ 900	57.1	84.8	87.6	89.5	90.9	91.0	91.6	91.8	91.9	92.1	92.2	92.2	92.4	92.4	92.5	92.6
≥ 800	57.2	85.2	88.2	90.2	91.6	91.8	92.4	92.7	92.7	93.0	93.1	93.1	93.2	93.2	93.3	93.5
≥ 700	57.3	85.6	88.6	90.6	92.2	92.3	93.0	93.3	93.3	93.6	93.7	93.7	93.9	93.9	94.0	94.1
≥ 600	57.4	85.8	88.9	91.1	92.7	92.9	93.7	93.9	94.0	94.3	94.4	94.4	94.6	94.6	94.7	94.8
≥ 500	57.4	86.1	89.3	91.6	93.4	93.6	94.5	94.8	94.8	95.2	95.3	95.3	95.5	95.5	95.6	95.8
≥ 400	57.4	86.3	89.6	91.9	93.8	94.1	95.0	95.4	95.5	95.9	96.1	96.1	96.3	96.3	96.4	96.6
≥ 300	57.4	86.4	89.7	92.1	94.1	94.4	95.5	95.9	96.0	96.6	96.8	96.8	97.1	97.1	97.3	97.5
≥ 200	57.4	86.4	89.7	92.2	94.2	94.5	95.7	96.2	96.2	96.9	97.2	97.3	97.6	97.6	97.8	98.0
≥ 100	57.4	86.4	89.7	92.2	94.2	94.5	95.7	96.2	96.3	97.0	97.3	97.4	97.9	98.0	98.5	99.1
≥ 0	57.4	86.4	89.7	92.2	94.2	94.5	95.7	96.2	96.3	97.0	97.4	97.4	97.9	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 267569

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

JAN
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	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.1	38.3	39.6	40.4	41.0	41.1	41.2	41.3	41.3	41.4	41.5	41.5	41.7	41.7	41.9	42.2
≥ 20000	31.0	43.6	45.1	45.9	46.6	46.6	46.8	46.8	46.9	47.0	47.1	47.1	47.3	47.3	47.5	47.8
IV 18000	31.1	43.7	45.2	46.1	46.7	46.7	47.0	47.0	47.0	47.2	47.3	47.3	47.4	47.5	47.6	48.0
IV 16000	31.2	43.9	45.4	46.3	46.9	46.9	47.1	47.2	47.2	47.4	47.5	47.5	47.6	47.7	47.8	48.2
IV 14000	31.7	44.7	46.2	47.1	47.8	47.8	48.0	48.1	48.1	48.3	48.4	48.4	48.5	48.6	48.7	49.1
IV 12000	32.8	46.4	48.0	49.0	49.7	49.7	49.9	50.0	50.0	50.2	50.3	50.3	50.5	50.5	50.7	51.0
IV 10000	33.8	48.0	49.7	50.7	51.5	51.5	51.8	51.8	51.9	52.1	52.1	52.1	52.3	52.4	52.6	52.9
IV 9000	34.2	48.7	50.3	51.4	52.2	52.2	52.5	52.6	52.6	52.8	52.9	52.9	53.1	53.1	53.3	53.7
IV 8000	35.4	50.9	52.6	53.8	54.6	54.7	55.0	55.1	55.1	55.3	55.4	55.4	55.6	55.6	55.8	56.2
IV 7000	36.3	52.5	54.4	55.6	56.4	56.5	56.8	56.9	56.9	57.1	57.2	57.2	57.4	57.5	57.7	58.0
IV 6000	37.0	53.9	55.9	57.2	58.0	58.1	58.5	58.6	58.6	58.8	58.9	58.9	59.1	59.2	59.4	59.8
IV 5000	37.7	55.5	57.6	59.0	59.9	59.9	60.3	60.5	60.5	60.7	60.8	60.8	61.1	61.1	61.3	61.7
IV 4500	38.1	56.2	58.3	59.7	60.7	60.7	61.2	61.3	61.3	61.6	61.7	61.7	61.9	61.9	62.2	62.5
IV 4000	38.9	57.8	59.9	61.4	62.5	62.5	63.0	63.2	63.2	63.5	63.6	63.6	63.9	63.9	64.1	64.5
IV 3500	39.3	58.9	61.2	62.7	63.8	63.9	64.4	64.6	64.6	64.9	65.0	65.0	65.3	65.3	65.5	65.9
IV 3000	39.0	60.4	62.8	64.5	65.7	65.8	66.3	66.5	66.5	66.8	66.9	66.9	67.2	67.2	67.5	67.9
IV 2500	40.6	62.4	65.0	66.8	68.1	68.3	68.9	69.1	69.1	69.4	69.6	69.6	69.8	69.9	70.1	70.5
IV 2000	41.6	64.7	67.5	69.5	71.0	71.2	71.9	72.1	72.1	72.5	72.6	72.6	72.9	72.9	73.2	73.6
IV 1800	41.8	65.2	68.0	70.0	71.7	71.8	72.5	72.7	72.8	73.1	73.3	73.3	73.5	73.6	73.8	74.2
IV 1500	42.3	66.9	69.9	72.1	73.8	73.9	74.7	75.0	75.0	75.4	75.6	75.6	75.9	75.9	76.2	76.6
IV 1200	42.6	68.2	71.4	73.7	75.6	75.7	76.6	76.9	76.9	77.3	77.5	77.5	77.8	77.8	78.1	78.5
IV 1000	42.9	69.3	72.7	75.2	77.3	77.4	78.4	78.7	78.8	79.2	79.4	79.4	79.7	79.8	80.0	80.4
IV 900	43.1	70.0	73.4	76.0	78.2	78.4	79.4	79.8	79.8	80.3	80.4	80.4	80.8	80.8	81.1	81.5
IV 800	43.2	70.6	74.3	77.0	79.3	79.5	80.6	81.0	81.1	81.6	81.8	81.8	82.1	82.1	82.4	82.8
IV 700	43.3	71.2	75.0	77.9	80.3	80.6	81.8	82.2	82.3	82.8	83.0	83.0	83.4	83.4	83.7	84.1
IV 600	43.4	71.7	75.6	78.7	81.3	81.6	83.0	83.4	83.5	84.1	84.3	84.3	84.7	84.7	85.0	85.4
IV 500	43.4	72.3	76.4	79.6	82.6	83.0	84.6	85.2	85.3	86.1	86.4	86.4	86.8	86.8	87.1	87.6
IV 400	43.5	72.6	77.0	80.3	83.7	84.1	86.0	86.8	86.9	87.8	88.1	88.1	88.6	88.7	89.0	89.5
IV 300	43.5	72.8	77.2	80.7	84.3	84.8	87.0	88.0	88.2	89.3	89.9	89.9	90.6	90.8	91.3	91.9
IV 200	43.5	72.8	77.3	80.8	84.6	85.1	87.4	88.5	88.7	90.3	91.0	91.1	92.2	92.5	93.3	94.3
IV 100	43.5	72.9	77.4	80.9	84.7	85.2	87.6	88.7	88.9	90.7	91.5	91.6	93.1	93.6	94.9	97.1
IV 0	43.5	72.9	77.4	80.9	84.7	85.2	87.6	88.8	89.0	90.7	91.6	91.7	93.3	93.9	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 22467

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING	29.3	42.3	43.8	44.7	45.2	45.3	45.6	45.6	45.7	45.8	45.9	45.9	46.0	46.0	46.1	46.2
≥ 20000	32.6	47.3	49.0	50.0	50.7	50.8	51.0	51.1	51.1	51.3	51.4	51.4	51.5	51.5	51.6	51.7
IV 18000	32.7	47.4	49.1	50.2	50.8	50.9	51.2	51.3	51.3	51.5	51.6	51.6	51.7	51.7	51.7	51.9
IV 16000	32.8	47.6	49.3	50.3	51.0	51.1	51.3	51.4	51.5	51.6	51.7	51.7	51.8	51.8	51.9	52.0
IV 14000	33.2	48.4	50.1	51.2	51.9	52.0	52.2	52.3	52.3	52.5	52.6	52.6	52.7	52.7	52.8	52.9
IV 12000	34.3	50.3	52.1	53.2	53.9	54.0	54.3	54.4	54.4	54.6	54.7	54.7	54.8	54.8	54.9	55.0
IV 10000	36.0	52.9	54.8	56.0	56.8	56.9	57.2	57.3	57.3	57.5	57.6	57.6	57.7	57.7	57.7	57.9
IV 9000	36.4	53.5	55.5	56.7	57.4	57.5	57.8	57.9	57.9	58.1	58.2	58.2	58.3	58.3	58.4	58.5
IV 8000	37.7	55.7	57.8	59.2	60.0	60.1	60.4	60.5	60.5	60.7	60.8	60.8	60.9	60.9	61.0	61.1
IV 7000	38.3	57.1	59.3	60.8	61.7	61.8	62.1	62.2	62.3	62.5	62.6	62.6	62.7	62.7	62.8	62.9
IV 6000	39.0	58.5	60.8	62.3	63.3	63.5	63.8	63.9	63.9	64.1	64.2	64.3	64.4	64.4	64.4	64.6
IV 5000	39.6	59.9	62.3	64.0	65.0	65.2	65.6	65.7	65.7	65.9	66.1	66.1	66.2	66.2	66.3	66.4
IV 4500	39.9	60.7	63.1	64.9	65.9	66.1	66.5	66.6	66.7	66.9	67.0	67.0	67.1	67.1	67.2	67.3
IV 4000	40.5	62.2	64.8	66.6	67.7	67.9	68.3	68.5	68.5	68.7	68.9	68.9	69.0	69.0	69.1	69.2
IV 3500	41.0	63.4	66.1	68.0	69.1	69.4	69.8	69.9	70.0	70.2	70.3	70.3	70.4	70.5	70.5	70.7
IV 3000	41.5	65.0	67.8	69.8	71.0	71.2	71.7	71.9	71.9	72.1	72.3	72.3	72.4	72.4	72.5	72.6
IV 2500	42.1	66.5	69.5	71.7	73.0	73.2	73.7	73.8	73.9	74.1	74.3	74.3	74.4	74.4	74.5	74.6
IV 2000	42.8	68.6	71.9	74.2	75.7	76.0	76.5	76.7	76.8	77.0	77.2	77.2	77.3	77.3	77.4	77.6
IV 1800	43.0	69.1	72.4	74.9	76.4	76.7	77.2	77.4	77.5	77.8	77.9	77.9	78.0	78.1	78.1	78.3
IV 1500	43.4	70.4	74.0	76.6	78.4	78.6	79.3	79.5	79.5	79.8	80.0	80.0	80.1	80.1	80.2	80.4
IV 1200	43.8	71.9	75.8	78.6	80.6	80.9	81.6	81.8	81.9	82.2	82.4	82.4	82.6	82.6	82.7	82.8
IV 1000	44.1	72.8	77.0	79.9	82.1	82.5	83.3	83.6	83.6	84.0	84.2	84.2	84.4	84.4	84.5	84.6
IV 900	44.4	73.5	77.7	80.8	83.0	83.3	84.2	84.5	84.6	85.0	85.2	85.2	85.4	85.4	85.5	85.6
IV 800	44.5	74.0	78.4	81.6	84.1	84.4	85.4	85.8	85.9	86.3	86.5	86.5	86.7	86.7	86.8	87.0
IV 700	44.6	74.5	79.0	82.4	84.9	85.3	86.4	86.8	86.8	87.4	87.6	87.6	87.8	87.8	87.9	88.1
IV 600	44.7	74.9	79.5	83.0	85.7	86.1	87.3	87.8	87.8	88.4	88.6	88.6	88.9	88.9	89.0	89.2
IV 500	44.8	75.3	80.1	83.9	86.8	87.3	88.7	89.2	89.3	89.9	90.2	90.2	90.5	90.5	90.6	90.8
IV 400	44.8	75.5	80.4	84.4	87.6	88.1	89.8	90.5	90.6	91.4	91.8	91.8	92.1	92.2	92.3	92.5
IV 300	44.8	75.7	80.7	84.7	88.2	88.7	90.7	91.5	91.6	92.8	93.2	93.2	93.7	93.8	94.0	94.3
IV 200	44.8	75.7	80.8	84.9	88.4	89.0	91.1	92.0	92.2	93.5	94.0	94.1	94.9	95.0	95.5	96.0
IV 100	44.8	75.7	80.8	84.9	88.4	89.0	91.2	92.1	92.2	93.7	94.3	94.4	95.3	95.6	96.5	97.8
IV 0	44.8	75.7	80.8	84.9	88.4	89.0	91.2	92.1	92.2	93.7	94.3	94.5	95.3	95.7	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 20537

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.9	43.8	45.0	45.6	46.1	46.1	46.3	46.3	46.3	46.4	46.4	46.4	46.5	46.5	46.6	46.7
≥ 20000	36.6	49.5	50.9	51.6	52.2	52.2	52.5	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.8	52.9
IV 18000	36.7	49.6	51.0	51.7	52.3	52.3	52.5	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.9	53.0
IV 16000	36.8	49.8	51.2	51.9	52.5	52.5	52.8	52.8	52.8	52.9	52.9	52.9	53.0	53.0	53.1	53.2
IV 14000	37.5	50.8	52.3	53.1	53.7	53.8	54.0	54.0	54.0	54.1	54.1	54.1	54.2	54.3	54.3	54.4
IV 12000	38.5	52.5	54.1	54.9	55.6	55.6	55.8	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.2	56.3
IV 10000	39.7	54.5	56.3	57.1	57.8	57.9	58.1	58.2	58.2	58.2	58.3	58.3	58.4	58.4	58.5	58.6
IV 9000	40.0	55.1	56.9	57.8	58.5	58.5	58.8	58.8	58.9	58.9	59.0	59.0	59.1	59.1	59.2	59.2
IV 8000	40.8	56.7	58.6	59.6	60.3	60.4	60.7	60.7	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.1
IV 7000	41.4	58.0	60.0	61.1	61.8	61.9	62.2	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.6	62.7
IV 6000	42.0	59.2	61.3	62.4	63.1	63.2	63.5	63.6	63.6	63.7	63.8	63.8	63.9	63.9	63.9	64.0
IV 5000	42.6	60.4	62.5	63.7	64.6	64.7	65.0	65.1	65.1	65.2	65.2	65.2	65.4	65.4	65.4	65.5
IV 4500	42.8	60.9	63.1	64.4	65.2	65.3	65.6	65.7	65.7	65.8	65.9	65.9	66.0	66.0	66.1	66.2
IV 4000	43.5	62.1	64.8	66.0	66.9	67.0	67.4	67.5	67.5	67.7	67.7	67.7	67.8	67.9	67.9	68.0
IV 3500	44.0	63.4	65.9	67.2	68.2	68.3	68.6	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.2	69.3
IV 3000	44.5	64.9	67.6	69.1	70.2	70.2	70.7	70.8	70.8	70.9	71.0	71.0	71.1	71.1	71.2	71.3
IV 2500	45.1	66.6	69.6	71.2	72.4	72.5	73.0	73.1	73.1	73.2	73.3	73.3	73.4	73.5	73.5	73.6
IV 2000	45.7	68.5	71.8	73.5	74.8	74.9	75.5	75.6	75.6	75.8	75.9	75.9	76.0	76.0	76.1	76.2
IV 1800	45.9	69.0	72.4	74.2	75.5	75.6	76.2	76.4	76.4	76.6	76.6	76.6	76.8	76.8	76.8	76.9
IV 1500	46.4	70.4	74.0	75.9	77.4	77.5	78.2	78.4	78.4	78.6	78.6	78.6	78.8	78.8	78.9	78.9
IV 1200	46.9	71.7	75.4	77.6	79.2	79.4	80.1	80.3	80.4	80.6	80.7	80.7	80.8	80.8	80.9	81.0
IV 1000	47.1	72.6	76.5	78.8	80.6	80.8	81.7	81.9	82.0	82.3	82.4	82.4	82.5	82.6	82.6	82.7
IV 900	47.2	73.0	77.0	79.5	81.4	81.6	82.5	82.8	82.8	83.2	83.3	83.3	83.5	83.5	83.6	83.6
IV 800	47.4	73.8	77.9	80.6	82.7	82.9	84.0	84.3	84.3	84.7	84.8	84.8	85.0	85.0	85.1	85.2
IV 700	47.4	74.4	78.7	81.4	83.7	84.0	85.1	85.5	85.5	85.9	86.0	86.0	86.2	86.3	86.3	86.4
IV 600	47.6	75.0	79.5	82.5	85.0	85.3	86.6	87.0	87.1	87.5	87.7	87.7	87.9	87.9	88.0	88.1
IV 500	47.6	75.6	80.2	83.4	86.2	86.6	88.2	88.7	88.8	89.3	89.5	89.5	89.7	89.8	89.8	89.9
IV 400	47.6	75.9	80.7	84.1	87.2	87.6	89.5	90.2	90.3	91.0	91.2	91.2	91.5	91.5	91.6	91.7
IV 300	47.7	76.0	80.9	84.5	87.8	88.4	90.6	91.6	91.7	92.8	93.2	93.2	93.7	93.9	94.1	94.3
IV 200	47.7	76.1	81.1	84.7	88.1	88.7	91.1	92.2	92.3	93.7	94.3	94.4	95.2	95.5	96.0	96.6
IV 100	47.7	76.1	81.1	84.8	88.2	88.8	91.2	92.3	92.5	93.9	94.6	94.7	95.8	96.3	97.1	98.5
IV 0	47.7	76.1	81.1	84.8	88.2	88.8	91.2	92.3	92.5	93.9	94.6	94.7	95.9	96.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 21893

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	39.4	51.4	52.3	52.9	53.2	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.7	53.8
IV 20000	44.9	59.3	60.5	61.2	61.5	61.6	61.7	61.8	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.1	62.1
IV 18000	44.9	59.5	60.7	61.3	61.7	61.8	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.2	62.3	62.3
IV 16000	45.0	59.7	60.9	61.6	61.9	62.0	62.1	62.2	62.2	62.2	62.2	62.3	62.3	62.4	62.4	62.5	62.6
IV 14000	45.4	60.3	61.6	62.3	62.6	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.2	63.3	
IV 12000	46.5	61.8	63.0	63.7	64.1	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.7	64.8	
IV 10000	47.5	63.6	64.8	65.6	66.0	66.1	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.7	66.7	
IV 9000	47.7	63.9	65.2	66.0	66.4	66.5	66.7	66.8	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.1	
IV 8000	48.5	65.7	67.1	68.0	68.4	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.9	68.9	69.0	69.1	
IV 7000	49.1	66.7	68.2	69.1	69.6	69.6	69.8	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.2	70.3	
IV 6000	49.4	67.4	68.9	69.9	70.3	70.4	70.6	70.7	70.7	70.7	70.8	70.8	70.9	70.9	71.0	71.1	
IV 5000	49.9	68.4	70.0	71.0	71.6	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.2	72.3	
IV 4500	50.2	68.8	70.4	71.5	72.0	72.1	72.3	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.6	72.7	
IV 4000	50.8	70.0	71.7	72.9	73.5	73.6	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.1	74.2	74.2	
IV 3500	51.1	70.7	72.5	73.7	74.3	74.4	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	75.0	75.1	
IV 3000	51.8	72.2	74.1	75.5	76.2	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.9	77.0	
IV 2500	52.7	74.0	76.1	77.5	78.3	78.4	78.7	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.1	79.2	
IV 2000	53.8	76.2	78.6	80.2	81.1	81.2	81.5	81.7	81.7	81.7	81.8	81.8	81.9	81.9	82.0	82.1	
IV 1800	54.0	76.7	79.1	80.8	81.6	81.7	82.1	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.5	82.6	
IV 1500	54.8	78.4	81.0	82.8	83.8	83.9	84.3	84.5	84.5	84.5	84.6	84.6	84.7	84.7	84.8	84.9	
IV 1200	55.7	80.6	83.4	85.5	86.6	86.7	87.2	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.7	87.8	
IV 1000	56.3	82.2	85.3	87.5	88.8	89.0	89.5	89.7	89.7	89.8	89.8	89.8	89.9	89.9	90.0	90.1	
IV 900	56.5	83.0	86.1	88.5	89.8	90.0	90.5	90.7	90.7	90.8	90.9	90.9	91.0	91.0	91.1	91.2	
IV 800	56.7	83.8	87.1	89.6	91.1	91.3	91.9	92.1	92.1	92.3	92.3	92.4	92.4	92.5	92.6	92.7	
IV 700	56.9	84.5	88.0	90.7	92.2	92.4	93.1	93.4	93.4	93.5	93.6	93.6	93.7	93.8	93.9	94.0	
IV 600	57.0	85.1	88.7	91.6	93.3	93.5	94.3	94.6	94.6	94.7	94.8	94.8	94.9	95.0	95.1	95.2	
IV 500	57.1	85.5	89.2	92.3	94.1	94.4	95.3	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.3	96.4	
IV 400	57.1	85.7	89.5	92.7	94.7	95.0	96.0	96.5	96.5	96.8	96.9	96.9	97.0	97.1	97.2	97.3	
IV 300	57.1	85.8	89.7	93.0	95.0	95.3	96.5	97.1	97.1	97.5	97.6	97.6	97.8	97.9	98.0	98.1	
IV 200	57.1	85.9	89.8	93.1	95.2	95.5	96.9	97.4	97.5	97.9	98.1	98.1	98.4	98.5	98.8	98.9	
IV 100	57.1	85.9	89.8	93.1	95.2	95.5	96.9	97.4	97.5	98.0	98.2	98.2	98.6	98.8	99.2	99.5	
IV 0	57.1	85.9	89.8	93.1	95.2	95.5	96.9	97.4	97.5	98.0	98.2	98.2	98.7	98.8	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 21435

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.4	59.5	60.1	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	53.8	69.8	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 18000	54.0	70.0	70.6	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
IV 16000	54.1	70.1	70.8	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5
IV 14000	54.8	71.1	71.8	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 12000	56.2	73.0	73.7	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 10000	57.5	75.2	76.0	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	57.8	75.7	76.5	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3
IV 8000	58.8	77.4	78.3	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
IV 7000	59.5	78.4	79.3	79.7	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 6000	59.7	79.0	79.9	80.4	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 5000	60.3	80.0	80.9	81.4	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 4500	60.4	80.1	81.1	81.6	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4000	61.1	81.2	82.3	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
IV 3500	61.5	81.9	83.1	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
IV 3000	62.4	83.4	84.6	85.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8
IV 2500	63.5	85.1	86.4	87.1	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 2000	65.2	87.7	89.1	89.8	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 1800	65.4	88.2	89.5	90.3	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1500	66.6	90.2	91.7	92.5	92.9	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1200	67.5	92.0	93.6	94.5	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1000	69.2	93.4	95.1	96.1	96.6	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2
IV 900	68.4	93.8	95.6	96.6	97.2	97.2	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 800	68.6	94.3	96.1	97.1	97.7	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
IV 700	68.7	94.6	96.5	97.6	98.2	98.3	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	68.7	94.8	96.7	97.8	98.5	98.6	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	68.8	95.0	96.9	98.1	98.8	98.9	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
IV 400	68.8	95.1	97.0	98.2	98.9	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
IV 300	68.8	95.1	97.0	98.2	98.9	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
IV 200	68.8	95.1	97.0	98.2	98.9	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
IV 100	68.8	95.1	97.0	98.2	98.9	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
IV 0	68.8	95.1	97.1	98.2	99.0	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 22680

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0	
NO CEILING	48.1	61.2	61.9	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8
IV 20000	57.5	73.4	74.2	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 18000	57.7	73.6	74.5	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4
IV 16000	57.9	73.9	74.8	75.3	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 14000	59.2	75.6	76.5	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 12000	61.3	78.2	79.2	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 10000	63.2	80.9	82.0	82.7	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 9000	63.6	81.5	82.5	83.3	83.5	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 8000	64.7	83.1	84.2	85.0	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 7000	65.4	84.2	85.3	86.1	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
IV 6000	65.6	84.6	85.7	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
IV 5000	65.9	85.0	86.1	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4500	66.1	85.2	86.4	87.2	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4000	66.4	85.9	87.1	87.9	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3500	66.7	86.3	87.5	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
IV 3000	67.7	87.9	89.1	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2500	69.0	89.8	91.1	92.1	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8
IV 2000	70.5	92.2	93.6	94.6	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1800	70.8	92.6	94.1	95.1	95.6	95.6	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1500	71.6	94.0	95.5	96.7	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	72.0	94.7	96.3	97.5	98.1	98.2	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 1000	72.2	95.1	96.8	98.0	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV 900	72.2	95.1	96.8	98.1	98.7	98.8	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	72.2	95.1	96.9	98.2	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	72.2	95.1	96.9	98.2	98.9	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 600	72.2	95.2	96.9	98.3	99.0	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 500	72.2	95.2	97.0	98.3	99.1	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 400	72.2	95.2	97.0	98.3	99.1	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 300	72.3	95.3	97.0	98.4	99.1	99.2	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	72.3	95.3	97.0	98.4	99.1	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	72.3	95.3	97.0	98.4	99.1	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	72.3	95.3	97.0	98.4	99.1	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 21874

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURENCE (FROM HOURLY OBSERVATIONS)

ALL
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	41.6	52.3	52.9	53.1	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 20000	55.0	68.9	69.7	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5
IV 18000	55.1	69.1	69.9	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 16000	55.5	69.5	70.3	70.7	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 14000	57.0	71.5	72.3	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 12000	60.0	75.3	76.2	76.6	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 10000	63.6	80.4	81.5	81.9	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 9000	64.3	81.5	82.5	83.0	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
IV 8000	65.7	83.9	85.0	85.5	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 7000	66.6	85.3	86.5	87.0	87.4	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
IV 6000	66.8	85.7	86.9	87.5	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 5000	67.1	86.3	87.5	88.1	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 4500	67.3	86.5	87.7	88.3	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
IV 4000	67.6	87.1	88.4	89.0	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 3500	68.0	87.7	89.0	89.6	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 3000	68.8	89.2	90.5	91.2	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
IV 2500	70.4	91.5	92.9	93.7	94.1	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	71.6	93.6	95.1	96.0	96.5	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9
IV 1800	71.8	93.8	95.4	96.3	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	72.2	94.7	96.3	97.2	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	72.4	95.0	96.7	97.6	98.2	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	72.4	95.2	96.9	97.9	98.5	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	72.5	95.3	97.0	98.0	98.6	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 800	72.5	95.4	97.1	98.2	98.8	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
IV 700	72.5	95.4	97.2	98.2	98.9	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 600	72.5	95.5	97.2	98.3	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 500	72.5	95.5	97.3	98.4	99.0	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	72.5	95.5	97.3	98.4	99.1	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 300	72.5	95.5	97.3	98.4	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	72.5	95.5	97.3	98.4	99.1	99.2	99.5	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	72.5	95.5	97.3	98.4	99.1	99.2	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	72.5	95.5	97.3	98.4	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 23216

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 AUG
STATION STATION NAME YEARS 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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.7	57.8	58.9	59.3	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	55.6	72.5	73.9	74.5	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 18000	55.8	72.7	74.1	74.7	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 16000	56.0	73.2	74.6	75.1	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 14000	57.2	74.8	76.2	76.8	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 12000	59.3	78.1	79.5	80.2	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 10000	61.9	82.0	83.5	84.2	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 9000	62.3	82.7	84.3	85.0	85.3	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 8000	63.6	85.0	86.7	87.5	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 7000	64.1	85.9	87.6	88.4	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 6000	64.3	86.3	88.1	88.9	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 5000	64.5	86.8	88.6	89.4	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4500	64.6	87.0	88.8	89.6	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 4000	64.9	87.5	89.3	90.2	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 3500	65.1	87.9	89.8	90.6	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3000	65.8	89.0	91.0	91.9	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2500	66.9	90.9	93.0	93.9	94.5	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
IV 2000	67.7	92.6	94.8	95.9	96.5	96.6	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	67.8	92.8	95.0	96.1	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
IV 1500	68.2	93.5	95.8	97.0	97.6	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2
IV 1200	68.3	93.6	96.2	97.3	98.0	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6
IV 1000	68.4	94.1	96.5	97.6	98.4	98.5	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1
IV 900	68.5	94.1	96.5	97.7	98.5	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 800	68.5	94.3	96.7	97.9	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4
IV 700	68.5	94.3	96.7	97.9	98.7	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4
IV 600	68.5	94.4	96.8	98.0	98.8	99.0	99.2	99.3	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6
IV 500	68.5	94.4	96.8	98.1	98.9	99.0	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7
IV 400	68.5	94.4	96.8	98.1	99.0	99.1	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8
IV 300	68.5	94.4	96.9	98.1	99.0	99.1	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9
IV 200	68.5	94.4	96.9	98.1	99.0	99.1	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9
IV 100	68.5	94.4	96.9	98.1	99.0	99.1	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0
IV 0	68.5	94.4	96.9	98.1	99.0	99.2	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 23494

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILGX1
STATION No.

42-74
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	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	41.3	56.4	57.2	57.7	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.4
≥ 20000	48.3	60.2	67.1	67.7	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4
≥ 18000	48.4	66.4	67.3	67.9	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.6
≥ 16000	48.6	66.6	67.6	68.2	68.5	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.9	68.9
IV 14000	49.3	67.9	68.9	69.5	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2
IV 12000	51.4	71.3	72.4	73.0	73.4	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.9
IV 10000	53.0	74.5	75.6	76.4	76.8	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.3
IV 9000	52.6	75.3	76.5	77.3	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.2	78.2
IV 8000	55.1	77.8	79.1	79.9	80.4	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.8
IV 7000	55.8	79.4	80.7	81.5	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6
IV 6000	56.0	79.3	81.1	82.0	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.0
IV 5000	56.2	80.3	81.7	82.6	83.1	83.1	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.6	83.6	83.6
IV 4500	56.4	81.5	81.9	82.8	83.3	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8
IV 4000	56.8	81.2	82.7	83.6	84.2	84.2	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.7
IV 3500	57.1	81.8	83.3	84.3	84.8	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.4
IV 3000	57.8	83.1	84.6	85.6	86.2	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.8
IV 2500	58.9	85.0	86.6	87.7	88.4	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9	89.0	89.0	89.0
IV 2000	59.9	87.2	89.0	90.3	91.1	91.2	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.9	91.9	91.9
IV 1800	60.1	87.7	89.5	90.8	91.6	91.7	92.0	92.1	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.5
IV 1500	60.7	89.1	91.0	92.4	93.3	93.4	93.8	93.9	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.3
IV 1200	61.0	89.7	91.9	93.4	94.4	94.5	94.9	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.4	95.4
IV 1000	61.3	90.6	92.7	94.3	95.5	95.6	96.0	96.1	96.1	96.3	96.4	96.4	96.5	96.5	96.6	96.6
IV 900	61.4	90.9	93.0	94.6	95.8	95.9	96.4	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.9	96.9
IV 800	61.5	91.2	93.4	95.1	96.4	96.5	97.0	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97.7
IV 700	61.6	91.5	93.7	95.5	96.6	96.9	97.4	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.1
IV 600	61.6	91.7	94.0	95.8	97.3	97.3	97.9	98.0	98.1	98.3	98.4	98.4	98.5	98.6	98.6	98.6
IV 500	61.6	91.9	94.2	96.1	97.7	97.8	98.4	98.5	98.6	98.9	99.0	99.0	99.1	99.2	99.3	99.3
IV 400	61.6	91.9	94.3	96.2	97.8	97.9	98.6	98.7	98.7	98.7	99.1	99.2	99.2	99.4	99.5	99.6
IV 300	61.6	92.0	94.3	96.2	97.9	98.0	98.7	98.9	98.9	99.3	99.4	99.4	99.4	99.6	99.7	99.8
IV 200	61.6	92.0	94.3	96.2	97.9	98.0	98.7	98.9	98.9	99.3	99.4	99.4	99.6	99.7	99.8	99.9
IV 100	61.6	92.0	94.3	96.2	97.9	98.0	98.7	98.9	98.9	99.3	99.5	99.5	99.7	99.7	99.9	100.0
IV 0	61.6	92.0	94.3	96.2	97.9	98.0	98.7	98.9	98.9	99.3	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

22148

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BJLUX1
STATION NAME

42-67,69-74
YEARS

UCP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURLY PERCENT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.1	≥0
NO CEILING	46.6	68.0	69.6	70.4	71.1	71.2	71.5	71.5	71.6	71.7	71.7	71.8	71.9	71.9	71.9	72.2
≥ 20000	50.7	73.6	75.4	76.2	77.0	77.1	77.3	77.4	77.5	77.6	77.6	77.7	77.8	77.8	77.9	78.1
≥ 18000	50.1	73.5	75.5	76.4	77.2	77.3	77.6	77.7	77.7	77.8	77.7	77.9	78.0	78.0	78.1	78.3
≥ 16000	50.2	74.0	75.8	76.6	77.4	77.5	77.7	77.8	77.9	78.0	78.0	78.0	78.2	78.2	78.2	78.5
≥ 14000	50.8	75.0	76.0	77.0	78.4	78.5	78.8	78.9	78.9	79.0	79.1	79.1	79.2	79.2	79.3	79.5
≥ 12000	51.7	76.6	78.5	79.3	80.1	80.2	80.5	80.6	80.6	80.7	80.8	80.8	80.9	80.9	81.0	81.3
≥ 10000	52.7	78.7	80.3	81.6	82.4	82.5	82.8	82.9	82.9	83.1	83.1	83.1	83.2	83.3	83.3	83.6
≥ 9000	53.1	79.5	81.5	82.5	83.3	83.4	83.7	83.8	83.8	83.9	84.0	84.0	84.1	84.1	84.2	84.5
≥ 8000	53.8	80.8	82.9	83.9	84.8	84.9	85.2	85.3	85.3	85.4	85.5	85.5	85.6	85.6	85.7	86.0
≥ 7000	54.2	81.9	84.0	85.0	85.9	86.1	86.3	86.4	86.5	86.6	86.7	86.7	86.8	86.8	86.9	87.1
≥ 6000	54.9	82.4	84.0	85.6	86.6	86.7	86.9	87.0	87.1	87.2	87.3	87.3	87.4	87.4	87.5	87.7
≥ 5000	54.7	82.9	85.1	86.2	87.1	87.2	87.5	87.6	87.6	87.8	87.8	87.9	88.0	88.0	88.1	88.3
≥ 4500	54.9	83.2	85.4	86.5	87.4	87.5	87.8	87.9	87.9	88.1	88.1	88.1	88.2	88.3	88.3	88.6
≥ 4000	55.2	83.9	86.1	87.2	88.2	88.3	88.5	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.1	89.4
≥ 3500	55.4	84.4	86.6	87.8	88.7	88.9	89.2	89.3	89.3	89.4	89.5	89.5	89.6	89.6	89.7	90.0
≥ 3000	55.8	85.1	87.4	88.5	89.5	89.6	89.9	90.0	90.1	90.2	90.3	90.3	90.4	90.4	90.5	90.7
≥ 2500	56.3	86.3	88.7	89.9	90.9	91.0	91.3	91.4	91.5	91.5	91.7	91.7	91.8	91.8	91.9	92.1
≥ 2000	56.8	87.6	90.1	91.4	92.4	92.5	92.8	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.4	93.7
≥ 1800	56.9	87.9	90.3	91.6	92.7	92.8	93.1	93.2	93.3	93.4	93.5	93.5	93.6	93.6	93.7	94.0
≥ 1500	57.3	88.9	91.4	92.7	93.8	93.9	94.3	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.9	95.2
≥ 1200	57.6	89.6	92.2	93.6	94.7	94.8	95.2	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.8	96.1
≥ 1000	57.7	90.2	92.8	94.3	95.4	95.5	95.9	96.0	96.1	96.3	96.3	96.3	96.5	96.5	96.6	96.8
≥ 900	57.8	90.4	93.0	94.5	95.6	95.8	96.2	96.3	96.3	96.5	96.6	96.6	96.7	96.7	96.8	97.1
≥ 800	57.9	90.8	93.5	95.0	96.1	96.3	96.7	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.4	97.7
≥ 700	58.0	91.1	93.8	95.3	96.5	96.7	97.1	97.2	97.3	97.5	97.6	97.6	97.7	97.7	97.8	98.1
≥ 600	58.1	91.3	94.1	95.6	96.8	97.0	97.4	97.6	97.6	97.9	97.9	97.9	98.0	98.1	98.2	98.4
≥ 500	58.1	91.3	94.3	95.8	97.2	97.3	97.8	98.0	98.0	98.3	98.3	98.4	98.5	98.5	98.6	98.9
≥ 400	58.1	91.6	94.5	96.1	97.4	97.6	98.1	98.2	98.3	98.5	98.6	98.6	98.8	98.8	98.9	99.1
≥ 300	58.1	91.7	94.6	96.2	97.6	97.8	98.3	98.5	98.6	98.8	98.9	98.9	99.1	99.1	99.2	99.5
≥ 200	58.1	91.7	94.7	96.3	97.6	97.9	98.4	98.6	98.7	99.0	99.0	99.1	99.2	99.3	99.4	99.7
≥ 100	58.1	91.7	94.7	96.3	97.7	97.9	98.5	98.7	98.7	99.0	99.1	99.1	99.3	99.3	99.5	99.8
≥ 0	58.1	91.7	94.7	96.2	97.7	97.9	98.5	98.7	98.7	99.0	99.1	99.1	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 22592

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KLESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

NIIV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS IN ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	37.0	54.4	55.8	56.7	57.4	57.6	57.9	58.0	58.0	58.3	58.4	58.4	58.6	58.7	58.8	59.2
≥ 20000	39.9	59.1	60.7	61.7	62.5	62.6	63.0	63.1	63.1	63.4	63.5	63.5	63.7	63.8	63.9	64.3
IV 18000	40.0	59.3	60.9	61.9	62.7	62.8	63.2	63.3	63.3	63.6	63.7	63.7	63.9	64.0	64.1	64.5
IV 15000	40.1	59.5	61.1	62.1	62.9	63.0	63.4	63.5	63.6	63.9	63.9	63.9	64.2	64.2	64.3	64.7
IV 14000	40.7	60.3	62.0	63.0	63.8	63.9	64.3	64.4	64.5	64.8	64.8	64.8	65.1	65.1	65.2	65.6
IV 12000	41.7	61.8	63.6	64.6	65.5	65.6	65.9	66.0	66.1	66.4	66.5	66.5	66.7	66.7	66.9	67.3
IV 10000	43.2	64.3	66.1	67.2	68.0	68.1	68.5	68.7	68.7	69.0	69.1	69.1	69.3	69.3	69.5	69.9
IV 9000	43.5	65.1	66.9	68.0	68.9	69.0	69.4	69.5	69.6	69.9	69.9	69.9	70.2	70.2	70.4	70.8
IV 8000	44.9	67.5	69.5	70.7	71.6	71.7	72.1	72.3	72.3	72.6	72.7	72.7	72.9	73.0	73.1	73.5
IV 7000	45.8	69.2	71.3	72.6	73.5	73.7	74.1	74.2	74.3	74.6	74.7	74.7	74.9	75.0	75.1	75.5
IV 6000	46.2	70.2	72.4	73.7	74.7	74.8	75.2	75.4	75.4	75.8	75.9	75.9	76.1	76.1	76.3	76.7
IV 5000	47.0	71.8	74.0	75.4	76.5	76.6	77.0	77.2	77.2	77.6	77.6	77.7	77.9	77.9	78.1	78.5
IV 4500	47.3	72.4	74.8	76.1	77.2	77.4	77.8	78.0	78.0	78.4	78.4	78.4	78.7	78.7	78.9	79.3
IV 4000	48.0	73.8	76.2	77.7	78.9	79.0	79.5	79.7	79.8	80.1	80.2	80.2	80.4	80.5	80.6	81.0
IV 3500	48.3	74.7	77.2	78.7	79.9	80.1	80.6	80.8	80.8	81.2	81.3	81.3	81.5	81.5	81.7	82.1
IV 3000	48.8	75.9	78.5	80.1	81.4	81.5	82.1	82.3	82.3	82.7	82.8	82.8	83.0	83.0	83.2	83.6
IV 2500	49.4	77.2	79.9	81.6	82.9	83.1	83.7	83.9	83.9	84.3	84.4	84.4	84.6	84.7	84.8	85.2
IV 2000	50.0	79.0	81.9	83.7	85.1	85.3	86.0	86.2	86.3	86.6	86.7	86.7	87.0	87.0	87.2	87.6
IV 1800	50.2	79.5	82.4	84.2	85.6	85.8	86.5	86.8	86.8	87.2	87.3	87.3	87.5	87.6	87.7	88.2
IV 1500	50.6	80.6	83.6	85.5	87.0	87.2	87.9	88.2	88.3	88.6	88.7	88.7	89.0	89.0	89.2	89.6
IV 1200	50.9	81.6	84.7	86.6	88.1	88.4	89.1	89.4	89.5	89.9	90.0	90.0	90.2	90.3	90.5	90.9
IV 1000	51.2	82.5	85.7	87.7	89.3	89.6	90.4	90.7	90.7	91.2	91.3	91.3	91.6	91.6	91.8	92.2
IV 900	51.2	83.0	86.2	88.2	89.9	90.1	91.0	91.3	91.3	91.8	91.9	91.9	92.2	92.2	92.4	92.8
IV 800	51.4	83.6	86.8	88.9	90.7	90.9	91.8	92.1	92.2	92.5	92.8	92.8	93.1	93.1	93.3	93.7
IV 700	51.4	83.9	87.3	89.4	91.3	91.5	92.4	92.7	92.8	93.3	93.4	93.4	93.7	93.7	93.9	94.4
IV 600	51.4	84.2	87.6	89.8	91.8	92.0	93.0	93.3	93.4	93.9	94.1	94.1	94.4	94.4	94.6	95.0
IV 500	51.5	84.6	88.2	90.5	92.6	92.9	94.0	94.4	94.4	95.1	95.2	95.2	95.5	95.6	95.7	96.2
IV 400	51.5	84.8	88.4	90.8	93.1	93.4	94.6	95.0	95.1	95.8	96.0	96.0	96.3	96.4	96.6	97.0
IV 300	51.5	84.9	88.5	91.0	93.3	93.7	95.0	95.5	95.6	96.5	96.7	96.7	97.1	97.1	97.4	97.9
IV 200	51.5	84.9	88.6	91.1	93.5	93.8	95.3	95.8	95.9	96.9	97.2	97.2	97.7	97.8	98.1	98.7
IV 100	51.5	84.9	88.6	91.1	93.5	93.9	95.3	95.8	95.9	96.9	97.3	97.3	97.8	97.9	98.3	99.2
IV 0	51.5	84.9	88.6	91.1	93.5	93.9	95.3	95.8	95.9	97.0	97.3	97.3	97.9	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 22615

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19920
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	26.8	42.1	43.5	44.4	45.1	45.2	45.6	45.7	45.7	45.9	46.0	46.0	46.2	46.2	46.3	46.5
≥ 20000	29.8	47.2	48.6	49.7	50.4	50.5	50.9	51.1	51.1	51.3	51.4	51.4	51.6	51.7	51.8	52.0
≥ 18000	29.8	47.3	48.7	49.8	50.6	50.6	51.1	51.2	51.2	51.5	51.6	51.6	51.8	51.8	52.0	52.2
≥ 16000	29.7	47.4	48.9	50.0	50.8	50.9	51.3	51.4	51.4	51.7	51.8	51.8	52.1	52.0	52.2	52.4
≥ 14000	30.1	48.0	49.6	50.7	51.5	51.6	52.0	52.2	52.2	52.4	52.6	52.6	52.8	52.8	52.9	53.2
≥ 12000	30.7	48.2	50.0	52.0	52.7	52.8	53.2	53.4	53.4	53.7	53.8	53.8	54.0	54.0	54.2	54.4
≥ 10000	31.8	51.2	53.0	54.3	55.1	55.2	55.6	55.8	55.8	56.0	56.1	56.2	56.4	56.4	56.6	56.8
≥ 9000	32.0	51.7	53.6	54.9	55.6	55.8	56.2	56.3	56.3	56.6	56.7	56.7	56.9	57.0	57.1	57.4
≥ 8000	33.0	53.9	55.9	57.2	58.0	58.1	58.6	58.7	58.7	59.0	59.1	59.1	59.3	59.4	59.5	59.7
≥ 7000	33.6	55.5	57.6	59.0	59.8	60.0	60.5	60.6	60.6	60.9	61.0	61.0	61.2	61.3	61.4	61.7
≥ 6000	34.2	56.7	58.8	60.3	61.2	61.3	61.8	62.0	62.0	62.3	62.4	62.4	62.6	62.7	62.8	63.1
≥ 5000	34.8	58.2	60.4	62.0	63.0	63.1	63.6	63.8	63.8	64.1	64.2	64.3	64.5	64.5	64.7	64.9
≥ 4500	35.1	59.0	61.5	62.9	63.9	64.1	64.6	64.8	64.8	65.1	65.2	65.2	65.4	65.4	65.6	65.9
≥ 4000	36.0	61.0	63.5	65.2	66.4	66.6	67.2	67.3	67.4	67.7	67.8	67.8	68.0	68.1	68.2	68.5
≥ 3500	36.6	62.3	64.8	66.5	67.8	68.0	68.6	68.8	68.8	69.1	69.3	69.3	69.5	69.5	69.7	69.9
≥ 3000	37.2	64.3	67.1	69.0	70.3	70.5	71.1	71.4	71.4	71.7	71.9	71.9	72.1	72.1	72.3	72.6
≥ 2500	38.0	66.3	69.2	71.4	72.8	73.0	73.6	73.9	73.9	74.3	74.4	74.4	74.7	74.7	74.9	75.1
≥ 2000	38.8	68.5	71.7	74.1	75.7	75.9	76.7	76.9	77.0	77.4	77.5	77.5	77.8	77.8	78.0	78.3
≥ 1800	39.0	68.9	72.2	74.6	76.2	76.4	77.2	77.5	77.6	78.0	78.1	78.1	78.4	78.4	78.6	78.8
≥ 1500	39.5	70.5	74.1	76.6	78.4	78.6	79.5	79.8	79.8	80.3	80.5	80.5	80.7	80.8	81.0	81.2
≥ 1200	39.9	71.7	75.4	78.2	80.0	80.3	81.3	81.6	81.6	82.1	82.3	82.3	82.6	82.6	82.8	83.1
≥ 1000	40.1	72.8	76.8	79.7	81.7	82.0	83.1	83.5	83.5	84.1	84.3	84.3	84.5	84.6	84.8	85.1
≥ 900	40.4	73.4	77.4	80.4	82.5	82.7	83.9	84.3	84.3	84.9	85.1	85.1	85.4	85.4	85.6	85.9
≥ 800	40.5	74.0	78.2	81.3	83.5	83.8	85.0	85.4	85.5	86.1	86.3	86.3	86.6	86.6	86.8	87.1
≥ 700	40.6	74.4	78.7	81.9	84.2	84.5	85.8	86.2	86.3	86.9	87.1	87.1	87.4	87.5	87.7	88.0
≥ 600	40.8	74.8	79.3	82.6	85.1	85.4	86.8	87.3	87.3	88.0	88.2	88.3	88.6	88.6	88.8	89.1
≥ 500	40.9	75.3	80.0	83.6	86.3	86.7	88.3	88.8	88.9	89.7	90.0	90.0	90.3	90.3	90.6	90.9
≥ 400	40.9	75.5	80.4	84.2	87.2	87.7	89.5	90.1	90.2	91.2	91.5	91.5	91.9	91.9	92.2	92.5
≥ 300	40.9	75.7	80.6	84.5	87.7	88.1	90.1	90.9	91.1	92.3	92.7	92.7	93.3	93.4	93.7	94.1
≥ 200	40.9	75.7	80.7	84.7	87.9	88.4	90.5	91.4	91.6	93.1	93.7	93.8	94.6	94.8	95.2	95.9
≥ 100	40.9	75.7	80.7	84.7	88.0	88.5	90.6	91.5	91.7	93.3	93.9	94.0	95.1	95.3	96.1	97.8
≥ 0	40.9	75.7	80.7	84.7	88.0	88.5	90.6	91.5	91.7	93.3	94.0	94.1	95.2	95.5	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS

22618

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-65,69,74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.2	40.7	42.4	43.8	44.9	44.9	45.2	45.3	45.3	45.7	45.9	45.9	46.2	46.2	46.4	47.2
IV 20000	27.0	43.6	45.4	46.8	48.0	48.0	48.3	48.5	48.5	48.9	49.1	49.1	49.4	49.4	49.6	50.4
IV 18000	27.2	43.7	45.6	46.9	48.1	48.1	48.5	48.6	48.6	49.0	49.2	49.2	49.5	49.6	49.7	50.5
IV 16000	27.2	43.8	45.6	46.9	48.2	48.2	48.5	48.6	48.7	49.0	49.3	49.3	49.6	49.6	49.8	50.6
IV 14000	27.5	44.5	46.3	47.6	48.8	48.8	49.2	49.3	49.4	49.7	49.9	49.9	50.2	50.3	50.4	51.2
IV 12000	28.6	46.6	48.5	49.8	51.0	51.0	51.4	51.5	51.6	51.9	52.2	52.2	52.5	52.5	52.7	53.5
IV 10000	29.2	47.8	49.8	51.2	52.4	52.4	52.8	52.9	53.0	53.3	53.5	53.5	53.9	53.9	54.1	54.9
IV 9000	29.5	48.1	50.1	51.5	52.7	52.7	53.1	53.2	53.3	53.6	53.9	53.9	54.2	54.2	54.5	55.3
IV 8000	30.4	49.7	51.7	53.4	54.7	54.7	55.2	55.3	55.4	55.7	55.9	55.9	56.3	56.3	56.6	57.4
IV 7000	31.1	51.0	53.0	54.7	56.0	56.0	56.5	56.6	56.7	57.0	57.2	57.2	57.6	57.6	57.9	58.7
IV 6000	31.8	52.2	54.3	55.9	57.4	57.4	57.8	58.0	58.0	58.4	58.6	58.6	58.9	59.0	59.2	60.0
IV 5000	32.1	53.1	55.2	57.0	58.4	58.4	58.9	59.1	59.2	59.5	59.7	59.7	60.0	60.1	60.4	61.2
IV 4500	32.3	53.7	55.9	57.6	59.1	59.1	59.6	59.8	59.8	60.3	60.5	60.5	60.8	60.8	61.1	61.9
IV 4000	32.7	54.9	57.2	59.0	60.5	60.5	61.2	61.4	61.5	62.0	62.2	62.2	62.5	62.6	62.9	63.7
IV 3500	33.1	56.5	58.9	60.7	62.4	62.4	63.0	63.3	63.3	63.8	64.0	64.0	64.3	64.4	64.7	65.5
IV 3000	33.4	57.7	60.2	62.2	63.9	63.9	64.6	64.8	64.9	65.4	65.6	65.6	65.9	66.0	66.3	67.1
IV 2500	34.1	59.2	62.0	64.1	65.9	65.9	66.5	66.8	66.8	67.3	67.6	67.6	67.9	68.0	68.2	69.1
IV 2000	35.0	61.4	64.2	66.6	68.5	68.5	69.3	69.5	69.5	70.1	70.3	70.3	70.6	70.7	71.0	71.8
IV 1800	35.1	61.6	64.6	67.1	69.0	69.0	69.8	70.0	70.1	70.6	70.8	70.8	71.1	71.2	71.5	72.3
IV 1500	35.6	63.0	66.1	68.7	70.7	70.7	71.5	71.7	71.8	72.3	72.6	72.6	72.9	73.0	73.3	74.1
IV 1200	35.7	64.1	67.3	69.9	72.1	72.1	73.0	73.2	73.3	73.9	74.1	74.1	74.4	74.5	74.8	75.6
IV 1000	35.9	65.0	68.5	71.2	73.4	73.4	74.3	74.6	74.6	75.2	75.5	75.5	75.8	75.9	76.2	77.0
IV 900	36.0	65.4	69.0	71.7	73.9	73.9	75.0	75.2	75.2	75.9	76.2	76.2	76.5	76.6	76.9	77.7
IV 800	36.0	66.1	69.8	72.7	75.0	75.1	76.2	76.4	76.4	77.1	77.4	77.4	77.7	77.8	78.1	79.0
IV 700	36.0	66.7	70.5	73.4	75.8	75.8	77.0	77.3	77.3	78.0	78.4	78.4	78.7	78.8	79.1	80.0
IV 600	36.1	67.5	71.4	74.3	77.1	77.1	78.4	78.7	78.8	79.5	79.8	79.8	80.2	80.3	80.5	81.4
IV 500	36.1	68.0	72.1	75.1	78.3	78.4	79.7	80.1	80.2	81.0	81.4	81.4	81.8	81.9	82.1	83.0
IV 400	36.1	68.7	73.1	76.1	79.4	79.5	81.2	81.6	81.7	82.6	83.0	83.0	83.4	83.5	83.7	84.6
IV 300	36.1	68.9	73.5	76.6	80.4	80.7	82.7	83.5	83.6	84.8	85.2	85.2	85.7	85.9	86.3	87.2
IV 200	36.1	69.0	73.6	76.8	80.9	81.3	83.6	84.6	84.7	86.5	87.1	87.1	87.9	88.2	88.9	90.0
IV 100	36.1	69.1	73.9	77.1	81.2	81.6	84.1	85.2	85.3	87.5	88.4	88.4	89.6	90.1	91.3	93.9
IV 0	36.1	69.1	73.9	77.1	81.2	81.6	84.1	85.2	85.3	87.5	88.5	88.6	90.1	90.6	92.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2245

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-66,69-74
YEARS

JAN
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.3	37.0	38.9	40.2	40.7	40.7	40.9	41.0	41.1	41.3	41.4	41.4	41.5	41.6	42.2	43.4
≥ 20000	24.9	39.5	41.5	42.8	43.3	43.3	43.6	43.6	43.7	43.9	44.1	44.1	44.2	44.3	44.9	46.1
IV 18000	25.0	39.6	41.6	42.9	43.4	43.4	43.7	43.7	43.8	44.1	44.2	44.2	44.3	44.4	45.0	46.2
IV 16000	25.0	39.6	41.6	42.9	43.4	43.4	43.7	43.7	43.8	44.1	44.2	44.2	44.3	44.4	45.0	46.2
IV 14000	25.5	40.2	42.7	43.5	44.0	44.0	44.3	44.4	44.5	44.7	44.8	44.8	45.0	45.0	45.7	46.9
IV 12000	26.3	41.6	43.6	45.0	45.5	45.5	45.8	45.9	46.0	46.3	46.4	46.4	46.5	46.6	47.2	48.4
IV 10000	26.9	42.8	44.9	46.4	47.0	47.0	47.4	47.5	47.6	47.8	48.0	48.0	48.2	48.3	48.9	50.1
IV 9000	27.1	43.2	45.3	46.8	47.4	47.4	47.8	47.9	48.0	48.3	48.4	48.4	48.6	48.7	49.3	50.5
IV 8000	27.7	44.9	47.2	48.9	49.6	49.6	50.0	50.1	50.2	50.5	50.7	50.7	50.9	50.9	51.5	52.8
IV 7000	28.7	46.5	48.8	50.6	51.2	51.2	51.6	51.7	51.8	52.1	52.3	52.3	52.5	52.6	53.2	54.4
IV 6000	29.6	48.5	50.9	52.6	53.3	53.3	53.7	53.8	53.9	54.2	54.3	54.3	54.6	54.7	55.3	56.5
IV 5000	30.2	50.0	52.3	54.1	54.8	54.8	55.2	55.3	55.4	55.7	55.9	55.9	56.1	56.2	56.8	58.0
IV 4500	30.4	50.4	52.8	54.6	55.4	55.4	55.8	55.9	56.0	56.3	56.5	56.5	56.7	56.8	57.4	58.7
IV 4000	30.8	51.7	54.2	56.3	57.0	57.0	57.5	57.6	57.7	58.0	58.2	58.2	58.4	58.5	59.1	60.3
IV 3500	31.4	53.1	55.6	57.6	58.5	58.5	58.9	59.1	59.1	59.5	59.6	59.6	59.9	60.0	60.6	61.8
IV 3000	31.7	54.2	56.8	58.9	60.0	60.0	60.4	60.6	60.7	61.0	61.1	61.1	61.4	61.5	62.1	63.3
IV 2500	32.5	55.7	58.4	60.6	61.8	61.8	62.3	62.4	62.5	62.8	63.0	63.0	63.3	63.4	64.0	65.2
IV 2000	33.7	58.1	60.9	63.3	64.7	64.8	65.4	65.5	65.6	66.0	66.2	66.2	66.5	66.5	67.2	68.4
IV 1800	33.9	58.6	61.6	64.0	65.5	65.6	66.2	66.3	66.4	66.8	67.0	67.0	67.3	67.4	68.0	69.2
IV 1500	34.3	60.3	63.5	65.9	67.4	67.5	68.2	68.3	68.4	68.9	69.1	69.1	69.3	69.4	70.0	71.3
IV 1200	34.6	61.5	64.8	67.3	68.9	69.0	69.7	69.8	69.9	70.4	70.6	70.6	70.9	71.0	71.6	73.0
IV 1000	34.7	62.5	66.1	68.8	70.6	70.7	71.6	71.7	71.8	72.4	72.6	72.6	72.9	73.0	73.6	75.0
IV 900	34.9	63.3	66.9	69.8	71.6	71.7	72.6	72.8	72.9	73.4	73.6	73.6	74.0	74.1	74.7	76.0
IV 800	34.9	63.7	67.4	70.5	72.4	72.4	73.5	73.7	73.7	74.3	74.5	74.5	74.8	74.9	75.5	76.9
IV 700	34.9	64.4	68.3	71.5	73.5	73.6	74.6	74.9	75.0	75.5	75.7	75.7	76.1	76.2	76.8	78.2
IV 600	35.2	65.0	68.9	72.4	74.6	74.7	75.9	76.1	76.3	76.8	77.0	77.0	77.4	77.5	78.1	79.4
IV 500	35.2	65.6	69.7	73.3	75.8	75.9	77.2	77.6	77.7	78.5	78.7	78.7	79.2	79.3	79.9	81.2
IV 400	35.2	66.1	70.7	74.4	77.2	77.3	79.1	79.5	79.6	80.5	80.8	80.8	81.3	81.4	82.0	83.3
IV 300	35.2	66.5	71.2	75.2	78.4	78.5	80.5	81.2	81.4	82.4	82.9	83.0	83.7	83.8	84.5	85.9
IV 200	35.2	66.7	71.4	75.4	78.9	79.0	81.2	82.1	82.4	84.0	85.0	85.2	86.3	86.8	88.0	89.8
IV 100	35.2	66.7	71.4	75.4	79.1	79.3	81.5	82.4	82.7	84.7	85.7	86.0	87.6	88.3	90.0	94.1
IV 0	35.2	66.7	71.4	75.4	79.1	79.3	81.5	82.4	82.7	84.7	85.8	86.0	88.1	88.9	90.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2460

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.4	32.6	33.8	34.3	35.3	35.3	35.5	35.6	35.6	36.1	36.2	36.2	36.5	36.5	36.9	37.3
≥ 20000	25.2	36.9	38.2	38.8	39.8	39.8	40.0	40.2	40.2	40.6	40.7	40.7	41.2	41.2	41.6	42.1
IV 18000	25.2	36.9	38.2	38.9	39.9	39.9	40.1	40.2	40.2	40.7	40.8	40.8	41.2	41.3	41.7	42.2
IV 16000	25.4	37.2	38.6	39.2	40.2	40.2	40.4	40.6	40.6	41.0	41.1	41.1	41.6	41.6	42.0	42.5
IV 14000	25.6	37.6	39.0	39.5	40.7	40.7	40.9	41.1	41.1	41.5	41.7	41.7	42.1	42.1	42.5	43.0
IV 12000	26.6	39.1	40.5	41.2	42.4	42.4	42.6	42.9	42.9	43.3	43.4	43.4	43.9	43.9	44.3	44.8
IV 10000	27.6	40.8	42.3	43.1	44.4	44.4	44.7	44.9	44.9	45.4	45.5	45.5	46.0	46.0	46.5	47.0
IV 9000	28.2	41.6	43.1	44.0	45.3	45.3	45.6	45.9	45.9	46.3	46.4	46.4	46.9	47.0	47.5	48.0
IV 8000	29.1	43.9	45.7	46.5	47.9	48.0	48.3	48.6	48.6	49.1	49.3	49.3	49.8	49.9	50.4	50.9
IV 7000	30.0	45.7	47.5	48.5	49.8	50.0	50.3	50.6	50.6	51.2	51.3	51.3	51.9	51.9	52.5	53.0
IV 6000	30.6	47.2	49.1	50.1	51.5	51.6	52.1	52.5	52.5	53.1	53.2	53.2	53.8	53.8	54.5	55.1
IV 5000	31.3	48.7	50.7	51.7	53.2	53.3	53.9	54.2	54.3	54.9	55.0	55.0	55.6	55.7	56.3	57.0
IV 4500	31.6	49.5	51.6	52.6	54.1	54.3	54.9	55.2	55.3	55.9	56.0	56.0	56.6	56.7	57.4	58.0
IV 4000	32.3	50.8	53.0	54.1	55.8	56.0	56.6	57.0	57.0	57.7	57.8	57.8	58.4	58.5	59.1	59.8
IV 3500	32.8	51.9	54.1	55.4	57.1	57.2	57.9	58.3	58.3	59.0	59.1	59.1	59.8	59.8	60.5	61.1
IV 3000	33.3	53.5	56.0	57.3	59.2	59.4	60.1	60.4	60.5	61.1	61.2	61.2	61.9	61.9	62.6	63.3
IV 2500	34.3	55.5	58.1	59.5	61.6	61.8	62.5	62.9	63.6	63.8	63.8	63.8	64.4	64.5	65.2	65.9
IV 2000	35.2	57.8	60.6	62.2	64.6	64.8	65.5	66.0	66.1	66.8	66.9	66.9	67.6	67.7	68.3	69.1
IV 1800	35.5	58.5	61.3	63.0	65.4	65.6	66.4	66.8	66.9	67.6	67.8	67.8	68.4	68.5	69.1	69.9
IV 1500	35.9	60.0	63.0	64.9	67.4	67.6	68.4	68.9	69.0	69.7	69.9	69.9	70.6	70.7	71.3	72.2
IV 1200	36.3	61.1	64.4	66.3	68.9	69.1	70.0	70.6	70.6	71.4	71.7	71.7	72.4	72.5	73.1	74.0
IV 1000	36.6	62.2	65.8	67.9	70.7	70.9	72.0	72.6	72.6	73.5	73.7	73.7	74.4	74.5	75.2	76.1
IV 900	36.7	62.8	66.4	68.6	71.5	71.8	72.9	73.5	73.6	74.4	74.7	74.7	75.3	75.4	76.1	77.0
IV 800	36.9	63.7	67.4	69.7	72.8	73.0	74.3	74.9	74.9	75.8	76.0	76.0	76.8	76.9	77.5	78.4
IV 700	37.0	64.3	68.0	70.5	73.7	73.9	75.2	75.8	75.9	76.8	77.1	77.1	77.9	78.0	78.7	79.6
IV 600	37.3	65.1	69.0	71.7	75.0	75.3	76.8	77.4	77.5	78.4	78.7	78.7	79.6	79.7	80.4	81.4
IV 500	37.4	65.8	70.1	73.0	76.8	77.2	79.1	80.1	80.3	81.5	82.0	82.0	83.0	83.1	83.8	84.9
IV 400	37.4	65.9	70.4	73.5	77.5	78.0	80.1	81.3	81.4	82.7	83.3	83.3	84.3	84.5	85.3	86.3
IV 300	37.4	66.0	70.7	74.0	78.2	78.7	81.3	83.0	83.1	84.5	85.3	85.3	86.7	86.9	88.1	89.3
IV 200	37.4	66.1	70.8	74.1	78.4	78.9	81.7	83.5	83.7	85.4	86.4	86.5	88.5	88.8	90.3	92.0
IV 100	37.4	66.1	70.8	74.2	78.5	79.0	81.7	83.6	83.8	85.8	86.9	87.0	89.4	89.8	92.5	96.5
IV 0	37.4	66.1	70.8	74.2	78.5	79.0	81.7	83.6	83.8	85.8	86.9	87.0	89.6	90.1	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3014

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.6	36.2	37.4	37.7	37.9	37.9	38.2	38.2	38.2	38.3	38.4	38.4	38.5	38.5	38.6	38.6
IV 20000	31.5	42.0	43.4	43.8	44.0	44.0	44.4	44.4	44.4	44.5	44.6	44.6	44.7	44.7	44.8	44.9
IV 18000	31.6	42.2	43.5	44.0	44.2	44.2	44.6	44.6	44.6	44.7	44.8	44.8	44.9	44.9	45.0	45.1
IV 15000	31.7	42.3	43.6	44.0	44.2	44.3	44.6	44.7	44.7	44.8	44.8	44.8	45.0	45.0	45.1	45.1
IV 14000	32.7	43.6	45.0	45.4	45.7	45.7	46.1	46.2	46.2	46.3	46.3	46.3	46.4	46.5	46.6	46.6
IV 12000	33.6	44.9	46.4	46.9	47.2	47.2	47.6	47.7	47.7	47.8	47.8	47.8	48.0	48.0	48.1	48.1
IV 10000	34.5	46.5	48.0	48.6	49.0	49.0	49.5	49.5	49.5	49.6	49.7	49.7	49.8	49.8	49.9	50.0
IV 9000	35.0	47.5	49.0	49.7	50.1	50.1	50.6	50.7	50.7	50.8	50.8	50.8	51.0	51.0	51.1	51.1
IV 8000	36.4	50.2	51.8	52.6	53.0	53.1	53.5	53.6	53.6	53.7	53.8	53.8	53.9	54.0	54.1	54.1
IV 7000	37.1	51.8	53.5	54.3	54.9	54.9	55.4	55.5	55.5	55.6	55.6	55.6	55.8	55.9	56.0	56.0
IV 6000	38.0	53.3	55.1	56.1	56.6	56.7	57.3	57.4	57.4	57.6	57.6	57.6	57.8	57.9	58.0	58.0
IV 5000	39.1	55.5	57.4	58.4	59.1	59.2	59.9	60.0	60.0	60.2	60.2	60.2	60.4	60.6	60.7	60.7
IV 4500	39.6	56.2	58.1	59.3	59.9	60.0	60.8	60.9	60.9	61.1	61.1	61.1	61.3	61.5	61.6	61.6
IV 4000	40.3	57.6	59.7	60.9	61.8	61.9	62.8	62.9	62.9	63.1	63.1	63.1	63.3	63.5	63.6	63.6
IV 3500	40.6	58.5	60.6	61.8	62.8	63.0	63.8	63.9	64.0	64.2	64.2	64.2	64.4	64.5	64.6	64.7
IV 3000	41.2	59.9	62.1	63.3	64.5	64.8	65.7	65.8	65.8	66.0	66.1	66.1	66.3	66.4	66.5	66.5
IV 2500	41.8	61.9	64.3	65.6	67.1	67.4	68.3	68.4	68.5	68.7	68.8	68.8	69.0	69.2	69.3	69.3
IV 2000	43.1	64.0	66.6	68.2	69.8	70.1	71.1	71.3	71.3	71.6	71.7	71.7	71.9	72.1	72.2	72.2
IV 1800	43.3	64.4	67.0	68.6	70.3	70.6	71.6	71.8	71.8	72.1	72.2	72.2	72.5	72.6	72.7	72.8
IV 1500	43.8	66.2	69.0	70.8	72.5	72.9	74.0	74.3	74.3	74.7	74.8	74.8	75.1	75.3	75.4	75.4
IV 1200	44.2	67.7	70.6	72.5	74.6	74.9	76.1	76.4	76.5	76.9	77.0	77.0	77.3	77.4	77.5	77.6
IV 1000	44.8	69.3	72.4	74.6	76.9	77.3	78.5	78.9	78.9	79.4	79.4	79.5	79.9	80.0	80.1	80.2
IV 900	45.0	70.2	73.3	75.5	77.9	78.3	79.5	79.9	80.0	80.4	80.5	80.5	80.9	81.1	81.2	81.2
IV 800	45.5	71.1	74.6	76.9	79.4	79.9	81.1	81.7	81.7	82.2	82.3	82.3	82.7	82.9	83.0	83.0
IV 700	45.7	71.7	75.4	78.0	80.6	81.1	82.5	83.1	83.2	83.7	83.8	83.8	84.2	84.4	84.5	84.5
IV 600	45.9	72.4	76.3	79.1	82.0	82.5	83.9	84.5	84.6	85.1	85.2	85.2	85.7	85.8	85.9	86.0
IV 500	46.0	73.1	77.3	80.4	83.8	84.4	86.3	87.2	87.4	88.0	88.2	88.2	88.7	88.9	89.0	89.0
IV 400	46.0	73.4	77.6	80.9	84.8	85.4	87.5	88.7	88.9	89.7	90.0	90.0	90.7	90.9	91.0	91.1
IV 300	46.1	73.5	77.9	81.2	85.2	86.0	88.4	89.8	90.2	91.3	92.1	92.1	93.2	93.6	93.8	94.1
IV 200	46.1	73.5	77.9	81.3	85.4	86.2	88.7	90.1	90.5	92.1	93.0	93.1	94.7	95.2	95.8	96.5
IV 100	46.1	73.5	78.0	81.4	85.4	86.3	88.7	90.2	90.6	92.2	93.2	93.3	95.3	95.9	97.0	98.6
IV 0	46.2	73.6	78.0	81.4	85.5	86.3	88.8	90.3	90.7	92.3	93.3	93.4	95.5	96.2	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3016

MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEAR

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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	31.7	38.8	39.3	39.7	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.1
IV 20000	37.6	45.8	46.5	47.0	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5
IV 18000	37.6	45.8	46.5	47.0	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.6
IV 16000	37.8	46.1	46.9	47.4	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9
IV 14000	38.6	47.3	48.0	48.6	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1
IV 12000	39.7	49.0	49.7	50.3	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0
IV 10000	41.2	51.1	51.9	52.6	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4
IV 9000	41.6	51.9	52.7	53.5	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3
IV 8000	43.2	54.6	55.5	56.3	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1
IV 7000	44.2	56.6	57.7	58.6	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5
IV 6000	44.9	57.9	59.1	60.0	60.6	60.7	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0
IV 5000	46.0	60.0	61.2	62.3	62.9	63.0	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4
IV 4500	46.4	60.6	61.9	62.9	63.6	63.6	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.1
IV 4000	47.6	62.4	63.8	64.9	65.6	65.6	65.8	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1
IV 3500	48.0	63.4	64.8	66.0	66.7	66.7	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4
IV 3000	49.1	65.8	67.3	68.5	69.3	69.4	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1
IV 2500	50.0	68.3	70.0	71.4	72.4	72.5	72.9	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5
IV 2000	50.9	70.7	72.6	74.1	75.2	75.3	75.8	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5
IV 1800	51.2	71.2	73.1	74.6	75.8	75.9	76.4	76.8	76.8	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.2
IV 1500	51.9	73.3	75.4	77.1	78.4	78.5	79.1	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8
IV 1200	52.4	75.0	77.6	79.5	81.2	81.3	82.0	82.4	82.4	82.5	82.6	82.6	82.7	82.7	82.8	82.8	82.8
IV 1000	52.8	76.3	79.3	81.4	83.4	83.5	84.2	84.7	84.7	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.1
IV 900	53.0	77.1	80.3	82.5	84.5	84.7	85.4	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3
IV 800	53.2	77.7	81.2	83.4	85.6	85.8	86.7	87.2	87.3	87.5	87.7	87.7	87.7	87.7	87.8	87.8	87.8
IV 700	53.2	78.3	81.9	84.4	86.9	87.2	88.2	88.9	88.9	89.3	89.4	89.4	89.5	89.5	89.7	89.7	89.7
IV 600	53.3	78.5	82.1	84.8	87.6	88.0	89.1	89.8	89.9	90.3	90.4	90.4	90.5	90.6	90.7	90.7	90.7
IV 500	53.3	78.9	82.6	85.5	88.7	89.1	90.0	91.4	91.5	92.1	92.3	92.3	92.4	92.4	92.5	92.5	92.5
IV 400	53.4	79.3	83.1	86.1	89.6	90.1	91.6	92.9	93.0	93.9	94.1	94.1	94.3	94.4	94.6	94.6	94.6
IV 300	53.4	79.3	83.2	86.2	89.9	90.4	92.4	93.5	93.7	94.8	95.2	95.2	95.6	95.8	96.2	96.5	96.5
IV 200	53.4	79.3	83.2	86.3	90.0	90.5	92.5	93.7	93.9	95.3	95.9	96.0	96.7	97.0	97.7	98.1	98.1
IV 100	53.4	79.3	83.2	86.3	90.0	90.5	92.5	93.8	94.0	95.4	96.1	96.7	97.1	97.5	98.4	99.2	99.2
IV 0	53.4	79.3	83.2	86.3	90.0	90.5	92.5	93.8	94.0	95.4	96.1	96.2	97.2	97.7	98.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3025

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
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	30.6	39.1	39.8	40.3	40.6	40.6	40.6	40.6	40.6	40.7	40.8	40.8	40.9	40.9	40.9	40.9
≥ 20000	37.6	47.7	48.7	49.2	49.5	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.9
IV 18000	37.8	48.0	49.0	49.5	49.8	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1
IV 16000	37.9	48.1	49.1	49.7	50.0	50.0	50.0	50.0	50.0	50.1	50.2	50.2	50.2	50.2	50.3	50.3
IV 14000	38.3	48.9	49.9	50.6	50.9	50.9	51.0	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.4
IV 12000	39.8	50.8	51.8	52.7	53.2	53.2	53.3	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.6	53.6
IV 10000	41.2	52.7	53.8	54.7	55.2	55.2	55.3	55.3	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6
IV 9000	41.7	53.5	54.6	55.6	56.1	56.1	56.2	56.2	56.2	56.4	56.4	56.4	56.5	56.5	56.5	56.6
IV 8000	43.2	56.3	57.5	58.5	58.9	58.9	59.1	59.1	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.4
IV 7000	44.2	58.1	59.4	60.6	61.0	61.0	61.2	61.2	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.6
IV 6000	44.8	59.6	61.2	62.4	62.9	62.9	63.0	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.4	63.4
IV 5000	45.5	61.1	62.8	64.2	64.7	64.7	64.9	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.3
IV 4500	46.1	62.1	63.8	65.2	65.7	65.7	65.8	65.9	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2
IV 4000	47.0	63.8	65.5	67.1	67.8	67.8	68.1	68.3	68.3	68.4	68.5	68.5	68.6	68.6	68.7	68.7
IV 3500	47.6	65.1	66.9	68.5	69.3	69.3	69.6	69.8	69.8	69.9	70.1	70.1	70.2	70.2	70.2	70.3
IV 3000	48.2	66.7	68.9	70.6	71.5	71.6	71.9	72.1	72.1	72.2	72.4	72.4	72.5	72.5	72.6	72.6
IV 2500	49.2	69.1	71.5	73.5	74.6	74.7	75.0	75.3	75.3	75.5	75.7	75.7	75.8	75.8	75.9	75.9
IV 2000	49.9	71.6	74.4	76.5	77.9	78.0	78.4	78.7	78.7	78.9	79.1	79.1	79.3	79.3	79.3	79.4
IV 1800	50.0	71.9	74.7	76.9	78.4	78.5	78.8	79.1	79.1	79.3	79.6	79.6	79.8	79.8	79.8	79.9
IV 1500	50.6	74.1	77.1	79.4	81.0	81.1	81.6	81.9	81.9	82.1	82.4	82.4	82.6	82.6	82.7	82.7
IV 1200	50.9	75.3	78.4	80.8	82.5	82.7	83.4	83.7	83.7	84.0	84.2	84.2	84.4	84.4	84.5	84.6
IV 1000	51.1	76.3	79.5	82.2	84.3	84.5	85.3	85.6	85.7	86.0	86.2	86.2	86.4	86.4	86.5	86.6
IV 900	51.3	76.8	80.2	83.0	85.3	85.5	86.3	86.7	86.8	87.1	87.3	87.3	87.5	87.5	87.6	87.7
IV 800	51.3	77.3	80.7	83.8	86.2	86.4	87.4	87.8	87.9	88.2	88.5	88.5	88.7	88.7	88.8	88.8
IV 700	51.3	77.7	81.3	84.5	87.1	87.4	88.5	88.9	89.0	89.4	89.6	89.6	89.8	89.8	89.9	90.0
IV 600	51.4	78.0	81.7	85.0	87.8	88.1	89.4	89.9	89.9	90.5	90.9	90.9	91.1	91.1	91.2	91.2
IV 500	51.6	78.6	82.3	85.7	88.7	89.0	90.7	91.3	91.3	92.1	92.4	92.4	92.6	92.6	92.8	92.8
IV 400	51.6	78.8	82.6	86.2	89.6	90.0	91.8	92.6	92.7	93.8	94.2	94.2	94.5	94.5	94.8	94.8
IV 300	51.6	78.8	82.6	86.2	90.0	90.4	92.4	93.2	93.3	94.6	95.2	95.3	95.8	95.9	96.2	96.4
IV 200	51.6	78.8	82.6	86.2	90.0	90.4	92.5	93.4	93.5	95.0	95.7	95.8	96.6	96.7	97.3	97.7
IV 100	51.6	78.8	82.6	86.2	90.0	90.4	92.5	93.5	93.6	95.2	95.9	96.0	97.0	97.3	98.1	98.9
IV 0	51.6	78.8	82.7	86.3	90.1	90.5	92.6	93.5	93.6	95.3	96.0	96.0	97.1	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3013

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1860-2000
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	27.8	41.1	42.7	43.8	44.3	44.3	44.5	44.5	44.5	44.6	44.6	44.6	44.7	44.7	44.7	44.7
≥ 20000	31.8	46.8	48.5	49.7	50.3	50.3	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.8	50.8
IV 18000	32.0	47.0	48.7	49.9	50.5	50.5	50.7	50.7	50.7	50.9	50.9	50.9	50.9	50.9	51.0	51.0
IV 16000	32.2	47.3	49.0	50.2	50.8	50.8	51.0	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.2
IV 14000	32.6	48.0	49.7	50.9	51.5	51.5	51.8	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0
IV 12000	33.7	49.8	51.7	53.0	53.7	53.7	53.9	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2
IV 10000	34.7	51.4	53.4	54.7	55.4	55.4	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.1	56.1
IV 9000	35.0	51.9	53.9	55.2	56.0	56.0	56.3	56.3	56.3	56.6	56.6	56.6	56.7	56.7	56.7	56.7
IV 8000	36.4	53.7	55.7	57.0	57.8	57.8	58.1	58.2	58.2	58.5	58.5	58.5	58.6	58.6	58.6	58.6
IV 7000	37.1	55.0	57.2	58.6	59.4	59.4	59.8	59.8	59.8	60.1	60.1	60.1	60.2	60.2	60.2	60.2
IV 6000	37.6	56.2	58.6	60.2	61.0	61.0	61.3	61.4	61.4	61.6	61.7	61.7	61.7	61.7	61.8	61.8
IV 5000	38.8	58.0	60.5	62.1	63.0	63.0	63.4	63.5	63.5	63.8	63.8	63.8	63.9	63.9	63.9	63.9
IV 4500	39.2	58.8	61.4	63.0	63.9	63.9	64.3	64.4	64.4	64.7	64.7	64.7	64.8	64.8	64.8	64.8
IV 4000	40.1	60.7	63.4	65.1	66.1	66.1	66.6	66.7	66.7	67.0	67.0	67.0	67.1	67.1	67.1	67.2
IV 3500	40.7	62.1	64.9	66.7	67.7	67.7	68.3	68.3	68.3	68.6	68.7	68.7	68.8	68.8	68.8	68.9
IV 3000	41.1	63.4	66.4	68.2	69.3	69.3	69.9	70.0	70.0	70.3	70.3	70.3	70.4	70.4	70.5	70.5
IV 2500	41.6	65.3	68.6	70.6	71.9	71.9	72.7	72.9	72.9	73.2	73.3	73.3	73.4	73.4	73.4	73.5
IV 2000	42.4	67.6	71.1	73.4	74.9	74.9	75.8	76.0	76.0	76.3	76.4	76.4	76.5	76.5	76.5	76.6
IV 1800	42.6	68.2	71.7	74.1	75.6	75.6	76.5	76.7	76.7	77.1	77.1	77.1	77.2	77.2	77.3	77.3
IV 1500	43.1	69.7	73.5	76.0	77.5	77.5	78.7	78.9	78.9	79.3	79.3	79.3	79.4	79.4	79.5	79.5
IV 1200	43.5	70.9	74.8	77.6	79.4	79.4	80.7	80.9	80.9	81.3	81.3	81.3	81.4	81.4	81.5	81.5
IV 1000	43.6	71.7	75.7	78.5	80.5	80.5	81.9	82.2	82.2	82.7	82.8	82.8	82.9	82.9	82.9	83.0
IV 900	43.9	72.5	76.5	79.4	81.4	81.5	82.9	83.2	83.2	83.7	83.8	83.8	83.9	83.9	83.9	84.0
IV 800	43.9	73.1	77.2	80.2	82.3	82.4	84.0	84.4	84.4	84.9	85.0	85.0	85.1	85.1	85.2	85.2
IV 700	44.0	73.7	78.2	81.3	83.6	83.8	85.5	85.8	85.8	86.4	86.5	86.5	86.6	86.6	86.7	86.7
IV 600	44.0	74.1	78.8	82.0	84.4	84.6	86.4	86.8	85.8	87.4	87.5	87.5	87.6	87.6	87.7	87.8
IV 500	44.0	74.5	79.4	82.6	85.4	85.6	87.6	88.2	88.2	88.8	89.0	89.0	89.1	89.1	89.2	89.3
IV 400	44.0	74.7	79.9	83.2	86.7	87.0	89.3	90.0	90.1	90.8	91.0	91.0	91.2	91.2	91.4	91.6
IV 300	44.0	74.9	80.0	83.6	87.3	87.8	90.3	91.2	91.3	92.5	93.0	93.0	93.3	93.4	93.6	93.9
IV 200	44.0	74.9	80.1	83.7	87.5	88.0	90.7	91.7	91.8	93.2	93.6	93.7	94.6	94.8	95.4	96.0
IV 100	44.0	74.9	80.1	83.8	87.6	88.1	90.8	91.8	91.9	93.3	94.0	94.0	95.1	95.5	96.3	97.9
IV 0	44.0	75.0	80.1	83.8	87.6	88.1	90.8	91.9	92.0	93.4	94.0	94.1	95.2	95.7	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2984

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
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	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.4	41.8	43.8	45.0	46.0	46.1	46.3	46.3	46.3	46.5	46.5	46.5	46.8	46.8	46.9	47.3
IV 20000	30.2	46.0	48.2	49.4	50.4	50.5	50.8	50.8	50.8	50.9	51.0	51.0	51.3	51.3	51.4	51.8
IV 18000	30.3	46.2	48.3	49.6	50.6	50.7	51.0	51.0	51.0	51.1	51.1	51.1	51.4	51.4	51.5	52.0
IV 16000	30.5	46.4	48.5	49.8	50.8	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.6	51.6	51.7	52.2
IV 14000	30.8	47.2	49.3	50.6	51.6	51.7	52.0	52.0	52.0	52.1	52.1	52.1	52.4	52.4	52.5	53.0
IV 12000	32.0	49.0	51.3	52.5	53.5	53.6	53.9	53.9	53.9	54.1	54.1	54.1	54.4	54.4	54.5	55.0
IV 10000	32.8	50.4	52.6	54.1	55.1	55.1	55.4	55.5	55.5	55.6	55.6	55.6	56.0	56.0	56.1	56.5
IV 9000	33.1	50.8	53.0	54.5	55.5	55.6	55.9	55.9	55.9	56.1	56.1	56.1	56.5	56.5	56.6	57.0
IV 8000	33.9	52.5	55.0	56.5	57.5	57.6	58.0	58.0	58.0	58.2	58.3	58.3	58.6	58.6	58.7	59.2
IV 7000	34.9	53.9	56.5	58.0	59.0	59.1	59.5	59.5	59.5	59.7	59.8	59.8	60.1	60.1	60.3	60.7
IV 6000	35.4	55.1	57.7	59.2	60.3	60.4	60.7	60.8	60.8	61.0	61.1	61.1	61.4	61.4	61.5	62.0
IV 5000	36.1	56.4	59.0	60.7	61.8	61.9	62.3	62.4	62.4	62.5	62.6	62.6	63.0	63.0	63.1	63.5
IV 4500	36.4	57.1	59.7	61.4	62.5	62.6	63.0	63.1	63.1	63.3	63.4	63.4	63.8	63.8	63.9	64.4
IV 4000	36.9	58.3	61.1	62.9	63.9	64.1	64.5	64.5	64.5	64.8	64.9	64.9	65.3	65.3	65.4	65.9
IV 3500	37.0	59.2	62.1	63.9	64.9	65.1	65.5	65.6	65.6	65.9	66.0	66.0	66.3	66.3	66.5	66.9
IV 3000	37.3	60.4	63.3	65.2	66.2	66.5	66.9	67.0	67.0	67.3	67.4	67.4	67.7	67.7	67.9	68.3
IV 2500	37.7	62.0	65.1	67.1	68.2	68.5	68.9	69.0	69.0	69.3	69.4	69.4	69.7	69.7	69.9	70.3
IV 2000	38.7	64.4	67.5	69.7	71.0	71.2	71.8	71.9	71.9	72.2	72.3	72.3	72.7	72.7	72.8	73.2
IV 1800	39.0	64.8	67.9	70.2	71.5	71.7	72.3	72.4	72.4	72.7	72.8	72.8	73.2	73.2	73.3	73.8
IV 1500	39.3	66.3	69.5	72.1	73.4	73.7	74.3	74.4	74.4	74.8	74.9	74.9	75.2	75.2	75.4	75.8
IV 1200	39.7	67.5	70.8	73.4	74.7	74.9	75.6	75.7	75.7	76.1	76.2	76.2	76.5	76.5	76.7	77.1
IV 1000	39.9	68.5	71.7	74.5	76.1	76.3	77.0	77.1	77.2	77.6	77.7	77.7	78.0	78.0	78.2	78.7
IV 900	40.2	69.2	72.6	75.5	77.0	77.2	78.2	78.3	78.3	78.7	78.9	78.9	79.2	79.2	79.4	79.9
IV 800	40.2	70.0	73.5	76.5	78.2	78.4	79.4	79.5	79.6	80.1	80.2	80.2	80.6	80.6	80.7	81.2
IV 700	40.2	70.3	73.8	77.0	78.9	79.1	80.1	80.2	80.3	80.8	80.9	80.9	81.3	81.3	81.4	81.9
IV 600	40.2	70.7	74.4	77.9	79.9	80.1	81.3	81.4	81.5	82.0	82.1	82.1	82.5	82.5	82.6	83.1
IV 500	40.3	71.4	75.2	79.0	81.1	81.4	82.8	83.0	83.1	83.7	83.9	84.0	84.4	84.4	84.6	85.1
IV 400	40.3	71.9	76.1	79.9	82.4	82.7	84.5	84.7	84.8	85.5	85.8	85.8	86.2	86.2	86.4	87.0
IV 300	40.3	72.1	76.4	80.3	83.1	83.5	85.5	85.9	86.1	87.1	87.6	87.6	88.1	88.2	88.6	89.3
IV 200	40.3	72.3	76.8	80.8	83.6	84.0	86.3	86.8	87.0	88.5	89.1	89.2	89.9	90.2	90.8	92.0
IV 100	40.3	72.4	76.9	80.9	83.8	84.2	86.7	87.2	87.4	89.3	90.2	90.3	91.4	92.1	93.4	96.1
IV 0	40.3	72.4	76.9	80.9	83.8	84.2	86.8	87.3	87.5	89.4	90.3	90.3	91.8	92.6	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2710

MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-66,74
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	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING	24.7	44.0	46.4	48.4	49.3	49.3	49.6	49.7	49.7	50.3	50.4	50.4	50.5	50.6	50.6	50.7
IV 20000	26.1	46.3	48.9	50.9	51.9	51.9	52.1	52.2	52.2	52.8	52.9	52.9	53.1	53.1	53.2	53.3
IV 18000	26.2	46.4	49.0	51.0	52.0	52.0	52.2	52.3	52.3	52.9	53.0	53.0	53.2	53.2	53.3	53.4
IV 16000	26.2	46.4	49.0	51.0	52.0	52.0	52.2	52.3	52.3	52.9	53.0	53.0	53.2	53.2	53.3	53.4
IV 14000	26.3	46.7	49.3	51.3	52.2	52.2	52.5	52.6	52.6	53.2	53.3	53.3	53.5	53.5	53.6	53.7
IV 12000	27.1	48.7	51.3	53.3	54.2	54.2	54.5	54.6	54.6	55.2	55.3	55.3	55.5	55.5	55.6	55.7
IV 10000	28.0	50.1	53.0	55.0	55.9	55.9	56.1	56.2	56.2	56.9	57.0	57.0	57.1	57.2	57.2	57.3
IV 9000	28.1	50.3	53.2	55.2	56.1	56.1	56.3	56.4	56.4	57.1	57.2	57.2	57.3	57.4	57.4	57.5
IV 8000	28.9	52.3	55.2	57.4	58.3	58.3	58.5	58.6	58.6	59.3	59.4	59.4	59.5	59.6	59.6	59.7
IV 7000	29.3	53.7	56.7	58.9	59.9	59.9	60.2	60.4	60.4	61.0	61.1	61.1	61.3	61.3	61.4	61.5
IV 5000	29.5	54.3	57.4	59.8	60.8	60.8	61.1	61.3	61.3	61.9	62.0	62.0	62.1	62.2	62.2	62.3
IV 5000	29.9	55.3	58.4	60.8	61.9	61.9	62.2	62.3	62.3	63.0	63.1	63.1	63.2	63.3	63.3	63.4
IV 4500	30.2	56.3	59.4	61.9	62.9	62.9	63.2	63.4	63.4	64.0	64.1	64.1	64.2	64.3	64.3	64.4
IV 4000	30.6	57.2	60.4	62.9	63.9	63.9	64.2	64.4	64.4	65.0	65.1	65.1	65.3	65.3	65.4	65.5
IV 3500	30.9	58.5	61.8	64.5	65.6	65.6	65.9	66.0	66.0	66.7	66.8	66.8	66.9	67.0	67.0	67.1
IV 3000	31.4	59.8	63.5	66.5	67.7	67.7	68.0	68.1	68.1	68.8	68.9	68.9	69.0	69.1	69.2	69.3
IV 2500	31.9	60.9	64.8	67.9	69.1	69.1	69.4	69.6	69.6	70.2	70.3	70.3	70.4	70.5	70.6	70.7
IV 2000	32.4	63.0	66.9	70.4	71.6	71.6	72.0	72.2	72.2	72.8	72.9	72.9	73.1	73.2	73.2	73.4
IV 1800	32.4	63.3	67.3	70.7	72.0	72.0	72.4	72.5	72.5	73.2	73.3	73.3	73.4	73.5	73.6	73.7
IV 1500	32.9	64.5	68.9	72.5	73.8	73.8	74.4	74.6	74.6	75.2	75.4	75.4	75.5	75.6	75.7	75.8
IV 1200	33.2	66.0	70.9	74.5	76.0	76.1	76.8	77.0	77.0	77.7	77.8	77.8	78.0	78.1	78.1	78.3
IV 1000	33.4	66.9	71.9	75.6	77.3	77.4	78.0	78.2	78.2	78.9	79.1	79.1	79.3	79.4	79.4	79.6
IV 900	33.5	67.4	72.6	76.2	78.0	78.0	78.7	78.9	78.9	79.6	79.8	79.8	80.0	80.0	80.1	80.2
IV 800	33.6	68.1	73.3	77.3	79.3	79.4	80.0	80.3	80.3	81.0	81.1	81.1	81.4	81.5	81.5	81.7
IV 700	33.8	69.1	74.4	78.5	80.7	80.8	81.6	81.8	81.8	82.5	82.6	82.6	82.9	83.0	83.0	83.2
IV 600	33.9	69.6	75.3	79.5	81.7	81.8	82.7	82.9	82.9	83.7	83.8	83.8	84.0	84.1	84.2	84.3
IV 500	33.9	69.8	75.5	80.1	82.5	82.6	83.8	84.0	84.0	84.7	84.9	84.9	85.2	85.3	85.3	85.5
IV 400	33.9	70.1	76.1	81.0	83.6	83.7	84.9	85.3	85.3	86.1	86.2	86.2	86.5	86.6	86.7	86.8
IV 300	33.9	70.3	76.5	81.5	84.6	84.7	86.2	86.9	86.9	87.9	88.2	88.2	88.5	88.7	88.9	89.1
IV 200	33.9	70.4	76.6	82.0	85.2	85.4	87.5	88.3	88.3	89.7	90.0	90.0	90.6	90.9	91.3	91.8
IV 100	33.9	70.4	76.6	82.0	85.2	85.4	87.7	88.5	88.5	90.3	91.0	91.1	91.9	92.5	93.9	95.3
IV 0	33.9	70.4	76.6	82.0	85.2	85.4	87.7	88.5	88.5	90.4	91.1	91.2	92.0	92.6	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2050

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

43-65,69-72,74

FEB

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	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	23.1	40.9	42.9	43.9	45.0	45.0	45.9	46.1	46.1	46.4	46.6	46.7	46.9	46.9	47.0	47.5
≥ 20000	25.0	43.4	45.6	46.7	47.7	47.8	48.7	48.9	48.9	49.2	49.4	49.5	49.7	49.7	49.8	50.3
IV 18000	25.0	43.4	45.6	46.7	47.8	47.8	48.8	49.0	49.0	49.2	49.5	49.5	49.7	49.7	49.9	50.3
IV 16000	25.0	43.5	45.7	46.7	47.9	47.9	48.9	49.1	49.1	49.3	49.5	49.6	49.8	49.8	50.0	50.4
IV 14000	25.1	43.9	46.0	47.1	48.2	48.2	49.2	49.4	49.4	49.6	49.9	49.9	50.1	50.1	50.3	50.7
IV 12000	26.0	45.6	47.7	48.8	49.9	50.0	50.9	51.1	51.1	51.4	51.6	51.6	51.9	51.9	52.0	52.4
IV 10000	26.7	47.2	49.5	50.5	51.7	51.8	52.7	52.9	52.9	53.2	53.4	53.5	53.7	53.7	53.8	54.3
IV 9000	27.0	47.8	50.1	51.1	52.4	52.4	53.3	53.5	53.5	53.8	54.1	54.1	54.3	54.3	54.5	54.9
IV 8000	28.0	50.0	52.3	53.5	54.8	54.8	55.8	56.0	56.0	56.3	56.5	56.6	56.8	56.8	56.9	57.4
IV 7000	28.6	51.3	53.8	55.1	56.4	56.5	57.4	57.6	57.6	57.9	58.1	58.2	58.4	58.4	58.5	59.0
IV 6000	29.1	52.1	54.6	56.0	57.4	57.5	58.4	58.6	58.6	58.9	59.1	59.2	59.4	59.4	59.5	60.0
IV 5000	29.5	53.3	55.8	57.3	58.7	58.9	60.0	60.2	60.2	60	60.8	60.8	61.1	61.1	61.2	61.7
IV 4500	29.9	53.9	56.4	57.9	59.3	59.5	60.6	60.8	60.8	61.2	61.4	61.5	61.7	61.7	61.8	62.3
IV 4000	30.4	55.4	58.0	59.4	60.8	61.0	62.2	62.4	62.4	62.7	63.0	63.1	63.3	63.3	63.4	63.9
IV 3500	30.9	56.7	59.5	61.1	62.5	62.7	63.8	64.1	64.1	64.4	64.7	64.7	65.0	65.0	65.1	65.6
IV 3000	31.3	58.4	61.3	63.0	64.4	64.6	65.7	66.0	66.0	66.3	66.6	66.7	66.9	66.9	67.1	67.5
IV 2500	31.6	59.2	62.2	64.2	65.7	65.9	67.0	67.4	67.4	67.7	68.0	68.0	68.3	68.3	68.4	68.9
IV 2000	32.1	61.5	64.8	66.9	68.6	68.9	70.0	70.3	70.3	70.7	71.0	71.1	71.3	71.3	71.5	71.9
IV 1800	32.2	61.8	65.1	67.1	68.9	69.2	70.3	70.7	70.7	71.1	71.4	71.4	71.7	71.7	71.8	72.3
IV 1500	32.5	62.7	66.3	68.5	70.6	70.9	72.1	72.4	72.4	72.8	73.1	73.2	73.4	73.4	73.6	74.1
IV 1200	33.0	64.8	68.6	70.9	73.2	73.5	74.7	75.0	75.0	75.5	75.8	75.9	76.1	76.1	76.3	76.7
IV 1000	33.3	66.0	69.9	72.4	74.9	75.2	76.4	76.8	76.8	77.3	77.6	77.7	77.9	77.9	78.1	78.5
IV 900	33.5	66.8	70.9	73.5	76.1	76.4	77.7	78.0	78.0	78.5	78.8	78.9	79.1	79.1	79.4	79.8
IV 800	33.6	67.3	71.6	74.5	77.2	77.5	78.8	79.2	79.2	79.7	80.1	80.2	80.4	80.4	80.7	81.1
IV 700	33.8	67.7	72.2	75.2	77.9	78.2	79.6	80.0	80.0	80.5	80.9	80.9	81.1	81.1	81.5	81.9
IV 600	34.0	68.3	73.0	76.2	78.9	79.2	80.7	81.1	81.1	81.6	82.1	82.1	82.4	82.4	82.7	83.2
IV 500	34.2	68.9	73.8	77.2	80.1	80.3	82.0	82.5	82.5	83.1	83.6	83.7	83.9	83.9	84.3	84.7
IV 400	34.2	69.4	74.5	78.2	81.1	81.4	83.2	83.8	83.9	84.5	85.1	85.1	85.4	85.4	85.8	86.3
IV 300	34.2	69.8	75.1	78.8	82.2	82.5	84.6	85.4	85.5	86.4	87.1	87.1	87.4	87.6	88.0	88.5
IV 200	34.2	69.9	75.4	79.1	82.6	83.0	85.5	86.4	86.5	87.7	88.5	88.6	89.1	89.3	90.0	90.9
IV 100	34.2	69.9	75.4	79.1	82.6	83.0	85.6	86.5	86.5	87.9	88.9	89.2	90.1	90.7	92.1	94.3
IV 0	34.2	69.9	75.4	79.1	82.6	83.0	85.6	86.5	86.6	87.9	89.0	89.2	90.2	90.9	92.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2212

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

FE8
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	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	24.2	35.8	37.4	38.1	38.9	39.1	39.4	39.6	39.7	39.8	39.9	39.9	40.0	40.1	40.2	40.5
IV 20000	26.8	40.0	41.9	42.8	43.6	43.8	44.3	44.4	44.5	44.6	44.8	44.8	45.0	45.0	45.2	45.6
IV 18000	26.9	40.2	42.0	42.9	43.8	44.0	44.4	44.5	44.6	44.7	44.9	45.0	45.2	45.2	45.3	45.7
IV 16000	27.1	40.4	42.3	43.2	44.0	44.2	44.6	44.8	44.9	45.0	45.2	45.2	45.4	45.4	45.6	46.0
IV 14000	27.2	40.8	42.8	43.7	44.5	44.7	45.2	45.3	45.4	45.5	45.7	45.7	45.9	46.0	46.1	46.5
IV 12000	28.7	42.8	44.9	45.8	46.8	47.0	47.5	47.7	47.8	47.9	48.1	48.1	48.3	48.4	48.5	48.9
IV 10000	30.5	45.7	47.9	49.0	50.1	50.2	50.8	51.0	51.1	51.2	51.4	51.5	51.7	51.7	51.9	52.3
IV 9000	30.9	46.6	48.8	49.9	51.0	51.1	51.7	51.9	52.0	52.1	52.3	52.4	52.6	52.6	52.8	53.2
IV 8000	31.8	48.4	50.7	51.9	53.0	53.1	53.7	53.9	54.0	54.2	54.4	54.4	54.7	54.7	54.8	55.2
IV 7000	32.3	49.5	51.9	53.3	54.5	54.7	55.3	55.5	55.6	55.7	56.0	56.0	56.2	56.3	56.4	56.8
IV 6000	33.0	50.9	53.4	54.8	56.1	56.3	56.9	57.1	57.2	57.4	57.6	57.6	57.9	57.9	58.0	58.4
IV 5000	33.9	52.3	54.8	56.4	57.9	58.2	58.9	59.2	59.3	59.4	59.6	59.7	60.0	60.0	60.1	60.5
IV 4500	34.4	53.2	55.7	57.3	58.8	59.1	59.8	60.1	60.2	60.4	60.6	60.6	60.9	61.0	61.1	61.5
IV 4000	35.2	55.1	57.6	59.4	61.0	61.4	62.1	62.4	62.5	62.7	62.9	62.9	63.2	63.3	63.4	63.9
IV 3500	35.9	56.5	59.2	61.0	62.6	63.0	63.8	64.1	64.2	64.4	64.6	64.6	64.9	65.0	65.1	65.6
IV 3000	36.3	57.9	60.6	62.5	64.2	64.6	65.4	65.7	65.8	66.0	66.2	66.3	66.6	66.6	66.8	67.3
IV 2500	36.9	59.3	62.2	64.1	65.9	66.3	67.2	67.5	67.6	67.9	68.1	68.2	68.5	68.5	68.7	69.2
IV 2000	37.6	60.9	64.1	66.1	68.2	68.6	69.6	70.0	70.1	70.4	70.6	70.7	71.1	71.1	71.3	71.8
IV 1800	37.9	61.5	64.7	66.8	69.0	69.4	70.4	70.8	70.9	71.2	71.4	71.5	71.9	71.9	72.1	72.6
IV 1500	38.1	62.8	66.2	68.4	70.8	71.2	72.3	72.7	72.8	73.2	73.5	73.5	74.0	74.0	74.2	74.8
IV 1200	39.0	64.7	68.3	70.8	73.5	74.0	75.0	75.6	75.7	76.2	76.5	76.5	77.0	77.0	77.2	77.8
IV 1000	39.2	65.5	69.3	71.9	74.7	75.2	76.4	77.1	77.2	77.8	78.1	78.1	78.7	78.8	79.0	79.5
IV 900	39.5	66.1	70.0	72.6	75.6	76.0	77.3	78.1	78.2	78.9	79.2	79.3	79.8	79.9	80.1	80.6
IV 800	39.6	66.7	70.7	73.4	76.6	77.0	78.5	79.4	79.5	80.2	80.5	80.6	81.2	81.3	81.5	82.0
IV 700	39.8	67.1	71.2	74.0	77.3	77.7	79.1	80.1	80.2	81.0	81.4	81.4	82.1	82.2	82.4	83.0
IV 600	39.9	67.8	72.1	75.3	78.7	79.2	80.7	81.8	81.9	82.7	83.2	83.2	83.9	84.0	84.3	84.8
IV 500	40.0	68.2	72.8	76.4	80.1	80.7	82.7	83.8	83.9	84.9	85.4	85.5	86.3	86.4	86.7	87.2
IV 400	40.1	68.5	73.2	77.1	81.0	81.7	84.0	85.4	85.5	86.8	87.4	87.4	88.3	88.5	88.7	89.3
IV 300	40.1	68.8	73.7	77.8	82.1	82.8	85.6	87.2	87.3	88.9	89.6	89.6	90.8	91.0	91.4	92.1
IV 200	40.1	68.9	73.8	78.0	82.3	83.0	85.9	87.6	87.8	89.6	90.4	90.5	92.1	92.4	93.3	94.4
IV 100	40.1	68.9	73.8	78.1	82.3	83.0	85.9	87.6	87.8	89.7	90.6	90.8	92.5	93.1	94.6	97.2
IV 0	40.1	68.9	73.8	78.1	82.3	83.0	85.9	87.6	87.8	89.7	90.6	90.8	92.5	93.1	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2757

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.8	39.1	40.0	40.4	40.6	40.6	40.7	40.8	40.9	40.9	41.0	41.0	41.1	41.1	41.1	41.2
IV 20000	34.3	45.4	46.5	47.0	47.3	47.3	47.5	47.6	47.7	47.7	47.8	47.8	47.9	47.9	47.9	48.0
IV 16000	34.4	45.6	46.7	47.2	47.6	47.6	47.7	47.8	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.2
IV 14000	34.4	45.6	46.7	47.2	47.6	47.6	47.7	47.8	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.2
IV 12000	34.9	46.0	48.0	48.5	48.8	48.8	49.0	49.1	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.5
IV 10000	34.9	46.0	48.0	48.5	48.8	48.8	49.0	49.1	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.5
IV 9000	39.3	52.2	53.6	54.2	54.6	54.6	54.8	54.9	55.0	55.1	55.2	55.2	55.3	55.3	55.3	55.3
IV 8000	39.3	52.2	53.6	54.2	54.6	54.6	54.8	54.9	55.0	55.1	55.2	55.2	55.3	55.3	55.3	55.3
IV 7000	40.4	54.6	56.2	57.1	57.6	57.6	57.8	57.9	58.0	58.0	58.2	58.2	58.3	58.3	58.3	58.3
IV 6000	40.4	54.6	56.2	57.1	57.6	57.6	57.8	57.9	58.0	58.0	58.2	58.2	58.3	58.3	58.3	58.3
IV 5000	41.7	57.2	59.1	60.1	60.9	61.0	61.5	61.6	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.1
IV 4500	42.2	58.6	60.5	61.7	62.7	62.8	63.4	63.5	63.6	63.7	63.9	63.9	63.9	63.9	63.9	64.0
IV 4000	42.7	59.4	61.4	62.7	63.7	63.8	64.4	64.6	64.7	64.7	64.9	64.9	65.0	65.0	65.0	65.0
IV 3500	43.4	60.8	62.8	64.2	65.2	65.4	66.0	66.1	66.2	66.3	66.5	66.5	66.6	66.6	66.6	66.7
IV 3000	44.1	62.2	64.3	65.8	66.9	67.1	67.7	67.8	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.3
IV 2500	44.6	63.7	65.9	67.6	68.7	68.9	69.5	69.7	69.7	69.8	70.0	70.1	70.2	70.2	70.2	70.2
IV 2000	45.5	65.3	67.7	69.4	70.7	70.8	71.5	71.7	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.3
IV 1600	46.1	67.3	70.1	72.0	73.6	73.7	74.5	74.7	74.8	74.9	75.2	75.2	75.3	75.3	75.3	75.4
IV 1500	46.4	68.0	70.8	72.8	74.5	74.6	75.4	75.6	75.7	75.8	76.1	76.1	76.2	76.2	76.2	76.3
IV 1200	47.3	69.8	72.8	75.0	76.9	77.1	77.9	78.2	78.3	78.4	78.7	78.7	78.8	78.8	78.8	78.9
IV 1000	47.8	71.6	74.9	77.5	79.6	79.8	80.9	81.2	81.3	81.7	82.0	82.0	82.2	82.2	82.2	82.2
IV 900	48.3	72.8	76.6	79.4	81.7	82.0	83.1	83.4	83.5	83.9	84.2	84.2	84.4	84.4	84.4	84.5
IV 800	48.4	73.2	77.1	80.1	82.6	82.8	83.9	84.3	84.4	84.8	85.1	85.1	85.3	85.3	85.3	85.4
IV 700	48.5	73.7	77.7	80.9	83.4	83.8	85.1	85.6	85.8	86.2	86.4	86.5	86.7	86.7	86.7	86.8
IV 600	48.7	74.2	78.6	82.0	84.5	85.0	86.4	86.8	87.0	87.6	87.8	87.9	88.1	88.1	88.1	88.2
IV 500	48.9	74.9	79.4	82.9	85.6	86.1	87.8	88.2	88.4	89.1	89.4	89.4	89.7	89.7	89.7	89.7
IV 400	49.0	75.4	80.1	83.9	87.1	87.6	89.6	90.1	90.3	91.1	91.4	91.4	91.7	91.7	91.7	91.8
IV 300	49.1	75.6	80.4	84.3	87.8	88.4	90.8	91.5	91.8	92.8	93.2	93.3	93.8	93.8	93.8	93.9
IV 200	49.1	75.6	80.4	84.4	88.1	88.8	91.4	92.3	92.6	93.9	94.6	94.7	95.4	95.4	95.6	95.8
IV 100	49.1	75.6	80.4	84.4	88.2	88.9	91.5	92.5	92.7	94.3	95.2	95.3	96.2	96.3	96.7	97.3
IV 0	49.1	75.6	80.5	84.5	88.2	88.9	91.5	92.5	92.8	94.3	95.3	95.4	96.5	96.7	97.4	98.8

TOTAL NUMBER OF OBSERVATIONS 2765

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.7	41.2	43.0	43.4	43.9	43.9	43.9	43.9	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.1
IV 20000	38.6	49.0	50.3	50.9	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 18000	38.7	49.3	50.6	51.2	51.6	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 16000	39.1	49.7	50.9	51.6	52.0	52.0	52.1	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3
IV 14000	39.7	51.0	52.4	53.0	53.5	53.5	53.5	53.5	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8
IV 12000	41.2	53.3	54.7	55.4	55.9	56.0	56.0	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2
IV 10000	43.6	56.3	57.7	58.5	59.1	59.1	59.1	59.1	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4
IV 9000	44.2	56.9	58.4	59.2	59.7	59.8	59.8	59.8	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1
IV 8000	45.7	59.2	60.8	61.7	62.3	62.4	62.4	62.4	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7
IV 7000	46.1	60.4	62.1	63.3	64.0	64.0	64.1	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4
IV 6000	47.2	62.1	63.9	65.3	66.0	66.1	66.1	66.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4
IV 5000	47.8	63.6	65.4	66.8	67.6	67.7	67.7	67.7	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0
IV 4500	48.3	64.4	66.4	67.9	68.7	68.8	68.9	69.0	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3
IV 4000	48.9	66.2	68.3	69.9	70.7	70.8	70.9	71.0	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4
IV 3500	49.7	67.5	69.7	71.4	72.2	72.3	72.5	72.6	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9
IV 3000	50.2	69.2	71.6	73.3	74.1	74.3	74.5	74.6	74.7	74.8	75.0	75.0	75.0	75.0	75.0	75.0
IV 2500	51.2	71.7	74.3	76.0	76.9	77.1	77.3	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.9	77.9
IV 2000	52.1	74.4	77.2	79.0	80.3	80.4	80.7	80.8	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3
IV 1800	52.4	75.0	78.0	79.9	81.2	81.3	81.6	81.7	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2
IV 1500	53.0	77.0	80.1	82.2	83.8	84.0	84.3	84.4	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9
IV 1200	53.4	78.5	81.8	84.0	85.7	85.9	86.2	86.4	86.5	86.7	86.9	87.0	87.0	87.0	87.0	87.0
IV 1000	53.8	79.3	82.8	85.2	87.4	87.6	88.2	88.5	88.6	88.9	89.0	89.1	89.1	89.1	89.2	89.2
IV 900	54.3	79.9	83.6	86.1	88.3	88.5	89.1	89.4	89.5	89.8	90.0	90.1	90.1	90.1	90.1	90.1
IV 800	54.5	80.4	84.3	87.0	89.5	89.8	90.5	90.8	90.9	91.3	91.5	91.5	91.6	91.6	91.6	91.6
IV 700	54.6	81.2	85.2	88.1	90.7	91.0	91.8	92.1	92.3	92.7	92.9	93.0	93.0	93.0	93.0	93.0
IV 600	54.6	81.3	85.4	88.4	91.2	91.5	92.4	92.8	92.9	93.4	93.6	93.7	93.8	93.8	93.9	93.9
IV 500	54.6	81.6	85.9	89.0	92.3	92.6	93.8	94.2	94.3	94.8	95.0	95.1	95.2	95.2	95.3	95.3
IV 400	54.6	81.7	86.1	89.4	93.0	93.5	95.1	95.7	95.8	96.5	96.8	96.9	97.1	97.2	97.3	97.4
IV 300	54.6	81.7	86.1	89.5	93.3	93.8	95.6	96.1	96.3	97.2	97.7	97.7	98.1	98.2	98.3	98.4
IV 200	54.6	81.7	86.1	89.5	93.3	93.8	95.7	96.3	96.4	97.4	97.9	98.0	98.6	98.7	99.0	99.2
IV 100	54.6	81.7	86.1	89.5	93.3	93.8	95.7	96.3	96.4	97.4	97.9	98.0	98.6	98.8	99.2	99.6
IV 0	54.6	81.7	86.1	89.5	93.3	93.8	95.7	96.3	96.4	97.4	97.9	98.0	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2775

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.3	43.3	44.3	45.1	45.2	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.6	45.6
IV 20000	39.7	51.0	52.3	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9	53.9	53.9	53.9
IV 18000	39.8	51.2	52.5	53.5	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.1	54.1
IV 16000	39.8	51.2	52.5	53.6	53.9	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2
IV 14000	40.3	52.3	53.6	54.8	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.4	55.4
IV 12000	41.8	54.8	56.3	57.6	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.3	58.3
IV 10000	44.0	58.3	59.9	61.2	61.5	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9
IV 9000	44.5	59.2	60.8	62.2	62.5	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
IV 8000	46.4	62.0	63.8	65.2	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0
IV 7000	47.1	63.6	65.5	67.1	67.5	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.1
IV 6000	48.0	65.2	67.2	68.9	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0
IV 5000	48.6	66.5	68.7	70.4	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5
IV 4500	48.8	67.0	69.2	71.0	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.2
IV 4000	49.5	68.9	71.2	73.1	73.9	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4
IV 3500	49.9	69.6	72.1	74.0	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.4
IV 3000	50.5	71.5	74.1	76.1	76.9	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.7
IV 2500	51.5	73.1	76.0	78.2	79.1	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.9
IV 2000	52.2	75.6	78.8	81.3	82.4	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3
IV 1800	52.4	76.1	79.4	81.9	83.0	83.4	83.7	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0
IV 1500	52.8	77.2	80.8	83.5	84.8	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.8	85.9
IV 1200	53.0	78.4	82.3	85.3	86.7	87.1	87.5	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.9	87.9
IV 1000	53.4	79.5	83.7	86.8	88.4	88.8	89.3	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.7	89.7
IV 900	53.7	80.2	84.5	87.8	89.5	89.9	90.4	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.8	90.8
IV 800	53.9	80.7	85.1	88.4	90.4	91.0	91.7	92.0	92.0	92.3	92.3	92.3	92.4	92.4	92.5	92.5
IV 700	54.0	80.9	85.4	88.7	91.0	91.7	92.6	92.9	92.9	93.2	93.2	93.2	93.3	93.3	93.5	93.5
IV 600	54.0	80.9	85.5	89.0	91.3	92.0	93.1	93.3	93.3	93.4	93.8	93.8	93.8	94.0	94.0	94.1
IV 500	54.0	81.2	85.9	89.6	92.1	92.8	94.0	94.5	94.5	95.1	95.3	95.3	95.5	95.5	95.6	95.6
IV 400	54.0	81.3	86.0	89.7	92.4	93.2	94.7	95.2	95.3	96.1	96.3	96.3	96.5	96.6	96.7	96.7
IV 300	54.0	81.3	86.0	89.7	92.5	93.4	95.2	95.9	96.0	97.1	97.4	97.5	97.7	97.8	98.0	98.2
IV 200	54.0	81.3	86.0	89.7	92.6	93.4	95.3	96.1	96.2	97.4	97.8	97.9	98.3	98.4	98.8	99.0
IV 100	54.0	81.3	86.0	89.7	92.6	93.4	95.3	96.1	96.2	97.4	97.9	97.9	98.4	98.5	99.1	99.4
IV 0	54.0	81.3	86.0	89.7	92.6	93.4	95.3	96.1	96.2	97.4	97.9	97.9	98.4	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2750

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILDXI
STATION NAME

43-74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.4	45.9	47.8	48.6	49.0	49.2	49.2	49.3	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.5
IV 20000	35.3	51.0	53.0	54.0	54.5	54.7	54.8	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0
IV 18000	35.4	51.0	53.0	54.1	54.6	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.2
IV 16000	35.5	51.2	53.2	54.2	54.8	55.0	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4
IV 14000	35.8	52.1	54.2	55.3	55.9	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
IV 12000	36.7	53.5	55.7	56.8	57.4	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0
IV 10000	38.0	56.2	58.7	59.8	60.5	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1
IV 9000	38.4	56.7	59.2	60.3	61.0	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6
IV 8000	39.8	59.2	62.0	63.2	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.6
IV 7000	40.8	61.2	64.1	65.3	66.2	66.5	66.5	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.9
IV 6000	41.6	62.8	65.7	67.0	68.0	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7
IV 5000	42.2	64.6	67.8	69.3	70.4	70.7	70.7	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.1
IV 4500	42.4	65.6	68.8	70.3	71.4	71.7	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.1
IV 4000	43.0	67.3	70.7	72.3	73.4	73.8	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2
IV 3500	43.4	68.3	71.9	73.5	74.7	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.5
IV 3000	44.0	70.1	73.9	75.8	77.0	77.3	77.4	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.9
IV 2500	44.3	71.7	75.6	77.7	79.1	79.4	79.6	79.7	79.7	79.9	79.9	79.9	79.9	79.9	80.0	80.0
IV 2000	44.6	73.2	77.4	79.9	81.5	81.9	82.0	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.5
IV 1800	44.6	73.6	78.0	80.6	82.4	82.7	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.4	83.4
IV 1500	44.8	74.5	79.3	82.2	84.1	84.4	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.3
IV 1200	45.1	75.4	80.4	83.6	85.7	86.1	86.5	86.6	86.6	86.8	86.8	86.8	86.9	86.9	86.9	87.0
IV 1000	45.3	76.2	81.3	84.8	87.1	87.5	88.1	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.6
IV 900	45.6	76.8	82.0	85.6	88.0	88.4	89.0	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.6
IV 800	45.7	77.4	82.7	86.3	88.8	89.2	90.1	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.7	90.7
IV 700	45.8	77.5	82.8	86.5	89.3	89.7	90.6	90.8	90.8	91.3	91.3	91.3	91.3	91.3	91.4	91.4
IV 600	45.8	77.7	83.0	86.8	89.7	90.1	91.1	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.9	92.0
IV 500	45.8	78.1	83.5	87.5	90.5	90.9	92.0	92.2	92.3	93.0	93.0	93.0	93.0	93.2	93.2	93.3
IV 400	45.8	78.3	83.9	87.9	91.1	91.6	92.9	93.5	93.6	94.6	94.6	94.6	94.6	94.7	94.7	94.8
IV 300	45.8	78.3	83.9	87.9	91.3	91.8	93.4	94.0	94.1	95.3	95.5	95.6	95.7	95.8	95.8	95.9
IV 200	45.9	78.5	84.2	88.1	91.7	92.2	93.9	94.7	94.7	96.2	96.5	96.6	97.2	97.3	97.5	97.7
IV 100	45.9	78.5	84.2	88.1	91.7	92.2	93.9	94.7	94.8	96.2	96.7	96.8	97.3	97.4	98.0	98.8
IV 0	45.9	78.5	84.2	88.1	91.7	92.2	93.9	94.7	94.8	96.2	96.7	96.8	97.3	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 2734

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILDXI
STATION NAME

43-74
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	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.9	48.1	49.4	50.9	51.6	51.8	52.0	52.1	52.1	52.3	52.3	52.3	52.4	52.4	52.4	52.5
IV 20000	31.9	51.5	53.0	54.8	55.6	55.7	56.0	56.1	56.1	56.3	56.3	56.3	56.4	56.4	56.5	56.5
IV 18000	32.0	51.8	53.3	55.0	55.8	56.0	56.2	56.3	56.3	56.5	56.5	56.5	56.6	56.6	56.7	56.7
IV 16000	32.1	51.9	53.4	55.1	55.9	56.1	56.3	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.8	56.9
IV 14000	32.5	52.5	54.0	55.8	56.6	56.7	57.0	57.1	57.1	57.3	57.3	57.3	57.4	57.4	57.5	57.5
IV 12000	33.2	53.5	55.1	57.0	57.8	58.0	58.2	58.3	58.3	58.5	58.5	58.5	58.6	58.6	58.7	58.7
IV 10000	34.3	55.3	57.1	59.0	59.9	60.0	60.3	60.4	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.8
IV 9000	34.6	55.7	57.5	59.4	60.3	60.5	60.7	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.2	61.3
IV 8000	36.2	58.3	60.1	62.1	63.1	63.2	63.5	63.6	63.7	64.0	64.0	64.0	64.0	64.0	64.1	64.2
IV 7000	36.7	59.7	61.6	63.7	64.7	64.8	65.2	65.3	65.4	65.6	65.6	65.6	65.7	65.7	65.8	65.8
IV 6000	37.2	61.1	63.1	65.2	66.3	66.4	66.8	66.9	67.0	67.2	67.2	67.2	67.3	67.3	67.4	67.4
IV 5000	37.9	62.8	65.0	67.2	68.3	68.4	68.8	68.9	69.0	69.3	69.3	69.3	69.4	69.4	69.4	69.5
IV 4500	38.0	63.4	65.7	68.0	69.1	69.2	69.6	69.7	69.8	70.1	70.1	70.1	70.2	70.2	70.2	70.3
IV 4000	38.4	64.8	67.2	69.6	70.8	70.9	71.3	71.4	71.5	71.9	71.9	71.9	71.9	71.9	72.0	72.1
IV 3500	38.5	65.8	68.2	70.8	72.0	72.1	72.5	72.6	72.7	73.1	73.1	73.1	73.1	73.1	73.2	73.3
IV 3000	38.9	66.9	69.4	72.1	73.3	73.5	73.8	73.9	74.0	74.4	74.4	74.4	74.5	74.5	74.6	74.6
IV 2500	39.3	68.3	70.9	73.6	75.0	75.2	75.5	75.7	75.7	76.1	76.1	76.1	76.2	76.2	76.3	76.3
IV 2000	40.1	70.3	73.2	76.0	77.5	77.7	78.1	78.2	78.3	78.7	78.7	78.7	78.8	78.8	78.9	78.9
IV 1800	40.3	70.7	73.6	76.5	78.0	78.2	78.7	78.8	78.9	79.4	79.4	79.4	79.4	79.4	79.5	79.6
IV 1500	40.6	71.8	74.8	77.9	79.6	79.8	80.4	80.5	80.6	81.0	81.0	81.0	81.1	81.1	81.2	81.2
IV 1200	40.9	72.9	76.4	79.7	81.6	81.9	82.6	82.8	82.8	83.3	83.3	83.3	83.4	83.4	83.5	83.5
IV 1000	40.9	73.9	77.5	81.1	83.0	83.3	84.2	84.4	84.5	85.0	85.0	85.0	85.1	85.1	85.2	85.2
IV 900	41.1	74.5	78.2	81.8	83.8	84.1	84.9	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.9	86.0
IV 800	41.5	75.3	79.0	82.8	84.8	85.1	86.0	86.2	86.3	86.8	86.8	86.8	86.9	86.9	87.0	87.0
IV 700	41.5	75.7	79.5	83.5	85.5	86.0	86.9	87.2	87.2	87.8	87.8	87.8	87.9	87.9	87.9	88.0
IV 600	41.5	76.5	80.0	84.1	86.2	86.8	87.7	88.1	88.2	88.7	88.8	88.8	88.9	88.9	88.9	89.0
IV 500	41.5	76.5	80.7	85.0	87.5	88.1	89.1	89.6	89.7	90.2	90.3	90.3	90.3	90.3	90.4	90.5
IV 400	41.5	76.9	81.3	85.8	88.6	89.2	90.3	90.8	90.9	91.5	91.6	91.6	91.7	91.7	91.8	91.8
IV 300	41.5	77.1	81.6	86.2	89.3	89.9	91.3	91.9	92.0	92.9	93.1	93.1	93.3	93.3	93.4	93.5
IV 200	41.5	77.1	81.7	86.3	89.5	90.2	91.8	92.5	92.6	93.7	94.0	94.1	94.5	94.6	94.9	95.1
IV 100	41.5	77.1	81.7	86.3	89.6	90.2	91.9	92.6	92.7	93.9	94.3	94.5	95.3	95.5	96.7	97.6
IV 0	41.5	77.1	81.7	86.4	89.6	90.3	92.0	92.7	92.7	94.0	94.4	94.5	95.3	95.5	96.9	100.0

TOTAL NUMBER OF OBSERV' IS 2494

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
 STATION

KEESLER AFB MISSISSIPPI/BILOXI
 STATION NAME

43-65
 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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.9	43.9	46.0	47.0	47.9	48.1	48.4	48.6	48.6	48.7	48.7	48.7	48.8	48.9	48.9	49.0
IV 20000	31.5	48.0	50.3	51.3	52.2	52.5	52.8	52.9	52.9	53.0	53.0	53.0	53.2	53.2	53.3	53.4
IV 18000	31.5	48.0	50.3	51.4	52.3	52.5	52.9	53.0	53.0	53.1	53.1	53.1	53.2	53.3	53.4	53.5
IV 16000	31.5	48.1	50.3	51.5	52.4	52.6	53.0	53.1	53.1	53.2	53.2	53.2	53.3	53.4	53.5	53.6
IV 14000	32.3	49.3	51.6	52.7	53.7	53.9	54.2	54.4	54.4	54.5	54.5	54.5	54.6	54.7	54.7	54.8
IV 12000	33.1	51.2	53.5	54.7	55.6	55.8	56.1	56.3	56.3	56.4	56.4	56.4	56.6	56.6	56.7	56.8
IV 10000	33.8	52.5	54.8	56.1	57.0	57.2	57.6	57.7	57.7	57.8	57.8	57.8	58.0	58.1	58.2	58.3
IV 9000	34.2	53.0	55.3	56.5	57.5	57.7	58.1	58.2	58.2	58.3	58.3	58.3	58.5	58.5	58.6	58.7
IV 8000	34.6	54.3	56.8	58.0	58.9	59.1	59.6	59.7	59.7	59.8	59.8	59.8	60.0	60.0	60.1	60.2
IV 7000	35.0	55.4	57.8	59.0	60.0	60.2	60.6	60.8	60.8	60.9	60.9	60.9	61.1	61.1	61.2	61.3
IV 6000	35.3	56.0	58.4	59.7	60.6	60.8	61.2	61.4	61.4	61.5	61.5	61.5	61.7	61.7	61.8	61.9
IV 5000	35.8	57.0	59.5	61.0	62.0	62.2	62.6	62.8	62.8	62.9	62.9	62.9	63.1	63.1	63.2	63.3
IV 4500	36.0	57.4	60.0	61.6	62.6	62.8	63.2	63.3	63.3	63.4	63.4	63.4	63.6	63.7	63.8	63.9
IV 4000	36.3	58.5	61.4	62.9	63.9	64.1	64.6	64.7	64.7	64.8	64.8	64.8	65.0	65.0	65.1	65.2
IV 3500	36.5	59.0	62.0	63.6	64.7	65.0	65.5	65.6	65.6	65.7	65.7	65.7	65.9	65.9	66.0	66.1
IV 3000	36.7	60.2	63.3	64.9	66.1	66.3	66.8	66.9	66.9	67.0	67.1	67.1	67.3	67.3	67.4	67.5
IV 2500	37.1	61.7	64.9	66.8	68.0	68.2	68.7	68.8	68.8	68.9	69.0	69.0	69.1	69.2	69.3	69.4
IV 2000	37.6	62.9	66.8	68.7	69.9	70.2	70.6	70.8	70.8	70.9	70.9	70.9	71.1	71.2	71.2	71.3
IV 1800	37.8	63.3	67.2	69.2	70.5	70.7	71.2	71.3	71.3	71.4	71.4	71.4	71.6	71.7	71.8	71.9
IV 1500	38.2	64.4	68.5	70.8	72.4	72.6	73.2	73.3	73.3	73.4	73.4	73.4	73.6	73.7	73.8	73.9
IV 1200	38.8	65.9	70.1	72.6	74.3	74.6	75.2	75.4	75.4	75.5	75.5	75.5	75.8	75.8	75.9	76.0
IV 1000	39.0	66.7	71.1	74.0	75.8	76.1	76.9	77.0	77.0	77.2	77.2	77.2	77.6	77.7	77.7	77.8
IV 900	39.1	67.2	71.7	74.6	76.6	76.8	77.7	77.8	77.8	78.0	78.1	78.1	78.4	78.5	78.6	78.7
IV 800	39.3	68.3	72.9	75.9	78.2	78.4	79.3	79.5	79.5	79.8	79.8	79.8	80.2	80.2	80.3	80.4
IV 700	39.4	69.2	74.0	77.1	79.5	79.8	80.7	80.9	80.9	81.2	81.2	81.2	81.6	81.6	81.8	81.9
IV 600	39.4	70.3	75.3	78.7	81.3	81.5	82.6	82.8	82.8	83.1	83.1	83.1	83.5	83.5	83.7	83.8
IV 500	39.5	70.7	76.0	79.7	82.3	82.5	83.9	84.2	84.2	84.5	84.5	84.5	84.9	84.9	85.1	85.2
IV 400	39.5	71.2	76.7	80.6	83.5	83.8	85.7	86.0	86.0	86.5	86.6	86.6	87.0	87.0	87.1	87.2
IV 300	39.6	71.3	77.2	81.3	84.8	85.1	87.3	87.8	87.8	88.5	88.5	88.5	89.3	89.3	89.4	89.8
IV 200	39.6	71.5	77.5	81.7	85.5	85.8	88.4	89.1	89.1	90.3	90.8	90.8	91.7	92.0	92.4	93.0
IV 100	39.6	71.5	77.6	81.7	85.6	85.9	88.5	89.3	89.3	90.7	91.4	91.4	93.1	93.5	95.0	96.7
IV 0	39.6	71.5	77.6	81.7	85.6	85.9	88.5	89.3	89.3	90.7	91.4	91.4	93.3	93.8	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2139

SPECIFIC MOORE BUSINESS FORMS INC 27

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILDIXI
STATION NAME

43-65,69-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.3	43.5	45.3	46.3	47.2	47.2	47.7	47.7	47.7	47.8	47.8	47.9	48.1	48.2	48.3	48.6
IV 20000	29.0	46.1	48.2	49.2	50.1	50.2	50.7	50.7	50.7	50.8	50.9	50.9	51.2	51.3	51.4	51.7
IV 18000	29.0	46.2	48.2	49.2	50.2	50.2	50.7	50.7	50.7	50.8	50.9	51.0	51.3	51.4	51.4	51.7
IV 16000	29.0	46.2	48.3	49.3	50.2	50.3	50.8	50.8	50.8	50.9	51.0	51.0	51.3	51.4	51.4	51.7
IV 14000	29.8	47.4	49.4	50.6	51.5	51.5	52.0	52.0	52.0	52.2	52.2	52.3	52.6	52.7	52.7	53.0
IV 12000	30.3	48.6	50.7	51.8	52.7	52.8	53.3	53.3	53.3	53.4	53.5	53.5	53.8	53.9	53.9	54.2
IV 10000	30.9	49.7	51.9	53.0	54.0	54.0	54.6	54.6	54.6	54.7	54.8	54.8	55.2	55.2	55.3	55.6
IV 9000	31.3	50.5	52.8	54.0	55.0	55.0	55.6	55.6	55.6	55.7	55.8	55.8	56.2	56.3	56.3	56.6
IV 8000	31.8	52.0	54.4	55.6	56.6	56.7	57.2	57.2	57.3	57.4	57.5	57.5	57.9	58.0	58.0	58.3
IV 7000	32.2	52.8	55.2	56.5	57.5	57.6	58.1	58.1	58.2	58.4	58.5	58.5	58.8	58.9	59.0	59.3
IV 6000	32.8	54.1	56.6	57.9	58.9	59.0	59.6	59.6	59.7	59.8	59.9	59.9	60.3	60.4	60.4	60.7
IV 5000	33.4	55.4	57.9	59.3	60.4	60.4	61.0	61.0	61.1	61.3	61.3	61.4	61.7	61.8	61.9	62.2
IV 4500	33.7	55.9	58.5	59.9	61.0	61.0	61.6	61.6	61.7	61.9	62.0	62.1	62.4	62.5	62.5	62.8
IV 4000	34.1	56.7	59.4	60.9	62.0	62.0	62.6	62.6	62.7	62.9	63.0	63.0	63.4	63.5	63.5	63.8
IV 3500	34.3	57.5	60.2	61.7	62.8	62.9	63.5	63.5	63.5	63.8	63.8	63.9	64.2	64.3	64.4	64.6
IV 3000	34.7	58.8	61.7	63.3	64.4	64.4	65.0	65.0	65.1	65.3	65.4	65.5	65.8	65.9	65.9	66.2
IV 2500	35.0	60.1	63.1	64.7	66.0	66.1	66.7	66.7	66.8	67.0	67.1	67.1	67.5	67.6	67.6	67.9
IV 2000	35.4	61.6	64.8	66.5	67.8	67.9	68.5	68.6	68.7	68.9	69.0	69.1	69.4	69.5	69.5	69.8
IV 1800	35.5	61.9	65.3	66.9	68.3	68.3	69.0	69.1	69.1	69.4	69.5	69.5	69.9	69.9	70.0	70.3
IV 1500	35.9	63.1	66.9	68.5	70.1	70.1	70.9	70.9	71.0	71.3	71.4	71.4	71.8	71.8	71.9	72.2
IV 1200	36.5	64.6	68.5	70.6	72.3	72.4	73.2	73.3	73.4	73.7	73.8	73.8	74.2	74.3	74.3	74.6
IV 1000	36.7	65.5	69.5	71.6	73.5	73.5	74.6	74.6	74.7	75.2	75.3	75.4	75.8	75.9	76.0	76.2
IV 900	36.8	65.9	70.1	72.3	74.4	74.5	75.6	75.7	75.7	76.3	76.4	76.4	76.9	77.0	77.0	77.3
IV 800	36.9	66.8	71.2	73.5	75.9	76.0	77.2	77.3	77.4	78.0	78.1	78.2	78.6	78.7	78.7	79.0
IV 700	37.1	67.6	72.2	74.8	77.5	77.5	79.0	79.1	79.2	79.8	79.9	80.0	80.5	80.6	80.6	80.9
IV 600	37.1	68.2	73.1	76.0	78.8	78.9	80.6	80.7	80.8	81.4	81.6	81.6	82.2	82.3	82.3	82.6
IV 500	37.2	68.8	74.0	77.2	80.2	80.3	82.0	82.2	82.3	83.0	83.2	83.3	83.9	84.0	84.0	84.3
IV 400	37.2	69.4	74.6	78.5	81.7	81.8	83.7	84.0	84.1	84.9	85.1	85.2	85.8	85.9	85.9	86.2
IV 300	37.2	69.5	74.9	78.8	82.4	82.6	84.9	85.4	85.6	87.2	87.6	87.6	88.3	88.6	88.9	89.2
IV 200	37.2	69.6	75.1	79.1	82.7	82.9	85.5	86.1	86.3	88.1	88.7	88.8	89.9	90.4	91.1	91.8
IV 100	37.2	69.6	75.1	79.1	82.9	83.0	85.8	86.4	86.6	88.6	89.4	89.5	91.2	91.8	93.2	95.6
IV 0	37.2	69.6	75.1	79.1	82.9	83.0	85.8	86.4	86.6	88.6	89.4	89.5	91.5	92.1	93.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2362

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-73
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.7	36.4	38.0	39.1	39.7	39.8	40.0	40.1	40.1	40.4	40.6	40.6	40.8	40.8	41.0	41.3
≥ 20000	28.7	41.1	43.2	44.4	45.2	45.3	45.6	45.7	45.8	46.1	46.3	46.3	46.5	46.5	46.7	47.1
IV 18000	28.8	41.3	43.4	44.7	45.4	45.5	45.8	46.0	46.0	46.4	46.6	46.6	46.8	46.8	47.0	47.3
IV 16000	28.8	41.4	43.5	44.8	45.6	45.7	46.0	46.1	46.2	46.5	46.7	46.7	46.9	46.9	47.1	47.5
IV 14000	29.2	42.1	44.3	45.7	46.5	46.6	47.0	47.1	47.1	47.5	47.7	47.7	47.9	47.9	48.1	48.5
IV 12000	30.3	43.9	46.2	47.7	48.6	48.7	49.1	49.3	49.3	49.7	49.9	49.9	50.1	50.1	50.3	50.7
IV 10000	31.8	46.0	48.4	50.0	51.0	51.1	51.5	51.7	51.7	52.1	52.3	52.3	52.5	52.5	52.7	53.0
IV 9000	32.3	46.6	49.0	50.6	51.6	51.7	52.2	52.4	52.4	52.9	53.1	53.1	53.3	53.3	53.5	53.8
IV 8000	33.1	48.1	50.7	52.4	53.5	53.6	54.1	54.3	54.4	54.8	55.0	55.0	55.2	55.2	55.4	55.8
IV 7000	33.7	49.0	51.7	53.6	54.6	54.8	55.3	55.5	55.6	56.0	56.2	56.2	56.5	56.5	56.7	57.1
IV 6000	34.3	50.2	53.1	54.9	56.0	56.2	56.7	57.0	57.1	57.5	57.7	57.7	58.0	58.0	58.2	58.6
IV 5000	35.0	51.7	54.6	56.5	57.7	57.8	58.4	58.7	58.8	59.2	59.5	59.5	59.8	59.8	60.1	60.4
IV 4500	35.4	52.3	55.4	57.4	58.5	58.7	59.3	59.6	59.7	60.1	60.4	60.4	60.7	60.7	61.0	61.3
IV 4000	36.2	53.9	57.0	59.2	60.4	60.6	61.3	61.6	61.7	62.2	62.5	62.5	62.8	62.9	63.1	63.5
IV 3500	36.6	54.6	57.8	60.0	61.2	61.4	62.1	62.4	62.5	63.1	63.4	63.4	63.7	63.8	64.0	64.4
IV 3000	37.0	55.8	59.3	61.7	63.0	63.2	64.1	64.4	64.5	65.1	65.4	65.4	65.7	65.7	66.0	66.3
IV 2500	37.5	57.5	61.2	63.7	65.1	65.4	66.3	66.6	66.7	67.4	67.7	67.7	68.0	68.0	68.3	68.7
IV 2000	37.9	59.6	63.5	66.1	67.6	67.9	69.0	69.4	69.5	70.2	70.5	70.5	70.8	70.9	71.1	71.5
IV 1800	38.1	59.9	63.9	66.5	68.1	68.4	69.5	69.9	70.0	70.7	71.0	71.0	71.3	71.4	71.6	72.0
IV 1500	38.4	60.9	65.1	67.9	69.5	69.8	70.9	71.3	71.4	72.2	72.5	72.5	72.8	72.9	73.1	73.5
IV 1200	38.9	61.9	66.2	69.3	71.1	71.4	72.6	73.0	73.1	73.9	74.2	74.3	74.6	74.6	74.8	75.2
IV 1000	39.1	62.7	67.1	70.5	72.5	72.8	74.1	74.7	74.8	75.6	76.0	76.0	76.3	76.4	76.6	77.0
IV 900	39.2	63.4	67.9	71.3	73.4	73.7	75.2	75.7	75.8	76.7	77.1	77.1	77.5	77.6	77.8	78.2
IV 800	39.4	64.1	68.8	72.2	74.6	75.0	76.6	77.1	77.2	78.2	78.5	78.6	79.0	79.0	79.2	79.6
IV 700	39.5	64.7	69.6	73.1	75.8	76.2	77.9	78.5	78.6	79.6	79.9	79.9	80.3	80.4	80.6	81.0
IV 600	39.7	65.4	70.4	74.1	77.0	77.7	79.6	80.1	80.2	81.2	81.6	81.6	82.1	82.1	82.4	82.8
IV 500	39.9	66.6	71.8	75.7	79.2	79.9	82.0	82.8	82.9	83.9	84.3	84.3	84.8	84.8	85.1	85.5
IV 400	39.9	67.2	72.4	76.6	80.4	81.2	83.6	84.8	84.9	86.0	86.4	86.5	87.1	87.2	87.5	88.0
IV 300	39.9	67.4	72.6	76.9	80.8	81.6	84.3	85.9	86.0	87.7	88.7	88.8	89.6	90.0	90.6	91.5
IV 200	39.9	67.4	72.7	77.0	81.0	81.9	84.8	86.7	86.9	88.9	90.1	90.3	91.4	92.0	92.9	94.6
IV 100	39.9	67.4	72.7	77.0	81.0	81.9	84.8	86.8	86.9	89.0	90.3	90.6	92.0	92.7	94.1	97.9
IV 0	39.9	67.4	72.7	77.0	81.0	81.9	84.8	86.8	86.9	89.0	90.3	90.6	92.0	92.7	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2989

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-73
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	33.6	41.9	42.4	42.6	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	
IV 20000	38.0	48.4	49.2	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	
IV 18000	38.1	48.5	49.3	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	
IV 16000	38.2	48.8	49.6	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	
IV 14000	39.2	50.4	51.2	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	
IV 12000	40.4	52.1	53.3	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	
IV 10000	41.7	53.9	55.3	55.8	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
IV 9000	41.9	54.2	55.7	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	
IV 8000	42.8	56.0	57.7	58.1	58.5	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	
IV 7000	43.4	57.2	58.8	59.4	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	
IV 6000	44.1	58.3	60.1	60.7	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	
IV 5000	44.7	59.5	61.4	62.0	62.7	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	
IV 4500	44.9	59.8	61.8	62.5	63.2	63.3	63.5	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.7	
IV 4000	45.6	61.3	63.6	64.4	65.3	65.4	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	
IV 3500	46.5	62.7	65.1	65.9	66.8	66.9	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	
IV 3000	47.1	64.4	67.1	68.1	69.1	69.2	69.5	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	
IV 2500	48.0	66.7	69.6	70.7	71.7	71.8	72.2	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	
IV 2000	48.6	68.8	71.9	73.2	74.2	74.4	74.9	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2	
IV 1800	48.9	69.6	72.9	74.2	75.2	75.4	75.9	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	
IV 1500	49.7	71.7	75.3	76.7	77.8	78.1	78.7	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	
IV 1200	50.5	73.5	77.3	78.9	80.3	80.6	81.3	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7	
IV 1000	50.8	74.3	78.5	80.5	82.0	82.4	83.1	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.6	
IV 900	50.9	74.7	79.2	81.4	83.1	83.4	84.3	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	
IV 800	51.3	75.5	80.1	82.5	84.5	84.9	85.8	86.0	86.0	86.2	86.3	86.3	86.4	86.4	86.4	
IV 700	51.4	76.2	81.0	83.5	85.6	86.1	87.1	87.5	87.5	87.8	87.9	87.9	88.0	88.0	88.0	
IV 600	51.6	76.9	81.9	84.6	87.1	87.7	89.0	89.7	89.7	90.1	90.2	90.2	90.3	90.3	90.3	
IV 500	51.6	77.5	82.6	85.5	88.5	89.2	90.9	91.7	91.7	92.2	92.4	92.4	92.6	92.6	92.6	
IV 450	51.6	77.7	83.0	86.0	89.3	90.2	92.3	93.2	93.2	93.9	94.1	94.1	94.4	94.4	94.4	
IV 300	51.6	77.8	83.1	86.1	89.6	90.5	92.9	94.2	94.3	95.5	95.9	96.0	96.4	96.6	96.8	
IV 200	51.6	77.9	83.1	86.3	89.8	90.8	93.2	94.6	94.8	96.1	96.9	97.0	97.7	97.9	98.4	
IV 100	51.6	77.9	83.1	86.3	89.9	90.8	93.3	94.6	94.8	96.1	96.9	97.0	97.9	98.3	99.5	
IV 0	51.6	77.9	83.1	86.3	89.9	90.8	93.3	94.6	94.8	96.1	96.9	97.0	97.9	98.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 2957

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION/NAME

43-73
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS/EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	38.2	44.9	45.1	45.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
IV 20000	44.3	53.2	53.6	54.0	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
IV IV 18000	44.4	53.2	53.7	54.1	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
IV IV 16000	44.8	53.6	54.1	54.5	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	
IV IV 14000	45.7	54.9	55.4	55.8	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
IV IV 12000	46.9	56.6	57.2	57.6	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	
IV IV 10000	48.2	59.0	59.7	60.2	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
IV IV 9000	48.7	59.9	60.6	61.1	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
IV IV 8000	49.7	61.7	62.6	63.1	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	
IV IV 7000	50.5	63.4	64.5	65.1	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	
IV IV 6000	51.1	64.5	65.8	66.5	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
IV IV 5000	51.6	65.8	67.2	68.0	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	
IV IV 4500	51.7	66.1	67.7	68.5	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	
IV IV 4000	52.8	68.2	70.1	70.9	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
IV IV 3500	53.8	69.8	71.6	72.5	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
IV IV 3000	54.5	71.5	73.7	74.6	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
IV IV 2500	55.4	73.3	75.7	76.8	77.6	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	
IV IV 2000	56.3	75.5	78.3	79.7	80.7	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
IV IV 1800	56.7	76.4	79.4	80.8	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	
IV IV 1500	56.9	77.7	81.0	82.7	84.0	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
IV IV 1200	57.3	79.0	82.3	84.1	85.8	86.1	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	
IV IV 1000	57.6	80.1	83.5	85.6	87.4	87.7	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	
IV IV 900	57.7	80.7	84.4	86.5	88.4	88.8	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	
IV IV 800	57.9	81.4	85.1	87.5	89.7	90.0	90.9	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	
IV IV 700	57.9	82.0	85.8	88.3	90.5	90.9	91.8	92.2	92.2	92.4	92.5	92.5	92.5	92.5	92.5	
IV IV 600	57.9	82.6	86.4	89.2	91.5	91.9	93.0	93.5	93.5	93.7	93.8	93.8	93.9	93.9	93.9	
IV IV 500	58.1	83.1	87.1	89.9	92.6	93.1	94.4	95.3	95.3	95.7	95.8	95.9	95.9	95.9	95.9	
IV IV 400	58.1	83.1	87.2	90.1	93.0	93.5	95.0	96.0	96.1	96.6	96.8	96.8	97.0	97.0	97.0	
IV IV 300	58.2	83.2	87.4	90.3	93.3	93.9	95.6	96.7	96.8	97.5	97.8	97.8	98.2	98.2	98.4	
IV IV 200	58.2	83.2	87.4	90.4	93.4	94.0	95.9	96.9	97.1	98.0	98.3	98.3	98.8	98.9	99.2	
IV IV 100	58.2	83.2	87.4	90.4	93.4	94.0	95.9	97.0	97.2	98.1	98.4	98.5	99.1	99.2	99.5	
IV IV 0	58.2	83.2	87.4	90.4	93.4	94.0	95.9	97.0	97.2	98.1	98.4	98.5	99.1	99.2	99.5	

TOTAL NUMBER OF OBSERVATIONS 2929

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-73
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.5	45.5	46.0	46.1	46.4	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 20:00	42.6	53.2	54.2	54.5	54.8	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 18000	42.1	53.3	54.3	54.6	54.5	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 16000	43.0	53.6	54.6	54.9	55.2	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6
IV 14000	43.5	54.5	55.5	55.8	56.1	56.1	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 2000	44.8	56.2	57.3	57.6	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 10000	46.4	59.0	60.1	60.7	61.0	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 9000	46.9	59.8	61.0	61.6	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4
IV 8000	48.4	62.1	63.4	64.2	64.6	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1
IV 7000	49.1	63.4	64.8	65.8	66.2	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 6000	49.8	64.8	66.3	67.3	67.7	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 5000	50.3	65.8	67.6	68.5	69.1	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6
IV 4500	50.6	66.5	68.2	69.3	69.8	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3
IV 4000	51.3	68.0	69.9	70.9	71.5	71.5	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 3500	52.0	69.2	71.1	72.3	72.8	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4
IV 3000	52.7	71.1	73.2	74.5	75.2	75.3	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 2500	53.6	73.2	75.7	77.2	78.0	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8
IV 2000	54.1	75.2	77.9	79.6	80.6	80.6	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5
IV 1800	54.3	75.8	78.5	80.4	81.3	81.4	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 1500	54.7	76.9	79.7	81.6	82.9	83.0	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2
IV 1200	55.1	77.9	81.0	83.1	84.6	84.8	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4
IV 1000	55.3	78.9	82.2	84.4	86.1	86.3	87.7	87.9	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2
IV 900	55.3	79.0	82.4	84.7	86.5	86.7	88.1	88.4	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.7
IV 800	55.4	79.7	83.3	85.7	87.7	87.9	89.6	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.2	90.2
IV 700	55.4	80.0	83.7	86.3	88.3	88.5	90.2	90.5	90.6	90.8	90.9	90.9	90.9	90.9	91.0	91.0
IV 600	55.5	80.3	84.3	87.0	89.1	89.3	91.1	91.5	91.6	91.8	91.9	91.9	91.9	91.9	92.0	92.0
IV 500	55.5	80.9	84.8	87.9	90.2	90.5	92.6	93.2	93.3	93.6	93.7	93.7	93.7	93.8	93.8	93.9
IV 400	55.6	81.0	85.0	88.3	91.0	91.4	93.7	94.5	94.6	95.2	95.4	95.4	95.4	95.6	95.7	95.7
IV 300	55.6	81.2	85.2	88.6	91.5	92.0	94.7	95.6	95.8	96.3	97.0	97.0	97.0	97.5	97.6	97.9
IV 200	55.6	81.2	85.3	88.7	91.7	92.2	95.0	95.9	96.1	97.3	97.6	97.6	97.6	98.2	98.5	98.9
IV 100	55.6	81.2	85.3	88.7	91.7	92.2	95.0	96.0	96.1	97.3	97.7	97.7	97.7	98.5	98.9	99.5
IV 0	55.6	81.2	85.3	88.7	91.7	92.2	95.0	96.0	96.1	97.3	97.7	97.7	97.7	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2941

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.3	46.5	47.6	48.3	48.6	48.6	48.7	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 20000	39.3	52.8	54.3	55.0	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 18000	39.3	52.9	54.3	55.1	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8
IV 16000	39.4	53.0	54.4	55.2	55.7	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 14000	39.8	53.8	55.3	56.3	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1
IV 12000	41.0	55.3	57.2	58.1	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 10000	42.3	58.0	59.9	60.9	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 9000	42.6	58.4	60.3	61.4	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 8000	43.1	59.7	61.6	62.8	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8
IV 7000	43.8	61.3	63.3	64.5	65.3	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 6000	44.4	62.7	64.8	66.1	66.9	66.9	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3
IV 5000	44.9	63.8	66.0	67.3	68.2	68.2	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 4500	45.1	64.3	66.6	68.0	68.8	68.8	69.0	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3
IV 4000	45.7	66.0	68.4	69.7	70.7	70.7	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1
IV 3500	46.3	67.1	69.7	71.1	72.2	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
IV 3000	46.8	68.7	71.5	73.2	74.5	74.5	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 2500	47.1	70.1	73.1	75.0	76.5	76.5	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1
IV 2000	48.0	72.2	75.5	77.5	79.1	79.1	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 1800	48.1	72.6	75.9	78.0	79.7	79.7	80.0	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
IV 1500	48.5	74.0	77.5	79.6	81.3	81.4	81.8	82.0	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2
IV 1200	48.9	75.0	78.5	80.7	82.5	82.6	83.0	83.3	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6
IV 1000	48.9	75.8	79.6	81.9	83.7	83.8	84.5	84.8	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.2
IV 900	49.0	76.1	79.9	82.3	84.2	84.3	85.0	85.3	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.0
IV 800	49.1	76.7	80.6	83.2	85.2	85.3	86.0	86.4	86.4	86.5	86.9	86.9	87.1	87.1	87.1	87.1
IV 700	49.2	77.1	81.2	84.1	86.3	86.4	87.2	87.5	87.6	88.0	88.1	88.1	88.2	88.2	88.2	88.2
IV 600	49.3	77.7	82.0	85.0	87.4	87.6	88.5	88.9	88.9	89.4	89.4	89.4	89.5	89.5	89.5	89.5
IV 500	49.3	77.9	82.2	85.5	88.0	88.2	89.3	89.8	89.8	90.5	90.5	90.5	90.6	90.6	90.6	90.6
IV 400	49.3	78.2	82.7	86.2	88.9	89.2	90.7	91.4	91.5	92.2	92.4	92.4	92.6	92.6	92.6	92.6
IV 300	49.3	78.3	83.0	86.7	89.9	90.5	92.4	93.5	93.6	94.7	95.1	95.1	95.5	95.6	95.7	95.8
IV 200	49.3	78.4	83.1	86.8	90.1	90.7	92.9	94.2	94.3	95.6	96.2	96.3	96.9	97.1	97.5	98.0
IV 100	49.3	78.4	83.1	86.9	90.2	90.8	93.1	94.4	94.5	95.8	96.5	96.5	97.5	97.9	98.4	99.4
IV 0	49.3	78.4	83.1	86.9	90.2	90.8	93.1	94.4	94.5	95.8	96.5	96.5	97.5	97.9	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2927

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
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	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.5	48.6	50.3	51.0	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.2	52.2
IV 20000	36.8	52.5	54.2	55.0	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1
IV 18000	37.0	52.6	54.4	55.1	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2
IV 16000	37.0	52.7	54.5	55.2	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.4	56.4	56.4	56.4
IV 14000	37.6	53.7	55.5	56.4	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
IV 12000	38.2	55.3	57.2	58.0	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.3	59.3
IV 10000	39.0	57.1	59.0	59.9	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2
IV 9000	39.2	57.4	59.4	60.2	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6
IV 8000	39.6	58.9	60.9	61.8	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1
IV 7000	40.3	60.4	62.5	63.5	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
IV 6000	40.8	61.6	63.7	64.6	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	66.0	66.0
IV 5000	41.5	62.6	64.8	65.9	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.5	67.5
IV 4500	41.6	63.1	65.4	66.6	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
IV 4000	41.9	64.3	66.7	67.9	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5
IV 3500	42.3	65.3	67.8	69.0	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6
IV 3000	42.5	66.3	69.1	70.5	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.3	72.3
IV 2500	43.0	68.1	71.1	72.7	74.0	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.6
IV 2000	43.7	69.8	73.1	74.7	76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7
IV 1800	43.8	70.4	73.7	75.4	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5
IV 1500	44.4	71.8	75.2	77.1	78.6	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.3	79.3
IV 1200	44.8	73.0	76.6	78.6	80.1	80.2	80.7	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0
IV 1000	45.0	73.0	77.5	79.5	81.1	81.3	81.7	81.9	81.9	82.0	82.0	82.1	82.1	82.3	82.3	82.3
IV 900	45.1	74.4	78.2	80.3	81.8	82.0	82.5	82.6	82.6	82.9	82.9	82.9	83.1	83.1	83.1	83.1
IV 800	45.5	75.3	79.1	81.4	83.3	83.4	84.0	84.2	84.2	84.4	84.5	84.5	84.7	84.7	84.7	84.7
IV 700	45.5	75.6	79.6	82.1	84.0	84.2	84.9	85.1	85.1	85.4	85.5	85.5	85.7	85.7	85.7	85.7
IV 600	45.6	76.3	80.6	83.4	85.6	85.8	86.6	86.9	86.9	87.2	87.3	87.3	87.4	87.4	87.5	87.5
IV 500	45.6	76.7	81.0	84.2	86.7	86.9	87.9	88.3	88.3	88.7	88.8	88.8	88.9	88.9	89.0	89.0
IV 400	45.6	77.1	81.7	85.1	87.7	88.0	89.2	89.5	89.5	90.1	90.3	90.3	90.5	90.5	90.5	90.5
IV 300	45.6	77.3	82.2	85.8	88.8	89.1	90.7	91.2	91.2	92.0	92.3	92.3	92.5	92.6	92.8	92.9
IV 200	45.6	77.5	82.4	86.3	89.3	89.7	91.4	92.2	92.3	93.4	94.1	94.1	94.8	95.2	95.6	96.0
IV 100	45.6	77.5	82.5	86.4	89.4	89.8	91.6	92.3	92.4	93.7	94.4	94.5	95.6	96.2	97.2	98.2
IV 0	45.6	77.5	82.5	86.4	89.4	89.8	91.6	92.4	92.4	93.7	94.5	94.5	95.7	96.4	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2649

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
 STATION

KEESLER AFB MISSISSIPPI/BILOXI
 STATION NAME

43-65,74
 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	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.6	52.7	54.4	55.2	55.6	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.1	56.3	56.3
IV 18000 IV 16000	38.5	57.8	59.8	60.7	61.1	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.5	61.6	61.8	61.8
IV 14000 IV 12000	39.0	58.6	60.8	61.7	62.1	62.1	62.2	62.2	62.2	62.4	62.4	62.4	62.5	62.5	62.7	62.8
IV 10000 IV 9000	40.6	61.3	63.5	64.4	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.2	65.3	65.5	65.5
IV 8000 IV 7000	41.0	62.4	64.7	65.5	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3	66.4	66.4	66.6	66.6
IV 6000 IV 5000	41.3	63.4	65.7	66.6	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.5	67.7	67.7
IV 4500 IV 4000	41.7	64.4	66.7	67.7	68.1	68.1	68.3	68.3	68.3	68.5	68.5	68.5	68.6	68.6	68.8	68.9
IV 3500 IV 3000	42.6	66.2	68.7	69.9	70.4	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.8	70.9	71.1	71.1
IV 2500 IV 2000	43.6	68.9	71.5	72.9	73.4	73.4	73.6	73.7	73.7	73.8	73.8	73.8	73.9	74.0	74.1	74.2
IV 1800 IV 1500	44.5	71.6	74.1	75.8	76.3	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.9	76.9	77.1	77.2
IV 1200 IV 1000	46.2	75.5	78.6	80.5	81.3	81.4	81.7	81.8	81.8	81.9	81.9	81.9	82.1	82.1	82.3	82.4
IV 900 IV 800	47.4	78.6	82.2	84.5	85.5	85.6	85.8	86.0	86.0	86.2	86.2	86.2	86.3	86.4	86.6	86.6
IV 700 IV 600	48.0	80.8	84.9	87.9	89.0	89.1	89.4	89.7	89.7	89.9	89.9	90.0	90.0	90.1	90.3	90.5
IV 500 IV 400	48.0	82.1	86.7	90.2	91.6	91.8	92.5	92.9	92.9	93.1	93.1	93.1	93.3	93.5	93.7	93.8
IV 300 IV 200	48.0	82.4	87.1	91.0	92.7	92.9	94.1	94.6	94.6	95.0	95.1	95.1	95.4	95.5	95.8	95.8
IV 100 IV 0	48.0	82.6	87.4	91.4	93.1	93.3	95.0	95.7	95.8	96.4	96.6	96.6	96.8	97.6	97.9	98.6
	48.0	82.6	87.4	91.4	93.1	93.3	95.0	95.7	95.8	96.4	96.8	96.8	97.7	98.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2116

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-65,67-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.6	49.2	50.7	52.0	52.7	52.8	53.2	53.3	53.3	53.4	53.5	53.6	53.8	53.9	54.1	54.4
IV 20000	33.6	52.4	54.0	55.5	56.2	56.3	56.7	56.8	56.8	56.9	57.0	57.1	57.4	57.4	57.7	58.0
IV 18000	33.6	52.6	54.2	55.7	56.4	56.5	56.9	57.0	57.0	57.1	57.2	57.3	57.6	57.6	57.9	58.2
IV 16000	33.7	52.8	54.5	55.9	56.7	56.7	57.2	57.2	57.2	57.3	57.4	57.5	57.8	57.9	58.1	58.4
IV 14000	33.9	53.4	55.1	56.6	57.3	57.4	57.9	57.9	57.9	58.0	58.1	58.2	58.5	58.6	58.8	59.1
IV 12000	34.7	54.5	56.3	57.8	58.6	58.7	59.2	59.2	59.2	59.3	59.4	59.5	59.8	59.8	60.1	60.4
IV 10000	35.1	55.8	57.6	59.2	60.1	60.1	60.6	60.6	60.6	60.7	60.8	60.9	61.2	61.3	61.5	61.8
IV 9000	35.2	56.1	58.0	59.5	60.4	60.5	60.9	61.0	61.0	61.1	61.2	61.3	61.6	61.6	61.9	62.2
IV 8000	35.5	57.3	59.4	61.0	61.9	62.0	62.4	62.4	62.4	62.6	62.6	62.7	63.0	63.1	63.3	63.7
IV 7000	35.6	57.7	59.7	61.4	62.3	62.5	62.9	63.0	63.0	63.1	63.2	63.3	63.6	63.6	63.9	64.2
IV 6000	35.7	58.3	60.4	62.0	63.0	63.2	63.6	63.7	63.7	63.8	63.9	64.0	64.3	64.3	64.6	64.9
IV 5000	36.2	59.3	61.6	63.3	64.3	64.5	64.9	65.0	65.0	65.1	65.2	65.3	65.6	65.6	65.9	66.2
IV 4500	36.3	59.7	62.0	63.7	64.7	64.8	65.3	65.4	65.4	65.5	65.6	65.7	66.0	66.0	66.3	66.7
IV 4000	36.8	60.7	62.9	64.8	65.8	65.9	66.4	66.5	66.5	66.6	66.7	66.8	67.1	67.1	67.4	67.7
IV 3500	37.3	61.5	63.7	65.6	66.6	66.7	67.2	67.3	67.3	67.4	67.5	67.6	67.9	67.9	68.2	68.5
IV 3000	37.9	62.9	65.3	67.2	68.3	68.5	68.9	69.0	69.0	69.2	69.3	69.4	69.7	69.8	70.0	70.4
IV 2500	38.5	64.3	66.8	68.8	69.9	70.1	70.5	70.6	70.6	70.8	70.9	71.0	71.3	71.3	71.6	72.0
IV 2000	39.1	66.6	69.2	71.3	72.6	72.7	73.2	73.3	73.3	73.5	73.6	73.7	74.0	74.1	74.3	74.7
IV 1800	39.3	67.0	69.7	71.8	73.1	73.2	73.8	73.9	73.9	74.1	74.2	74.3	74.6	74.6	74.9	75.2
IV 1500	40.0	68.8	71.7	74.0	75.4	75.5	76.1	76.3	76.3	76.5	76.6	76.6	76.9	77.0	77.3	77.6
IV 1200	41.1	72.0	75.3	77.6	79.1	79.3	79.8	80.1	80.1	80.3	80.4	80.4	80.7	80.8	81.0	81.4
IV 1000	41.8	74.1	77.8	80.3	82.0	82.2	82.9	83.1	83.1	83.3	83.4	83.5	83.8	83.8	84.1	84.4
IV 900	42.1	75.5	79.4	82.0	83.9	84.0	84.7	85.0	85.0	85.2	85.3	85.4	85.7	85.7	86.0	86.3
IV 800	42.3	76.7	80.9	83.8	85.8	85.9	86.8	87.0	87.0	87.2	87.3	87.4	87.8	87.9	88.1	88.5
IV 700	42.7	77.6	81.9	84.8	86.9	87.0	87.9	88.1	88.1	88.4	88.5	88.5	88.9	89.0	89.2	89.7
IV 600	42.7	78.4	82.9	86.0	88.4	88.5	89.4	89.7	89.7	90.0	90.1	90.2	90.6	90.7	90.9	91.3
IV 500	42.7	78.7	83.4	86.7	89.3	89.4	90.7	90.9	91.0	91.4	91.5	91.6	92.0	92.1	92.3	92.8
IV 400	42.7	79.2	83.9	87.4	90.2	90.3	91.8	92.1	92.2	92.6	92.7	92.8	93.2	93.3	93.5	94.0
IV 300	42.8	79.4	84.3	87.7	90.9	91.1	92.8	93.1	93.1	93.8	94.0	94.1	94.6	94.7	95.0	95.4
IV 200	42.8	79.6	84.5	88.1	91.3	91.6	93.5	93.8	93.8	94.7	95.1	95.2	95.9	96.0	96.5	97.0
IV 100	42.8	79.6	84.5	88.1	91.3	91.6	93.5	93.8	93.9	94.9	95.3	95.4	96.6	96.7	97.5	98.7
IV 0	42.8	79.6	84.5	88.1	91.3	91.6	93.5	93.8	93.9	95.0	95.3	95.5	96.6	96.8	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2321

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.5	42.7	43.8	44.5	45.0	45.1	45.4	45.6	45.6	45.7	45.9	45.9	46.0	46.1	46.2	46.5
IV 20000	35.4	49.8	51.0	52.0	52.6	52.8	53.1	53.3	53.3	53.4	53.6	53.6	53.8	53.9	54.2	54.4
IV 18000	35.5	50.1	51.3	52.3	53.0	53.1	53.4	53.7	53.7	53.8	54.0	54.0	54.1	54.3	54.5	54.8
IV 16000	35.5	50.2	51.4	52.4	53.1	53.2	53.5	53.8	53.8	53.9	54.1	54.1	54.2	54.4	54.6	54.9
IV 14000	36.0	51.0	52.2	53.3	53.9	54.1	54.4	54.6	54.6	54.7	54.9	54.9	55.1	55.2	55.5	55.7
IV 12000	37.0	52.2	53.5	54.6	55.2	55.4	55.7	56.0	56.0	56.1	56.3	56.3	56.4	56.6	56.9	57.1
IV 10000	38.1	54.0	55.4	56.4	57.1	57.3	57.7	58.0	58.0	58.1	58.3	58.3	58.5	58.6	58.9	59.2
IV 9000	38.3	54.3	55.7	56.7	57.4	57.6	58.0	58.3	58.3	58.4	58.6	58.6	58.8	58.9	59.2	59.5
IV 8000	39.5	56.8	58.5	59.6	60.3	60.5	60.9	61.2	61.2	61.3	61.5	61.5	61.7	61.8	62.1	62.4
IV 7000	40.3	58.2	59.9	61.0	61.8	62.0	62.4	62.7	62.7	62.8	63.0	63.0	63.2	63.3	63.6	63.9
IV 6000	40.8	59.0	60.7	62.0	62.8	63.0	63.4	63.7	63.7	63.8	64.0	64.0	64.1	64.3	64.6	64.8
IV 5000	41.1	59.9	61.6	62.9	63.8	64.0	64.4	64.7	64.7	64.8	65.0	65.0	65.2	65.3	65.6	65.8
IV 4500	41.4	60.3	62.0	63.4	64.2	64.4	64.8	65.1	65.1	65.2	65.4	65.4	65.6	65.7	66.0	66.3
IV 4000	42.2	61.3	63.4	64.9	65.8	66.0	66.4	66.8	66.8	66.9	67.1	67.1	67.2	67.4	67.7	67.9
IV 3500	42.6	62.0	64.1	65.6	66.6	66.8	67.2	67.6	67.6	67.7	67.9	67.9	68.1	68.2	68.5	68.7
IV 3000	43.0	63.4	65.7	67.3	68.4	68.6	69.0	69.5	69.5	69.6	69.8	69.8	69.9	70.1	70.4	70.7
IV 2500	43.9	65.4	67.9	69.7	70.9	71.1	71.6	72.2	72.2	72.3	72.5	72.5	72.7	72.8	73.1	73.4
IV 2000	45.1	67.7	70.4	72.5	73.9	74.1	74.8	75.4	75.4	75.5	75.7	75.7	75.9	76.1	76.4	76.7
IV 1800	45.4	68.0	70.8	72.9	74.3	74.5	75.3	75.8	75.8	76.0	76.2	76.2	76.4	76.5	76.8	77.1
IV 1500	46.5	70.3	73.4	75.7	77.3	77.5	78.3	78.8	78.8	79.0	79.2	79.2	79.4	79.6	79.9	80.1
IV 1200	47.6	73.0	76.4	79.0	80.8	81.2	82.0	82.6	82.6	82.7	83.0	83.0	83.2	83.3	83.6	83.9
IV 1000	48.5	75.2	78.9	81.8	83.9	84.2	85.0	85.7	85.7	85.8	86.1	86.1	86.3	86.4	86.7	87.0
IV 900	48.7	76.0	79.9	82.9	85.1	85.4	86.3	86.9	86.9	87.1	87.4	87.4	87.6	87.7	88.0	88.3
IV 800	48.8	76.9	81.0	84.4	86.8	87.1	88.1	88.8	88.8	89.0	89.3	89.3	89.5	89.6	90.0	90.3
IV 700	49.1	77.7	82.0	85.5	88.1	88.5	89.5	90.2	90.2	90.5	90.7	90.7	90.9	91.1	91.4	91.7
IV 600	49.2	78.5	82.8	86.5	89.2	89.6	90.7	91.4	91.4	91.7	92.1	92.1	92.3	92.4	92.7	93.0
IV 500	49.3	79.1	83.6	87.5	90.3	90.7	91.9	92.7	92.7	93.1	93.5	93.5	93.8	93.9	94.2	94.5
IV 400	49.3	79.4	84.1	88.1	91.2	91.6	93.0	94.0	94.0	94.5	94.8	94.8	95.2	95.3	95.7	96.0
IV 300	49.4	79.6	84.3	88.3	91.5	91.9	93.5	94.7	94.8	95.4	95.7	95.7	96.1	96.3	96.7	97.0
IV 200	49.4	79.8	84.6	88.6	91.8	92.2	94.0	95.2	95.2	96.0	96.4	96.5	97.1	97.3	97.8	98.2
IV 100	49.4	79.8	84.6	88.7	91.9	92.3	94.0	95.2	95.3	96.0	96.5	96.6	97.3	97.7	98.5	99.5
IV 0	49.4	79.8	84.6	88.7	91.9	92.3	94.0	95.2	95.3	96.0	96.5	96.6	97.3	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2934

SPEED/LOG MOORE BUSINESS FORMS INC 32

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
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	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	40.5	50.4	50.8	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	47.1	59.6	60.1	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 18000	47.1	59.7	60.1	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IV 16000	47.2	59.9	60.4	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
IV 14000	47.5	60.6	61.1	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 12000	48.2	61.6	62.1	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 10000	49.7	64.0	64.6	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 9000	49.9	64.3	64.8	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 8000	51.0	66.6	67.1	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 7000	51.7	67.7	68.3	68.9	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 6000	52.0	68.5	69.2	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 5000	52.7	69.9	70.6	71.2	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 4500	53.0	70.5	71.2	71.8	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 4000	53.7	71.7	72.6	73.5	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 3500	53.8	72.2	73.1	73.9	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 3000	54.5	73.8	74.9	75.9	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 2500	55.9	76.5	77.8	79.0	79.6	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 2000	57.6	79.9	81.5	82.9	83.7	83.8	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 1800	57.9	80.5	82.2	83.6	84.5	84.6	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1
IV 1500	59.0	82.9	84.7	86.3	87.2	87.3	87.6	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8
IV 1200	59.9	85.1	87.0	88.8	89.9	90.0	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 1000	60.7	86.9	89.0	90.9	92.0	92.2	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
IV 900	60.8	87.3	89.4	91.4	92.7	92.9	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 800	61.0	88.2	90.3	92.5	93.9	94.1	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
IV 700	61.2	88.8	91.0	93.3	94.9	95.1	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 600	61.3	89.3	91.7	94.1	95.8	96.0	96.9	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 500	61.3	89.5	92.0	94.4	96.2	96.4	97.6	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 400	61.3	89.5	92.1	94.7	96.4	96.8	98.0	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 300	61.3	89.6	92.2	94.8	96.7	97.0	98.3	98.7	98.8	99.1	99.1	99.1	99.2	99.3	99.3	99.3
IV 200	61.3	89.6	92.2	94.8	96.7	97.1	98.3	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.6
IV 100	61.3	89.6	92.2	94.8	96.7	97.1	98.3	98.8	98.9	99.2	99.3	99.3	99.4	99.5	99.6	99.9
IV 0	61.3	89.6	92.2	94.8	96.7	97.1	98.3	98.8	98.9	99.2	99.3	99.3	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2898

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13920
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.9	53.6	54.3	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	52.5	63.4	64.5	65.0	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 18000	52.6	63.6	64.7	65.2	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
16000	52.7	63.8	65.0	65.4	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 14000	53.2	64.4	65.7	66.1	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	54.5	66.3	67.5	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 10000	55.9	68.2	69.5	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
9000	56.2	68.7	70.0	70.5	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 8000	57.1	70.5	72.0	72.6	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
7000	57.7	71.7	73.2	73.8	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 6000	58.3	72.6	74.2	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
5000	59.0	73.9	75.6	76.2	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4500	59.4	74.4	76.1	76.8	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
4000	60.2	76.0	77.8	78.6	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 3500	60.7	76.7	78.6	79.4	79.9	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
3000	61.8	78.7	80.8	81.7	82.2	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 2500	62.9	80.8	83.1	84.2	84.7	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
2000	64.4	83.6	86.2	87.5	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1800	64.7	84.1	86.7	88.0	88.7	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1500	65.4	85.6	88.3	89.6	90.5	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 1200	66.3	87.4	90.2	91.6	92.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
1000	66.7	88.6	91.5	93.0	94.1	94.4	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
IV 900	66.9	89.1	92.0	93.6	94.8	95.1	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8
800	67.2	89.6	92.7	94.4	95.6	95.9	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7
IV 700	67.2	90.1	93.2	95.2	96.5	96.8	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7
600	67.3	90.3	93.5	95.7	97.1	97.4	98.0	98.1	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4
IV 500	67.3	90.4	93.7	96.0	97.4	97.8	98.4	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9
400	67.3	90.5	93.8	96.2	97.6	98.0	98.6	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	67.3	90.5	93.9	96.3	97.7	98.1	98.9	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6
200	67.3	90.5	93.9	96.3	97.7	98.1	98.9	99.2	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8
IV 100	67.3	90.5	93.9	96.3	97.7	98.1	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.8	100.0	100.0
0	67.3	90.5	93.9	96.3	97.7	98.1	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2887

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (ZST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1½	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 7/16	≥ ¾	≥ 0
NO CEILING	44.4	52.3	52.9	53.3	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 20000	53.4	63.7	64.8	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 18000	53.5	63.9	65.0	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0
IV 16000	53.8	64.1	65.2	65.8	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 14000	54.1	64.6	65.7	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8
IV 12000	55.6	66.5	67.6	68.1	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 10000	56.7	68.4	69.5	70.2	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8
IV 9000	57.1	68.8	69.9	70.6	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 8000	58.0	71.1	72.3	73.3	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 7000	58.8	72.3	73.6	74.5	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 6000	59.3	72.9	74.3	75.3	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 5000	59.9	73.8	75.4	76.5	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 4500	60.3	74.3	75.8	77.0	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6
IV 4000	61.3	76.1	77.7	78.9	79.2	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 3500	61.8	77.1	78.9	80.2	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 3000	63.1	78.9	80.8	82.2	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2
IV 2500	64.2	81.0	83.2	84.7	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8
IV 2000	65.3	82.9	85.4	87.0	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3
IV 1800	65.4	83.2	85.7	87.4	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 1500	65.9	84.4	87.2	89.0	89.8	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5
IV 1200	66.6	86.0	89.1	91.1	92.0	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1000	66.9	86.8	90.0	92.1	93.0	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9
IV 900	67.0	87.3	90.5	92.7	93.6	93.8	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 800	67.1	87.8	91.1	93.3	94.3	94.5	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 700	67.2	88.2	91.5	93.9	94.9	95.2	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 600	67.3	88.6	92.0	94.7	95.9	96.2	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
IV 500	67.4	89.0	92.6	95.5	96.8	97.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4
IV 400	67.4	89.2	92.8	95.8	97.2	97.5	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	67.4	89.2	92.8	95.9	97.3	97.6	98.7	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4
IV 200	67.4	89.2	92.8	95.9	97.4	97.6	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.7
IV 100	67.4	89.2	92.8	95.9	97.4	97.6	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.6	99.7	99.9
IV 0	67.4	89.2	92.8	95.9	97.4	97.6	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2891

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	42.5	54.2	54.9	55.2	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 20000	48.9	63.6	64.6	64.9	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 18000	49.0	63.8	64.8	65.2	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 16000	49.2	64.1	65.0	65.4	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 14000	49.6	64.6	65.6	66.0	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 12000	50.8	66.2	67.2	67.7	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 10000	51.7	68.2	69.2	70.0	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 9000	51.9	68.6	69.7	70.4	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 8000	52.6	70.0	71.3	72.1	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 7000	53.3	71.2	72.7	73.6	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 6000	53.7	71.9	73.5	74.6	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 5000	54.4	73.1	74.6	75.8	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 4500	54.5	73.3	74.9	76.0	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4000	54.7	74.1	75.8	77.0	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 3500	55.0	74.7	76.5	77.9	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 3000	55.6	75.7	77.6	79.2	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 2500	56.4	76.9	78.9	80.6	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 2000	57.5	78.6	80.9	82.8	83.7	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 1800	57.6	79.1	81.4	83.3	84.2	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 1500	58.4	80.6	83.1	85.2	86.2	86.3	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1200	59.0	82.3	85.1	87.5	88.6	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1000	59.5	83.8	86.7	89.4	90.7	90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 900	59.5	84.0	87.3	90.0	91.3	91.5	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 800	59.8	85.0	88.3	91.5	92.8	93.1	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 700	60.0	85.7	89.4	92.5	94.0	94.3	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 600	60.1	86.1	89.8	93.1	94.6	94.9	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 500	60.1	86.2	90.1	93.5	95.4	95.7	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 400	60.1	86.4	90.3	93.7	95.7	96.1	97.1	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 300	60.1	86.5	90.6	94.2	96.3	96.7	97.7	98.4	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9
IV 200	60.1	86.5	90.7	94.3	96.4	96.9	97.9	98.6	98.7	98.8	99.0	99.0	99.0	99.2	99.3	99.4
IV 100	60.1	86.5	90.7	94.3	96.4	96.9	98.0	98.7	98.8	98.9	99.1	99.1	99.1	99.3	99.4	99.7
IV 0	60.1	86.5	90.7	94.3	96.4	96.9	98.0	98.7	98.8	98.9	99.1	99.1	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2838

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-74 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LCT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	42.2	56.9	57.8	58.4	58.7	58.7	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 2000	46.0	63.3	64.3	64.9	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 18000	46.0	63.4	64.4	64.9	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 16000	46.0	63.6	64.6	65.1	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
IV 14000	46.4	64.4	65.5	66.0	66.3	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.7	66.7
IV 12000	47.5	65.6	66.7	67.3	67.6	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0	68.0
IV 10000	48.1	67.1	68.2	68.8	69.1	69.1	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 9000	48.3	67.6	68.6	69.3	69.6	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70.0
IV 8000	48.9	68.8	70.0	70.6	70.9	70.9	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 7000	49.2	69.5	70.7	71.3	71.6	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 6000	49.3	69.9	71.1	71.8	72.1	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5
IV 5000	49.8	70.8	72.2	72.9	73.2	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6
IV 4500	49.8	71.0	72.3	73.1	73.4	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8
IV 4000	50.2	72.2	73.6	74.4	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1
IV 3500	50.4	72.7	74.1	74.9	75.3	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7
IV 3000	50.7	74.0	75.4	76.5	76.9	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.3
IV 2500	51.1	74.9	76.5	77.8	78.2	78.2	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.7	78.7
IV 2000	51.8	76.4	78.2	79.5	79.9	79.9	80.2	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4
IV 1800	52.0	76.9	78.7	80.2	80.6	80.6	80.7	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.2	81.2
IV 1500	52.5	78.2	80.2	81.7	82.3	82.3	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8
IV 1200	53.4	80.5	82.7	84.7	85.4	85.5	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1
IV 1000	53.9	82.2	84.7	87.1	87.8	87.9	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.6	88.6
IV 900	54.3	83.5	86.0	88.3	89.2	89.2	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	90.0
IV 800	54.6	84.0	86.6	89.1	90.0	90.1	90.5	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.9	90.9
IV 700	54.9	84.9	87.8	90.5	91.6	91.7	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6
IV 600	55.0	86.0	88.9	91.9	93.1	93.2	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1
IV 500	55.1	86.7	89.8	93.2	94.5	94.6	95.3	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8
IV 400	55.2	87.2	90.5	93.9	95.4	95.6	96.4	96.7	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1
IV 300	55.2	87.3	90.7	94.2	95.8	96.1	97.1	97.6	97.6	97.6	98.0	98.0	98.0	98.1	98.2	98.2
IV 200	55.2	87.4	90.7	94.3	96.0	96.3	97.4	98.0	98.0	98.0	98.5	98.5	98.6	98.6	98.7	98.9
IV 100	55.2	87.4	90.7	94.3	96.0	96.3	97.4	98.0	98.0	98.0	98.5	98.6	98.6	98.8	99.0	99.0
IV 0	55.2	87.4	90.7	94.3	96.0	96.3	97.4	98.0	98.0	98.0	98.5	98.6	98.6	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2550

27
 MODEL BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13R20
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-65,74
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	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING	48.6	68.4	69.0	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 20000	52.5	74.2	74.8	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 18000	52.5	74.2	74.8	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
IV 16000	52.7	74.6	75.2	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 14000	53.4	75.4	76.0	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 12000	54.5	77.1	77.8	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 10000	55.4	78.7	79.3	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 9000	55.4	78.8	79.5	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2
IV 8000	55.9	80.5	81.1	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 7000	56.0	81.0	81.7	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 6000	56.1	81.3	81.9	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 5000	56.3	81.8	82.4	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4500	56.4	81.8	82.5	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3
IV 4000	56.9	82.5	83.1	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 3500	57.1	83.0	83.6	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
IV 3000	57.5	83.9	84.7	85.3	85.3	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 2500	58.1	85.2	86.0	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0
IV 2000	58.8	87.4	88.2	88.9	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1800	59.2	88.1	88.9	89.6	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0
IV 1500	59.9	90.0	90.8	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1
IV 1200	60.6	92.2	93.4	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
IV 1000	61.4	94.0	95.2	96.1	96.2	96.2	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7
IV 900	61.6	94.5	95.7	96.8	96.9	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
IV 800	61.8	95.2	96.4	97.5	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
IV 700	61.8	95.9	97.1	98.2	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 600	61.8	96.2	97.4	98.5	98.8	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	61.8	96.5	97.8	99.0	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 400	61.8	96.6	97.9	99.1	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 300	61.8	96.6	97.9	99.1	99.3	99.3	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	61.8	96.6	97.9	99.1	99.3	99.3	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 100	61.8	96.6	97.9	99.1	99.3	99.3	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 0	61.8	96.6	97.9	99.1	99.3	99.3	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2249

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1982
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-65,67-74
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	≥ ½	≥ ¼	≥ 0.16	≥ 0	
NO CEILING	38.8	59.1	60.7	61.6	62.3	62.4	62.5	62.5	62.5	62.7	62.8	62.8	62.8	62.8	62.8	62.8
IV 20000	43.0	65.4	67.3	68.3	69.1	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 18000	43.1	65.7	67.5	68.5	69.3	69.4	69.6	69.6	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9
IV 16000	43.3	65.9	67.7	68.8	69.6	69.6	69.8	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1
IV 14000	43.7	66.6	68.5	69.5	70.3	70.4	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 12000	44.7	68.6	70.4	71.5	72.3	72.4	72.5	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8
IV 10000	45.8	70.6	72.5	73.6	74.5	74.5	74.7	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.1	75.1
IV 9000	46.0	70.8	72.7	73.8	74.7	74.8	75.0	75.0	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3
IV 8000	46.5	72.0	73.9	75.1	75.9	76.0	76.2	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6
IV 7000	47.2	73.2	75.3	76.4	77.3	77.4	77.6	77.7	77.7	77.9	77.9	77.9	77.9	77.9	78.0	78.0
IV 6000	47.4	73.7	75.8	76.9	77.9	78.0	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.6
IV 5000	48.0	74.7	76.8	77.9	78.9	79.0	79.2	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.6	79.6
IV 4500	48.0	74.7	76.8	78.0	78.9	79.0	79.2	79.3	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6
IV 4000	48.5	75.5	77.7	78.8	79.8	79.8	80.1	80.1	80.1	80.3	80.4	80.4	80.4	80.4	80.5	80.5
IV 3500	48.8	76.2	78.4	79.6	80.5	80.6	80.9	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.3	81.3
IV 3000	49.4	77.5	79.8	81.0	81.9	82.0	82.3	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7
IV 2500	50.1	78.8	81.1	82.5	83.4	83.5	83.9	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3
IV 2000	51.1	81.4	83.8	85.4	86.3	86.4	86.9	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.3	87.3
IV 1800	51.2	81.8	84.3	85.8	86.9	86.9	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.8	87.8
IV 1500	52.4	84.4	87.0	88.5	89.6	89.7	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.6	90.6
IV 1200	53.5	87.2	89.9	91.5	92.6	92.7	93.2	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.7	93.7
IV 1000	54.0	88.9	91.7	93.5	94.6	94.7	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.8	95.8
IV 900	54.2	89.6	92.4	94.2	95.3	95.4	96.0	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.5	96.5
IV 800	54.3	90.2	93.1	95.0	96.1	96.2	96.8	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.3	97.3
IV 700	54.5	90.7	93.6	95.5	96.8	96.9	97.6	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.1	98.1
IV 600	54.6	90.9	93.9	95.8	97.1	97.2	97.9	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.4	98.4
IV 500	54.6	91.2	94.2	96.3	97.6	97.7	98.5	98.5	98.5	98.7	98.9	98.9	98.9	98.9	99.0	99.0
IV 400	54.7	91.3	94.4	96.5	97.9	98.1	98.8	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3
IV 300	54.7	91.3	94.4	96.5	97.9	98.1	98.9	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.5
IV 200	54.7	91.3	94.4	96.5	97.9	98.1	98.9	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.7	99.7
IV 100	54.7	91.3	94.4	96.5	97.9	98.1	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.8	99.9
IV 0	54.7	91.3	94.4	96.5	97.9	98.1	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2619

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-74 MAY

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	≥ 0
NO CEILING	36.9	50.6	51.8	52.2	52.5	52.6	52.7	52.7	52.7	52.8	52.9	52.9	52.9	52.9	52.9
≥ 20000	44.2	61.1	62.5	63.1	63.5	63.6	63.8	63.8	63.8	63.8	63.9	63.9	64.0	64.0	64.0
IV 13000	44.5	61.4	62.8	63.4	63.8	63.9	64.1	64.1	64.1	64.1	64.2	64.2	64.3	64.3	64.3
IV 16000	44.6	61.5	62.9	63.5	63.9	64.0	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4
IV 14000	45.3	62.4	63.8	64.4	64.8	64.9	65.1	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3
IV 12000	46.8	64.5	66.0	66.6	67.0	67.1	67.3	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5
IV 10000	48.5	67.2	68.9	69.6	70.3	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.8	70.8	70.8
IV 9000	49.0	67.8	69.6	70.3	70.9	71.0	71.2	71.2	71.3	71.3	71.5	71.5	71.5	71.5	71.5
IV 8000	50.3	70.0	71.8	72.7	73.4	73.5	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9
IV 7000	50.9	70.9	72.8	73.7	74.4	74.5	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9
IV 6000	51.4	71.8	73.7	74.7	75.3	75.4	75.6	75.6	75.7	75.7	75.8	75.8	75.9	75.9	75.9
IV 5000	52.3	73.0	75.0	75.9	76.6	76.8	76.9	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.2
IV 4500	52.4	73.3	75.2	76.2	76.9	77.0	77.2	77.2	77.2	77.3	77.4	77.4	77.5	77.5	77.5
IV 4000	52.9	74.2	76.3	77.2	77.9	78.0	78.2	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5
IV 3500	53.2	74.9	77.0	78.0	78.8	78.9	79.1	79.1	79.1	79.2	79.3	79.3	79.4	79.4	79.4
IV 3000	54.1	76.1	78.3	79.3	80.1	80.2	80.4	80.4	80.5	80.5	80.7	80.7	80.7	80.7	80.7
IV 2500	55.3	77.8	80.1	81.2	82.0	82.1	82.4	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7
IV 2000	57.4	81.3	83.6	84.8	85.7	85.8	86.1	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4
IV 1800	57.8	81.9	84.3	85.5	86.4	86.5	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1
IV 1500	59.5	84.5	87.0	88.2	89.2	89.3	89.7	89.7	89.8	89.8	90.0	90.0	90.1	90.1	90.1
IV 1200	60.5	86.6	89.3	90.6	91.6	91.7	92.2	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6
IV 1000	61.2	88.0	90.9	92.3	93.4	93.6	94.0	94.2	94.2	94.3	94.4	94.4	94.5	94.5	94.5
IV 900	61.6	88.7	91.7	93.1	94.2	94.3	94.8	95.0	95.0	95.1	95.3	95.3	95.4	95.4	95.4
IV 800	62.1	89.6	92.8	94.2	95.4	95.6	96.1	96.2	96.3	96.3	96.5	96.5	96.7	96.7	96.7
IV 700	62.4	90.2	93.5	95.0	96.2	96.4	97.0	97.2	97.2	97.3	97.4	97.4	97.6	97.6	97.6
IV 600	62.5	90.5	93.8	95.3	96.6	96.9	97.4	97.6	97.6	97.7	97.9	97.9	98.1	98.1	98.1
IV 500	62.7	91.0	94.4	96.0	97.4	97.7	98.3	98.5	98.5	98.6	98.8	98.8	99.0	99.0	99.0
IV 400	62.7	91.1	94.6	96.3	97.7	98.0	98.6	98.8	98.9	99.0	99.2	99.2	99.4	99.5	99.5
IV 300	62.7	91.2	94.6	96.3	97.8	98.2	98.9	99.1	99.2	99.3	99.5	99.5	99.7	99.7	99.8
IV 200	62.7	91.2	94.6	96.3	97.9	98.2	98.9	99.1	99.3	99.4	99.6	99.6	99.8	99.9	100.0
IV 100	62.7	91.2	94.6	96.3	97.9	98.2	98.9	99.1	99.3	99.4	99.6	99.6	99.8	99.9	100.0
IV 0	62.7	91.2	94.6	96.3	97.9	98.2	98.9	99.1	99.3	99.4	99.6	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3097

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI STATION NAME 42-74 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	47.4	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 20000	55.9	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 18000	56.1	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
IV 16000	56.3	68.5	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	68.8
IV 14000	57.1	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 12000	58.9	71.7	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 10000	60.4	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 9000	60.8	74.4	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 8000	61.8	76.0	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 7000	62.5	77.1	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 6000	63.0	78.1	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 5000	63.5	79.1	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 4500	63.6	79.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 4000	64.4	80.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3500	64.8	81.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 3000	66.0	83.0	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 2500	67.9	85.4	86.7	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
IV 2000	70.1	88.6	89.9	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 1800	70.4	89.1	90.4	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 1500	72.6	92.1	93.6	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1200	73.8	94.2	95.7	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	74.5	95.1	96.7	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	74.7	95.5	97.1	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	74.8	95.8	97.4	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0
IV 700	74.9	96.0	97.6	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3
IV 500	74.9	96.0	97.7	98.4	99.0	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
IV 500	74.9	96.1	97.7	98.5	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7
IV 400	74.9	96.2	97.9	98.7	99.3	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
IV 300	74.9	96.2	97.9	98.7	99.3	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
IV 200	74.9	96.2	97.9	98.7	99.3	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
IV 100	74.9	96.2	97.9	98.7	99.3	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
IV 0	74.9	96.2	97.9	98.7	99.3	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3062

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILQXI
STATION NAME

42-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.3	59.0	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	59.3
IV 20000	60.1	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 18000	60.3	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 16000	60.3	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
IV 14000	60.6	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 12000	62.0	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 10000	63.3	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 9000	63.8	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	76.9
IV 8000	65.0	78.4	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	78.7
IV 7000	65.6	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 6000	65.8	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 5000	66.4	80.6	80.9	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
IV 4500	66.5	80.8	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 4000	67.3	82.0	82.5	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
IV 3500	67.9	82.8	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
IV 3000	69.8	85.2	85.8	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 2500	71.6	87.8	88.6	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 2000	74.3	91.4	92.2	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1800	74.6	91.8	92.5	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1500	76.0	93.7	94.6	95.3	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200	76.5	94.7	95.7	96.4	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1000	77.1	95.6	96.7	97.5	98.1	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	77.1	95.7	96.8	97.6	98.3	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	77.4	96.0	97.3	98.0	98.7	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	77.4	96.1	97.3	98.1	98.8	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	77.4	96.2	97.4	98.3	99.0	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	77.4	96.2	97.5	98.4	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	77.4	96.3	97.5	98.4	99.1	99.3	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	77.4	96.3	97.5	98.4	99.1	99.3	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	77.4	96.3	97.6	98.5	99.2	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	77.4	96.3	97.6	98.5	99.2	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	77.4	96.3	97.6	98.5	99.2	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3057

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/EILUXI
STATION NAME

42-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.9	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 20000	59.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 18000	59.6	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 16000	59.8	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 14000	60.7	72.9	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
IV 12000	62.6	75.1	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
IV 10000	63.9	77.5	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 9000	64.4	78.1	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 8000	65.8	80.2	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 7000	66.9	81.7	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	82.3
IV 6000	67.2	82.3	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 5000	67.9	83.6	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 4500	68.1	83.9	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4000	69.1	85.4	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
IV 3500	69.9	86.5	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3000	70.9	88.0	88.9	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 2500	72.3	90.0	91.0	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 2000	73.9	92.1	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1800	74.0	92.3	93.3	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1500	74.5	93.5	94.6	95.1	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1200	75.1	94.5	95.7	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1000	75.8	95.6	96.9	97.6	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	75.8	95.7	97.1	97.9	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	76.0	95.9	97.3	98.1	98.7	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	76.1	96.1	97.5	98.4	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 600	76.2	96.3	97.7	98.5	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	76.2	96.3	97.7	98.6	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	76.2	96.3	97.7	98.6	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
IV 300	76.2	96.3	97.7	98.6	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	76.2	96.3	97.7	98.6	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 100	76.2	96.3	97.7	98.6	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 0	76.2	96.3	97.8	98.6	99.3	99.4	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3045

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILDXI
STATION NAME

42-74
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	47.6	58.9	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 20000	57.7	72.0	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 18000	57.7	72.9	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 16000	57.8	73.0	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 14000	58.6	74.1	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 12000	60.0	76.0	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
IV 10000	61.5	78.6	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 9000	62.0	79.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 8000	63.1	81.0	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 7500	63.9	82.1	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 6000	64.2	82.7	83.5	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 5000	64.6	83.4	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 4500	64.6	83.5	84.5	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4000	65.3	84.8	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4
IV 3500	65.7	85.5	86.6	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
IV 3000	66.2	86.9	87.9	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6
IV 2500	66.7	87.7	88.8	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5
IV 2000	68.1	89.7	90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6
IV 1800	68.2	89.9	91.0	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1500	69.0	91.5	92.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5
IV 1200	69.9	93.1	94.5	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1000	70.6	94.6	96.2	97.0	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 900	71.0	95.1	96.7	97.7	97.9	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	71.1	95.5	97.1	98.1	98.3	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	71.2	95.7	97.4	98.3	98.6	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	71.3	95.8	97.5	98.5	98.7	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	71.4	96.0	97.7	98.7	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	71.4	96.1	97.8	98.8	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	71.5	96.1	97.9	98.8	99.1	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	71.5	96.1	97.9	98.8	99.1	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	71.5	96.1	97.9	98.8	99.1	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	71.5	96.1	97.9	98.8	99.1	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 3015

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
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	51.3	67.9	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	68.5
IV 20000	56.5	75.5	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
IV 18000	56.6	75.6	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 16000	56.8	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 14000	57.8	77.2	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 12000	58.7	78.7	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 10000	59.4	80.2	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 9000	59.5	80.6	81.2	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 8000	60.1	82.1	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 7000	60.4	82.5	83.1	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
IV 6000	60.5	82.9	83.5	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 5000	61.1	84.1	84.7	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
IV 4500	61.1	84.1	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4000	61.7	85.1	85.8	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
IV 3500	62.0	85.5	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3000	62.5	86.8	87.7	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2500	63.1	87.8	88.7	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2000	64.0	89.4	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 1800	64.2	89.9	90.9	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 1500	65.1	91.5	92.5	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
IV 1200	66.1	93.4	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
IV 1000	66.9	95.1	96.5	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
IV 900	67.0	95.5	96.8	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
IV 800	67.1	96.0	97.4	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IV 700	67.1	96.5	98.0	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
IV 600	67.2	96.8	98.3	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 500	67.3	97.0	98.5	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 400	67.3	97.0	98.5	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	67.3	97.0	98.5	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	67.3	97.0	98.5	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	67.3	97.0	98.5	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	67.3	97.0	98.5	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2536

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-65, 71, 74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	56.3	74.4	75.0	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9
IV 20000	60.4	80.1	80.7	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 18000	60.5	80.3	80.8	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 16000	60.8	80.6	81.1	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
IV 14000	61.5	81.6	82.2	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 12000	62.8	83.6	84.1	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 10000	63.7	84.9	85.6	86.4	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
IV 9000	63.7	85.0	85.7	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 8000	64.1	85.6	86.4	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5
IV 7000	64.4	86.3	87.0	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 6000	64.6	86.6	87.3	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	88.4
IV 5000	64.7	86.7	87.4	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4500	64.7	86.9	87.6	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8
IV 4000	64.9	87.5	88.3	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4
IV 3500	65.2	88.1	88.9	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 3000	66.2	89.4	90.3	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 2500	66.8	90.9	91.9	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
IV 2000	68.1	93.2	94.2	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1800	68.4	93.9	94.9	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1500	69.1	95.5	96.6	97.6	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	69.3	96.0	97.2	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	69.3	96.2	97.4	98.6	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	69.3	96.2	97.4	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 800	69.3	96.2	97.5	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 700	69.3	96.2	97.5	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 600	69.4	96.3	97.6	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 500	69.4	96.3	97.6	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 400	69.4	96.4	97.7	98.9	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	69.4	96.4	97.8	99.0	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	69.4	96.4	97.8	99.0	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 100	69.4	96.4	97.8	99.0	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 0	69.4	96.4	97.8	99.0	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-65,67-74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.1	63.8	65.5	66.6	66.9	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 20000	51.0	71.3	73.1	74.4	74.7	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2
IV 18000	51.1	71.4	73.2	74.5	74.8	74.8	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3
IV 16000	51.3	71.7	73.5	74.8	75.1	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6
IV 14000	52.2	73.2	75.0	76.3	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1
IV 12000	54.0	75.5	77.6	79.0	79.3	79.3	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8
IV 10000	55.4	77.4	79.5	81.0	81.3	81.3	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8
IV 9000	55.6	77.8	79.8	81.3	81.6	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1
IV 8000	56.2	78.6	80.7	82.1	82.5	82.5	82.7	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.0
IV 7000	56.9	79.8	81.9	83.4	83.8	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.2	84.3	84.3	84.3
IV 6000	57.4	80.6	82.7	84.2	84.5	84.5	84.7	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0
IV 5000	57.8	81.2	83.3	84.8	85.1	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6
IV 4500	57.8	81.3	83.4	84.8	85.2	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.7
IV 4000	58.1	82.0	84.1	85.6	85.9	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.5	86.5	86.5
IV 3500	58.7	82.6	84.7	86.2	86.6	86.6	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1
IV 3000	59.2	84.0	86.1	87.8	88.1	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6
IV 2500	59.9	85.5	87.7	89.4	89.8	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3
IV 2000	61.6	88.6	91.0	92.8	93.3	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.9	93.9	93.9
IV 1800	61.8	89.2	91.5	93.4	93.9	93.9	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5
IV 1500	63.0	90.9	93.5	95.5	96.0	96.0	96.4	96.5	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8
IV 1200	63.4	91.6	94.4	96.3	96.9	96.9	97.3	97.4	97.4	97.6	97.7	97.7	97.7	97.8	97.8	97.8
IV 1000	63.5	91.9	94.8	96.9	97.5	97.5	97.9	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4
IV 900	63.5	92.0	94.9	96.9	97.6	97.6	98.0	98.1	98.1	98.4	98.4	98.4	98.4	98.5	98.5	98.5
IV 800	63.5	92.1	94.9	97.1	97.8	97.8	98.2	98.3	98.3	98.6	98.6	98.6	98.7	98.8	98.8	98.8
IV 700	63.5	92.1	95.0	97.3	98.0	98.0	98.4	98.5	98.5	98.8	98.9	98.9	98.9	99.0	99.0	99.0
IV 600	63.5	92.2	95.1	97.4	98.2	98.2	98.6	98.7	98.7	99.0	99.1	99.1	99.1	99.2	99.2	99.2
IV 500	63.5	92.2	95.2	97.5	98.2	98.3	98.7	98.8	98.8	99.3	99.3	99.3	99.4	99.5	99.5	99.5
IV 400	63.5	92.2	95.2	97.5	96.3	98.3	98.7	98.9	98.9	99.3	99.3	99.3	99.4	99.5	99.5	99.5
IV 300	63.5	92.3	95.3	97.6	98.4	98.4	98.8	99.0	99.0	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 200	63.5	92.3	95.3	97.6	98.4	98.4	98.9	99.1	99.1	99.5	99.6	99.6	99.7	99.8	99.8	99.8
IV 100	63.5	92.3	95.3	97.6	98.4	98.4	98.9	99.1	99.1	99.5	99.6	99.6	99.7	99.8	99.8	99.8
IV 0	63.5	92.3	95.3	97.6	98.4	98.4	98.9	99.1	99.1	99.5	99.6	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2554

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.3	58.9	60.2	60.7	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	52.0	69.7	71.1	71.8	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5
IV 18000	52.2	69.9	71.4	72.1	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 16000	52.5	70.5	71.9	72.6	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
IV 14000	54.0	72.4	73.8	74.5	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
IV 12000	55.9	74.8	76.3	77.1	77.5	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
IV 10000	57.9	77.5	79.1	80.0	80.4	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 9000	58.6	78.3	80.0	80.9	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
IV 8000	59.9	80.3	82.0	83.0	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 7000	60.5	81.5	83.3	84.2	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 6000	60.7	81.9	83.7	84.7	85.0	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 5000	61.3	82.6	84.4	85.4	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
IV 4500	61.4	82.8	84.5	85.5	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 4000	61.6	83.0	84.8	85.7	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5
IV 3500	61.8	83.2	85.0	85.9	86.3	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 3000	62.3	84.1	85.9	86.9	87.3	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2500	64.2	86.5	88.3	89.3	89.8	89.9	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
IV 2000	65.9	88.8	90.7	91.9	92.4	92.6	93.0	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2
IV 1800	66.4	89.5	91.5	92.7	93.2	93.4	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1500	67.8	91.4	93.5	94.7	95.4	95.6	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
IV 1200	68.2	92.3	94.6	95.9	96.7	96.9	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6
IV 1000	68.4	92.9	95.5	96.8	97.6	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IV 900	68.5	93.0	95.6	97.0	97.8	98.0	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
IV 800	68.6	93.2	95.8	97.2	98.1	98.3	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 700	68.6	93.2	95.8	97.3	98.2	98.3	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	68.7	93.2	95.9	97.4	98.3	98.5	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	68.7	93.3	96.1	97.5	98.5	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	68.7	93.4	96.1	97.6	98.6	98.9	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
IV 300	68.7	93.4	96.2	97.7	98.7	98.9	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
IV 200	68.7	93.5	96.2	97.7	98.7	99.0	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	68.7	93.5	96.2	97.7	98.7	99.0	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	68.7	93.5	96.2	97.7	98.7	99.0	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2908

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILGX
STATION NAME

42-74
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	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.2	61.3	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 20000	58.6	71.6	72.0	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 18000	58.8	71.9	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 16000	58.9	72.1	72.5	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 14000	60.5	73.9	74.3	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 12000	63.3	77.1	77.5	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 10000	65.4	79.9	80.5	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 9000	65.9	80.6	81.2	81.5	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 8000	66.8	82.1	82.8	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 7000	67.4	83.2	83.9	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 6000	67.5	83.5	84.2	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 5000	67.7	83.8	84.5	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 4500	67.7	83.8	84.6	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 4000	68.0	84.4	85.2	85.5	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 3500	68.4	84.9	85.7	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 3000	69.7	86.7	87.6	87.9	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2500	72.3	89.8	90.8	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
IV 2000	74.5	92.7	93.7	94.1	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1800	74.9	93.4	94.4	94.8	95.1	95.1	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5
IV 1500	76.1	95.2	96.3	96.9	97.2	97.2	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	76.5	95.9	97.1	97.7	98.1	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	76.7	96.4	97.7	98.3	98.8	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	76.7	96.4	97.7	98.3	98.8	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	76.8	96.5	97.8	98.4	99.0	99.1	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	76.8	96.5	97.8	98.5	99.1	99.2	99.5	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8
IV 600	76.8	96.5	97.8	98.6	99.2	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	76.9	96.6	97.8	98.6	99.2	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	76.9	96.6	97.8	98.6	99.2	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	76.9	96.6	97.8	98.6	99.2	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	76.9	96.6	97.8	98.6	99.2	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	76.9	96.6	97.8	98.6	99.2	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	76.9	96.6	97.8	98.6	99.2	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2903

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74

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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.5	58.0	58.7	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
IV 20000	59.9	72.8	73.6	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
IV 18000	60.2	73.0	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 16000	60.3	73.2	74.0	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 14000	61.8	74.9	75.7	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 12000	64.1	77.8	78.8	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 10000	66.1	80.5	81.5	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 9000	66.5	81.0	82.0	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 8000	67.7	82.5	83.5	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 7000	68.8	84.1	85.1	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 6000	68.9	84.3	85.3	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 5000	69.1	84.6	85.6	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
IV 4500	69.4	84.9	85.9	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 4000	69.9	85.7	86.7	87.3	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3500	70.2	86.2	87.2	87.9	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 3000	71.8	88.4	89.6	90.3	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 2500	74.2	91.3	92.5	93.2	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2000	75.5	93.4	94.8	95.6	96.1	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	76.0	94.1	95.4	96.3	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500	76.5	94.9	96.2	97.2	97.8	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	77.0	95.4	96.8	97.8	98.6	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	77.0	95.6	97.0	98.1	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 900	77.0	95.6	97.0	98.1	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 800	77.0	95.6	97.0	98.1	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 700	77.0	95.6	97.0	98.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 600	77.0	95.6	97.0	98.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 500	77.0	95.6	97.0	98.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 400	77.0	95.6	97.0	98.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 300	77.0	95.6	97.0	98.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 200	77.0	95.6	97.0	98.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 100	77.0	95.6	97.0	98.1	99.1	99.1	.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 0	77.0	95.6	97.0	98.1	99.1	99.1	.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2915

SPEER/CO MOORE BUSINESS FORMS INC 37

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.3	54.4	54.9	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 20000	59.0	72.7	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 18000	59.3	73.0	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	74.0
IV 16000	59.6	73.4	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 14000	61.6	75.7	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 12000	63.6	78.0	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 10000	65.8	81.1	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 9000	66.4	81.7	82.4	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
IV 8000	68.3	84.3	85.0	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 7000	69.2	85.6	86.3	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 6000	69.5	86.0	86.8	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 5000	69.7	86.5	87.2	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
IV 4500	69.9	86.9	87.6	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
IV 4000	70.6	87.7	88.5	89.0	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3500	70.9	88.2	89.0	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 3000	72.0	89.7	90.6	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
IV 2500	73.0	91.2	92.2	92.9	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 2000	74.2	93.4	94.5	95.2	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1800	74.3	93.6	94.8	95.6	96.2	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1500	74.8	94.5	95.7	96.5	97.3	97.3	97.5	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	75.5	95.3	96.6	97.6	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	75.7	95.8	97.1	98.2	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	75.7	95.8	97.2	98.2	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 800	75.7	95.9	97.2	98.3	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	75.7	95.9	97.2	98.3	99.1	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 600	75.7	95.9	97.2	98.3	99.2	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	75.7	95.9	97.3	98.4	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 400	75.7	95.9	97.3	98.4	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	75.7	95.9	97.3	98.4	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	75.7	95.9	97.3	98.4	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	75.7	95.9	97.3	98.4	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	75.7	95.9	97.3	98.4	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2926

REF ID: A66000

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
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	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	43.5	54.2	54.8	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 20000	57.7	71.8	72.7	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 18000	57.9	72.1	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
IV 16000	58.1	72.5	73.3	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 14000	59.4	74.4	75.2	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 12000	62.0	78.0	78.9	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 10000	64.9	81.8	82.7	83.3	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 9000	65.5	82.7	83.5	84.2	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 8000	66.9	84.7	85.7	86.6	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 7000	67.5	85.6	86.7	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 6000	67.8	86.0	87.0	87.9	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 5000	68.0	86.5	87.6	88.5	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 4500	68.1	86.7	87.8	88.7	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 4000	68.7	87.9	89.1	90.0	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 3500	68.9	88.3	89.5	90.4	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 3000	69.6	89.9	91.1	92.1	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2500	70.4	91.3	92.7	93.7	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2000	71.8	93.4	94.9	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	71.8	93.4	94.9	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1500	72.6	94.5	96.1	97.2	97.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1200	73.1	95.1	96.7	97.9	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	73.2	95.5	97.3	98.6	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	73.2	95.5	97.3	98.6	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	73.2	95.6	97.3	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	73.2	95.6	97.3	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	73.2	95.6	97.4	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	73.2	95.6	97.4	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	73.2	95.6	97.4	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	73.2	95.6	97.4	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	73.2	95.6	97.4	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	73.2	95.6	97.4	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	73.3	95.6	97.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2918

2025 RELEASE UNDER E.O. 14176

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
LOCAL (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NC CEILING	53.8	68.6	69.4	70.0	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 20000	61.8	78.8	79.6	80.3	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 18000	61.8	79.0	79.7	80.4	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 16000	62.0	79.2	80.0	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 14000	62.7	80.4	81.2	81.8	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 12000	64.3	82.6	83.4	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 10000	66.0	85.3	86.2	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 9000	66.2	85.6	86.5	87.4	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 8000	66.7	86.8	87.6	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 7000	67.4	87.8	88.6	89.6	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 6000	67.7	88.1	89.0	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 5000	67.8	88.5	89.4	90.4	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4500	68.2	88.9	89.8	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 4000	68.5	89.4	90.3	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3500	68.6	89.7	90.7	91.8	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3000	69.2	91.0	92.0	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 2500	69.7	92.2	93.2	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2000	70.6	93.9	95.0	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	70.7	94.1	95.2	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	71.3	95.3	96.5	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	71.6	95.9	97.2	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	71.7	96.1	97.5	98.9	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	71.7	96.1	97.5	98.9	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	71.7	96.1	97.5	98.9	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	71.7	96.1	97.5	98.9	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	71.7	96.1	97.5	98.9	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	71.7	96.1	97.5	98.9	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	71.7	96.2	97.5	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	71.7	96.2	97.5	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	71.7	96.2	97.5	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	71.7	96.2	97.5	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	71.7	96.2	97.5	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2500

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-65, 73-74
YEARS

JUL
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	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	56.5	72.9	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 20000	61.8	80.2	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 18000	61.8	80.3	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 16000	61.9	80.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 14000	63.2	82.4	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 12000	65.2	85.0	85.6	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 10000	66.8	87.7	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 9000	67.1	88.1	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	89.1
IV 8000	67.9	89.5	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 7000	68.4	90.7	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 6000	68.5	90.8	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 5000	68.7	91.2	92.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 4500	68.9	91.5	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 4000	69.2	91.9	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 3500	69.3	92.2	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 3000	69.5	92.7	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 2500	70.8	94.4	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2000	71.7	96.3	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800	71.7	96.5	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	71.9	97.0	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	72.0	97.2	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	72.2	97.4	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	72.2	97.4	98.6	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	72.2	97.4	98.6	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	72.2	97.4	98.6	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	72.2	97.4	98.6	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 50	72.2	97.4	98.6	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	72.2	97.4	98.6	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	72.2	97.5	98.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	72.2	97.5	98.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	72.2	97.5	98.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	72.2	97.5	98.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2361

MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI 42-65,67-74 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	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	46.0	64.4	65.9	66.7	67.2	67.2	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 20000	52.2	72.9	74.7	75.5	76.1	76.2	76.4	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8
IV 18000	52.3	73.1	74.8	75.7	76.3	76.4	76.6	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0
IV 16000	52.5	73.3	75.1	75.9	76.5	76.6	76.8	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2
IV 14000	53.7	75.0	76.8	77.7	78.2	78.3	78.5	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 12000	55.9	77.8	79.7	80.6	81.2	81.3	81.5	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 10000	58.7	81.8	83.8	84.7	85.4	85.4	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 9000	59.2	82.4	84.5	85.4	86.0	86.1	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 8000	60.1	84.1	86.2	87.3	87.9	88.0	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 7000	60.6	85.1	87.4	88.5	89.1	89.2	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9
IV 6000	60.7	85.2	87.5	88.6	89.2	89.3	89.5	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 5000	60.9	85.5	87.8	88.9	89.5	89.6	89.8	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 4500	61.0	85.6	88.0	89.1	89.7	89.8	90.0	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5
IV 4000	61.2	86.1	88.4	89.5	90.1	90.2	90.4	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 3500	61.4	86.6	89.0	90.1	90.7	90.8	91.0	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5
IV 3000	61.9	87.6	90.0	91.2	91.8	91.9	92.1	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2500	63.1	89.6	92.0	93.1	93.7	93.8	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000	64.3	91.7	94.3	95.5	96.2	96.2	96.5	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
IV 1800	64.5	92.0	94.6	95.9	96.5	96.6	96.8	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 500	64.7	92.7	95.3	96.6	97.3	97.4	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	64.8	93.0	95.6	97.0	97.7	97.8	98.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	64.9	93.1	95.7	97.3	98.0	98.1	98.3	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 900	64.9	93.2	95.9	97.4	98.2	98.3	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	64.9	93.2	95.9	97.5	98.3	98.4	98.6	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	64.9	93.4	96.1	97.6	98.5	98.5	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	64.9	93.4	96.1	97.6	98.5	98.5	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	64.9	93.5	96.2	97.8	98.6	98.7	99.0	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 400	64.9	93.6	96.3	97.8	98.7	98.8	99.1	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 300	64.9	93.6	96.3	97.9	98.8	98.9	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	64.9	93.6	96.3	97.9	98.8	98.9	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	64.9	93.6	96.3	97.9	98.8	98.9	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	64.9	93.6	96.3	97.9	98.8	98.9	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2734

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13020
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.3	52.0	53.4	53.8	54.3	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 20000	50.1	64.3	65.7	66.4	67.1	67.2	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 18000	50.4	64.5	65.9	66.6	67.3	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 16000	50.8	65.0	66.4	67.0	67.7	67.9	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 14000	52.3	66.9	68.4	69.0	69.8	69.9	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 12000	56.4	71.8	73.2	73.9	74.7	74.8	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 10000	60.5	77.5	79.3	80.0	80.9	81.0	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 9000	61.5	78.8	80.6	81.3	82.2	82.3	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 8000	63.0	81.5	83.3	84.1	85.0	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 7000	63.8	82.5	84.4	85.2	86.1	86.2	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 6000	63.9	82.8	84.7	85.5	86.4	86.5	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 5000	64.3	83.4	85.4	86.2	87.2	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 4500	64.3	83.5	85.5	86.3	87.3	87.4	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 4000	64.7	84.1	86.2	87.1	88.0	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 3500	65.0	84.6	86.7	87.6	88.6	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	65.7	85.9	88.1	89.0	90.0	90.2	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	67.2	88.0	90.3	91.4	92.5	92.7	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2000	68.7	90.1	92.4	93.7	94.9	95.0	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1800	68.8	90.2	92.6	93.8	95.0	95.2	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 1500	69.3	91.2	93.6	94.9	96.1	96.3	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1200	69.7	91.7	94.2	95.5	96.7	96.9	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1000	69.7	92.0	94.5	95.9	97.1	97.3	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	69.8	92.0	94.6	96.0	97.2	97.4	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	69.9	92.4	94.9	96.4	97.7	97.9	98.3	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	69.9	92.4	95.0	96.5	97.8	98.0	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	70.0	92.6	95.1	96.7	98.1	98.3	98.7	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 500	70.0	92.6	95.2	96.9	98.3	98.5	99.0	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	70.0	92.7	95.3	96.9	98.4	98.6	99.0	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 300	70.1	92.7	95.3	97.0	98.5	98.8	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	70.1	92.7	95.3	97.0	98.5	98.8	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	70.1	92.7	95.3	97.0	98.5	98.8	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	70.1	92.7	95.3	97.0	98.5	98.8	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3069

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.0	50.9	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 20000	54.3	65.1	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 18000	54.5	65.4	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 16000	55.2	66.1	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 14000	56.5	67.8	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 12000	59.6	71.7	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 10000	63.6	77.3	77.9	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
IV 9000	64.2	78.2	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 8000	65.7	80.6	81.3	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
IV 7000	66.5	81.7	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 6000	66.8	82.1	82.8	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 5000	67.1	82.7	83.5	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4500	67.1	82.8	83.5	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 4000	67.4	83.3	84.1	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 3500	68.1	84.1	84.9	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 3000	69.8	86.3	87.0	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2500	72.5	89.0	90.6	91.5	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2000	74.7	93.0	93.8	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
IV 1800	74.9	93.3	94.2	95.1	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
IV 1500	75.9	94.8	95.8	96.8	96.9	97.0	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	76.3	95.4	96.5	97.5	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	76.5	95.8	97.0	98.1	98.3	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	76.6	96.0	97.1	98.2	98.5	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 800	76.6	96.2	97.4	98.5	98.8	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	76.6	96.2	97.4	98.5	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
IV 600	76.6	96.3	97.5	98.7	99.0	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 500	76.6	96.3	97.5	98.7	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
IV 400	76.6	96.3	97.5	98.7	99.1	99.2	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	76.6	96.3	97.5	98.7	99.1	99.2	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	76.6	96.3	97.5	98.7	99.1	99.2	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	76.6	96.3	97.5	98.7	99.1	99.2	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	76.6	96.3	97.5	98.7	99.1	99.2	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3080

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
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	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	39.7	46.6	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 20000	55.6	65.3	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 18000	55.9	65.7	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 16000	56.2	66.0	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 14000	57.9	67.9	68.6	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 12000	60.6	71.4	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 10000	64.1	76.6	77.5	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 9000	64.7	77.6	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 8000	66.2	79.9	81.0	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 7000	67.3	81.4	82.5	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 6000	67.4	81.7	82.9	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 5000	67.5	82.2	83.3	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4500	67.7	82.3	83.5	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4000	68.0	83.0	84.2	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
IV 3500	68.7	84.1	85.3	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 3000	70.5	86.5	87.8	88.6	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 2500	73.0	90.5	91.9	92.9	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2000	74.6	93.1	94.7	95.8	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
IV 1800	74.8	93.5	95.1	96.2	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1500	75.4	94.6	96.3	97.5	98.0	98.0	98.2	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IV 1200	75.5	94.7	96.5	97.6	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
IV 1000	75.5	94.8	96.6	97.8	98.4	98.4	98.5	98.7	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0
IV 900	75.5	94.8	96.6	97.8	98.5	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1
IV 800	75.6	94.9	96.8	98.0	98.7	98.7	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4
IV 700	75.6	95.0	96.9	98.1	98.8	98.8	99.1	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
IV 600	75.6	95.0	96.9	98.1	98.8	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 500	75.6	95.1	97.0	98.2	98.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8
IV 400	75.6	95.1	97.0	98.2	98.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8
IV 300	75.6	95.1	97.0	98.2	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9
IV 200	75.6	95.1	97.0	98.2	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9
IV 100	75.6	95.1	97.0	98.2	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9
IV 0	75.6	95.1	97.0	98.2	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 3115

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUL

STATION

STATION NAME

YEARS

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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.4	37.0	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	52.9	62.7	63.4	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 18000	53.0	62.9	63.6	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 16000	53.6	63.6	64.3	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 14000	55.7	66.3	67.0	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 12000	59.0	70.6	71.3	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 10000	63.3	76.7	77.6	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 9000	64.4	78.1	79.0	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 8000	66.8	81.9	82.8	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 7000	68.2	83.9	84.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 6000	68.5	84.7	85.8	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 5000	68.8	85.4	86.5	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 4500	69.0	85.8	86.9	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4000	69.4	86.5	87.7	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 3500	70.0	87.5	88.7	89.2	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3000	70.7	88.8	90.1	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500	72.5	91.6	92.9	93.6	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 2000	73.4	93.7	95.0	95.9	96.7	96.8	97.0	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	73.6	93.9	95.4	96.3	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
IV 1500	73.8	94.6	96.1	97.1	97.9	98.0	98.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	73.9	94.9	96.5	97.5	98.4	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	73.9	95.1	96.7	97.7	98.6	98.7	99.0	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4
IV 900	74.0	95.1	96.7	97.8	98.7	98.8	99.1	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5
IV 800	74.0	95.2	96.8	97.9	98.8	98.9	99.2	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7
IV 700	74.0	95.2	96.8	97.9	98.8	98.9	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	74.0	95.2	96.8	98.0	98.8	99.0	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
IV 500	74.0	95.2	96.9	98.0	98.9	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 400	74.0	95.2	96.9	98.0	98.9	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 300	74.0	95.3	96.9	98.0	98.9	99.0	99.4	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	74.0	95.3	96.9	98.0	98.9	99.0	99.4	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	74.0	95.3	96.9	98.0	98.9	99.0	99.4	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	74.0	95.3	96.9	98.0	98.9	99.0	99.4	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3137

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.5	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 20000	53.9	66.4	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 18000	54.2	66.8	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	67.8
IV 16000	54.4	67.1	67.9	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 14000	56.0	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
IV 12000	59.9	74.2	75.1	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
IV 10000	64.9	80.6	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 9000	66.0	82.1	83.1	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
IV 8000	67.8	85.4	86.4	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 7000	69.2	87.7	88.7	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 6000	69.7	88.3	89.3	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 5000	70.3	89.2	90.3	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4500	70.4	89.6	90.7	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
IV 4000	70.9	90.5	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3500	71.1	90.9	92.1	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3000	71.6	92.2	93.5	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
IV 2500	72.3	93.5	94.9	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2000	73.1	94.9	96.6	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	73.1	95.0	96.7	97.5	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1
IV 1500	73.5	95.6	97.4	98.2	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	73.6	95.8	97.5	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
IV 1000	73.6	96.2	98.0	98.9	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	73.6	96.2	98.1	99.0	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	73.7	96.2	98.1	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	73.7	96.2	98.1	99.0	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	73.7	96.2	98.1	99.0	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	73.7	96.3	98.1	99.0	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 400	73.7	96.3	98.2	99.1	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	73.7	96.3	98.2	99.1	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	73.7	96.3	98.2	99.1	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	73.7	96.3	98.2	99.1	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	73.7	96.3	98.2	99.1	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3056

MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.5	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 20000	60.9	78.5	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 18000	60.9	78.6	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 16000	61.0	78.8	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 14000	62.0	80.4	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 12000	64.6	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 10000	67.3	88.3	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 9000	67.7	89.2	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 8000	68.2	90.5	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 7000	68.9	91.7	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 6000	69.1	92.1	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 5000	69.6	92.6	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 4500	69.6	92.8	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 4000	70.0	93.4	93.9	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
IV 3500	70.0	93.6	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 3000	70.6	94.6	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2500	71.1	95.7	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2000	71.9	97.0	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1800	72.0	97.1	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	72.1	97.6	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	72.1	97.9	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	72.1	98.1	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	72.1	98.2	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	72.1	98.2	98.9	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	72.1	98.2	98.9	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	72.1	98.2	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	72.1	98.2	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	72.1	98.2	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	72.1	98.2	99.0	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	72.1	98.2	99.0	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	72.1	98.2	99.0	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	72.1	98.2	99.0	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2664

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-65,69,73-74 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	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.9	77.7	78.2	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 20000	62.3	85.4	85.9	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 18000	62.3	85.5	86.0	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 16000	62.4	85.7	86.2	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 14000	63.1	86.8	87.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 12000	64.1	88.4	88.9	89.3	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 10000	65.0	90.3	90.8	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 9000	65.0	90.7	91.2	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 8000	65.7	92.0	92.5	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 7000	65.8	92.2	92.8	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 6000	65.9	92.5	93.2	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 5000	66.1	92.8	93.5	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 4500	66.0	92.8	93.5	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 4000	66.2	93.1	93.8	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
IV 3500	66.2	93.4	94.1	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 3000	66.6	93.9	94.6	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
IV 2500	66.9	94.7	95.5	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 2000	67.4	95.8	96.7	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	67.5	96.0	97.0	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	67.8	96.6	97.6	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	68.1	97.0	98.0	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	68.2	97.2	98.3	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	68.2	97.2	98.3	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	68.2	97.2	98.3	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	68.2	97.2	98.3	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	68.2	97.2	98.3	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	68.2	97.3	98.3	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
IV 400	68.3	97.4	98.4	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8
IV 300	68.3	97.4	98.4	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0
IV 200	68.3	97.4	98.4	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0
IV 100	68.3	97.4	98.4	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0
IV 0	68.3	97.4	98.4	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2464

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-65,67-74
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	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.8	69.1	70.7	71.2	71.8	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
≥ 20000	52.5	77.3	79.1	79.8	80.5	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 18000	52.5	77.3	79.1	79.8	80.5	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 16000	52.8	77.7	79.5	80.2	80.9	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
IV 14000	53.7	79.0	80.8	81.5	82.3	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 12000	55.3	81.4	83.3	84.0	84.7	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 10000	56.8	83.9	85.8	86.6	87.3	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 9000	57.0	84.6	86.5	87.3	88.0	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 8000	57.9	86.2	88.1	89.0	89.7	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 7000	58.3	86.8	88.8	89.7	90.4	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 6000	58.3	87.1	89.0	89.9	90.7	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
IV 5000	58.5	87.5	89.4	90.4	91.1	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 4500	58.5	87.6	89.6	90.5	91.2	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4000	58.7	88.1	90.1	91.1	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
IV 3500	59.0	88.6	90.7	91.7	92.5	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
IV 3000	59.2	89.1	91.4	92.3	93.1	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2500	59.6	90.2	92.6	93.6	94.5	94.6	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000	60.4	92.2	94.8	95.9	96.8	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
IV 1800	60.5	92.5	95.1	96.2	97.1	97.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	60.8	93.1	95.8	97.0	97.9	98.0	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 1200	60.9	93.2	96.0	97.1	98.1	98.2	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
IV 1000	60.9	93.4	96.1	97.4	98.4	98.5	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	61.0	93.5	96.2	97.5	98.5	98.6	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 800	61.0	93.6	96.3	97.5	98.5	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
IV 700	61.1	93.6	96.4	97.6	98.6	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
IV 600	61.1	93.6	96.4	97.6	98.6	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 500	61.1	93.7	96.4	97.6	98.6	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 400	61.1	93.7	96.4	97.6	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 300	61.1	93.7	96.4	97.6	98.7	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	61.1	93.7	96.4	97.6	98.7	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
IV 100	61.1	93.7	96.4	97.6	98.7	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
IV 0	61.1	93.7	96.4	97.7	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2796

22
 MORE BUSINESS FORMS INC
 SPEEDY

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXT
STATION NAME

42-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.7	55.4	57.3	58.6	59.3	59.4	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 20000	50.7	67.8	70.1	71.7	72.4	72.6	72.8	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1
IV 18000	50.8	68.0	70.2	71.8	72.5	72.7	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 16000	51.2	68.6	70.8	72.4	73.2	73.3	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9
IV 14000	52.9	70.9	73.2	74.8	75.6	75.8	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 12000	55.9	74.8	77.3	78.9	79.7	80.0	80.2	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5
IV 10000	58.0	78.0	80.8	82.5	83.3	83.6	83.7	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
IV 9000	58.5	78.8	81.6	83.4	84.2	84.5	84.7	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 8000	60.0	81.4	84.3	86.2	87.1	87.4	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 7000	60.5	82.4	85.4	87.2	88.2	88.5	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1
IV 6000	60.7	82.8	85.8	87.7	88.6	88.9	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5
IV 5000	60.9	83.5	86.5	88.4	89.3	89.6	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 4500	60.9	83.6	86.6	88.5	89.5	89.8	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4
IV 4000	61.0	83.9	87.0	88.9	89.9	90.2	90.5	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8
IV 3500	61.1	84.2	87.4	89.3	90.2	90.5	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3000	61.4	84.9	88.1	90.1	91.0	91.3	91.6	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
IV 2500	62.3	86.1	89.4	91.4	92.7	93.0	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7
IV 2000	63.0	87.8	91.1	93.3	94.6	94.9	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7
IV 1800	63.1	87.9	91.3	93.5	94.8	95.1	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.9	95.9	96.0
IV 1500	63.7	88.9	92.4	94.6	95.9	96.3	96.7	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3
IV 1200	63.8	89.2	92.7	94.9	96.2	96.6	97.0	97.3	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6
IV 1000	64.1	89.6	93.1	95.5	96.8	97.2	97.6	97.9	97.9	98.0	98.1	98.1	98.2	98.3	98.3	98.3
IV 900	64.1	89.7	93.2	95.5	96.9	97.2	97.7	97.9	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.4
IV 800	64.2	89.8	93.4	95.8	97.2	97.6	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.8	98.8	98.8
IV 700	64.2	89.9	93.6	96.0	97.4	97.8	98.4	98.6	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0
IV 600	64.2	90.0	93.7	96.1	97.6	97.9	98.5	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2
IV 500	64.2	90.1	93.8	96.2	97.6	98.0	98.6	98.9	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3
IV 400	64.2	90.1	93.8	96.2	97.7	98.0	98.7	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.5
IV 300	64.2	90.1	93.8	96.3	97.8	98.2	98.9	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8
IV 200	64.2	90.1	93.9	96.3	97.9	98.3	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9
IV 100	64.2	90.1	93.9	96.3	97.9	98.3	99.0	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9
IV 0	64.2	90.1	93.9	96.3	97.9	98.3	99.0	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3103

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
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	≥ ¾	≥ ½	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	44.1	54.2	55.3	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 20000	54.9	68.1	69.3	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 18000	55.2	68.4	69.6	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 16000	55.5	68.8	70.0	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 14000	57.1	70.8	72.0	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 12000	59.5	74.4	75.7	76.3	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 10000	62.4	78.6	79.9	80.6	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 9000	62.7	79.0	80.4	81.1	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6
IV 8000	63.9	81.5	83.1	83.8	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 7000	64.4	82.3	83.8	84.5	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1
IV 6000	64.4	82.5	84.2	85.0	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 5000	64.6	83.0	84.7	85.4	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0
IV 4500	64.7	83.2	84.9	85.7	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3
IV 4000	64.9	83.6	85.4	86.2	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 3500	65.3	84.1	85.9	86.7	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3
IV 3000	66.5	85.7	87.5	88.3	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 2500	69.0	89.0	90.8	91.7	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2000	70.9	91.6	93.5	94.5	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6
IV 1800	71.0	92.1	94.0	95.0	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1
IV 1500	71.5	93.2	95.1	96.2	96.9	96.9	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4
IV 1200	71.8	93.8	95.8	96.8	97.6	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
IV 1000	71.9	94.1	96.1	97.3	98.2	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 900	71.9	94.1	96.2	97.4	98.3	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 800	71.9	94.5	96.6	97.7	98.6	98.7	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4
IV 700	71.9	94.5	96.6	97.8	98.7	98.8	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 600	71.9	94.5	96.7	97.9	98.8	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 500	72.0	94.7	96.8	98.1	99.0	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 400	72.1	94.7	96.9	98.1	99.1	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	72.1	94.7	96.9	98.1	99.1	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	72.1	94.7	96.9	98.1	99.1	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	72.1	94.7	96.9	98.1	99.1	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	72.1	94.7	96.9	98.1	99.1	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3110

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13020 STATION KEESLER AFB MISSISSIPPI/BILUXTI 42-74 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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.6	50.4	51.5	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	56.8	66.6	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 18000	57.0	68.8	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 16000	57.1	69.2	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 14000	58.2	70.5	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 12000	60.5	73.9	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 10000	63.1	77.7	79.3	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 9000	63.6	78.5	80.0	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 8000	64.7	80.7	82.3	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 7000	65.2	81.4	83.0	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 6000	65.3	81.8	83.4	83.8	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 5000	65.6	82.3	84.0	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4500	65.8	82.6	84.5	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 4000	66.0	83.1	84.7	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 3500	66.4	83.7	85.5	86.0	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 3000	67.9	85.9	87.7	88.3	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
IV 2500	70.0	89.3	91.4	92.0	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9
IV 2000	71.3	92.0	94.3	95.1	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.2
IV 1800	71.4	92.2	94.5	95.3	96.0	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.5	96.5	96.5	96.5
IV 1500	71.8	93.2	95.5	96.5	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7
IV 1200	71.9	93.3	95.7	96.7	97.5	97.5	97.7	97.8	97.8	97.9	98.0	98.0	98.2	98.2	98.2	98.2
IV 1000	72.0	93.7	96.1	97.1	98.1	98.1	98.3	98.4	98.4	98.5	98.6	98.6	98.9	98.9	98.9	98.9
IV 900	72.0	93.7	96.1	97.1	98.1	98.1	98.3	98.4	98.4	98.5	98.6	98.6	98.9	98.9	98.9	98.9
IV 800	72.0	94.0	96.4	97.5	98.4	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.3	99.3	99.3	99.3
IV 700	72.0	94.1	96.5	97.5	98.6	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.4	99.4	99.4	99.4
IV 600	72.0	94.1	96.6	97.6	98.7	98.8	98.9	99.0	99.1	99.1	99.3	99.3	99.6	99.6	99.6	99.6
IV 500	72.0	94.2	96.6	97.6	98.7	98.8	99.0	99.1	99.1	99.3	99.4	99.4	99.7	99.7	99.8	99.8
IV 400	72.0	94.2	96.6	97.7	98.8	98.8	99.0	99.1	99.2	99.3	99.5	99.5	99.8	99.8	99.8	99.9
IV 300	72.0	94.2	96.6	97.7	98.8	98.8	99.0	99.1	99.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9
IV 200	72.0	94.2	96.6	97.7	98.8	98.9	99.1	99.2	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0
IV 100	72.0	94.2	96.6	97.7	98.8	98.9	99.1	99.2	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0
IV 0	72.0	94.2	96.6	97.7	98.8	98.9	99.1	99.2	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3141

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILGX
STATION NAME

42-74
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	38.5	46.3	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	
≥ 20000	54.6	67.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	
IV 18000	54.8	67.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
IV 16000	55.4	68.5	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	
IV 14000	56.6	70.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
IV 12000	59.1	74.1	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
IV 10000	62.4	78.8	80.3	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	
IV 9000	63.0	79.6	81.1	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
IV 8000	65.0	83.1	84.8	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	
IV 7000	65.7	84.3	86.2	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
IV 6000	66.3	85.1	87.0	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	
IV 5000	66.7	85.7	87.7	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
IV 4500	66.9	86.0	88.0	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
IV 4000	67.3	86.8	88.8	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	
IV 3500	67.5	87.1	89.2	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
IV 3000	67.9	88.6	90.7	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
IV 2500	69.4	90.9	93.2	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
IV 2000	69.9	92.6	95.1	96.0	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	
IV 1800	70.1	92.9	95.4	96.3	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	
IV 1500	70.5	93.6	96.1	97.2	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	
IV 1200	70.7	93.9	96.4	97.5	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	
IV 1000	70.8	94.1	96.7	97.8	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	
IV 900	70.8	94.1	96.7	97.8	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	
IV 800	70.8	94.3	96.8	98.0	98.9	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	
IV 700	70.8	94.3	96.9	98.1	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	
IV 600	70.8	94.3	96.9	98.1	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	
IV 500	70.8	94.3	97.0	98.2	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	
IV 400	70.6	94.3	97.0	98.2	99.2	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	
IV 300	70.8	94.3	97.0	98.2	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	
IV 200	70.8	94.3	97.0	98.2	99.3	99.3	99.5	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	
IV 100	70.8	94.3	97.0	98.2	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	
IV 0	70.8	94.3	97.0	98.2	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS. 3100

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (ZT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.7	48.5	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 20000	54.1	69.4	70.6	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 18000	54.4	69.8	71.0	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 16000	54.6	70.2	71.4	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1
IV 14000	55.9	71.9	73.1	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8
IV 12000	58.4	75.8	77.2	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 10000	62.6	82.1	83.5	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
IV 9000	63.3	83.0	84.5	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 8000	65.3	86.3	88.0	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 7000	66.0	87.4	89.2	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 5000	66.3	88.0	89.8	90.5	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 5000	66.6	88.7	90.5	91.2	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 4500	66.8	88.8	90.7	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4000	67.1	89.4	91.2	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4
IV 3500	67.4	89.9	91.7	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9
IV 3000	68.3	91.3	93.2	94.0	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 2500	69.0	92.4	94.6	95.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2000	69.3	93.5	95.9	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
IV 1800	69.5	93.7	96.1	97.1	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500	69.5	94.3	96.7	97.7	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
IV 1500	69.7	94.5	97.0	98.1	98.5	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	69.7	94.8	97.4	98.6	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	69.8	94.8	97.5	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 800	69.8	94.8	97.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV 700	69.8	94.8	97.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 600	69.8	94.9	97.5	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8
IV 500	69.8	94.9	97.5	98.9	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
IV 400	69.8	94.9	97.5	98.9	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
IV 300	69.8	94.9	97.6	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
IV 200	69.8	94.9	97.6	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
IV 100	69.8	94.9	97.6	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 0	69.8	94.9	97.6	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 3084

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
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	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	51.0	67.2	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 200	60.5	80.3	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 18000	60.7	80.6	81.5	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
IV 16000	60.9	80.9	81.8	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
IV 14000	61.8	82.8	83.8	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
IV 12000	62.9	85.3	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 10000	65.3	89.4	90.4	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 9000	65.7	90.3	90.4	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 8000	66.7	91.7	93.0	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 7000	67.0	92.5	93.8	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 6000	67.1	92.8	94.1	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 5000	67.4	93.3	94.6	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 4500	67.5	93.5	94.8	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 4000	67.9	94.0	95.4	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 3500	68.0	94.3	95.7	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 3000	68.1	94.7	96.1	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2500	68.5	95.6	97.1	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 2000	68.8	96.2	97.8	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1800	68.8	96.3	97.8	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	69.0	96.6	98.1	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	69.1	96.7	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	69.2	96.8	98.4	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	69.2	96.9	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	69.2	96.9	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	69.2	96.9	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 600	69.3	97.0	98.6	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	69.3	97.0	98.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 400	69.3	97.0	98.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	69.3	97.0	98.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	69.3	97.0	98.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	69.3	97.0	98.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	69.3	97.0	98.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2696

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-65, 69, 71, 73-74

SEP

STATION

STATION NAME

YEARS

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	¾	¾	≥5/16	¼	≥0
NO CEILING	45.2	68.2	67.7	69.0	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4
≥ 20000	48.0	72.7	73.2	73.5	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0
≥ 18000	48.2	72.3	73.4	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1
≥ 16000	48.2	73.0	73.6	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3
≥ 14000	48.3	73.9	74.5	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2
≥ 12000	49.7	76.9	77.6	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3
≥ 10000	50.6	79.2	79.9	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6
≥ 9000	50.9	79.8	80.4	80.8	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3
≥ 8000	51.6	81.4	82.0	82.4	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9
≥ 7000	52.3	83.0	83.6	84.0	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	52.4	83.2	83.9	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7
≥ 5000	52.6	83.6	84.3	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 4000	52.9	83.9	84.7	85.2	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
≥ 3500	53.1	84.3	85.1	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 3000	53.5	84.9	85.7	86.2	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 2500	54.1	86.5	87.3	87.9	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5
≥ 2000	54.6	88.2	89.1	89.7	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	55.1	90.3	91.5	92.2	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 1000	55.2	90.7	91.9	92.7	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 800	55.5	91.9	93.3	94.1	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 700	55.9	93.0	94.4	95.3	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 600	56.1	93.7	95.2	96.3	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 500	56.2	93.8	95.3	96.4	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 400	56.3	94.0	95.5	96.8	97.4	97.4	97.8	97.8	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.1
≥ 300	56.4	94.4	95.9	97.1	97.9	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 200	56.4	94.6	96.1	97.5	98.4	98.4	98.8	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 100	56.4	94.8	96.3	97.8	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 0	56.4	94.9	96.4	98.0	99.0	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
0	56.4	95.0	96.5	98.0	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
0	56.4	95.0	96.5	98.0	99.1	99.1	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	56.4	95.0	96.5	98.0	99.1	99.1	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2221

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-65,67-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5-16	≥¼	≥0	
NO CEILING	41.0	63.5	65.0	66.2	66.7	66.7	66.9	67.0	67.0	67.3	67.4	67.4	67.5	67.6	67.6	67.7
≥ 20000	43.5	68.1	69.7	71.0	71.5	71.5	71.7	71.8	71.8	72.1	72.2	72.2	72.3	72.3	72.4	72.5
≥ 18000	43.5	68.2	69.8	71.0	71.6	71.6	71.8	71.9	71.9	72.2	72.3	72.3	72.4	72.5	72.5	72.6
≥ 16000	43.6	68.4	70.0	71.3	71.8	71.8	72.0	72.2	72.2	72.5	72.5	72.5	72.6	72.7	72.8	72.9
≥ 14000	44.1	69.2	70.6	72.1	72.6	72.7	72.9	73.0	73.0	73.3	73.4	73.4	73.5	73.6	73.6	73.7
≥ 12000	45.3	72.0	73.6	74.9	75.5	75.5	75.7	75.8	75.8	76.1	76.2	76.2	76.3	76.4	76.5	76.6
≥ 10000	45.8	73.2	75.6	77.1	77.6	77.7	77.9	78.0	78.0	78.3	78.4	78.4	78.5	78.6	78.7	78.8
≥ 9000	46.3	74.8	76.5	77.9	78.5	78.5	78.8	78.9	78.9	79.2	79.3	79.3	79.4	79.5	79.6	79.7
≥ 8000	47.2	76.3	78.1	79.6	80.2	80.2	80.5	80.6	80.6	80.9	81.0	81.0	81.1	81.2	81.3	81.4
≥ 7000	47.5	77.8	79.6	81.1	81.7	81.8	82.0	82.1	82.1	82.4	82.5	82.5	82.7	82.8	82.8	82.9
≥ 6000	47.6	78.0	79.9	81.4	82.0	82.0	82.3	82.4	82.4	82.7	82.8	82.8	82.9	83.0	83.1	83.2
≥ 5000	47.9	78.7	80.6	82.1	82.8	82.8	83.1	83.2	83.2	83.6	83.7	83.7	83.8	83.9	84.0	84.1
≥ 4500	48.1	79.0	80.8	82.3	83.0	83.1	83.4	83.5	83.5	83.8	83.9	83.9	84.0	84.1	84.2	84.3
≥ 4000	48.4	79.6	81.5	83.0	83.7	83.7	84.0	84.2	84.2	84.5	84.6	84.6	84.7	84.8	84.9	85.0
≥ 3500	48.6	80.1	82.0	83.5	84.2	84.2	84.5	84.7	84.7	85.0	85.1	85.1	85.2	85.3	85.4	85.5
≥ 3000	49.0	81.2	83.1	84.7	85.4	85.4	85.7	85.8	85.8	86.2	86.2	86.2	86.4	86.5	86.6	86.7
≥ 2500	49.7	83.0	85.0	86.8	87.7	87.8	88.1	88.2	88.2	88.5	88.6	88.6	88.8	88.8	88.9	89.0
≥ 2000	50.4	85.2	87.4	89.2	90.3	90.3	90.7	90.8	90.8	91.3	91.4	91.4	91.6	91.6	91.7	91.8
≥ 1800	50.5	85.7	87.9	89.7	90.8	90.8	91.2	91.3	91.3	91.8	91.9	91.9	92.1	92.1	92.2	92.3
≥ 1500	51.1	87.1	89.4	91.3	92.4	92.5	92.8	93.0	93.0	93.5	93.6	93.6	93.8	93.8	93.9	94.0
≥ 1200	51.5	87.9	90.3	92.3	93.4	93.5	93.8	94.0	94.0	94.6	94.6	94.6	94.8	94.9	94.9	95.1
≥ 1000	51.7	88.5	90.9	93.0	94.2	94.3	94.6	94.8	94.8	95.4	95.4	95.4	95.7	95.8	95.9	96.0
≥ 900	51.8	88.6	91.0	93.2	94.5	94.5	94.9	95.1	95.1	95.6	95.7	95.7	96.0	96.0	96.1	96.2
≥ 800	51.9	88.8	91.3	93.6	94.9	95.0	95.4	95.6	95.6	96.2	96.2	96.2	96.5	96.7	96.7	96.8
≥ 700	52.0	89.2	91.7	94.1	95.4	95.5	95.9	96.1	96.1	96.7	96.8	96.8	97.1	97.2	97.3	97.4
≥ 600	52.0	89.5	92.1	94.7	96.1	96.1	96.6	96.8	96.8	97.4	97.5	97.5	97.8	97.9	98.0	98.1
≥ 500	52.0	89.7	92.3	95.0	96.5	96.5	97.0	97.2	97.2	97.8	97.9	97.9	98.3	98.4	98.5	98.6
≥ 400	52.0	89.8	92.4	95.1	96.6	96.7	97.2	97.4	97.4	98.0	98.2	98.2	98.5	98.6	98.9	99.0
≥ 300	52.1	89.9	92.6	95.3	96.8	96.8	97.4	97.6	97.7	98.3	98.4	98.4	98.8	98.9	99.1	99.2
≥ 200	52.1	89.9	92.6	95.3	96.8	96.8	97.4	97.6	97.7	98.4	98.6	98.6	99.0	99.1	99.4	99.5
≥ 100	52.1	89.9	92.6	95.3	96.8	96.8	97.4	97.7	97.7	98.6	98.7	98.7	99.2	99.3	99.7	99.8
≥ 0	52.1	89.9	92.6	95.3	96.8	96.8	97.4	97.7	97.7	98.6	98.7	98.7	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2632

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	34.8	50.9	52.8	54.5	55.6	55.8	56.2	56.4	56.4	56.6	56.7	56.7	56.8	57.0	57.2	57.2
≥ 20000	38.9	57.8	60.0	61.8	63.1	63.3	63.7	64.0	64.0	64.1	64.3	64.3	64.4	64.6	64.8	64.8
IV 18000	39.0	57.9	60.1	62.0	63.3	63.4	63.9	64.1	64.2	64.3	64.4	64.4	64.6	64.7	65.0	65.1
IV 16000	39.0	58.2	60.4	62.2	63.5	63.7	64.2	64.4	64.4	64.6	64.7	64.7	64.8	65.0	65.3	65.4
IV 14000	39.9	59.3	61.6	63.5	64.8	65.0	65.5	65.7	65.8	65.9	66.0	66.0	66.2	66.3	66.6	66.7
IV 12000	41.6	62.5	64.9	66.9	68.5	68.8	69.4	69.6	69.6	69.8	69.9	69.9	70.0	70.2	70.4	70.5
IV 10000	43.4	66.0	68.7	71.0	72.7	73.0	73.6	73.8	74.5	74.7	74.8	74.9	75.1	75.1	75.4	75.8
IV 9000	43.7	66.8	69.5	71.8	73.6	73.8	74.5	74.7	74.8	74.9	75.1	75.1	75.2	75.4	75.7	75.8
IV 8000	44.8	68.9	71.7	74.1	76.0	76.3	77.0	77.2	77.3	77.4	77.6	77.6	77.7	77.9	78.2	78.3
IV 7000	45.5	70.3	73.3	75.8	77.7	78.0	78.7	79.0	79.0	79.2	79.3	79.3	79.3	79.5	79.6	80.0
IV 6000	45.8	70.8	73.8	76.3	78.3	78.6	79.3	79.6	79.6	79.8	80.0	80.0	80.1	80.3	80.6	80.7
IV 5000	46.2	71.4	74.4	77.0	79.0	79.3	80.0	80.2	80.3	80.5	80.6	80.6	80.8	80.9	81.2	81.3
IV 4500	46.4	71.7	74.7	77.3	79.2	79.5	80.3	80.5	80.5	80.7	80.9	80.9	81.0	81.2	81.5	81.6
IV 4000	46.6	72.2	75.2	77.8	79.8	80.1	80.9	81.1	81.1	81.3	81.5	81.5	81.6	81.8	82.1	82.2
IV 3500	46.9	72.8	75.8	78.6	80.7	81.0	81.7	82.0	82.0	82.2	82.4	82.4	82.5	82.7	83.0	83.1
IV 3000	47.3	73.6	76.7	79.6	81.7	82.0	82.9	83.1	83.2	83.4	83.5	83.5	83.7	83.8	84.1	84.2
IV 2500	48.3	75.3	78.5	81.5	83.9	84.2	85.0	85.3	85.3	85.5	85.7	85.7	85.8	86.0	86.3	86.4
IV 2000	49.6	77.4	80.8	83.9	86.5	86.8	87.7	88.0	88.1	88.3	88.5	88.5	88.7	88.9	89.1	89.2
IV 1800	49.7	77.6	81.1	84.2	86.9	87.2	88.1	88.4	88.5	88.8	89.0	89.0	89.1	89.3	89.6	89.7
IV 1500	50.2	78.8	82.3	85.5	88.3	88.6	89.5	89.8	89.9	90.2	90.4	90.4	90.5	90.7	91.0	91.1
IV 1200	50.3	79.5	83.1	86.4	89.3	89.7	90.6	90.9	90.9	91.2	91.5	91.5	91.7	91.9	92.1	92.3
IV 1000	50.9	80.5	84.1	87.4	90.5	90.8	91.9	92.2	92.2	92.6	92.8	92.8	93.1	93.2	93.5	93.7
IV 900	51.1	80.9	84.6	87.9	91.1	91.4	92.5	92.8	92.8	93.2	93.5	93.5	93.7	93.9	94.1	94.3
IV 800	51.3	81.4	85.1	88.6	92.0	92.3	93.5	93.9	93.9	94.4	94.6	94.6	94.9	95.1	95.4	95.6
IV 700	51.5	81.9	85.6	89.1	92.6	92.9	94.2	94.6	94.6	95.1	95.4	95.4	95.7	95.8	96.1	96.3
IV 600	51.6	82.2	86.1	89.7	93.3	93.7	95.0	95.4	95.5	95.9	96.2	96.2	96.5	96.7	96.9	97.1
IV 500	51.7	82.6	86.6	90.3	94.2	94.5	95.9	96.4	96.4	97.0	97.4	97.4	97.8	97.9	98.3	98.5
IV 400	51.7	82.7	86.8	90.5	94.5	94.8	96.3	96.8	96.8	97.4	97.8	97.8	98.2	98.3	98.7	98.9
IV 300	51.7	82.8	86.8	90.5	94.5	94.9	96.4	97.0	97.0	97.7	98.1	98.1	98.5	98.6	99.0	99.3
IV 200	51.7	82.8	86.8	90.5	94.5	94.9	96.4	97.0	97.0	97.7	98.1	98.2	98.6	98.8	99.3	99.6
IV 100	51.7	82.8	86.8	90.5	94.6	94.9	96.5	97.0	97.0	97.8	98.2	98.2	98.7	99.0	99.5	99.9
IV 0	51.7	82.8	86.8	90.5	94.6	94.9	96.5	97.0	97.0	97.8	98.2	98.2	98.7	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

7947

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUJI

42-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	42.0	54.5	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	48.5	63.4	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 18000	48.7	63.6	64.2	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	48.9	64.0	64.6	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
≥ 14000	50.1	65.4	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	52.7	69.3	70.1	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000	54.8	73.3	74.5	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	55.1	73.9	75.1	75.5	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	56.6	76.5	77.5	77.9	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	57.3	77.6	78.9	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	57.7	78.1	79.4	79.9	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	57.9	78.3	79.6	80.1	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	57.9	78.3	79.7	80.2	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	58.3	79.3	80.8	81.3	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	58.5	79.8	81.3	81.8	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	59.3	80.6	82.2	82.8	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	60.7	82.6	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	62.3	85.2	86.9	87.9	88.7	88.8	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4
≥ 1800	62.5	85.6	87.3	88.3	89.2	89.2	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8
≥ 1500	63.4	87.3	89.3	90.4	91.2	91.2	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	63.8	88.4	90.5	91.7	92.6	92.6	93.3	93.3	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5
≥ 1000	64.4	89.6	91.8	93.2	94.4	94.5	95.2	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	64.7	89.9	92.3	93.7	94.9	95.0	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	64.9	90.8	93.2	94.7	96.2	96.3	97.1	97.2	97.2	97.2	97.5	97.5	97.5	97.6	97.6	97.6
≥ 700	65.0	91.1	93.4	95.0	96.5	96.6	97.4	97.6	97.6	97.6	97.9	97.9	97.9	98.0	98.0	98.0
≥ 600	65.0	91.3	93.8	95.4	97.0	97.1	98.0	98.1	98.1	98.1	98.4	98.5	98.5	98.6	98.6	98.6
≥ 500	65.1	91.5	94.1	95.8	97.5	97.6	98.6	98.8	98.8	98.8	99.2	99.3	99.3	99.5	99.5	99.6
≥ 400	65.1	91.5	94.1	95.8	97.6	97.7	98.8	99.0	99.0	99.0	99.4	99.5	99.5	99.7	99.7	99.8
≥ 300	65.1	91.5	94.1	95.8	97.7	97.7	98.9	99.1	99.1	99.1	99.5	99.6	99.6	99.8	99.8	100.0
≥ 200	65.1	91.5	94.1	95.8	97.7	97.7	98.9	99.1	99.1	99.1	99.5	99.6	99.6	99.8	99.8	100.0
≥ 100	65.1	91.5	94.1	95.8	97.7	97.7	98.9	99.1	99.1	99.1	99.5	99.6	99.6	99.8	99.8	100.0
≥ 0	65.1	91.5	94.1	95.8	97.7	97.7	98.9	99.1	99.1	99.1	99.5	99.6	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2931

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLEP AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	42.1	51.4	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
≥ 20000	52.3	64.4	64.9	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	
IV 18000	52.4	64.6	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
IV 16000	52.7	65.0	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	
IV 14000	53.1	65.8	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	
IV 12000	56.2	70.1	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
IV 10000	58.4	73.5	74.1	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
IV 9000	59.1	74.4	75.0	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
IV 8000	61.2	77.3	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	
IV 7000	61.9	78.6	79.4	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	
IV 6000	62.2	79.0	79.7	80.0	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	
IV 5000	62.4	79.4	80.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	
IV 4500	62.4	79.4	80.1	80.4	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	
IV 4000	62.8	80.3	81.2	81.5	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	
IV 3500	63.3	81.0	81.9	82.3	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	
IV 3000	64.5	82.8	83.9	84.3	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	
IV 2500	66.1	85.3	86.6	87.1	87.4	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	
IV 2000	67.8	88.2	89.6	90.2	90.7	90.8	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	
IV 1800	68.2	89.0	90.4	91.0	91.5	91.6	91.9	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	
IV 1500	69.0	90.8	92.4	93.2	93.8	93.9	94.2	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	
IV 1200	69.4	91.7	93.5	94.4	95.2	95.2	95.5	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	
IV 1000	69.6	92.5	94.4	95.4	96.3	96.3	96.8	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	
IV 900	69.7	92.8	94.7	95.7	96.6	96.7	97.1	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	
IV 800	69.8	93.1	95.1	96.2	97.1	97.2	97.6	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	
IV 700	69.8	93.3	95.3	96.4	97.4	97.4	97.9	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	
IV 600	69.8	93.5	95.5	96.6	97.8	97.9	98.5	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	
IV 500	69.8	93.5	95.5	96.7	98.0	98.1	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.5	
IV 400	69.8	93.5	95.6	96.8	98.0	98.2	98.9	99.0	99.0	99.5	99.5	99.5	99.6	99.6	99.7	
IV 300	69.8	93.6	95.7	96.9	98.2	98.4	99.1	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.9	
IV 200	69.8	93.6	95.7	96.9	98.2	98.4	99.1	99.2	99.2	99.7	99.8	99.8	99.9	99.9	100.0	
IV 100	69.8	93.6	95.7	96.9	98.2	98.4	99.1	99.2	99.2	99.7	99.8	99.8	99.9	99.9	100.0	
IV 0	69.8	93.6	95.7	96.9	98.2	98.4	99.1	99.2	99.2	99.7	99.8	99.8	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS

2936

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
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	≥½	≥5/16	≥¼	≥0	
NO CEILING	39.4	48.5	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000	52.6	65.1	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	52.8	65.3	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 16000	53.0	65.7	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	54.0	67.1	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000	56.4	70.5	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	58.8	74.4	75.2	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
≥ 9000	60.1	76.0	76.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	62.2	79.3	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	62.9	80.9	81.9	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	63.2	81.4	82.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	63.5	81.8	82.8	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
≥ 4500	63.5	82.1	83.1	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	64.2	82.9	84.0	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	64.8	83.9	84.9	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	65.9	85.4	86.5	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500	67.4	87.9	89.1	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2000	68.4	90.1	91.7	92.9	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	68.7	90.4	92.0	93.3	93.6	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	69.3	91.6	93.3	94.7	95.2	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	69.5	92.2	94.1	95.4	96.1	96.2	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	69.7	92.8	94.7	96.3	97.1	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	69.7	92.9	94.8	96.4	97.3	97.4	97.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 800	69.8	93.1	95.1	96.8	97.7	97.8	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	69.8	93.3	95.3	97.0	97.9	98.0	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	69.8	93.4	95.4	97.2	98.2	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	69.9	93.5	95.5	97.4	98.5	98.6	99.0	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥ 400	69.9	93.6	95.6	97.4	98.5	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 300	69.9	93.6	95.6	97.5	98.6	98.8	99.1	99.3	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	69.9	93.6	95.6	97.5	98.6	98.8	99.1	99.3	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	69.9	93.6	95.6	97.5	98.6	98.8	99.1	99.3	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	69.9	93.6	95.6	97.5	98.6	98.8	99.1	99.3	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2919

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

SEP

STATION

STATION NAME

YEARS

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	≥¼	≥5/16	≥¼	≥0
NO CEILING	40.9	53.5	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	51.0	67.6	68.4	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
≥ 18000	51.1	67.7	68.6	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
≥ 16000	51.2	67.9	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 14000	52.3	70.0	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
IV 12000	54.6	73.4	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 10000	56.2	76.6	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	78.1
IV 9000	56.7	77.7	78.8	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
IV 8000	58.9	81.1	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 7000	59.6	83.1	84.4	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
IV 6000	59.7	83.6	84.9	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
IV 5000	60.0	84.4	85.7	86.1	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 4500	60.1	84.6	85.8	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 4000	60.7	85.4	86.8	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 3500	60.9	85.6	87.2	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 3000	61.6	87.0	88.4	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 2500	62.6	88.7	90.2	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2000	63.1	90.5	92.2	92.9	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1800	63.4	91.0	92.6	93.3	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1500	64.0	92.4	94.2	95.1	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200	64.4	93.2	95.1	96.0	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1000	64.4	93.8	95.7	96.8	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	64.6	94.2	96.0	97.1	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	64.7	94.4	96.4	97.5	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	64.7	94.5	96.5	97.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	64.7	94.6	96.6	97.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	64.7	94.7	96.7	97.9	99.0	99.0	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	64.7	94.7	96.7	97.9	99.2	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	64.7	94.7	96.7	97.9	99.2	99.2	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	64.7	94.7	96.7	97.9	99.2	99.2	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	64.7	94.7	96.7	97.9	99.2	99.2	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	64.7	94.7	96.7	97.9	99.2	99.2	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2910

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING	46.4	65.2	65.0	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	51.6	73.0	73.6	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000	51.8	73.2	73.7	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 16000	51.9	73.4	74.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	52.6	74.8	75.5	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 12000	54.5	78.1	78.8	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	55.4	80.3	81.0	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 9000	55.8	80.8	81.5	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 8000	57.1	83.5	84.2	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	57.9	85.0	85.8	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	58.0	85.5	86.2	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	58.3	86.3	87.1	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	58.4	86.6	87.5	88.1	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	58.8	87.2	88.0	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	59.1	87.9	88.7	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	59.6	89.0	89.9	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	59.9	90.0	90.9	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	60.5	92.0	93.0	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	60.7	92.5	93.5	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	61.1	93.6	94.7	95.7	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	61.2	94.1	95.3	96.3	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	61.4	94.7	96.0	97.1	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	61.4	94.9	96.2	97.3	97.7	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	61.5	95.1	96.4	97.6	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	61.6	95.3	96.7	97.9	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	61.6	95.6	96.9	98.2	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	61.6	95.8	97.2	98.5	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	61.6	95.9	97.2	98.6	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	61.6	95.9	97.3	98.6	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	61.6	95.9	97.3	98.6	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	61.6	95.9	97.3	98.6	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	61.6	95.9	97.3	98.6	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2552

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/DILOXI
STATION NAME

42-64,69,73-74
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	42.5	73.4	75.3	76.3	77.5	77.9	78.3	78.5	78.5	78.7	78.7	78.7	78.9	78.9	79.1	79.6
≥ 20000	44.0	76.5	78.4	79.5	80.8	81.2	81.6	81.8	81.8	82.0	82.0	82.0	82.2	82.2	82.4	83.0
≥ 18000	44.1	76.5	78.5	79.5	80.9	81.3	81.7	81.9	81.9	82.1	82.1	82.1	82.3	82.3	82.5	83.1
≥ 16000	44.1	76.7	78.7	79.7	81.0	81.4	81.9	82.0	82.0	82.2	82.2	82.2	82.5	82.5	82.6	83.2
≥ 14000	44.7	77.7	79.7	80.7	82.0	82.4	82.9	83.0	83.0	83.2	83.3	83.3	83.5	83.5	83.6	84.2
≥ 12000	45.1	78.9	81.0	82.0	83.3	83.7	84.2	84.3	84.3	84.5	84.5	84.5	84.8	84.8	84.9	85.5
≥ 10000	45.9	81.2	83.3	84.3	85.7	86.0	86.5	86.7	86.7	86.8	86.9	86.9	87.1	87.1	87.3	87.9
≥ 9000	46.2	81.9	83.9	85.0	86.3	86.7	87.1	87.3	87.3	87.5	87.5	87.5	87.7	87.7	87.9	88.5
≥ 8000	46.4	82.4	84.6	85.7	87.0	87.4	87.8	88.0	88.0	88.2	88.2	88.2	88.4	88.4	88.6	89.2
≥ 7000	46.5	82.9	85.1	86.2	87.5	87.9	88.4	88.6	88.6	88.7	88.8	88.8	89.0	89.0	89.2	89.8
≥ 6000	46.8	83.5	85.3	86.9	88.3	88.6	89.1	89.3	89.3	89.5	89.5	89.5	89.7	89.7	89.9	90.5
≥ 5000	47.1	84.1	86.3	87.5	88.8	89.2	89.7	89.8	89.8	90.0	90.1	90.1	90.3	90.3	90.4	91.1
≥ 4500	47.2	84.2	86.5	87.7	89.0	89.4	89.8	90.0	90.0	90.2	90.2	90.2	90.4	90.4	90.6	91.2
≥ 4000	47.2	84.7	87.1	88.3	89.6	90.0	90.5	90.6	90.6	90.8	90.9	90.9	91.1	91.1	91.2	91.9
≥ 3500	47.2	85.0	87.4	88.7	90.0	90.4	90.9	91.0	91.0	91.2	91.2	91.2	91.5	91.5	91.6	92.3
≥ 3000	47.4	85.4	87.9	89.2	90.5	90.9	91.3	91.5	91.5	91.7	91.7	91.7	91.9	91.9	92.1	92.7
≥ 2500	47.5	86.1	88.6	89.9	91.2	91.6	92.1	92.2	92.2	92.4	92.4	92.4	92.7	92.7	92.8	93.5
≥ 2000	47.7	86.7	89.4	90.7	92.1	92.5	93.0	93.1	93.1	93.3	93.3	93.3	93.6	93.6	93.7	94.4
≥ 1800	47.8	87.0	89.7	91.0	92.4	92.7	93.2	93.4	93.4	93.6	93.6	93.6	93.8	93.8	94.0	94.6
≥ 1500	48.0	87.4	90.2	91.5	92.9	93.3	93.8	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.6	95.2
≥ 1200	48.1	88.0	90.8	92.1	93.6	93.9	94.4	94.6	94.6	94.8	94.8	94.8	95.0	95.0	95.2	95.9
≥ 1000	48.2	88.5	91.2	92.6	94.0	94.4	94.9	95.1	95.1	95.3	95.3	95.3	95.5	95.5	95.7	96.3
≥ 900	48.2	88.5	91.3	92.7	94.1	94.4	95.0	95.1	95.1	95.3	95.3	95.3	95.6	95.6	95.7	96.4
≥ 800	48.4	89.1	91.8	93.2	94.6	95.0	95.5	95.7	95.7	95.9	95.9	95.9	96.1	96.1	96.3	96.9
≥ 700	48.5	89.4	92.2	93.6	95.0	95.4	95.9	96.1	96.1	96.3	96.3	96.3	96.5	96.5	96.7	97.4
≥ 600	48.6	89.8	92.8	94.3	95.8	96.2	96.7	96.9	96.9	97.1	97.1	97.1	97.3	97.3	97.5	98.1
≥ 500	48.7	90.1	93.2	94.6	96.2	96.6	97.1	97.3	97.3	97.4	97.5	97.5	97.7	97.7	97.9	98.5
≥ 400	48.7	90.4	93.5	94.9	96.5	96.9	97.4	97.6	97.6	97.7	97.8	97.8	98.0	98.0	98.2	98.8
≥ 300	48.7	90.5	93.6	95.2	96.8	97.2	97.8	98.0	98.0	98.2	98.2	98.2	98.5	98.5	98.6	99.3
≥ 200	48.7	90.6	93.7	95.3	97.0	97.4	98.0	98.2	98.2	98.4	98.5	98.5	98.7	98.7	98.8	99.5
≥ 100	48.7	90.6	93.8	95.3	97.1	97.4	98.1	98.3	98.3	98.5	98.6	98.6	98.8	98.8	99.0	99.7
≥ 0	48.7	90.6	93.8	95.3	97.1	97.4	98.1	98.3	98.3	98.6	98.6	98.6	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2342

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-65,67,69-74

UCT

STATION

STATION NAME

YEARS

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	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	40.1	68.8	71.0	72.3	73.4	73.5	74.0	74.3	74.4	74.5	75.0	75.0	75.3	75.4	75.7	76.7
≥ 20000	41.2	71.1	73.3	74.7	75.9	76.1	76.6	76.8	76.9	77.4	77.6	77.7	78.0	78.0	78.3	79.4
≥ 18000	41.4	71.4	73.6	75.0	76.2	76.4	76.8	77.1	77.2	77.7	77.9	78.0	78.2	78.3	78.6	79.6
≥ 16000	41.5	71.4	73.6	75.0	76.2	76.4	76.9	77.1	77.2	77.7	77.9	78.0	78.3	78.3	78.6	79.7
≥ 14000	41.7	72.3	74.6	76.1	77.2	77.4	77.9	78.2	78.2	78.8	78.9	79.0	79.3	79.4	79.7	80.7
≥ 12000	42.9	73.8	76.1	77.6	78.8	79.0	79.5	79.7	79.8	80.3	80.5	80.6	80.9	81.0	81.3	82.3
≥ 10000	43.2	75.0	77.4	78.9	80.0	80.2	80.7	81.0	81.0	81.6	81.8	81.9	82.1	82.2	82.5	83.6
≥ 9000	43.4	75.4	77.8	79.3	80.5	80.7	81.2	81.4	81.5	82.0	82.2	82.3	82.6	82.7	83.0	84.0
≥ 8000	43.6	75.6	79.0	80.5	81.7	81.9	82.4	82.7	82.7	83.3	83.4	83.6	83.8	83.9	84.2	85.2
≥ 7000	43.9	77.3	79.7	81.2	82.4	82.6	83.1	83.4	83.4	84.0	84.2	84.3	84.6	84.6	85.0	86.0
≥ 6000	44.0	77.5	79.9	81.4	82.7	82.8	83.3	83.6	83.7	84.2	84.4	84.5	84.8	84.9	85.2	86.2
≥ 5000	44.4	78.1	80.5	82.0	83.3	83.4	83.9	84.2	84.3	84.8	85.0	85.1	85.4	85.5	85.8	86.8
≥ 4500	44.5	78.2	80.7	82.2	83.4	83.6	84.1	84.3	84.4	85.0	85.2	85.3	85.5	85.6	85.9	87.0
≥ 4000	44.8	78.8	81.3	82.8	84.1	84.4	84.9	85.1	85.2	85.8	85.9	86.1	86.3	86.4	86.7	87.7
≥ 3500	45.0	79.3	81.8	83.4	84.8	85.0	85.5	85.8	85.8	86.4	86.5	86.7	87.0	87.0	87.4	88.4
≥ 3000	45.4	80.1	82.7	84.3	85.7	85.9	86.4	86.7	86.8	87.3	87.5	87.6	87.9	88.0	88.3	89.3
≥ 2500	45.5	80.3	83.6	85.2	86.6	86.8	87.3	87.6	87.7	88.2	88.4	88.5	88.8	88.9	89.2	90.2
≥ 2000	45.9	82.0	84.9	86.7	88.2	88.4	88.9	89.2	89.2	89.8	90.0	90.1	90.4	90.4	90.8	91.8
≥ 1800	46.0	82.1	85.1	87.0	88.5	88.8	89.2	89.5	89.6	90.1	90.3	90.4	90.7	90.8	91.1	92.1
≥ 1500	46.2	82.8	85.8	87.7	89.3	89.5	90.0	90.3	90.4	90.9	91.1	91.2	91.5	91.6	91.9	93.0
≥ 1200	46.4	83.6	86.6	88.7	90.3	90.6	91.0	91.3	91.4	91.9	92.1	92.2	92.5	92.6	92.9	94.0
≥ 1000	46.6	84.1	87.2	89.3	91.0	91.2	91.7	92.0	92.1	92.6	92.8	92.9	93.2	93.3	93.6	94.6
≥ 900	46.7	84.2	87.3	89.5	91.2	91.4	91.9	92.2	92.2	92.8	93.0	93.1	93.4	93.4	93.8	94.8
≥ 800	46.8	84.6	87.9	90.0	91.7	92.0	92.5	92.7	92.8	93.4	93.6	93.7	93.9	94.0	94.3	95.4
≥ 700	47.0	85.0	88.2	90.4	92.2	92.3	93.0	93.3	93.4	93.9	94.1	94.2	94.5	94.6	94.9	96.0
≥ 600	47.0	85.2	88.5	90.7	92.7	92.9	93.5	93.8	93.9	94.4	94.5	94.7	95.0	95.1	95.4	96.4
≥ 500	47.2	85.5	88.9	91.3	93.3	93.6	94.2	94.5	94.5	95.1	95.1	95.3	95.6	95.7	95.7	97.1
≥ 400	47.2	85.8	84.4	91.9	93.9	94.1	94.8	95.1	95.1	95.7	96.0	96.1	96.3	96.4	96.7	97.8
≥ 300	47.3	86.1	89.7	92.2	94.2	94.5	95.3	95.6	95.7	96.2	96.5	96.5	96.8	96.9	97.3	98.3
≥ 200	47.3	86.2	89.8	92.2	94.3	94.6	95.5	95.8	95.9	96.5	96.8	96.9	97.3	97.4	97.8	98.8
≥ 100	47.3	86.2	89.8	92.3	94.4	94.7	95.5	96.0	96.1	96.7	97.0	97.2	97.5	97.5	98.1	99.3
≥ 0	47.3	86.2	89.8	92.3	94.4	94.7	95.7	95.0	96.1	96.8	97.1	97.3	97.7	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS.....

2669

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-67,69-74
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5.0	≥.5	≥0	
NO CEILING	37.5	59.9	62.8	64.2	65.5	65.8	66.5	66.7	66.8	67.1	67.2	67.3	67.6	67.6	67.7	68.1
≥ 20000	40.3	65.1	68.3	69.8	71.2	71.5	72.3	72.5	72.7	73.0	73.1	73.2	73.5	73.5	73.7	74.1
IV 18000	40.4	65.4	68.6	70.2	71.6	71.9	72.7	72.9	73.1	73.4	73.5	73.6	73.9	73.9	74.1	74.5
IV 16000	40.4	65.4	68.6	70.2	71.7	72.0	72.7	73.0	73.1	73.4	73.5	73.6	73.9	74.0	74.1	74.6
IV 14000	40.9	66.6	69.8	71.4	72.9	73.2	74.0	74.2	74.4	74.7	74.8	74.9	75.2	75.3	75.4	75.9
IV 12000	41.9	68.2	71.5	73.1	74.6	74.9	75.7	76.0	76.1	76.4	76.5	76.6	76.9	77.0	77.1	77.6
IV 10000	43.1	70.3	73.6	75.6	77.1	77.4	78.1	78.4	78.5	78.9	79.0	79.1	79.4	79.4	79.6	80.0
IV 9000	43.4	70.7	74.2	76.1	77.7	78.0	78.7	79.0	79.1	79.5	79.6	79.7	80.0	80.0	80.2	80.6
IV 8000	43.8	71.9	75.4	77.6	79.2	79.5	80.2	80.5	80.6	81.0	81.1	81.2	81.5	81.6	81.7	82.2
IV 7000	44.4	73.3	76.8	79.0	80.7	81.0	81.8	82.0	82.2	82.5	82.7	82.8	83.1	83.1	83.2	83.7
IV 6000	44.5	74.0	77.6	79.8	81.5	81.8	82.6	82.9	83.0	83.4	83.6	83.7	84.0	84.0	84.1	84.6
IV 5000	44.6	74.5	78.1	80.3	82.1	82.4	83.2	83.4	83.6	84.0	84.1	84.2	84.5	84.5	84.7	85.1
IV 4500	44.7	74.7	78.4	80.6	82.4	82.7	83.5	83.7	83.9	84.3	84.4	84.5	84.8	84.8	85.0	85.4
IV 4000	45.0	75.4	79.1	81.3	83.2	83.5	84.4	84.6	84.8	85.2	85.3	85.4	85.7	85.7	85.9	86.3
IV 3500	45.2	75.9	79.6	81.9	83.7	84.0	84.9	85.2	85.3	85.7	85.8	85.9	86.2	86.3	86.4	86.9
IV 3000	45.7	76.6	80.3	82.6	84.5	84.8	85.6	85.9	86.0	86.4	86.6	86.7	87.0	87.0	87.2	87.6
IV 2500	46.1	77.7	81.4	83.8	85.8	86.1	87.0	87.3	87.4	87.8	88.0	88.1	88.4	88.4	88.6	89.0
IV 2000	46.6	79.0	82.8	85.1	87.2	87.5	88.5	88.7	88.9	89.3	89.4	89.5	89.8	89.8	90.0	90.5
IV 1800	46.7	79.1	82.9	85.3	87.4	87.7	88.6	88.9	89.0	89.5	89.6	89.7	90.0	90.0	90.2	90.7
IV 1500	47.3	80.3	84.2	86.6	88.7	89.1	90.0	90.3	90.4	90.8	91.0	91.1	91.4	91.5	91.6	92.1
IV 1200	47.7	81.0	85.1	87.5	89.7	90.1	91.0	91.3	91.4	91.9	92.1	92.2	92.6	92.6	92.6	93.2
IV 1000	47.8	81.5	85.8	88.3	90.0	90.9	91.8	92.1	92.3	92.7	92.9	93.0	93.4	93.4	93.6	94.1
IV 900	47.9	81.9	86.2	88.8	91.0	91.4	92.3	92.6	92.7	93.2	93.4	93.5	93.9	93.9	94.1	94.6
IV 800	48.0	82.3	86.8	89.5	91.8	92.1	93.2	93.5	93.6	94.2	94.4	94.5	94.9	94.9	95.1	95.5
IV 700	48.2	82.9	87.5	90.1	92.4	92.8	93.8	94.1	94.3	94.8	95.0	95.1	95.5	95.5	95.7	96.2
IV 600	48.4	83.3	87.9	90.6	92.9	93.2	94.3	94.7	94.8	95.4	95.6	95.7	96.1	96.1	96.3	96.7
IV 500	48.4	83.6	88.2	91.0	93.5	93.7	95.0	95.4	95.5	96.1	96.3	96.4	96.8	96.8	97.0	97.5
IV 400	48.5	83.7	83.4	91.3	93.9	94.2	95.5	95.8	96.0	96.5	96.7	96.8	97.2	97.2	97.4	97.9
IV 300	48.5	83.9	88.7	91.7	94.4	94.7	96.0	96.4	96.6	97.2	97.4	97.5	97.9	98.0	98.2	98.6
IV 200	48.5	83.5	88.7	91.7	94.4	94.7	96.1	96.5	96.7	97.4	97.6	97.7	98.2	98.3	98.6	99.3
IV 100	48.5	83.9	88.7	91.7	94.4	94.8	96.1	96.6	96.7	97.5	97.7	97.8	98.3	98.4	98.6	99.6
IV 0	48.5	83.9	88.7	91.7	94.4	94.8	96.1	96.6	96.7	97.5	97.7	97.9	98.4	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2998

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13020

KEESLER AFB MISSISSIPPI/BILOXI

42-67,69-74

JCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥½	≥¼	≥⅓	≥5/16	≥¼	≥0
NO CEILING	50.1	67.2	68.3	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥20000	53.9	73.9	75.0	75.5	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 18000	54.2	74.2	75.3	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
IV 16000	54.2	74.3	75.4	75.9	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 14000	54.6	74.9	76.0	76.6	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 12000	55.5	76.4	77.5	78.1	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 10000	56.3	77.3	79.5	80.3	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 9000	56.8	79.3	80.6	81.4	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 8000	57.5	81.0	82.4	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 7000	58.3	82.4	83.9	84.8	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 6000	58.5	82.9	84.4	85.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 5000	58.7	83.5	85.1	85.9	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 4500	58.9	83.7	85.3	86.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000	59.2	84.2	85.9	86.7	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3500	59.3	84.7	86.3	87.2	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3000	59.6	85.1	86.8	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 2500	60.2	86.3	88.1	89.0	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2000	61.4	88.3	90.1	91.1	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1800	61.6	88.8	90.6	91.6	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1500	62.3	90.6	92.4	93.4	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1200	62.9	91.6	93.5	94.6	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1000	63.2	92.7	94.7	95.8	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 900	63.3	92.9	94.9	96.0	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 800	63.6	93.4	95.6	96.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 700	63.8	93.7	95.9	97.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	63.9	94.0	96.3	97.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	63.9	94.1	96.5	97.7	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	63.9	94.2	96.6	97.9	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
IV 300	63.9	94.3	96.7	98.1	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	63.9	94.3	96.7	98.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	63.9	94.3	96.7	98.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	63.9	94.3	96.7	98.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2991

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13620

KEESLER AFB MISSISSIPPI/BILU XI

42-67,69-74

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.16	≥.	≥0
NO CEILING	52.4	65.4	67.3	67.7	67.7	67.7	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 20000	58.1	74.4	75.5	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	58.3	74.7	75.8	76.2	76.2	75.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 16000	58.4	74.8	75.9	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 14000	59.1	75.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 12000	60.6	78.0	79.2	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 10000	61.6	80.1	81.3	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 9000	62.3	81.1	82.4	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 8000	63.4	82.9	84.3	84.9	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 7000	63.9	84.2	85.7	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 6000	64.1	84.7	86.2	86.5	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 5000	64.4	85.2	86.7	87.3	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 4500	64.7	85.5	87.0	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4000	65.2	86.3	87.8	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3500	65.5	86.9	88.4	89.0	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000	66.4	88.1	89.6	90.2	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2500	67.1	89.8	91.4	92.1	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2000	67.8	91.5	93.2	93.9	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1800	68.0	92.1	93.8	94.5	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1500	67.0	93.9	95.5	96.3	96.3	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1200	69.3	94.6	96.4	97.2	97.3	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000	69.3	95.1	97.0	97.8	98.1	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	69.4	95.3	97.3	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	69.5	95.6	97.7	98.5	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	69.5	95.6	97.7	98.5	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	69.5	95.7	97.8	98.6	98.9	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	69.5	95.8	97.9	98.7	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	69.5	95.8	98.0	98.8	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	69.5	95.8	98.0	98.8	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	69.5	95.8	98.0	98.8	99.2	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	69.5	95.8	98.0	98.8	99.2	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	69.5	95.8	98.0	98.8	99.2	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2984

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-67,69-74

JCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS, U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	51.2	66.5	67.7	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	57.0	74.7	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	57.3	75.1	76.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 16000	57.5	75.4	76.9	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	58.1	76.1	78.0	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	59.2	78.6	80.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	61.1	81.5	82.9	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 9000	61.5	82.1	83.9	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 8000	62.6	83.3	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
≥ 7000	63.0	85.1	87.0	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000	63.5	85.8	87.7	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	63.7	86.1	88.1	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
4500	63.8	86.6	88.5	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
4000	64.3	87.2	89.2	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
3500	64.9	88.0	90.1	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
3000	65.4	88.6	90.7	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
2500	66.3	90.4	92.6	93.2	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
2000	66.7	91.8	94.0	94.9	95.3	95.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
1800	66.8	91.9	94.1	95.0	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1500	67.2	93.0	95.2	96.1	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
1200	67.3	93.4	95.6	96.5	97.1	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
1000	67.4	93.7	95.9	96.9	97.5	97.6	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
900	67.4	93.8	96.1	97.1	97.6	97.6	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
800	67.5	94.1	96.4	97.4	98.0	98.2	98.3	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
700	67.6	94.5	96.7	97.8	98.5	98.7	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4
600	67.6	94.5	96.7	97.8	98.5	98.7	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5
500	67.6	94.6	96.9	97.9	98.7	98.9	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
400	67.6	94.6	96.9	98.0	98.7	98.9	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8
300	67.6	94.7	97.0	98.0	98.8	99.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9
200	67.6	94.7	97.0	98.0	98.8	99.0	99.4	99.5	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
100	67.6	94.7	97.0	98.0	98.8	99.0	99.4	99.5	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
0	67.6	94.7	97.0	98.0	98.8	99.0	99.4	99.5	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3001

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEELER AFB MISSISSIPPI/BILUXI
STATION NAME

42-67,69-74
YEARS

QCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	¾	≥0
NO CEILING	49.6	70.4	71.5	71.9	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8
≥ 20000	53.0	76.8	78.0	78.4	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3
≥ 18000	53.1	76.9	78.2	78.6	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5
≥ 16000	53.2	77.2	78.5	78.9	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 14000	53.8	78.2	79.7	80.1	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0
≥ 12000	55.0	80.3	81.8	82.2	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
≥ 10000	56.1	82.4	83.9	84.5	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4
≥ 9000	56.4	83.3	85.0	85.5	86.1	86.1	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 8000	57.2	84.9	86.5	87.2	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
≥ 7000	57.7	85.8	87.6	88.2	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3
≥ 6000	58.1	86.3	88.1	88.7	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 5000	58.3	86.8	88.6	89.3	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3
≥ 4500	58.6	87.1	88.9	89.6	90.3	90.3	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	58.8	87.9	89.8	90.5	91.2	91.2	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	59.9	88.4	90.3	91.1	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1
≥ 3000	59.2	87.0	91.0	91.7	92.4	92.4	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	59.5	90.3	92.3	93.1	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 2000	59.3	91.4	93.5	94.5	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 1800	59.9	91.5	93.7	94.6	95.4	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	60.0	92.1	94.3	95.3	96.0	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	60.2	92.9	95.1	96.2	97.0	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	60.3	93.5	95.7	96.8	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 900	60.3	93.7	95.8	96.9	97.8	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	60.4	94.0	96.2	97.3	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8
≥ 700	60.5	94.2	96.4	97.5	98.4	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 600	60.5	94.2	96.5	97.6	98.6	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 500	60.5	94.3	96.6	97.8	98.8	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 400	60.5	94.5	96.9	98.1	99.0	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	60.5	94.5	96.9	98.1	99.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	60.5	94.5	96.9	98.1	99.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	60.5	94.5	96.9	98.1	99.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
0	60.5	94.5	96.9	98.1	99.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2977

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-67,69-74
YEARS

JCT
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	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	48.1	73.5	75.1	76.3	77.3	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.6	77.8	77.8	77.6
≥ 20000	50.2	77.6	79.1	80.4	81.4	81.5	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9
IV 16000	50.2	77.6	79.1	80.4	81.4	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9
IV 16000	50.3	77.7	79.3	80.6	81.6	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.1
IV 14000	50.8	78.5	80.2	81.5	82.5	82.6	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
IV 12000	51.3	79.5	81.3	82.6	83.6	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1
IV 10000	52.2	81.9	83.8	85.2	86.2	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7
IV 9000	52.4	82.4	84.4	85.8	86.8	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3
IV 8000	52.8	83.3	85.4	86.7	87.7	87.7	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2
IV 7000	53.1	84.0	86.1	87.4	88.4	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9
IV 6000	53.5	84.6	86.8	88.1	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.7
IV 5000	53.9	85.2	87.4	88.8	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
IV 4500	54.0	85.5	87.7	89.1	90.2	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
IV 4000	54.3	86.3	88.5	89.9	91.0	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5
IV 3500	54.3	86.6	89.0	90.5	91.6	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1
IV 3000	54.5	87.6	90.0	91.4	92.5	92.6	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
IV 2500	54.7	88.8	91.2	92.7	93.8	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3
IV 2000	55.0	89.7	92.2	93.6	94.8	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3
IV 1800	55.0	90.0	92.5	93.9	95.1	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6
IV 1500	55.2	90.5	93.0	94.4	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.2
IV 1200	55.3	91.1	93.6	95.1	96.3	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8
IV 1000	55.4	91.8	94.4	95.9	97.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7
IV 900	55.4	92.0	94.7	96.2	97.3	97.4	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
IV 800	55.5	92.4	95.1	96.5	97.7	97.8	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5
IV 700	55.5	92.6	95.3	96.8	97.9	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
IV 600	55.6	92.8	95.5	97.0	98.2	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 500	55.6	93.0	95.8	97.3	98.5	98.6	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 400	55.6	93.0	95.8	97.3	98.5	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5
IV 300	55.6	93.0	95.8	97.3	98.6	98.6	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7
IV 200	55.6	93.1	95.9	97.5	98.7	98.7	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8
IV 100	55.6	93.1	95.9	97.5	98.7	98.7	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8
IV 0	55.6	93.1	95.9	97.5	98.7	98.7	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2630

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUOXI
STATION NAME

42-64,73-74
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	¾	¾	≥5/16	¼	≥0
NO CEILING	29.5	54.4	56.4	57.8	58.8	59.0	59.6	59.9	59.9	60.6	60.7	60.8	61.5	61.5	61.7	62.5
≥ 20000	30.9	56.6	58.8	60.2	61.3	61.4	62.2	62.4	62.5	63.1	63.3	63.4	64.1	64.1	64.3	65.2
≥ 18000	31.0	56.9	59.0	60.4	61.5	61.6	62.4	62.7	62.7	63.4	63.5	63.6	64.3	64.3	64.5	65.4
≥ 16000	31.0	56.9	59.1	60.5	61.6	61.7	62.5	62.8	62.8	63.4	63.6	63.7	64.4	64.4	64.6	65.5
≥ 14000	31.4	57.4	59.7	61.1	62.1	62.3	63.1	63.3	63.4	64.0	64.2	64.2	64.9	65.0	65.2	66.0
≥ 12000	32.1	58.9	61.2	62.6	63.6	63.8	64.5	64.8	64.8	65.5	65.7	65.7	66.4	66.5	66.6	67.5
≥ 10000	33.2	60.7	63.1	64.5	65.7	65.8	66.6	66.9	66.9	67.6	67.7	67.8	68.5	68.5	68.7	69.6
≥ 9000	33.3	61.4	63.8	65.4	66.5	66.6	67.4	67.7	67.7	68.4	68.6	68.6	69.3	69.3	69.5	70.4
≥ 8000	33.7	62.5	65.0	66.6	67.8	67.9	68.7	69.0	69.0	69.7	69.8	69.9	70.6	70.6	70.8	71.7
≥ 7000	34.6	64.5	67.0	68.9	70.1	70.2	71.0	71.3	71.3	72.0	72.1	72.2	72.9	72.9	73.1	74.0
≥ 6000	35.2	65.7	68.5	70.3	71.6	71.7	72.5	72.8	72.8	73.4	73.6	73.7	74.4	74.4	74.6	75.5
≥ 5000	35.6	67.0	70.0	71.8	73.2	73.4	74.2	74.5	74.5	75.2	75.3	75.4	76.1	76.1	76.3	77.2
≥ 4500	35.7	67.4	70.5	72.4	73.8	73.9	74.7	75.0	75.0	75.7	75.9	75.9	76.6	76.6	76.8	77.7
≥ 4000	35.9	68.9	72.0	74.0	75.4	75.5	76.3	76.6	76.6	77.3	77.5	77.5	78.2	78.3	78.4	79.3
≥ 3500	35.9	69.3	72.5	74.6	76.1	76.2	77.1	77.3	77.4	78.0	78.2	78.3	79.0	79.0	79.2	80.0
≥ 3000	36.5	70.4	73.7	75.9	77.4	77.6	78.5	78.7	78.8	79.4	79.6	79.7	80.3	80.4	80.6	81.4
≥ 2500	36.9	71.6	74.8	77.1	78.8	79.0	79.9	80.1	80.2	80.8	81.0	81.0	81.7	81.8	82.0	82.8
≥ 2000	37.1	73.1	76.6	79.3	81.0	81.2	82.2	82.5	82.5	83.2	83.4	83.4	84.1	84.1	84.3	85.2
≥ 1800	37.1	73.4	76.9	79.7	81.4	81.6	82.7	83.0	83.1	83.7	83.9	83.9	84.6	84.7	84.8	85.7
≥ 1500	37.2	74.3	77.9	80.7	82.6	82.8	83.8	84.2	84.2	85.0	85.2	85.2	85.9	85.9	86.2	87.0
≥ 1200	37.6	75.5	79.1	81.9	83.9	84.1	85.2	85.6	85.6	86.4	86.6	86.6	87.3	87.4	87.6	88.5
≥ 1000	37.8	76.9	80.7	83.6	85.5	85.8	86.9	87.2	87.3	88.1	88.3	88.3	89.0	89.1	89.3	90.2
≥ 900	37.9	77.6	81.3	84.4	86.4	86.6	87.7	88.1	88.1	88.9	89.1	89.2	89.9	89.9	90.1	91.0
≥ 800	38.0	78.0	81.8	85.0	87.0	87.2	88.3	88.7	88.8	89.6	89.8	89.8	90.5	90.6	90.8	91.7
≥ 700	38.0	78.4	82.4	85.5	87.6	87.9	89.0	89.4	89.4	90.2	90.4	90.5	91.2	91.2	91.4	92.3
≥ 600	38.1	78.6	82.8	86.0	88.2	88.5	89.7	90.0	90.1	90.9	91.1	91.2	91.9	91.9	92.1	93.0
≥ 500	38.2	79.1	83.2	86.5	89.0	89.2	90.5	90.9	90.9	91.8	92.0	92.1	92.8	92.8	93.0	93.9
≥ 400	38.2	79.3	83.7	87.1	89.7	90.0	91.4	91.8	91.9	92.8	93.0	93.0	93.7	93.8	94.0	94.9
≥ 300	38.2	79.4	83.8	87.3	90.0	90.2	91.7	92.2	92.3	93.3	93.6	93.7	94.4	94.5	94.7	95.7
≥ 200	38.2	79.5	84.0	87.5	90.2	90.5	92.4	92.9	93.0	94.2	94.5	94.6	95.5	95.5	95.7	96.9
≥ 100	38.2	79.5	84.0	87.6	90.3	90.6	92.4	93.0	93.1	94.5	95.0	95.0	96.0	96.0	96.3	97.9
≥ 0	38.2	79.5	84.0	87.6	90.3	90.6	92.4	93.0	93.1	94.5	95.0	95.0	96.0	96.1	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2296

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-65,67-74
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.3	53.6	55.3	56.8	58.0	58.0	58.7	59.0	59.1	59.7	59.8	59.8	60.3	60.5	61.1	62.2
≥ 20000	31.2	55.4	57.2	58.6	59.8	59.8	60.5	60.8	60.9	61.6	61.7	61.7	62.1	62.4	62.9	64.1
IV 18000	31.2	55.5	57.2	58.7	59.8	59.9	60.6	60.9	61.0	61.6	61.7	61.7	62.2	62.4	63.0	64.1
IV 16000	31.2	55.5	57.3	58.7	59.9	59.9	60.6	60.9	61.0	61.6	61.8	61.8	62.2	62.4	63.0	64.2
IV 14000	31.4	56.1	57.9	59.4	60.5	60.6	61.2	61.6	61.6	62.3	62.4	62.4	62.8	63.1	63.6	64.8
IV 12000	32.0	57.4	59.1	60.6	61.8	61.9	62.6	62.9	63.0	63.6	63.7	63.7	64.2	64.4	65.0	66.2
IV 10000	32.6	59.0	60.8	62.4	63.6	63.6	64.3	64.6	64.7	65.4	65.5	65.5	65.9	66.2	66.7	67.9
IV 9000	32.8	59.6	61.4	63.0	64.3	64.3	65.0	65.3	65.4	66.0	66.2	66.2	66.6	66.8	67.4	68.6
IV 8000	33.8	61.9	63.9	65.5	66.8	66.8	67.5	67.8	67.9	68.6	68.7	68.7	69.1	69.4	69.9	71.1
IV 7000	34.3	63.3	65.6	67.2	68.6	68.6	69.3	69.6	69.7	70.4	70.5	70.5	70.9	71.2	71.7	72.9
IV 6000	34.7	64.4	66.6	68.4	69.9	70.0	70.7	71.0	71.1	71.7	71.8	71.8	72.3	72.5	73.1	74.3
IV 5000	35.1	65.5	67.7	69.4	71.0	71.1	71.8	72.1	72.2	72.8	73.0	73.0	73.4	73.6	74.2	75.4
IV 4500	35.4	66.2	68.6	70.4	72.0	72.2	72.8	73.2	73.2	73.9	74.0	74.0	74.4	74.7	75.2	76.4
IV 4000	35.7	67.6	70.0	71.9	73.5	73.7	74.4	74.8	74.8	75.5	75.6	75.6	76.0	76.3	76.8	78.0
IV 3500	35.9	68.4	71.0	72.8	74.4	74.6	75.4	75.7	75.8	76.5	76.6	76.6	77.0	77.3	77.8	79.0
IV 3000	36.3	70.0	72.6	74.5	76.1	76.4	77.2	77.5	77.6	78.2	78.3	78.3	78.8	79.0	79.6	80.8
IV 2500	36.7	71.1	73.7	75.7	77.4	77.6	78.4	78.7	78.8	79.5	79.6	79.6	80.0	80.3	80.8	82.0
IV 2000	37.2	72.6	75.5	77.5	79.3	79.6	80.4	80.7	80.8	81.5	81.6	81.6	82.0	82.3	82.8	84.0
IV 1800	37.3	73.1	75.8	77.8	79.6	79.9	80.8	81.1	81.2	81.8	81.9	81.9	82.4	82.6	83.2	84.4
IV 1500	37.6	74.2	77.0	79.1	80.9	81.2	82.1	82.4	82.5	83.1	83.3	83.3	83.8	84.0	84.6	85.8
IV 1200	38.0	75.5	78.4	80.6	82.5	82.8	83.7	84.0	84.1	84.8	84.9	84.9	85.4	85.7	86.2	87.4
IV 1000	38.2	76.2	79.3	81.7	83.7	84.0	85.0	85.3	85.4	86.1	86.3	86.3	86.8	87.0	87.6	88.8
IV 900	38.2	77.0	80.1	82.4	84.5	84.8	85.8	86.1	86.2	86.9	87.1	87.1	87.6	87.9	88.4	89.7
IV 800	38.4	77.6	80.7	83.1	85.1	85.5	86.5	86.9	87.0	87.7	87.9	87.9	88.4	88.6	89.2	90.4
IV 700	38.4	78.2	81.4	83.8	85.9	86.3	87.3	87.7	87.8	88.5	88.7	88.7	89.3	89.6	90.1	91.4
IV 600	38.5	78.6	81.9	84.3	86.5	86.9	87.9	88.3	88.4	89.3	89.5	89.5	90.1	90.3	90.9	92.1
IV 500	38.6	79.0	82.5	85.1	87.5	87.9	89.1	89.5	89.5	90.4	90.6	90.6	91.2	91.5	92.0	93.2
IV 400	38.6	79.1	82.7	85.3	87.9	88.3	89.6	90.0	90.1	91.0	91.4	91.4	92.0	92.3	92.9	94.1
IV 300	38.6	79.3	82.9	85.6	88.4	88.9	90.4	90.9	91.0	92.0	92.4	92.4	93.1	93.4	94.0	95.2
IV 200	38.6	79.5	83.2	86.1	88.9	89.4	91.1	91.6	91.7	92.9	93.4	93.5	94.4	94.7	95.3	96.7
IV 100	38.6	79.5	83.2	86.1	88.9	89.4	91.1	91.6	91.7	93.0	93.6	93.6	94.6	95.0	95.8	97.6
IV 0	38.6	79.5	83.2	86.1	88.9	89.4	91.1	91.7	91.7	93.0	93.6	93.6	94.8	95.1	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2503

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI STATION NAME 42-74 YEARS NFIV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥'	≥0
NO CEILING	30.9	46.7	48.3	49.6	51.0	51.2	51.8	52.1	52.1	52.7	52.9	52.9	53.1	53.2	53.4	54.5
≥ 20000	32.7	49.5	51.5	53.2	54.7	55.0	55.7	55.9	56.0	56.6	56.7	56.7	57.0	57.0	57.3	58.4
≥ 18000	32.8	49.6	51.6	53.3	54.9	55.2	55.8	56.0	56.1	56.7	56.9	56.9	57.2	57.2	57.5	58.5
≥ 16000	32.8	49.7	51.7	53.4	55.0	55.3	55.9	56.2	56.2	56.8	57.0	57.0	57.3	57.3	57.6	58.7
≥ 14000	33.4	50.6	52.5	54.2	55.8	56.1	56.7	57.0	57.0	57.7	57.9	57.9	58.1	58.2	58.4	59.6
≥ 12000	34.3	51.9	54.0	55.8	57.4	57.7	58.4	58.6	58.7	59.3	59.5	59.5	59.8	59.8	60.1	61.2
≥ 10000	35.8	55.1	57.2	59.1	60.8	61.1	61.9	62.1	62.2	62.8	63.0	63.0	63.3	63.3	63.6	64.8
≥ 9000	36.0	55.7	57.8	59.8	61.5	61.8	62.6	62.8	62.9	63.5	63.7	63.7	64.0	64.0	64.3	65.5
≥ 8000	37.1	57.9	60.2	62.2	64.2	64.5	65.5	65.7	65.8	66.5	66.7	66.7	67.0	67.0	67.3	68.5
≥ 7000	38.0	59.5	61.9	64.0	66.1	66.4	67.4	67.7	67.8	68.5	68.7	68.7	69.1	69.1	69.4	70.6
≥ 6000	38.8	61.0	63.6	65.7	67.9	68.2	69.2	69.6	69.6	70.4	70.6	70.6	70.9	71.0	71.3	72.5
≥ 5000	39.2	62.2	64.8	67.0	69.2	69.5	70.5	70.9	70.9	71.7	71.9	71.9	72.3	72.3	72.6	73.8
≥ 4500	39.7	63.1	65.9	68.0	70.3	70.7	71.7	72.1	72.1	72.9	73.1	73.1	73.4	73.5	73.8	75.0
≥ 4000	40.5	65.0	67.9	70.2	72.5	72.8	74.0	74.4	74.4	75.2	75.4	75.4	75.7	75.8	76.1	77.3
≥ 3500	40.8	66.1	69.0	71.4	73.8	74.2	75.3	75.7	75.8	76.6	76.8	76.8	77.1	77.2	77.5	78.7
≥ 3000	41.1	67.2	70.1	72.5	75.0	75.3	76.5	76.9	77.0	77.7	78.0	78.0	78.3	78.4	78.7	79.9
≥ 2500	41.6	68.3	71.4	74.0	76.5	76.9	78.2	78.6	78.6	79.4	79.6	79.6	80.0	80.0	80.3	81.6
≥ 2000	42.3	70.2	73.5	76.3	78.9	79.3	80.7	81.1	81.2	82.0	82.2	82.2	82.5	82.6	82.9	84.2
≥ 1800	42.6	70.6	74.0	76.8	79.4	79.8	81.2	81.7	81.7	82.5	82.7	82.7	83.1	83.1	83.5	84.7
≥ 1500	43.0	71.8	75.3	78.1	80.7	81.1	82.6	83.0	83.1	83.9	84.2	84.2	84.5	84.6	84.9	86.2
≥ 1200	43.4	72.9	76.4	79.3	82.0	82.4	83.9	84.4	84.5	85.3	85.6	85.6	86.0	86.0	86.4	87.7
≥ 1000	43.7	73.7	77.3	80.2	83.0	83.6	85.1	85.6	85.6	86.5	86.8	86.8	87.3	87.3	87.7	89.0
≥ 900	43.9	74.0	77.7	80.7	83.5	84.1	85.7	86.2	86.2	87.1	87.4	87.4	87.9	87.9	88.3	89.5
≥ 800	44.2	74.8	78.6	81.6	84.5	85.0	86.8	87.3	87.3	88.2	88.6	88.6	89.1	89.1	89.5	90.9
≥ 700	44.2	75.2	79.0	82.1	84.9	85.5	87.2	87.8	87.8	88.7	89.1	89.1	89.5	89.6	90.0	91.3
≥ 600	44.2	75.5	79.4	82.6	85.5	86.2	88.1	88.6	88.6	89.7	90.1	90.1	90.6	90.6	91.0	92.3
≥ 500	44.5	76.0	80.0	83.3	86.4	87.1	89.1	89.6	89.7	90.9	91.3	91.3	91.8	91.8	92.2	93.6
≥ 400	44.5	76.1	80.1	83.6	86.9	87.6	89.8	90.5	90.5	91.7	92.2	92.2	92.7	92.7	93.3	94.6
≥ 300	44.5	76.3	80.4	83.8	87.4	88.1	90.5	91.3	91.4	93.0	93.7	93.7	94.2	94.2	94.9	96.4
≥ 200	44.5	76.3	80.4	83.9	87.5	88.3	90.8	91.7	91.7	93.4	94.2	94.2	95.0	95.0	96.1	97.8
≥ 100	44.5	76.3	80.4	83.9	87.5	88.3	90.8	91.7	91.7	93.4	94.2	94.3	95.1	95.3	96.3	98.9
≥ 0	44.5	76.3	80.4	83.9	87.5	88.3	90.8	91.7	91.7	93.4	94.2	94.3	95.1	95.3	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3042

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

NOV
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	≥¾	≥½	≥5/16	¼	≥0
NO CEILING	39.5	53.2	54.2	54.5	55.0	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4
≥ 20000	43.2	59.0	60.1	60.6	61.1	61.2	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5
IV 18000	43.3	59.3	60.3	60.8	61.4	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8
IV 16000	43.5	59.5	60.5	61.0	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0
IV 14000	43.6	59.9	61.0	61.5	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5
IV 12000	44.6	61.5	62.7	63.3	63.9	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
IV 10000	46.4	64.4	65.6	66.3	66.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3
IV 9000	46.6	65.1	66.4	67.1	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1
IV 8000	48.5	68.3	69.7	70.7	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8
IV 7000	49.4	69.9	71.5	72.6	73.3	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
IV 6000	49.6	70.5	72.2	73.3	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5
IV 5000	50.8	72.4	74.1	75.3	76.2	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
IV 4500	51.1	73.1	74.8	76.0	76.9	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
IV 4000	51.8	74.6	76.5	78.0	79.0	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5
IV 3500	52.2	75.3	77.4	79.0	80.0	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6
IV 3000	52.6	76.0	78.3	79.8	80.8	81.0	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5
IV 2500	53.3	77.8	80.1	81.7	82.7	82.9	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5
IV 2000	54.7	80.0	82.5	84.1	85.3	85.5	86.0	86.2	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.5
IV 1800	55.0	80.5	83.0	84.7	85.9	86.1	86.6	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1
IV 1500	55.7	82.2	84.8	86.5	87.9	88.1	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.2
IV 1200	56.0	83.0	85.8	87.5	89.0	89.2	89.7	90.0	90.0	90.1	90.2	90.2	90.2	90.3	90.3	90.4
IV 1000	56.6	84.4	87.3	89.0	90.8	91.0	91.6	92.0	92.0	92.2	92.2	92.3	92.3	92.4	92.4	92.5
IV 900	56.6	84.8	87.8	89.7	91.5	91.6	92.3	92.7	92.7	92.9	93.0	93.0	93.0	93.1	93.1	93.2
IV 800	56.8	85.5	88.6	90.7	92.7	92.9	93.6	94.0	94.0	94.3	94.4	94.4	94.4	94.5	94.5	94.6
IV 700	57.0	86.0	89.1	91.2	93.4	93.6	94.3	94.7	94.7	94.9	95.0	95.0	95.0	95.2	95.2	95.2
IV 600	57.0	86.3	89.4	91.5	93.9	94.1	94.9	95.2	95.2	95.5	95.7	95.7	95.7	95.9	95.9	95.9
IV 500	57.1	86.6	89.8	92.1	94.7	94.9	95.8	96.2	96.2	96.6	96.8	96.8	96.8	97.0	97.0	97.1
IV 400	57.2	86.8	90.1	92.5	95.2	95.5	96.6	97.0	97.1	97.7	98.0	98.0	98.0	98.2	98.2	98.3
IV 300	57.2	86.9	90.3	92.7	95.5	95.9	97.1	97.6	97.7	98.5	98.8	98.8	98.8	99.1	99.1	99.2
IV 200	57.2	86.9	90.3	92.7	95.6	96.0	97.1	97.7	97.8	98.6	98.9	98.9	98.9	99.3	99.3	99.5
IV 100	57.2	86.9	90.3	92.7	95.6	96.0	97.2	97.7	97.8	98.7	99.0	99.0	99.0	99.4	99.5	99.7
IV 0	57.2	86.9	90.3	92.7	95.6	96.0	97.2	97.7	97.8	98.7	99.0	99.0	99.0	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3050

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	43.0	54.1	54.7	55.0	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	48.8	61.9	62.6	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
IV ≥ 18000	48.9	62.2	62.9	63.3	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV ≥ 16000	49.1	62.4	63.1	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1
IV ≥ 14000	50.0	63.6	64.3	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3
IV ≥ 12000	51.2	65.1	65.8	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
IV ≥ 10000	53.2	67.8	68.5	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5
IV ≥ 9000	54.0	68.9	69.6	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6
IV ≥ 8000	55.0	72.0	73.0	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
IV ≥ 7000	56.8	73.5	74.7	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
IV ≥ 6000	57.2	74.3	75.5	76.2	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV ≥ 5000	58.4	76.4	77.6	78.2	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV ≥ 4500	58.7	77.0	78.2	78.9	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8
IV ≥ 4000	59.9	78.5	79.7	80.5	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7
IV ≥ 3500	60.6	79.8	81.1	81.9	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
IV ≥ 3000	61.3	81.1	82.6	83.6	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8
IV ≥ 2500	62.3	83.0	84.6	85.6	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	87.0
IV ≥ 2000	63.4	85.2	87.0	88.0	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.7
IV ≥ 1800	63.7	85.7	87.5	88.6	89.7	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3
IV ≥ 1500	64.3	87.2	89.1	90.3	91.5	91.6	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1
IV ≥ 1200	64.5	88.2	90.1	91.4	92.7	92.9	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4
IV ≥ 1000	64.9	89.5	91.4	92.7	94.0	94.2	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
IV ≥ 900	65.0	89.8	91.9	93.1	94.6	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4
IV ≥ 800	65.0	90.3	92.4	93.8	95.3	95.5	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3
IV ≥ 700	65.0	90.4	92.6	94.0	95.7	95.9	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7
IV ≥ 600	65.1	90.6	93.0	94.4	96.2	96.4	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3
IV ≥ 500	65.1	91.0	93.4	94.8	96.8	97.1	97.7	97.9	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3
IV ≥ 400	65.2	91.2	93.7	95.2	97.3	97.6	98.2	98.4	98.5	98.8	98.9	98.9	98.9	99.0	99.0	99.1
IV ≥ 300	65.2	91.2	93.7	95.3	97.3	97.6	98.3	98.6	98.7	99.0	99.2	99.2	99.2	99.3	99.3	99.4
IV ≥ 200	65.2	91.2	93.7	95.3	97.4	97.7	98.4	98.8	98.9	99.2	99.4	99.4	99.4	99.7	99.7	99.8
IV ≥ 100	65.2	91.2	93.7	95.3	97.4	97.7	98.4	98.8	98.9	99.2	99.4	99.4	99.4	99.7	99.8	99.9
IV ≥ 0	65.2	91.2	93.7	95.3	97.4	97.7	98.4	98.8	98.9	99.2	99.4	99.4	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 3007

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 NOV

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	¾	¾	≥5/16	¼	≥0
NO CEILING	43.2	55.4	56.5	57.0	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	47.5	62.4	63.6	64.3	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	47.7	62.6	63.9	64.6	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	48.0	62.9	64.2	64.9	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	49.4	64.6	66.0	66.6	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	50.6	66.3	67.7	68.5	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	52.3	68.9	70.4	71.1	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 9000	53.0	70.1	71.6	72.4	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 8000	55.1	73.6	75.2	76.0	76.6	76.6	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 7000	56.1	75.4	77.1	77.9	78.5	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000	56.7	76.4	78.2	79.0	79.6	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	57.5	77.9	79.8	80.6	81.3	81.3	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	57.8	78.4	80.4	81.2	81.9	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	58.8	80.0	82.1	83.0	83.8	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 3500	59.3	81.0	83.1	84.2	84.9	85.0	85.3	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 3000	59.9	82.4	84.7	85.8	86.6	86.7	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	60.5	83.7	86.0	87.2	88.0	88.1	88.5	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 2000	61.1	85.2	87.8	88.9	89.8	89.9	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	61.2	85.6	88.2	89.4	90.3	90.4	91.0	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 1500	61.7	86.6	89.3	90.6	91.5	91.6	92.3	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 1200	62.0	87.3	90.0	91.4	92.3	92.4	93.1	93.2	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 1000	62.2	88.0	90.8	92.2	93.3	93.4	94.1	94.2	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7
≥ 900	62.2	88.3	91.0	92.5	93.6	93.6	94.4	94.5	94.6	94.8	94.9	94.9	95.0	95.0	95.0	95.0
≥ 800	62.2	88.9	91.8	93.2	94.3	94.4	95.2	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.8	95.8
≥ 700	62.2	89.2	92.2	93.7	94.9	95.0	95.8	95.9	95.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 600	62.2	89.4	92.5	94.0	95.3	95.4	96.2	96.3	96.3	96.6	96.6	96.6	96.7	96.7	96.8	96.8
≥ 500	62.2	89.8	93.0	94.0	95.9	96.1	97.3	97.4	97.5	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 400	62.2	90.0	93.2	95.0	96.5	96.6	97.9	98.2	98.2	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 300	62.2	90.0	93.3	95.0	96.5	96.7	98.1	98.4	98.4	99.0	99.1	99.1	99.3	99.3	99.4	99.4
≥ 200	62.2	90.1	93.4	95.1	96.6	96.7	98.2	98.5	98.6	99.2	99.3	99.3	99.4	99.5	99.5	99.7
≥ 100	62.2	90.1	93.4	95.1	96.6	96.7	98.2	98.5	98.6	99.2	99.3	99.3	99.4	99.5	99.7	99.8
≥ 0	62.2	90.1	93.4	95.1	96.6	96.7	98.2	98.5	98.6	99.2	99.3	99.3	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2991

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

NOV
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	¾	¾	≥5/16	¾	≥0
NO CEILING	39.7	59.1	60.6	61.3	61.8	61.9	62.1	62.2	62.3	62.5	62.5	62.5	62.7	62.7	62.7	62.7
IV 20000	42.2	63.7	65.7	66.5	67.0	67.1	67.3	67.4	67.5	67.7	67.8	67.8	67.9	67.9	68.0	68.0
IV 18000	42.4	64.0	65.9	66.8	67.3	67.4	67.6	67.7	67.8	68.0	68.0	68.0	68.2	68.2	68.2	68.2
IV 16000	42.6	64.3	66.3	67.1	67.6	67.8	67.9	68.0	68.1	68.3	68.4	68.4	68.5	68.5	68.6	68.6
IV 14000	43.2	65.4	67.4	68.2	68.7	68.9	69.0	69.1	69.2	69.4	69.5	69.5	69.6	69.6	69.7	69.7
IV 12000	44.4	67.0	69.1	70.0	70.5	70.6	70.8	70.9	71.0	71.2	71.2	71.2	71.4	71.4	71.4	71.4
IV 10000	45.7	69.5	71.6	72.5	73.0	73.2	73.3	73.4	73.5	73.7	73.8	73.8	73.9	73.9	74.0	74.0
IV 9000	46.1	70.3	72.4	73.4	73.9	74.0	74.2	74.3	74.4	74.6	74.6	74.6	74.8	74.8	74.8	74.8
IV 8000	47.3	72.4	74.6	75.6	76.1	76.3	76.4	76.6	76.7	76.9	76.9	76.9	77.1	77.1	77.1	77.1
IV 7000	48.4	74.8	77.0	78.0	78.5	78.7	78.9	79.0	79.1	79.4	79.4	79.4	79.5	79.5	79.6	79.6
IV 6000	48.8	75.6	78.0	79.9	79.5	79.6	79.7	79.9	80.0	80.3	80.3	80.3	80.5	80.5	80.5	80.5
IV 5000	49.6	77.4	79.9	80.8	81.0	81.0	81.8	81.9	82.0	82.3	82.3	82.3	82.4	82.4	82.5	82.5
IV 4500	50.3	77.9	80.5	81.5	82.1	82.3	82.4	82.6	82.7	83.0	83.0	83.0	83.1	83.1	83.2	83.2
IV 4000	50.5	78.7	81.3	82.3	83.0	83.2	83.4	83.6	83.7	83.9	84.0	84.0	84.1	84.1	84.2	84.2
IV 3500	50.9	79.4	82.1	83.2	83.9	84.1	84.3	84.5	84.6	84.9	85.0	85.0	85.1	85.1	85.2	85.2
IV 3000	51.5	80.8	83.6	84.7	85.5	85.7	85.9	86.1	86.2	86.5	86.6	86.6	86.7	86.7	86.8	86.8
IV 2500	52.0	82.0	85.0	86.2	87.0	87.2	87.5	87.8	87.9	88.2	88.2	88.2	88.4	88.4	88.4	88.4
IV 2000	52.5	83.9	87.0	88.2	89.1	89.3	89.8	90.1	90.2	90.5	90.5	90.5	90.7	90.7	90.7	90.7
IV 1500	52.7	84.4	87.6	88.7	89.7	89.9	90.4	90.7	90.8	91.1	91.1	91.1	91.3	91.3	91.3	91.3
IV 1000	52.8	85.4	88.7	89.8	90.8	91.0	91.5	91.8	91.9	92.2	92.3	92.3	92.4	92.4	92.5	92.5
IV 900	53.1	85.3	89.5	90.7	91.7	91.9	92.4	92.8	92.9	93.2	93.2	93.2	93.4	93.4	93.4	93.4
IV 800	53.2	86.7	90.2	91.5	92.5	92.7	93.2	93.5	93.6	93.9	94.0	94.0	94.1	94.1	94.2	94.2
IV 700	53.2	87.1	90.5	91.9	92.9	93.1	93.6	94.0	94.1	94.4	94.4	94.4	94.6	94.6	94.7	94.7
IV 600	53.3	87.7	91.3	92.6	94.0	94.2	94.7	95.1	95.3	95.6	95.6	95.6	95.8	95.8	95.9	95.9
IV 500	53.3	87.7	91.3	93.3	94.4	94.7	95.3	95.7	95.8	96.3	96.3	96.3	96.5	96.5	96.6	96.6
IV 400	53.3	88.4	92.1	94.0	95.3	95.5	96.3	96.7	96.9	97.4	97.4	97.4	97.6	97.6	97.7	97.7
IV 300	53.3	88.4	92.1	94.0	95.5	95.7	96.5	97.0	97.2	97.8	97.8	97.8	98.0	98.0	98.1	98.1
IV 200	53.3	88.5	92.3	94.1	95.6	95.9	96.8	97.3	97.5	98.4	98.5	98.5	98.7	98.7	98.8	98.8
IV 100	53.3	88.6	92.3	94.2	95.7	96.0	96.9	97.4	97.6	98.6	98.8	98.8	99.1	99.2	99.3	99.3
IV 0	53.3	88.7	92.4	94.3	95.8	96.0	97.0	97.5	97.7	98.7	98.9	98.9	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2980

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEAR

MMV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.125	≥.0625	≥0
NO CEILING	36.8	59.0	61.2	62.4	63.1	63.2	63.7	63.8	63.8	64.2	64.3	64.3	64.6	64.6	64.8	65.0
≥ 20000	38.9	63.2	65.8	67.0	67.7	67.8	68.3	68.4	68.5	68.9	69.0	69.0	69.3	69.3	69.4	69.6
IV 18000	39.0	63.3	65.9	67.1	67.8	68.0	68.4	68.5	68.6	69.0	69.1	69.1	69.4	69.4	69.5	69.7
IV 16000	39.1	63.6	66.2	67.4	68.2	68.3	68.3	68.9	68.9	69.3	69.4	69.4	69.7	69.7	69.9	70.1
IV 14000	39.3	64.1	66.7	67.9	68.7	68.8	69.3	69.4	69.4	69.8	69.9	69.9	70.2	70.2	70.4	70.6
IV 12000	40.3	65.5	68.2	69.4	70.2	70.3	70.8	70.9	71.0	71.3	71.4	71.4	71.7	71.7	71.9	72.1
IV 10000	41.3	67.7	70.5	71.7	72.5	72.6	73.1	73.2	73.3	73.7	73.8	73.8	74.1	74.1	74.2	74.4
IV 9000	42.2	68.3	71.0	72.2	73.1	73.2	73.7	73.8	73.9	74.3	74.4	74.4	74.7	74.7	74.9	75.0
IV 8000	43.0	69.7	72.5	73.8	74.6	74.7	75.3	75.4	75.4	75.8	75.9	75.9	76.2	76.2	76.4	76.5
IV 7000	44.0	71.3	74.1	75.4	76.3	76.5	77.0	77.1	77.2	77.5	77.7	77.7	77.9	77.9	78.1	78.3
IV 6000	44.3	71.9	75.0	76.3	77.2	77.3	77.8	77.9	78.0	78.4	78.5	78.5	78.8	78.8	79.0	79.1
IV 5000	44.9	73.7	76.9	78.2	79.2	79.3	79.8	79.9	80.0	80.4	80.5	80.5	80.8	80.8	81.0	81.1
IV 4500	45.1	74.2	77.5	78.9	79.9	80.0	80.5	80.6	80.7	81.1	81.2	81.2	81.5	81.5	81.6	81.9
IV 4000	45.4	75.2	78.6	80.0	81.1	81.3	81.8	81.9	82.0	82.3	82.4	82.4	82.7	82.7	82.9	83.1
IV 3500	45.6	75.9	79.3	80.9	82.1	82.2	82.7	82.8	82.9	83.3	83.4	83.4	83.7	83.7	83.9	84.1
IV 3000	46.0	77.2	80.7	82.3	83.5	83.6	84.2	84.3	84.4	84.7	84.8	84.8	85.1	85.1	85.3	85.5
IV 2500	46.3	78.3	81.9	83.6	84.9	85.0	85.6	85.8	85.9	86.2	86.3	86.3	86.6	86.6	86.8	87.0
IV 2000	46.5	79.6	83.4	85.2	86.5	86.6	87.2	87.4	87.5	87.9	88.0	88.0	88.3	88.3	88.5	88.7
IV 1800	46.7	80.1	83.9	85.8	87.1	87.2	87.9	88.1	88.2	88.5	88.7	88.7	89.0	89.0	89.2	89.4
IV 1500	46.8	81.0	84.9	86.9	88.2	88.3	89.0	89.2	89.4	89.8	89.9	89.9	90.2	90.2	90.4	90.6
IV 1200	47.0	82.0	85.9	87.9	89.2	89.4	90.1	90.3	90.5	91.0	91.1	91.1	91.4	91.4	91.5	91.8
IV 1000	47.2	82.7	86.9	88.7	90.0	90.1	90.9	91.1	91.3	91.8	91.9	91.9	92.2	92.2	92.4	92.6
IV 900	47.3	83.2	87.1	89.3	90.7	90.8	91.6	91.8	92.0	92.5	92.6	92.6	92.9	92.9	93.1	93.3
IV 800	47.3	83.6	87.6	89.8	91.4	91.5	92.3	92.5	92.7	93.2	93.3	93.3	93.6	93.6	93.8	94.0
IV 700	47.4	83.9	88.0	90.4	92.0	92.2	93.1	93.3	93.5	94.1	94.2	94.2	94.5	94.5	94.7	94.9
IV 600	47.5	84.2	88.4	90.9	92.6	92.7	93.7	93.9	94.1	94.7	94.8	94.8	95.1	95.1	95.3	95.5
IV 500	47.5	84.9	89.3	91.9	93.7	93.9	94.9	95.1	95.3	95.9	96.0	96.0	96.3	96.3	96.5	96.7
IV 400	47.5	85.1	89.5	92.2	94.1	94.3	95.3	95.7	95.8	96.4	96.5	96.5	96.8	96.8	97.1	97.3
IV 300	47.5	85.4	89.8	92.5	94.4	94.6	95.8	96.3	96.4	97.0	97.1	97.1	97.5	97.5	97.7	97.9
IV 200	47.5	85.5	89.9	92.6	94.7	94.8	96.1	96.5	96.7	97.7	97.8	97.8	98.1	98.1	98.5	98.7
IV 100	47.5	85.5	89.9	92.6	94.7	94.9	96.1	96.6	96.8	97.9	98.0	98.0	98.4	98.4	98.8	99.2
IV 0	47.5	85.5	89.9	92.6	94.7	94.9	96.1	96.6	96.8	97.9	98.0	98.0	98.4	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS..... 2752

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

47-64, 73-74
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.4	46.5	48.6	50.0	50.7	51.7	51.9	52.0	52.0	52.4	52.6	52.6	52.9	52.9	53.1	53.5
≥ 20000	25.8	49.4	51.5	53.0	53.7	54.0	54.9	55.1	55.1	55.4	55.6	55.6	55.9	56.0	56.2	56.5
≥ 18000	26.0	49.5	51.6	53.1	53.8	54.1	55.0	55.2	55.2	55.5	55.8	55.8	56.1	56.1	56.3	56.7
> 16000	20.0	49.6	51.8	53.2	54.0	54.3	55.2	55.3	55.3	55.7	55.9	55.9	56.2	56.2	56.4	56.8
≥ 14000	26.0	50.0	52.3	53.7	54.5	54.8	55.7	55.8	55.8	56.2	56.4	56.4	56.7	56.7	57.0	57.3
≥ 12000	26.4	50.8	52.1	54.6	55.3	55.6	56.5	56.7	56.7	57.0	57.3	57.3	57.6	57.6	57.8	58.2
≥ 10000	27.0	52.7	55.1	56.6	57.3	57.6	58.5	58.7	58.7	59.0	59.2	59.2	59.5	59.6	59.8	60.1
≥ 9000	27.1	52.8	55.3	56.8	57.5	57.8	58.7	58.9	58.9	59.2	59.4	59.4	59.7	59.9	60.0	60.3
≥ 8000	27.5	54.0	56.5	58.1	58.8	59.1	60.0	60.2	60.2	60.5	60.7	60.7	61.0	61.1	61.3	61.6
≥ 7000	28.0	55.4	57.9	59.5	60.2	60.5	61.4	61.6	61.6	62.0	62.2	62.2	62.5	62.5	62.7	63.1
≥ 6000	28.1	56.1	58.7	60.3	61.2	61.5	62.5	62.6	62.6	63.0	63.2	63.2	63.5	63.5	63.8	64.1
≥ 5000	28.4	57.5	60.2	61.8	62.8	63.1	64.1	64.2	64.2	64.6	64.8	64.8	65.1	65.1	65.3	65.7
≥ 4500	28.6	59.2	61.0	62.7	63.7	64.0	64.9	65.1	65.1	65.4	65.6	65.6	65.9	66.0	66.2	66.5
≥ 4000	29.3	60.0	62.9	64.7	65.9	66.2	67.1	67.3	67.4	67.7	67.9	67.9	68.2	68.2	68.4	68.8
≥ 3500	29.7	61.4	64.4	66.2	67.3	67.6	68.5	68.8	68.8	69.2	69.4	69.4	69.7	69.7	70.0	70.3
≥ 3000	30.4	63.0	66.7	68.7	69.8	70.1	71.1	71.3	71.4	71.7	71.9	71.9	72.3	72.3	72.6	73.0
≥ 2500	31.1	65.4	68.5	70.7	71.9	72.2	73.1	73.4	73.4	73.8	74.0	74.0	74.3	74.4	74.6	75.1
≥ 2000	31.7	67.2	70.4	72.7	74.2	74.5	75.0	75.9	75.9	76.3	76.5	76.5	76.9	76.9	77.2	77.6
≥ 1800	31.7	67.4	70.6	72.9	74.4	74.7	75.9	76.2	76.3	76.6	76.9	76.9	77.2	77.3	77.5	78.0
≥ 1500	32.1	69.2	72.7	75.0	76.5	76.8	78.1	78.4	78.4	78.9	79.1	79.1	79.5	79.5	79.8	80.2
≥ 1200	32.5	70.3	74.0	76.4	78.1	78.4	79.8	80.1	80.2	80.7	80.9	80.9	81.3	81.3	81.6	82.0
≥ 1000	32.6	71.2	75.0	77.5	79.3	79.6	81.2	81.5	81.6	82.0	82.2	82.2	82.7	82.7	83.0	83.4
≥ 900	32.7	71.5	75.5	78.0	79.8	80.1	81.7	82.0	82.1	82.5	82.8	82.8	83.2	83.2	83.5	83.9
≥ 800	32.8	72.1	76.2	78.8	80.7	81.1	82.7	83.0	83.1	83.6	83.8	83.8	84.3	84.3	84.6	85.0
≥ 700	32.8	72.5	76.7	79.5	81.4	81.8	83.4	83.7	83.8	84.3	84.6	84.6	85.0	85.1	85.3	85.8
≥ 600	32.8	72.7	76.9	79.8	82.0	82.3	83.5	84.3	84.3	85.0	85.2	85.2	85.7	85.8	86.1	86.5
≥ 500	32.9	73.3	78.1	81.0	83.6	83.9	85.6	86.1	86.1	86.8	87.0	87.0	87.5	87.5	87.8	88.3
≥ 400	33.0	73.7	78.6	81.7	84.3	84.7	86.6	87.1	87.2	87.9	88.1	88.1	88.6	88.7	89.0	89.4
≥ 300	33.0	73.9	78.9	82.0	84.9	85.2	87.3	88.0	88.1	89.0	89.3	89.3	89.8	89.9	90.4	90.9
≥ 200	33.0	73.9	78.9	82.1	85.2	85.5	87.8	88.7	88.8	90.2	90.6	90.6	91.5	91.7	92.4	92.9
≥ 100	33.0	73.9	78.9	82.2	85.4	85.7	87.9	88.8	89.0	90.5	90.9	90.9	92.1	92.4	93.7	95.7
≥ 0	33.0	73.9	78.9	82.2	85.4	85.7	87.9	88.8	89.0	90.5	90.9	90.9	92.1	92.4	93.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2337

USAF ETAC

FORM
MIL 44

U-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13920
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-65,68-74
YEAR

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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	23.3	43.3	45.2	46.8	48.2	48.2	48.7	48.7	48.7	49.0	49.2	49.3	49.8	49.9	50.3	51.0
≥ 20000	24.3	45.1	47.1	48.7	50.1	50.1	50.6	50.6	50.6	50.9	51.1	51.2	51.7	51.8	52.2	52.9
IV 18000	24.4	45.3	47.3	48.9	50.3	50.3	50.7	50.8	50.8	51.1	51.3	51.3	51.8	52.0	52.3	53.1
IV 16000	24.4	45.3	47.3	48.9	50.3	50.3	50.8	50.8	50.8	51.1	51.3	51.4	51.9	52.0	52.4	53.1
IV 14000	24.6	46.0	48.1	49.7	51.1	51.1	51.6	51.6	51.6	51.9	52.1	52.2	52.7	52.8	53.2	53.9
IV 12000	25.1	47.4	49.5	51.1	52.5	52.5	53.0	53.0	53.0	53.3	53.6	53.9	54.1	54.2	54.6	55.0
IV 10000	25.9	49.1	51.5	53.0	54.4	54.4	54.9	55.0	55.0	55.2	55.5	55.5	56.0	56.1	56.5	57.3
IV 9000	26.0	49.4	51.8	53.4	54.8	54.8	55.2	55.3	55.3	55.5	55.8	55.8	56.3	56.5	56.8	57.6
IV 8000	26.4	50.5	52.9	54.5	55.9	55.9	56.3	56.4	56.4	56.7	56.9	56.9	57.5	57.6	57.9	58.7
IV 7000	26.5	52.1	54.6	56.2	57.6	57.6	58.1	58.1	58.1	58.4	58.6	58.6	59.2	59.3	59.6	60.4
IV 6000	27.2	53.4	55.9	57.5	58.9	58.9	59.4	59.4	59.4	59.7	60.0	60.0	60.5	60.6	61.0	61.7
IV 5000	27.4	54.8	57.6	59.4	61.0	61.0	61.5	61.6	61.6	61.8	62.1	62.1	62.6	62.7	63.1	63.9
IV 4500	27.6	55.7	58.5	60.4	62.0	62.0	62.5	62.6	62.6	62.9	63.1	63.2	63.7	63.8	64.2	64.9
IV 4000	28.5	57.8	60.6	62.6	64.4	64.4	64.9	65.0	65.0	65.3	65.5	65.6	66.1	66.2	66.6	67.3
IV 3500	28.9	58.7	61.4	63.5	65.3	65.3	65.8	65.9	65.9	66.2	66.4	66.5	67.0	67.1	67.5	68.2
IV 3000	29.5	60.2	63.1	65.4	67.4	67.4	68.0	68.1	68.1	68.5	68.7	68.8	69.3	69.4	69.8	70.5
IV 2500	30.3	62.1	65.2	67.8	69.8	69.8	70.5	70.6	70.6	71.0	71.3	71.3	71.8	71.9	72.3	73.0
IV 2000	31.1	64.5	67.9	70.6	72.8	72.8	73.6	73.7	73.7	74.1	74.4	74.4	74.9	75.0	75.4	76.1
IV 1800	31.1	64.9	68.3	71.1	73.4	73.4	74.2	74.3	74.3	74.7	75.0	75.0	75.5	75.6	76.0	76.7
IV 1500	31.7	66.3	70.0	73.0	75.3	75.4	76.3	76.4	76.4	76.8	77.1	77.1	77.7	77.8	78.2	78.9
IV 1200	32.1	67.1	70.9	74.0	76.5	76.5	77.6	77.8	77.8	78.2	78.4	78.5	79.0	79.1	79.5	80.3
IV 1000	32.2	67.9	71.8	75.0	77.4	77.5	78.6	78.8	78.8	79.3	79.6	79.6	80.2	80.3	80.7	81.5
IV 900	32.3	68.3	72.3	75.5	78.0	78.0	79.2	79.4	79.4	80.0	80.2	80.3	80.8	81.0	81.4	82.1
IV 800	32.5	69.2	73.3	76.5	79.0	79.2	80.4	80.7	80.7	81.2	81.5	81.5	82.1	82.2	82.6	83.4
IV 700	32.6	69.4	73.6	77.0	79.6	79.7	81.0	81.3	81.3	81.9	82.1	82.2	82.7	82.9	83.3	84.1
IV 600	32.7	70.0	74.5	78.0	80.8	80.9	82.2	82.6	82.6	83.3	83.5	83.6	84.1	84.3	84.7	85.5
IV 500	32.8	70.5	75.5	79.0	81.9	82.0	83.4	83.8	83.8	84.6	84.9	84.9	85.4	85.6	86.0	86.7
IV 400	32.8	71.1	76.4	80.1	83.2	83.3	84.7	85.2	85.3	86.2	86.4	86.5	87.1	87.2	87.8	88.7
IV 300	32.9	71.3	76.7	80.6	83.9	84.1	85.6	86.2	86.4	87.4	87.8	87.8	88.5	88.7	89.3	90.3
IV 200	32.9	71.5	76.9	80.9	84.5	84.7	86.4	87.0	87.2	88.8	89.4	89.5	90.7	90.9	91.5	92.9
IV 100	32.9	71.5	76.9	81.0	84.6	84.7	86.4	87.1	87.3	88.9	89.7	89.8	91.3	91.7	92.5	93.8
IV 0	32.9	71.5	76.9	81.0	84.6	84.7	86.4	87.2	87.4	89.0	89.8	89.9	91.6	91.9	93.1	100.0

TOTAL NUMBER OF OBSERVATIONS

2515

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXT
STATION NAME

42-74
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	≥ 1'	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 16	≥ 4	≥ 0
NO CEILING	21.1	35.0	36.9	37.6	38.6	38.8	39.4	39.6	39.6	39.9	40.0	40.0	40.3	40.3	40.6	40.9
≥ 20000	23.0	38.8	40.9	41.9	43.0	43.2	43.8	44.0	44.0	44.4	44.6	44.6	45.0	45.0	45.3	45.7
≥ 18000	23.0	38.9	41.0	42.0	43.1	43.3	43.9	44.1	44.1	44.5	44.7	44.7	45.1	45.1	45.4	45.8
≥ 16000	23.1	39.0	41.1	42.0	43.2	43.4	44.0	44.2	44.2	44.6	44.8	44.8	45.2	45.2	45.5	45.9
≥ 14000	23.3	39.7	41.8	42.8	43.9	44.2	44.8	45.0	45.0	45.4	45.6	45.7	46.0	46.0	46.3	46.7
≥ 12000	23.7	40.7	42.9	43.9	45.0	45.3	45.9	46.1	46.1	46.5	46.7	46.8	47.1	47.1	47.5	47.9
≥ 10000	25.2	43.1	45.5	46.6	47.8	48.1	48.7	48.9	48.9	49.3	49.5	49.5	49.9	49.9	50.2	50.6
≥ 9000	25.5	43.9	46.3	47.5	48.7	49.0	49.6	49.8	49.8	50.2	50.4	50.4	50.7	50.8	51.1	51.5
≥ 8000	26.2	45.6	48.1	49.3	50.5	50.7	51.3	51.6	51.6	52.0	52.2	52.2	52.6	52.6	52.9	53.4
≥ 7000	26.7	47.3	50.0	51.2	52.5	52.8	53.4	53.6	53.6	54.1	54.3	54.3	54.7	54.7	55.0	55.5
≥ 6000	27.3	48.5	51.3	52.6	53.9	54.2	54.8	55.0	55.0	55.5	55.7	55.8	56.2	56.2	56.5	57.0
≥ 5000	27.9	49.9	52.7	54.1	55.4	55.7	56.3	56.5	56.5	57.0	57.2	57.3	57.7	57.7	58.0	58.5
≥ 4500	28.3	50.6	53.5	54.9	56.2	56.5	57.1	57.4	57.4	57.9	58.1	58.2	58.5	58.6	58.9	59.3
≥ 4000	29.3	52.8	55.8	57.4	58.8	59.1	59.9	60.1	60.2	60.7	61.0	61.0	61.4	61.4	61.8	62.2
≥ 3500	30.0	54.5	57.7	59.3	60.7	61.0	61.9	62.1	62.2	62.7	63.0	63.1	63.4	63.5	63.8	64.2
≥ 3000	30.4	55.9	59.4	61.2	62.9	63.2	64.3	64.6	64.6	65.2	65.5	65.6	65.9	66.0	66.3	66.7
≥ 2500	31.2	58.3	62.0	63.8	65.7	66.0	67.1	67.5	67.6	68.2	68.5	68.5	68.9	69.0	69.3	69.8
≥ 2000	32.2	60.3	64.1	66.2	68.2	68.6	69.8	70.3	70.4	71.1	71.4	71.4	71.9	71.9	72.3	72.7
≥ 1800	32.3	60.3	64.4	66.6	68.7	69.1	70.4	70.8	70.9	71.6	71.9	72.0	72.4	72.5	72.9	73.2
≥ 1500	32.9	61.9	66.0	68.4	70.7	71.0	72.4	72.8	72.9	73.7	74.0	74.1	74.5	74.6	75.0	75.4
≥ 1200	33.3	63.0	67.4	70.0	72.3	72.8	74.3	74.7	74.9	75.6	76.0	76.0	76.5	76.5	76.9	77.3
≥ 1000	33.5	64.3	69.1	71.9	74.5	75.0	76.6	77.1	77.3	78.1	78.5	78.5	79.0	79.1	79.5	80.0
≥ 900	34.1	65.2	70.2	72.9	75.6	76.0	77.7	78.2	78.4	79.3	79.7	79.7	80.2	80.3	80.7	81.2
≥ 800	34.2	66.0	71.1	74.0	76.9	77.3	79.1	79.7	79.9	80.8	81.2	81.3	81.8	81.9	82.3	82.7
≥ 700	34.4	66.6	71.8	74.8	77.8	78.3	80.1	80.7	80.9	81.8	82.2	82.3	82.8	82.9	83.3	83.7
≥ 600	34.5	67.0	72.3	75.5	78.9	79.5	81.4	82.0	82.2	83.2	83.5	83.5	84.2	84.3	84.7	85.2
≥ 500	34.8	67.7	73.2	76.7	80.4	81.1	83.2	83.7	83.9	85.2	85.6	85.7	86.3	86.4	86.8	87.3
≥ 400	35.0	68.1	73.8	77.4	81.4	82.2	84.3	85.1	85.3	86.7	87.2	87.3	88.1	88.3	88.7	89.2
≥ 300	35.0	68.4	74.1	77.8	82.0	82.8	85.1	85.1	85.3	87.9	88.5	88.7	89.6	89.8	90.3	90.9
≥ 200	35.0	68.4	74.1	78.0	82.4	83.2	85.7	87.1	87.3	89.2	90.1	90.3	91.7	92.0	92.6	93.5
≥ 100	35.0	68.4	74.1	78.0	82.4	83.2	85.8	87.1	87.4	89.4	90.3	90.5	92.3	92.9	94.1	97.0
≥ 0	35.0	68.4	74.2	78.0	82.4	83.3	85.8	87.2	87.4	89.4	90.4	90.6	92.5	93.1	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3003

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-74
YEARS

DEC
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	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	28.1	40.4	41.2	42.0	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.6	42.6	42.7	42.7
≥ 20000	31.8	46.4	47.4	48.3	48.8	48.8	48.8	48.9	48.9	49.0	49.0	49.0	49.2	49.2	49.3	49.3
≥ 18000	31.9	46.6	47.6	48.5	48.9	48.9	48.9	49.0	49.0	49.1	49.2	49.2	49.3	49.3	49.5	49.5
≥ 16000	21.9	46.6	47.6	48.5	48.9	48.9	48.9	49.0	49.0	49.1	49.2	49.2	49.3	49.3	49.5	49.5
≥ 14000	32.1	47.0	48.1	49.0	49.5	49.5	49.6	49.7	49.7	49.8	49.9	49.9	50.0	50.0	50.1	50.1
≥ 12000	33.0	48.5	49.7	50.6	51.1	51.1	51.2	51.3	51.3	51.4	51.5	51.5	51.6	51.6	51.8	51.8
≥ 10000	34.1	50.6	51.8	52.9	53.4	53.4	53.5	53.6	53.6	53.7	53.8	53.8	53.9	53.9	54.0	54.0
≥ 9000	34.6	51.4	52.7	53.8	54.3	54.3	54.5	54.5	54.5	54.7	54.7	54.7	54.9	54.9	55.0	55.0
≥ 8000	35.6	53.8	55.2	56.4	57.0	57.0	57.2	57.3	57.3	57.4	57.5	57.5	57.6	57.6	57.7	57.7
≥ 7000	36.1	55.2	56.8	57.9	58.7	58.7	58.9	59.0	59.0	59.1	59.2	59.2	59.3	59.3	59.5	59.5
≥ 6000	36.5	56.6	58.2	59.4	60.3	60.3	60.5	60.7	60.7	60.9	60.9	61.1	61.1	61.2	61.2	61.2
≥ 5000	37.5	58.1	59.7	61.2	62.1	62.2	62.4	62.6	62.6	62.7	62.8	62.8	62.9	62.9	63.1	63.1
≥ 4500	38.0	58.9	60.7	62.1	63.1	63.1	63.4	63.6	63.6	63.7	63.8	63.8	63.9	63.9	64.1	64.1
≥ 4000	38.7	60.6	62.6	64.2	65.2	65.3	65.7	65.8	65.9	66.0	66.1	66.1	66.2	66.2	66.3	66.3
≥ 3500	39.3	61.0	63.9	65.5	66.5	66.6	67.0	67.2	67.2	67.4	67.4	67.4	67.6	67.6	67.7	67.7
≥ 3000	39.7	64.0	66.2	68.0	69.1	69.1	69.6	69.8	69.9	70.0	70.1	70.1	70.2	70.2	70.4	70.4
≥ 2500	40.4	65.7	68.3	70.2	71.4	71.5	72.1	72.4	72.4	72.6	72.7	72.7	72.8	72.8	73.0	73.0
≥ 2000	41.5	68.5	71.4	73.5	75.1	75.3	75.9	76.2	76.3	76.5	76.6	76.6	76.8	76.8	76.9	76.9
≥ 1800	41.6	68.8	71.7	73.9	75.5	75.8	76.4	76.7	76.7	77.0	77.0	77.0	77.2	77.2	77.4	77.4
≥ 1500	42.2	70.3	73.5	75.8	77.5	77.7	78.5	78.8	78.8	79.1	79.2	79.2	79.4	79.4	79.6	79.6
≥ 1200	42.6	71.7	75.2	77.7	79.5	79.8	80.6	81.0	81.0	81.4	81.5	81.5	81.7	81.7	81.9	81.9
≥ 1000	43.1	73.0	76.7	79.4	81.6	81.9	82.8	83.3	83.3	83.7	83.9	83.9	84.0	84.0	84.2	84.2
≥ 900	43.4	73.8	77.6	80.4	82.6	82.9	83.8	84.3	84.3	84.8	84.9	84.9	85.1	85.1	85.3	85.3
≥ 800	43.7	74.6	78.4	81.5	83.8	84.1	85.3	85.7	85.8	86.3	86.4	86.4	86.6	86.6	86.7	86.7
≥ 700	43.9	75.2	79.2	82.3	84.8	85.1	86.2	86.8	86.9	87.5	87.6	87.6	87.8	87.8	88.0	88.0
≥ 600	44.3	75.9	80.1	83.3	86.0	86.4	87.9	88.5	88.5	89.2	89.3	89.3	89.5	89.5	89.7	89.7
≥ 500	44.4	76.3	80.6	84.4	87.2	87.8	89.5	90.3	90.3	91.2	91.4	91.4	91.6	91.6	91.7	91.9
≥ 400	44.4	76.5	81.0	85.0	88.2	88.8	90.9	91.7	91.8	92.9	93.2	93.2	93.5	93.5	93.7	93.8
≥ 300	44.4	76.7	81.3	85.3	88.8	89.4	91.9	93.0	93.1	94.7	95.2	95.2	95.6	95.7	96.1	96.3
≥ 200	44.4	76.7	81.3	85.4	88.8	89.5	92.1	93.2	93.4	95.1	95.8	95.8	96.6	96.9	97.5	98.1
≥ 100	44.4	76.7	81.3	85.4	88.8	89.5	92.1	93.2	93.4	95.1	95.9	96.1	96.9	97.1	97.9	99.2
≥ 0	44.4	76.7	81.3	85.4	88.8	89.5	92.1	93.2	93.4	95.1	95.9	96.1	96.9	97.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3069

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-74
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	¾	¾	≥5/16	¼	≥0
NO CEILING	31.7	43.1	43.6	43.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000	37.0	51.0	51.7	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
IV ≥ 18000	37.1	51.2	52.0	52.3	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV ≥ 16000	37.3	51.5	52.2	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV ≥ 14000	37.7	52.1	52.9	53.3	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV ≥ 12000	38.5	53.7	54.6	55.0	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
IV ≥ 10000	39.6	55.8	56.8	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8
IV ≥ 9000	40.3	56.6	57.7	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
IV ≥ 8000	41.5	59.0	60.2	60.8	61.0	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.4
IV ≥ 7000	42.3	60.7	62.1	62.9	63.2	63.3	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.6
IV ≥ 6000	42.9	61.9	63.3	64.1	64.5	64.5	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9
IV ≥ 5000	43.5	63.6	65.1	66.1	66.4	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8
IV ≥ 4500	43.9	64.1	65.8	66.8	67.2	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.6	67.6
IV ≥ 4000	45.1	66.5	68.3	69.4	69.9	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4
IV ≥ 3500	45.8	67.9	69.7	70.9	71.4	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9
IV ≥ 3000	46.6	70.3	72.4	73.6	74.2	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
IV ≥ 2500	47.5	72.8	75.0	76.2	76.9	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
IV ≥ 2000	48.4	74.8	77.3	79.0	79.8	79.9	80.1	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.5
IV ≥ 1800	48.5	75.1	77.6	79.3	80.2	80.3	80.5	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9
IV ≥ 1500	49.5	77.4	80.2	82.0	83.0	83.1	83.5	83.7	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.1
IV ≥ 1200	50.1	79.2	82.1	84.2	85.3	85.4	86.1	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.7	86.7
IV ≥ 1000	50.5	80.5	83.8	86.1	87.4	87.5	88.2	88.5	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.1
IV ≥ 900	50.7	80.9	84.3	86.6	87.9	88.1	88.9	89.2	89.3	89.5	89.6	89.6	89.6	89.6	89.7	89.7
IV ≥ 800	50.8	81.6	85.0	87.5	89.1	89.3	90.2	90.5	90.6	90.9	91.0	91.0	91.0	91.0	91.1	91.1
IV ≥ 700	50.8	81.8	85.4	88.2	89.8	90.0	91.0	91.3	91.3	91.7	91.8	91.8	91.8	91.8	91.9	92.0
IV ≥ 600	50.9	82.4	86.2	89.0	90.7	90.9	92.1	92.4	92.5	93.0	93.1	93.1	93.1	93.1	93.2	93.3
IV ≥ 500	50.9	82.6	86.5	89.6	91.6	91.9	93.2	93.6	93.8	94.4	94.6	94.6	94.7	94.7	94.7	94.8
IV ≥ 400	50.9	82.7	87.0	90.3	92.4	92.8	94.4	94.9	95.1	96.0	96.3	96.3	96.4	96.4	96.5	96.6
IV ≥ 300	50.9	82.8	87.1	90.5	92.6	93.1	94.8	95.3	95.7	96.8	97.3	97.4	97.6	97.7	97.9	98.1
IV ≥ 200	50.9	82.8	87.1	90.5	92.7	93.2	95.0	95.6	96.1	97.3	97.8	97.9	98.4	98.5	98.8	99.1
IV ≥ 100	50.9	82.8	87.1	90.5	92.7	93.2	95.0	95.6	96.1	97.4	98.0	98.1	98.6	98.7	99.0	99.6
IV ≥ 0	50.9	82.8	87.1	90.5	92.7	93.2	95.0	95.6	96.1	97.4	98.0	98.1	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3070

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
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	≥½	≥5/16	≥¼	≥0	
NO CEILING	29.9	41.6	42.6	43.3	43.5	43.6	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	
≥ 20000	35.2	49.7	50.7	51.6	51.9	52.0	52.1	52.1	52.2	52.4	52.4	52.4	52.4	52.4	52.4	
≥ 18000	35.2	47.7	50.7	51.6	51.9	52.0	52.1	52.1	52.2	52.4	52.4	52.4	52.4	52.4	52.4	
IV 16000	35.4	50.0	51.1	52.0	52.3	52.3	52.4	52.5	52.5	52.8	52.8	52.8	52.8	52.8	52.8	
IV 14000	36.1	50.9	52.1	53.2	53.5	53.6	53.7	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	
IV 12000	36.6	51.8	53.2	54.3	54.6	54.6	54.7	54.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	
IV 10000	37.0	53.8	55.5	56.8	57.1	57.1	57.2	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	
IV 9000	38.1	54.2	56.0	57.3	57.7	57.7	57.8	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	
IV 8000	39.7	57.6	59.5	61.0	61.3	61.3	61.4	61.5	61.6	61.9	61.9	61.9	61.9	61.9	61.9	
IV 7000	40.6	59.8	61.8	63.4	63.8	63.8	63.9	64.0	64.1	64.4	64.4	64.4	64.4	64.4	64.4	
IV 6000	41.0	60.7	62.8	64.4	64.8	64.8	65.0	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	
IV 5000	41.8	62.3	64.6	66.3	66.7	66.8	67.0	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	
IV 4500	42.1	63.0	65.4	67.1	67.6	67.6	67.8	67.9	68.0	68.3	68.3	68.3	68.3	68.3	68.3	
IV 4000	43.5	65.4	67.9	70.0	70.6	70.7	70.9	71.0	71.1	71.3	71.4	71.4	71.4	71.4	71.4	
IV 3500	43.9	66.3	68.9	71.2	71.8	72.0	72.2	72.3	72.3	72.6	72.7	72.7	72.7	72.7	72.7	
IV 3000	44.7	69.0	72.0	74.2	74.9	75.1	75.3	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	
IV 2500	45.4	71.1	74.3	76.7	77.4	77.6	78.0	78.1	78.2	78.5	78.6	78.6	78.6	78.6	78.6	
IV 2000	46.1	73.0	76.4	79.1	80.0	80.2	80.8	80.9	81.0	81.3	81.3	81.3	81.4	81.4	81.4	
IV 1800	46.4	73.0	77.2	79.8	80.8	81.0	81.5	81.7	81.8	82.2	82.2	82.2	82.2	82.2	82.2	
IV 1500	47.0	75.3	79.1	82.1	83.3	83.5	84.1	84.3	84.4	84.8	84.8	84.8	84.9	84.9	84.9	
IV 1200	47.3	76.2	80.3	83.5	84.7	84.9	85.7	85.9	86.1	86.5	86.6	86.6	86.7	86.7	86.7	
IV 1000	47.6	77.5	81.7	85.2	86.7	87.0	88.0	88.3	88.4	89.0	89.1	89.1	89.2	89.2	89.2	
IV 900	47.8	77.8	82.1	85.7	87.2	87.5	88.5	88.8	89.0	89.6	89.7	89.7	89.8	89.8	89.8	
IV 800	47.9	78.3	82.9	86.4	88.0	88.3	89.3	89.7	89.9	90.6	90.7	90.7	90.9	90.9	90.9	
IV 700	48.0	78.6	83.2	86.9	88.7	89.0	90.1	90.5	90.7	91.4	91.5	91.5	91.7	91.7	91.7	
IV 600	48.1	78.9	83.6	87.4	89.2	89.6	90.8	91.3	91.4	92.2	92.3	92.3	92.5	92.5	92.5	
IV 500	48.1	79.2	84.1	88.3	90.5	90.9	92.2	92.9	93.0	93.9	94.1	94.1	94.3	94.3	94.3	
IV 400	48.1	79.4	84.3	88.7	91.0	91.5	93.3	93.9	94.1	95.2	95.4	95.4	95.6	95.6	95.6	
IV 300	48.1	79.4	84.4	88.8	91.1	91.6	93.5	94.3	94.4	95.7	96.2	96.3	96.7	96.9	97.0	
IV 200	48.1	79.4	84.4	88.8	91.2	91.6	93.6	94.4	94.6	96.0	96.5	96.6	97.2	97.3	97.5	
IV 100	48.1	79.4	84.4	88.8	91.2	91.6	93.6	94.4	94.6	96.1	96.7	96.7	97.5	97.7	98.0	
IV 0	48.1	79.4	84.4	88.8	91.2	91.6	93.6	94.4	94.6	96.1	96.7	96.8	97.7	97.9	98.4	

TOTAL NUMBER OF OBSERVATIONS 3040

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/

CEILING VERSUS VISIBILITY

13820
STATION

KLEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥3.16	¾	≥0	
NO CEILING	27.7	43.6	45.2	46.2	46.9	47.1	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.9	47.9	48.0	48.0
≥ 20000	30.7	48.9	50.5	52.0	52.8	52.9	53.5	53.5	53.5	53.6	53.7	53.7	53.7	53.9	53.9	54.0	54.0
IV 18000	30.7	49.9	50.5	52.0	52.8	52.9	53.5	53.5	53.5	53.7	53.7	53.7	53.9	53.9	54.0	54.0	54.0
IV 16000	30.7	49.1	50.8	52.3	53.0	53.2	53.8	53.8	53.8	53.9	54.0	54.0	54.2	54.2	54.3	54.4	54.4
IV 14000	30.8	49.6	51.4	52.9	53.7	53.9	54.5	54.5	54.5	54.7	54.8	54.8	55.0	55.0	55.1	55.2	55.2
IV 12000	31.4	50.5	52.3	53.9	54.7	54.8	55.4	55.4	55.4	55.7	55.7	55.7	56.0	56.0	56.1	56.1	56.1
IV 10000	32.4	52.8	54.8	56.5	57.3	57.5	58.0	58.1	58.1	58.3	58.4	58.4	58.7	58.7	58.8	58.8	58.8
IV 9000	32.5	53.0	55.1	56.8	57.6	57.8	58.4	58.4	58.4	58.7	58.8	58.8	59.0	59.0	59.1	59.2	59.2
IV 8000	33.9	55.7	57.8	59.5	60.3	60.6	61.2	61.2	61.2	61.5	61.6	61.6	61.8	61.8	62.0	62.0	62.0
IV 7000	34.6	57.2	59.4	61.2	62.0	62.3	62.9	63.0	63.0	63.3	63.3	63.3	63.6	63.6	63.7	63.8	63.8
IV 6000	35.2	58.5	60.6	62.5	63.4	63.7	64.2	64.4	64.4	64.7	64.7	64.7	65.0	65.0	65.1	65.2	65.2
IV 5000	36.0	60.1	62.4	64.6	65.5	65.8	66.4	66.5	66.5	66.8	66.9	66.9	67.1	67.1	67.2	67.3	67.3
IV 4500	36.4	61.3	63.7	65.8	66.8	67.1	67.7	67.8	67.8	68.1	68.2	68.2	68.4	68.4	68.6	68.6	68.6
IV 4000	37.3	62.9	65.5	67.8	69.0	69.4	70.0	70.1	70.1	70.5	70.6	70.6	70.9	70.9	71.0	71.1	71.1
IV 3500	37.9	64.1	66.9	69.2	70.4	70.7	71.4	71.5	71.5	72.0	72.1	72.1	72.3	72.3	72.4	72.5	72.5
IV 3000	38.8	66.2	69.1	71.6	73.0	73.3	74.0	74.1	74.1	74.6	74.7	74.7	74.9	74.9	75.0	75.1	75.1
IV 2500	39.6	67.8	70.9	73.8	75.2	75.5	76.2	76.4	76.4	76.8	77.0	77.0	77.2	77.2	77.3	77.4	77.4
IV 2000	40.3	70.1	73.6	76.7	78.4	78.7	79.4	79.6	79.6	80.0	80.1	80.1	80.4	80.4	80.5	80.6	80.6
IV 1800	40.5	70.8	74.3	77.5	79.1	79.5	80.1	80.3	80.3	80.8	80.9	80.9	81.2	81.2	81.3	81.4	81.4
IV 1500	41.0	72.3	76.4	79.7	81.4	81.8	82.5	82.7	82.7	83.2	83.3	83.3	83.6	83.6	83.7	83.8	83.8
IV 1200	41.3	73.3	77.6	80.9	82.7	83.1	83.9	84.1	84.1	84.6	84.7	84.7	85.0	85.0	85.1	85.2	85.2
IV 1000	41.4	74.3	79.0	82.4	84.3	84.7	85.6	85.8	85.8	86.3	86.5	86.5	86.7	86.7	86.8	86.9	86.9
IV 900	41.6	74.9	79.6	83.0	85.0	85.4	86.3	86.5	86.5	87.0	87.1	87.1	87.4	87.4	87.5	87.6	87.6
IV 800	41.7	75.6	80.2	83.8	85.8	86.3	87.1	87.3	87.3	87.9	88.0	88.0	88.3	88.3	88.4	88.5	88.5
IV 700	41.8	75.8	80.7	84.3	86.4	86.8	87.8	88.1	88.1	88.6	88.8	88.8	89.0	89.0	89.1	89.2	89.2
IV 600	41.9	76.0	81.2	84.9	87.0	87.4	88.5	88.8	88.9	89.4	89.6	89.6	89.8	89.8	90.0	90.1	90.1
IV 500	42.0	75.7	81.7	85.3	88.2	88.8	90.0	90.4	90.4	90.9	91.1	91.1	91.4	91.4	91.5	91.6	91.6
IV 400	42.0	76.7	82.1	86.4	89.4	89.8	91.5	91.9	92.0	92.7	92.9	92.9	93.2	93.2	93.3	93.4	93.4
IV 300	42.0	75.7	82.2	86.6	89.3	90.2	92.1	92.6	92.7	93.3	93.8	93.9	94.5	94.5	94.7	94.8	94.8
IV 200	42.0	76.7	82.3	86.8	89.9	90.4	92.4	93.0	93.1	94.2	94.7	94.8	95.6	95.7	96.0	96.3	96.3
IV 100	42.0	75.7	82.3	86.8	90.0	90.5	92.5	93.0	93.1	94.6	95.1	95.2	96.2	96.4	97.0	98.1	98.1
IV 0	42.0	76.7	82.3	86.8	90.0	90.5	92.5	93.0	93.1	94.7	95.1	95.3	96.3	96.5	97.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2881

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUOXI
STATION NAME

42-74
YEARS

UFC
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	¾	¾	¾	¾	≥0
NO CEILING	26.5	45.2	46.6	47.9	48.9	49.0	49.8	50.1	50.2	50.6	50.8	50.8	50.9	50.9	51.1	51.4
≥ 20000	28.0	48.2	49.5	50.8	51.9	51.9	52.9	53.3	53.3	53.7	53.7	54.0	54.1	54.1	54.3	54.6
≥ 18000	28.1	48.4	49.8	51.1	52.1	52.2	53.1	53.5	53.6	54.0	54.2	54.2	54.3	54.4	54.6	54.9
≥ 16000	28.2	48.7	50.1	51.4	52.6	52.6	53.5	54.0	54.0	54.5	54.6	54.7	54.8	54.8	55.1	55.3
≥ 14000	28.3	49.2	50.6	52.0	53.1	53.1	54.1	54.5	54.6	55.0	55.2	55.2	55.3	55.4	55.6	55.9
≥ 12000	28.6	49.8	51.3	52.7	53.9	53.9	54.8	55.3	55.3	55.8	55.9	56.0	56.1	56.1	56.4	56.6
≥ 10000	29.6	52.2	53.7	55.2	56.3	56.4	57.3	57.7	57.8	58.2	58.4	58.4	58.6	58.6	58.9	59.1
≥ 9000	29.6	52.3	53.9	55.3	56.5	56.5	57.5	57.9	58.0	58.4	58.6	58.6	58.8	58.8	59.0	59.3
≥ 8000	30.8	54.7	56.4	57.9	59.1	59.1	60.1	60.5	60.6	61.0	61.2	61.2	61.4	61.4	61.6	61.9
≥ 7000	31.4	56.0	57.8	59.4	60.6	60.7	61.6	62.1	62.1	62.6	62.8	62.8	63.0	63.0	63.2	63.5
≥ 6000	32.0	57.2	59.0	60.8	62.3	62.4	63.4	63.8	63.9	64.3	64.5	64.6	64.7	64.7	65.0	65.3
≥ 5000	32.5	58.5	60.5	62.3	63.8	63.9	64.9	65.4	65.4	65.9	66.0	66.1	66.2	66.3	66.5	66.8
≥ 4500	32.7	59.2	61.2	63.1	64.7	64.7	65.7	66.2	66.3	66.7	66.9	66.9	67.1	67.1	67.3	67.7
≥ 4000	33.3	61.3	63.4	65.3	67.3	67.3	68.4	68.9	69.0	69.4	69.6	69.6	69.8	69.8	70.0	70.4
≥ 3500	33.6	62.7	64.9	66.8	68.8	68.8	69.8	70.4	70.4	70.9	71.1	71.1	71.3	71.3	71.5	71.9
≥ 3000	34.4	64.5	66.9	68.9	71.0	71.1	72.1	72.6	72.7	73.2	73.4	73.4	73.6	73.6	73.9	74.3
≥ 2500	35.1	66.4	68.8	71.1	73.2	73.3	74.3	74.8	74.9	75.4	75.6	75.7	75.9	75.9	76.1	76.6
≥ 2000	35.9	68.7	71.6	74.0	76.4	76.4	77.5	78.1	78.1	78.7	78.9	78.9	79.1	79.2	79.4	79.8
≥ 1800	36.0	69.2	72.2	74.6	77.0	77.1	78.2	78.8	78.8	79.4	79.5	79.6	79.8	79.8	80.1	80.5
≥ 1500	36.1	70.5	73.7	76.2	78.7	78.8	79.9	80.5	80.5	81.1	81.4	81.4	81.6	81.7	81.9	82.3
≥ 1200	36.5	71.6	74.8	77.5	80.0	80.1	81.3	81.8	81.9	82.5	82.7	82.7	83.0	83.0	83.3	83.7
≥ 1000	36.5	72.4	75.7	78.6	81.3	81.4	82.7	83.3	83.3	83.9	84.1	84.2	84.4	84.4	84.7	85.1
≥ 900	36.5	73.1	76.4	79.4	82.2	82.3	83.7	84.3	84.3	84.9	85.2	85.2	85.5	85.5	85.8	86.2
≥ 800	36.7	73.5	77.0	80.1	83.0	83.2	84.5	85.1	85.2	85.8	86.0	86.1	86.3	86.3	86.6	87.0
≥ 700	36.8	73.8	77.4	80.6	83.6	83.7	85.3	85.9	85.9	86.5	86.8	86.8	87.0	87.1	87.4	87.8
≥ 600	36.9	74.2	78.0	81.3	84.4	84.5	86.1	86.7	86.7	87.3	87.6	87.6	87.8	87.9	88.2	88.6
≥ 500	37.0	74.6	78.6	82.2	85.7	85.8	87.4	88.2	88.3	88.9	89.2	89.2	89.5	89.5	89.8	90.3
≥ 400	37.0	74.7	78.9	82.8	86.4	86.6	88.3	89.2	89.3	90.0	90.4	90.4	90.7	90.8	91.1	91.6
≥ 300	37.0	74.9	79.1	83.2	87.0	87.3	89.1	90.1	90.3	91.2	91.5	91.6	91.9	92.0	92.4	92.8
≥ 200	37.0	74.9	79.3	83.5	87.6	87.8	89.8	91.1	91.3	92.2	92.7	92.8	93.4	93.6	94.0	94.7
≥ 100	37.0	74.9	79.3	83.6	87.7	88.0	90.0	91.3	91.5	92.6	93.1	93.3	94.1	94.3	95.3	97.1
≥ 0	37.0	74.9	79.3	83.6	87.7	88.0	90.0	91.3	91.5	92.7	93.2	93.4	94.1	94.4	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2683

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period 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:

<u>OKTAS</u>	<u>TENTHS</u>
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

13820

KEESLER AFB MISSISSIPPI/BILUXI

46-70

ALL

STATION

STATION NAME

PERIOD

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		
JAN	ALL	20.6	4.0	4.1	3.6	2.9	2.7	3.1	4.1	6.3	5.9	42.9	6.3	17522
FEB		21.0	4.4	4.7	4.1	3.3	3.0	3.3	4.3	6.3	5.4	40.3	6.1	16013
MAR		21.5	4.5	5.1	4.2	3.9	2.7	3.5	4.2	6.6	5.0	38.9	5.9	17580
APR		20.9	4.5	5.5	5.7	5.2	4.5	4.5	6.2	8.6	6.0	28.6	5.6	16762
MAY		18.9	6.3	7.2	7.6	6.9	6.4	4.8	7.4	9.3	6.3	18.8	5.0	17351
JUN		14.1	6.4	9.2	10.5	8.7	8.1	5.0	7.5	9.0	6.7	14.8	5.0	16985
JUL		8.1	4.4	7.7	8.7	8.7	8.0	6.1	9.6	12.7	8.9	17.3	5.8	17057
AUG		13.5	5.8	8.6	9.9	8.5	7.6	5.4	8.3	10.0	7.7	14.9	5.1	17618
SEP		21.8	6.4	7.9	7.5	6.1	5.6	4.3	5.9	7.6	6.5	20.4	4.9	16426
OCT		38.6	7.8	6.7	6.2	4.4	3.7	3.3	4.1	4.8	4.1	16.4	3.6	16912
NOV		31.2	5.5	5.6	4.9	3.5	3.4	3.4	4.7	5.9	5.7	26.3	4.8	16848
DEC		25.0	4.8	4.1	3.7	3.1	2.7	3.1	4.3	5.9	5.8	37.8	5.8	17052
TOTALS		21.3	5.4	6.4	6.4	5.4	4.9	4.2	5.9	7.8	6.2	26.5	5.3	204126

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

SKY COVER

13820 KEESLER AFB MISSISSIPPI/BILUXI

46-70

JAN

STATION

STATION NAME

PERIOD

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		
JAN	00-02	31.0	2.4	3.2	2.8	2.0	2.1	3.0	3.4	5.2	3.4	41.4	5.6	1861
	03-05	28.8	2.2	2.6	2.4	2.5	2.0	2.8	3.2	4.9	4.5	44.1	5.9	1925
	06-08	16.3	4.4	3.8	3.2	2.9	3.3	2.5	3.8	7.0	7.0	45.9	6.7	2316
	09-11	15.0	4.6	4.2	3.1	2.8	2.9	2.8	4.5	6.7	7.5	45.9	6.8	2319
	12-14	14.3	5.3	4.5	4.1	2.4	3.0	3.2	4.2	7.3	8.4	43.3	6.7	2318
	15-17	13.3	4.8	4.7	4.4	3.3	2.9	3.1	5.1	8.1	8.3	42.0	6.7	2319
	18-20	18.2	5.3	5.2	4.4	4.4	2.5	3.5	4.8	6.6	4.6	40.5	6.1	2308
	21-23	27.6	3.0	4.4	4.5	2.6	2.5	3.7	3.5	4.9	3.2	40.2	5.6	2156
TOTALS		20.6	4.0	4.1	3.6	2.9	2.7	3.1	4.1	6.3	5.9	42.9	6.3	17522

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

13820 KEESLER AFB MISSISSIPPI/BILOXI

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	34.2	5.8	6.9	6.9	6.1	6.0	4.1	5.8	7.0	3.7	13.4	3.8	1803
	03-05	24.1	5.3	7.2	8.0	6.4	6.6	5.2	7.7	8.5	5.7	15.3	4.6	1969
	06-08	15.1	5.2	5.9	5.4	5.9	6.1	5.2	8.4	12.3	10.0	20.4	5.7	2324
	09-11	13.2	5.5	6.2	8.0	8.2	7.5	5.1	9.3	10.3	6.6	20.2	5.5	2324
	12-14	8.9	7.0	9.0	10.0	7.0	6.8	4.9	7.9	10.8	6.5	21.2	5.6	2325
	15-17	11.7	6.8	7.9	8.7	6.9	6.6	4.5	6.7	10.6	7.8	21.9	5.6	2324
	18-20	16.4	7.6	7.6	6.6	6.3	6.5	4.5	7.4	8.7	6.4	21.9	5.3	2289
	21-23	27.9	7.1	7.2	7.2	8.6	5.2	5.1	5.6	6.3	3.4	16.3	4.2	1993
TOTALS		18.9	6.3	7.2	7.6	6.9	6.4	4.8	7.4	9.3	6.3	18.8	5.0	17351

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13820 KEESLER AFB MISSISSIPPI/BILOXI

46-70

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MON1H	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	27.0	7.7	10.9	11.5	8.8	6.7	4.4	4.1	4.3	3.3	11.3	3.6	1800
	03-05	17.4	7.7	9.8	11.9	9.1	8.5	4.7	6.3	8.2	4.9	11.5	4.4	1965
	06-08	13.1	6.3	8.4	8.0	8.0	9.4	5.2	8.5	10.9	7.4	14.7	5.2	2249
	09-11	9.1	5.3	8.5	11.3	8.9	10.7	5.4	9.8	10.0	7.9	13.1	5.3	2250
	12-14	3.9	4.9	10.0	12.5	11.2	9.1	6.2	8.9	1.0	9.0	14.3	5.6	2249
	15-17	6.3	6.8	8.5	9.9	8.3	7.9	5.7	8.3	10.8	8.8	18.2	5.7	2250
	18-20	12.1	5.9	7.4	9.6	6.9	6.1	3.5	8.7	10.7	8.6	20.4	5.6	2247
	21-23	23.1	6.3	10.3	9.6	8.2	6.4	4.8	5.5	7.1	3.7	14.9	4.3	1975
	TOTALS	14.1	6.4	9.2	10.5	8.7	8.1	.0	7.5	9.0	6.7	14.8	5.0	16985

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

13820

KLESLER AFB MISSISSIPPI/BILOXI

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	22.9	5.9	11.9	11.5	9.7	6.3	6.0	6.9	7.2	2.6	9.2	3.9	
	03-05	14.7	6.2	9.7	11.3	9.3	8.6	5.4	9.1	10.3	5.3	10.2	4.7	1966
	06-08	5.9	6.1	5.2	7.5	7.3	7.6	5.6	10.7	14.2	11.7	15.3	5.9	2260
	09-11	4.2	3.4	5.7	7.6	9.4	10.8	6.7	11.6	15.8	10.0	15.6	6.2	2262
	12-14	.9	2.1	5.0	8.5	10.7	11.3	6.0	10.4	14.1	11.8	18.7	6.5	2263
	15-17	1.1	2.8	5.0	6.7	7.2	6.9	6.0	10.1	14.3	14.3	25.6	7.0	2261
	18-20	2.3	3.4	5.7	6.8	6.5	5.3	6.4	9.1	15.1	11.6	28.0	6.9	2263
	21-23	12.8	5.4	10.1	9.4	9.5	6.8	7.0	8.6	10.8	4.1	15.5	5.1	1985
	TOTAL	8.1	4.4	7.7	8.7	8.7	8.0	6.1	9.6	12.7	8.9	17.3	5.8	17057

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

13820 KEESLER AFB MISSISSIPPI/BILOXI 46-70 AUG
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	30.9	6.8	10.5	10.8	9.1	6.4	4.2	6.0	4.9	3.2	7.1	3.4	1893
	03-05	23.6	7.5	9.9	10.7	8.5	8.0	4.7	5.7	8.1	3.8	9.5	4.0	2048
	06-08	10.1	7.4	7.4	9.1	8.5	8.0	4.7	8.9	12.2	9.9	13.8	5.4	2325
	09-11	7.4	5.1	7.4	9.6	8.7	9.2	7.2	11.8	12.9	7.0	13.8	5.6	2325
	12-14	2.2	3.5	8.2	11.4	10.4	9.0	5.8	10.7	11.7	11.7	15.4	6.0	2323
	15-17	3.6	3.6	8.3	9.5	7.6	7.5	5.7	7.6	11.5	12.2	22.9	6.3	2321
	18-20	8.1	5.9	7.3	7.4	7.1	6.7	5.0	8.7	10.6	9.5	23.8	6.0	2319
	21-23	21.7	6.3	9.7	10.6	8.3	6.2	5.9	6.8	7.7	4.1	12.8	4.3	2064
TOTALS		13.5	5.8	8.6	9.9	8.5	7.6	5.4	8.3	10.0	7.7	14.9	5.1	17618

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXXI
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	37.6	6.2	7.0	7.0	5.1	3.6	3.5	4.9	5.0	3.8	16.4	3.7	1754
	03-05	32.3	6.9	8.9	8.1	4.8	4.3	4.0	3.6	5.6	3.6	17.7	3.9	1906
	06-08	15.0	7.4	7.4	6.7	7.1	5.9	4.1	6.0	7.9	7.8	20.7	5.1	2166
	09-11	16.0	5.9	7.0	8.1	7.5	7.3	4.5	5.6	8.2	8.3	21.4	5.3	2166
	12-14	9.3	4.5	8.6	10.0	7.5	7.2	4.6	7.6	9.7	8.6	22.4	5.8	2166
	15-17	10.7	6.5	8.7	7.2	5.6	6.4	3.6	6.8	9.6	10.5	24.4	5.8	2166
	18-20	18.8	6.9	7.0	6.2	5.6	5.6	4.9	7.3	8.7	6.2	22.8	5.2	2166
	21-23	30.6	7.2	8.3	6.8	5.2	4.6	4.8	5.6	5.9	3.5	17.5	4.1	1936
TOTALS		21.8	6.4	7.9	7.5	6.1	5.6	4.3	5.9	7.6	6.5	20.4	4.9	16426

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

13820

KEESLER AFB MISSISSIPPI/BILOXI

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	36.0	2.7	3.1	2.9	2.8	2.0	3.2	4.0	4.6	3.1	35.7	5.1	1767
	03-05	34.8	3.2	3.3	3.1	2.5	2.6	2.7	3.0	4.5	2.9	37.5	5.2	1877
	06-08	19.1	6.1	4.2	3.7	2.4	3.0	3.1	4.2	7.2	7.8	39.4	6.2	2255
	09-11	20.2	5.4	4.3	3.2	2.9	2.7	2.7	4.2	6.5	8.3	39.7	6.2	2312
	12-14	18.7	5.5	5.0	3.9	3.1	3.1	2.8	5.0	7.7	7.6	37.6	6.1	2311
	15-17	16.0	7.2	4.0	4.7	4.0	3.3	3.5	4.7	6.6	8.3	37.8	6.2	2289
	18-20	23.6	5.1	5.1	4.6	3.1	2.8	3.5	4.6	5.9	3.7	37.9	5.7	2197
	21-23	31.3	3.2	3.8	3.4	3.8	2.3	2.9	4.5	4.3	4.3	36.4	5.3	2044
TOTALS		25.0	4.8	4.1	3.7	3.1	2.7	3.1	4.3	5.9	5.8	37.8	5.8	17052

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the ~~percentage~~ of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13820 KEESLER AFB MISSISSIPPI/BILOXI

42-74

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV.	DEC.	ANNUAL
IV 100						.1	.2	.8					.1
IV 95					.5	4.1	7.4	7.8	1.1				1.8
IV 90			.1	.3	4.9	32.6	50.4	52.4	22.6	1.3			13.9
IV 85			.2	3.0	38.6	84.4	92.0	92.3	69.1	17.8	.1		33.5
IV 80	.1	.1	2.5	26.0	80.6	98.8	99.5	99.1	90.6	53.5	4.3	.1	46.7
IV 75	2.8	4.3	15.7	61.7	96.1	100.0	100.0	99.9	97.9	78.2	24.6	2.8	57.3
IV 70	14.7	22.2	46.1	87.8	99.3			100.0	99.4	91.1	51.0	19.8	69.5
IV 65	37.6	46.7	72.0	97.6	99.8				99.9	97.5	72.2	43.2	80.7
IV 60	56.8	68.6	88.1	99.9	99.9				100.0	99.4	86.8	65.3	88.8
IV 55	74.4	83.7	95.5	100.0	100.0					99.9	94.9	79.8	94.1
IV 50	86.0	92.3	98.5							100.0	98.5	92.3	97.3
IV 45	94.5	97.8	99.8								99.8	97.3	99.1
IV 40	98.1	99.2	100.0								100.0	99.2	99.7
IV 35	99.3	99.8										99.7	99.9
IV 30	99.8	100.0										100.0	100.0
IV 25	100.0												100.0
MEAN	60.2	62.7	67.9	75.7	82.7	88.0	89.5	89.5	85.9	78.9	68.6	61.9	76.0
SD	9.071	8.246	7.043	5.322	4.544	3.651	3.549	3.691	4.819	6.211	7.655	8.721	12.553
TOT. #L OBS	987	904	992	940	997	990	1023	995	959	992	990	1015	11784

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13020 KEESLER AFB MISSISSIPPI/BILOXI

42-74

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT.	NOV.	DEC	ANNUAL
85						.3		.3					.1
80					.8	10.5	10.2	5.8	2.8	.2			2.6
75				3.7	14.6	46.6	65.7	59.4	29.4	2.5	.1		18.8
70		.1	2.3	18.3	48.0	88.4	97.5	96.0	69.8	15.7	2.0		36.9
65	3.4	4.1	12.0	40.7	78.1	98.3	99.7	99.7	89.1	34.6	10.0	4.0	48.2
60	13.0	14.2	29.4	62.2	91.0	99.7	100.0	100.0	97.3	60.4	21.4	14.6	58.9
55	22.4	26.5	44.4	79.0	97.1	100.0			99.4	78.9	38.6	23.8	67.7
50	34.5	41.7	63.1	92.1	99.8				99.7	91.7	56.2	37.5	76.5
45	48.4	58.8	77.6	97.9	100.0				100.0	97.5	73.5	53.4	84.0
40	66.6	76.3	91.6	99.8						99.7	88.9	73.9	91.5
35	81.1	87.2	97.3	100.0						100.0	96.9	86.9	95.8
33	86.6	90.9	98.4								98.2	91.1	97.1
30	93.3	95.9	99.5								99.4	96.4	98.7
25	97.9	99.1	99.9								100.0	99.3	99.7
20	99.1	99.7	100.0									99.7	99.9
15	99.6	100.0										99.9	100.0
10	100.0											100.0	100.0
MEAN	45.0	47.1	52.8	61.6	68.4	74.1	75.6	75.1	71.3	61.0	51.3	46.4	60.8
SD	11.091	10.404	9.587	8.177	6.051	4.237	3.046	3.057	5.260	7.927	9.592	10.386	13.920
TOTAL OBS	987	904	991	940	957	990	1023	995	959	992	990	1015	11783

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ANNUAL
90						.2	.5	.5					.1
85					1.3	16.7	25.6	42.7	6.8	.3			6.2
80				1.4	20.7	69.6	88.6	86.6	48.7	4.2			27.0
75			1.2	20.7	66.5	96.8	99.5	99.5	65.1	26.8	1.4		41.9
70	1.3	3.3	11.9	50.5	89.4	99.9	100.0	99.9	96.7	58.7	13.7	2.1	52.6
65	13.0	15.7	34.4	74.9	97.3	100.0		100.0	99.2	80.1	32.6	14.7	63.7
60	26.3	33.7	58.1	91.4	99.7				99.7	92.8	55.1	29.7	74.0
55	44.5	53.4	76.7	98.4	100.0				100.0	97.8	73.9	49.7	83.0
50	62.2	74.4	90.5	99.9						99.7	88.6	69.6	90.5
45	78.7	86.2	97.1	100.0						100.0	97.3	85.9	95.5
40	91.2	95.0	99.6								99.5	95.6	98.4
35	97.0	99.0	99.9								99.9	99.2	99.6
30	99.3	99.8	100.0								100.0	99.6	99.9
25	99.6	100.0										99.8	99.9
20	100.0											100.0	100.0
MEAN	52.7	55.0	60.5	68.8	75.8	81.2	82.7	82.5	78.8	70.1	60.1	54.3	68.5
S D	9.595	8.894	7.829	6.314	4.764	3.449	2.929	2.877	4.430	6.550	8.103	8.806	12.971
TOTAL OBS	987	704	991	940	997	990	1023	995	959	992	990	1015	11783

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

EXTREME VALUES
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
42				*	88	94	96	95	96	88	85	78	
43	72	74	79	88	89	94	97	101	93	91	80	78	101
44	75	76	79	84	89	99	96	92	96	89	81	71	99
45	72	74	79	91	93	96	95	99	98	88	80	70	98
46	70	70	90*	83*	86	90	96*	90	94	87	83	81	96
47	73	76	78	81	86	94	98	104	96	92	78	73	104
48	70	76	80	93	93	91	96	96	93	88	80	74	96
49	80	77	83	83	92	97	97	96	92	86	77	76	97
50	77	76	76	82	88	98	92	96	96	90	81	70	98
51	72	75	82	86	93	95	98	101	93	88	80	78	101
52	77	76	79	89	92	99	101	96	90	88	80	70	101
53	71	72	81	85	97	101	93	98	93	88	77	71	101
54	74	74	80	85	87	97	97	100	96	90	78	70	100
55	70	73	81	90	88	91	92	95	95	90	79	79	95
56	69	75	78	82	90	93	93	99	92	88	83	78	99
57	77	80	76	84	91	93	99	95	90	82	82	75	99
58	67	71	74	85	91	92	95	96	94	86	84	75	96
59	70	78	76	83	92	93	95	95	93	91	83	72	95
60	73	72	82	87	89	93	97	95	95	90	79	76	97
61	68	75	76	82	89	92	91	93	94	86	79	76	94
62	71	78	79	83	96	91	101	101	93	89	75	73	101
63	66	70	78	84	87	91	94	92	94	86	75	66	94
64	69	67	73	85	93	94	96	97	97	84	77	77	97
65	71	70	77	82	88	89	93	90	# 88	# 83	# 79	# 72	93
66	# 70	# 68	# 75	# 81	# 89	# 97	# 95	# 93	# 92	# 83	# 77	# 73	# 97
67	# 73	# 72	# 80	# 86	# 88	# 95	# 93	# 92	# 92	# 86	# 77	# 74	# 95
68	# 69	# 69	# 73	# 82	# 90	# 94	# 95	# 95	# 94	# 90	# 81	# 70	# 97
69	** 75	# 77	# 74	# 85	# 89	# 97	# 97	# 94	# 94	# 90	# 78	# 73	# 97
70	** 69	# 70	# 71	# 85	# 89	# 94	# 95	# 96	# 94	# 89	# 75	# 75	# 96
71	** 77	# 76	# 78	# 84	# 85	# 92	# 94	# 93	# 87	# 86	# 83	# 74	# 94
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON < FULL MONTHS)
 # (AT LEAST ONE DAY < 24 OBS)

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

EXTREME VALUES
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13820 STATION KEESSLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	*P 75	# 75	# 81	# 87	# 96	# 98	# 94	# 99	# 92	# 86	# 81*	# 73	# 99
73	# 69	# 67	# 76	# 80	# 89	# 92	# 98	# 94	# 88	# 89	# 80	# 75	# 98
74	75	73	84	83	90	91	99	96*	93	87	83*	73	99
MEAN	72.1	73.5	78.4	84.7	90.1	94.2	95.8	95.9	93.2	87.7	79.7	73.9	97.7
S. D.	3.369	3.370	3.757	3.021	2.926	2.949	2.411	3.295	2.587	2.348	2.663	3.253	2.638
TOTAL OBS.	987	904	992	940	997	990	1023	995	959	992	990	1015	11784

NOTES * (BASED ON < FULL MONTHS)
 # (AT LEAST ONE DAY < 24 OBS)

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

EXTREME VALUES
 MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13320 KEESSLER AFB MISSISSIPPI/BILOXI 42-74
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB.	MAR.	APR	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS	
42					*	54	68	69	66	48	40	37	34	
43	23	25	24	45	63	70	72	68	59	41	25	24	23	
44	30	30	40	41	50	69	68	66	64	46	37	29	29	
45	29	30	44	44	50	66	69	71	60	48	35	22	22	
46	26	34	41*	58*	63	59	68*	70	60	48	39	34	28	
47	30	24	32	49	57	70	63	72	55	58	41	35	24	
48	16	29	32	48	54	65	70	68	59	40	38	31	15	
49	30	30	36	45	50	68	73	70	53	44	35	32	30	
50	38	38*	35	40	62	64	70	70	62	52	26	30	26	
51	28	15	35	45	56	68	71	75	62	48	29	24	15	
52	32	38	38	45	51	70	71	68	61	39	36	28	28	
53	34	37	41	45	60	70	68	69	62	45	40	30	30	
54	32	30	33	48	48	60	68	73	63	42	33	31	30	
55	30	26	28	51	62	63	71	72	68	45	29	26	26	
56	30	38	35	48	58	57	71	64	61	55	31	35	30	
57	28	41	37	43	52	71	73	69	59	36	35	25	25	
58	26	20	40	45	52	66	72	65	62	50	31	28	20	
59	26	32	41	42	60	70	70	72	67	51	29	37	26	
60	26	29	29	50	51	66	73	73	65	46	37	26	26	
61	26	33	40	42	52	66	71	65	58	43	34	27	26	
62	10	34	31	42	58	67	72	69	60	43	42	12	10	
63	10	27	38	53	56	66	69	69	55	43	34	19	10	
64	23	31	40	47	60	64	74	74	60	41	31	28	23	
65	21	26	32	50	56	65	71	69	# 58	# 42	# 39	# 32	21	
66	# 14	# 27	# 33	# 47	# 55	# 59	# 74	# 67	# 61	# 47	# 29	# 28	# 14	
67	# 31	# 27	# 39	# 51	# 56	# 68	# 60	# 62	# 45	# 45	# 36	# 30	# 27	
68	# 26	# 28	# 30	# 47	# 54	# 66	# 71	# 64			# 37	# 28		
69	** 25	# 33	# 31	# 50	# 54	# 61	# 74	# 69	# 61	# 50	# 33	# 40	** 25	
70	** 21	# 24	# 37	# 47	# 50	# 65	# 72	# 70	# 57	# 50	# 27	# 34	** 21	
71	** 29	# 24	# 33	# 39	# 51	# 69	# 69	# 66	# 68	# 50	# 38	# 44	# 24	
MEAN														
S. D.														
TOTAL OBS.														

NOTES * (BASED ON < FULL MONTHS)
 # (AT LEAST ONE DAY < 24 OBS)

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

EXTREME VALUES
 MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	** 23	# 32	# 41	# 44	# 59	# 63	# 67	# 70	# 60	# 46	# 39	** 30	** 23
73	** 26	# 27	# 45	# 40	# 54	# 69	# 73	# 68	# 59	46	40	27	** 26
74	41	29	42	50	62	63	73	72*	60	52	35*	31	29
MEAN	26.3	29.6	36.0	46.3	55.8	65.8	70.3	68.9	59.8	46.0	34.8	29.4	23.6
S. D.	6.888	5.534	5.032	4.199	4.338	3.647	3.015	3.082	4.866	4.873	4.198	5.916	5.583
TOTAL OBS.	987	904	991	940	997	990	1023	995	959	992	990	1015	11783

NOTES * (BASED ON < FULL MONTHS)

(AT LEAST ONE DAY < 24 OBS)

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 ALL
 STATION STATION NAME YEARS MONTH
 PAGE 1 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
104/103													.0																			1	1		
102/101													.0	.0	.0																	5	5		
100/ 99									.0	.0	.0	.0	.0	.0	.0																36	36			
98/ 97								.0	.0	.0	.0	.0	.0	.0	.0															109	109				
96/ 95						.0	.0	.0	.0	.0	.0	.0	.0	.0	.0															385	393				
94/ 93			.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0															1002	1018				
92/ 91	.0	.0		.0	.0	.1	.4	.2	.1	.1	.0	.0	.0	.0	.0														2532	2588	1				
90/ 89		.0	.0	.0	.1	.7	.0	.3	.1	.1	.0	.0	.0	.0	.0														5580	5722	3	2			
88/ 87		.0	.0	.1	.6	1.3	.7	.3	.1	.1	.0	.0	.0	.0	.0														8489	8673	2	2			
86/ 85	.0	.0	.0	.5	1.5	1.3	.6	.3	.1	.1	.0	.0	.0	.0	.0														12511	1497	45	4			
84/ 83	.0	.0	.3	1.4	1.5	.9	.4	.2	.1	.1	.0	.0	.0	.0	.0														2279	2565	323	54			
82/ 81	.0	.1	1.0	1.9	1.1	.6	.3	.1	.1	.1	.0	.0	.0	.0	.0														3791	4166	1997	249			
80/ 79	.0	.4	2.1	1.8	1.0	.5	.2	.1	.1	.1	.0	.0	.0	.0	.0														16482	16970	8993	1236			
78/ 77	.0	1.2	2.2	1.3	.8	.4	.2	.1	.1	.1	.0	.0	.0	.0	.0														16152	16692	20020	6280			
76/ 75	.1	1.0	1.9	1.1	.6	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0														16047	16617	24664	18260			
74/ 73	.1	1.5	1.5	.9	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0														13305	13811	22021	25373			
72/ 71	.1	1.3	1.3	.7	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0														11540	11975	18124	21978			
70/ 69	.2	1.5	1.2	.7	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0														12284	12754	15347	18437			
68/ 67	.3	1.5	1.1	.6	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0														11628	12012	13720	15929			
66/ 65	.0	1.3	1.0	.6	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0														12068	12450	13319	14490			
64/ 63	.5	1.4	.8	.5	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0														11009	11271	12109	12925			
62/ 61	.5	1.3	.7	.5	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0														10052	10243	11429	11527			
60/ 59	.4	1.2	.7	.5	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0														9883	10059	10626	10799			
58/ 57	.2	.9	.6	.5	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0														8116	8252	9314	9137			
56/ 55	.2	.8	.6	.5	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0														7564	7714	8720	8311			
54/ 53	.1	.7	.6	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0														6749	6852	7901	7222			
52/ 51	.1	.6	.5	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0														6060	6143	7658	6890			
50/ 49	.1	.6	.6	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0														5957	6025	7583	6836			
48/ 47	.1	.5	.5	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0														5191	5252	6973	6439			
46/ 45	.1	.5	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0														4555	4643	6470	6286			
44/ 43	.1	.4	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0														3942	3999	5789	5824			
42/ 41	.1	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0														3267	3294	5326	5668			
40/ 39	.1	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0														2581	2616	4818	5400			
38/ 37	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0														1841	1857	3586	4724			
Element (X)	Z _x ¹	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	> 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13620 KESLER AFB MISSISSIPPI/BILOXI 42-74 ALL
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
36/ 35	.0	.2	.2	.1	.0	.0												1438	1447	2850	4681
34/ 33	.0	.1	.2	.1	.0													1111	1113	2006	4114
32/ 31	.0	.1	.1	.1	.0													770	779	1616	3585
30/ 29	.0	.0	.1	.0	.0													519	528	1097	2998
28/ 27	.0	.0	.0	.0														237	237	728	2139
26/ 25		.0	.0	.0														133	133	460	2098
24/ 23		.0	.0	.0														80	80	232	1658
22/ 21	.0	.0	.0															48	50	122	1287
20/ 19		.0	.0															32	32	65	944
18/ 17		.0	.0															33	33	48	802
16/ 15	.0	.0	.0															22	22	32	563
14/ 13		.0	.0															12	12	20	369
12/ 11		.0																6	6	15	244
10/ 9		.0																4	4	8	151
8/ 7																				1	71
6/ 5																					69
4/ 3																					45
2/ 1																					49
0/ -1																					21
-2/ -3																					6
-4/ -5																					1
22/ 23																					1
TOTAL	4.1	20.9	22.0	17.7	13.3	9.8	6.0	3.1	1.7	.8	.4	.1	.1	.0	.0	.0		256178	262750	256178	8760
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						To'tal									
Rel. Hum.	1471546615	18948845	74.0	16.501	256141	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	1289518758	18043516	68.7	13.855	252750		64.5	222.2	394.6	42169.2	50.8	8760									
Wet Bulb	1059274257	16137991	63.0	12.406	256181		151.3	4255.7	628.3	193.9		8760									
Dew Point	755832432	15176874	59.2	14.877	256178	1.0	583.8	3653.2	1726.8	21.6		8760									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 ALL
 HOURS (L. S. T.)

Temp. (F)	WET B TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
80/ 79						.0	.0											3	3		
78/ 77		.0		.0	.0						.0							10	10		
76/ 75		.0	.0	.2	.1	.0		.0										55	55	1	
74/ 73		.0	.2	.2	.0	.0	.0	.0	.0									93	93	1	1
72/ 71		.2	.5	.2	.0	.0	.0	.0	.0	.0								229	229	20	3
70/ 69	.1	1.0	.9	.4	.1	.0	.0	.0	.0	.0								561	565	193	61
68/ 67	.3	2.0	1.2	.4	.2	.1	.1	.0	.0									942	955	551	372
66/ 65	1.4	2.5	1.3	.6	.3	.2	.1	.0	.0	.0								1414	1434	1126	923
64/ 63	1.3	2.8	1.1	.6	.3	.2	.1	.1	.1	.0								1442	1459	1186	1100
62/ 61	1.0	2.6	.9	.6	.4	.2	.1	.1	.0	.0								1428	1449	1329	1244
60/ 59	1.6	2.8	1.0	.6	.5	.3	.2	.2	.0									1542	1552	1334	1252
58/ 57	.8	2.2	1.1	.8	.5	.3	.2	.1	.0									1319	1333	1205	1039
56/ 55	.0	2.0	1.3	.9	.7	.5	.2	.1	.0									1397	1421	1080	962
54/ 53	.3	1.9	1.5	1.0	.5	.4	.3	.1	.0									1291	1299	1040	895
52/ 51	.3	1.7	1.3	.8	.6	.6	.2	.0										1221	1226	1165	808
50/ 49	.4	1.3	1.3	.9	.9	.4	.1	.0										1150	1163	1226	993
48/ 47	.2	1.2	1.3	1.1	.8	.4	.1											1133	1139	1088	919
46/ 45	.3	1.5	1.3	1.0	.6	.3	.0											1122	1145	1163	939
44/ 43	.4	1.0	1.5	.9	.6	.2	.0	.0										1121	1143	1190	927
42/ 41	.4	1.3	1.4	.7	.5	.1	.0											966	979	1336	964
40/ 39	.3	1.0	1.2	.8	.5	.1	.0											846	853	1212	986
38/ 37	.2	1.0	.8	.6	.2	.0												625	633	964	871
36/ 35	.2	1.0	.7	.5	.1	.0												558	560	884	959
34/ 33	.2	.8	.6	.4	.1													433	433	732	941
32/ 31	.1	.5	.5	.3	.0													301	306	556	843
30/ 29	.0	.2	.5	.2														212	214	375	701
28/ 27		.1	.2	.1														96	96	260	491
26/ 25		.1	.2	.1														69	69	200	527
24/ 23		.1	.1	.0														50	50	109	429
22/ 21		.0	.1															29	29	69	334
20/ 19		.1	.0															21	21	42	284
18/ 17		.1	.0															16	16	34	240
16/ 15		.1	.0															15	15	16	199
14/ 13		.0	.0															9	9	13	133
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 STATION KLESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-74 YEARS JAN 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
12/ 11		.0																3	3	11	129
10/ 9		.0																4	4	6	92
8/ 7																				1	40
6/ 5																					42
4/ 3																					25
2/ 1																					25
0/ -1																					16
-2/ -3																					6
-4/ -5																					1
TOTAL	11.0	33.5	24.3	14.9	8.7	4.5	1.9	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0			21963	21726
																		21726		21726	

Element (X)	Σx ²	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	135631406	1669256	76.8	18.402	21722							
Dry Bulb	63662905	1157877	52.7	10.923	21963		28.2	64.7	5.5	.1		744
Wet Bulb	55254918	1067062	49.1	11.447	21726		57.9	26.2	.1			744
Dew Point	48414177	976361	44.9	14.451	21726	.8	156.1	15.0	.0			744

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

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 FEB
STATION STATION NAME YEARS 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
80/ 79				.0	.0	.0												6	6		
78/ 77				.1	.0	.0	.0	.0	.0	.0								22	22		
76/ 75			.1	.2	.0	.0	.0	.0	.0	.0	.0							81	81		
74/ 73			.4	.3	.1	.0	.0	.0	.0	.0	.0	.0						186	186	5	
72/ 71	.0	.4	.7	.4	.2	.1	.0	.0	.0	.0	.0	.0						396	396	48	3
70/ 69	.1	1.4	1.1	.5	.3	.2	.1	.1	.1	.1	.0	.0						786	786	319	150
68/ 67	.4	1.8	1.4	.7	.4	.1	.1	.1	.1	.0								1052	1058	667	540
66/ 65	.3	2.5	1.3	.9	.4	.3	.2	.1	.1	.0								1362	1370	988	775
64/ 63	1.1	3.0	1.4	.7	.5	.4	.2	.2	.2	.0	.0							1547	1555	1121	959
62/ 61	1.3	2.8	1.1	.7	.5	.6	.3	.2	.1	.0								1583	1585	1374	1159
60/ 59	1.1	2.6	1.3	.9	1.0	.6	.3	.3	.1	.0								1649	1652	1350	1250
58/ 57	.7	2.1	1.2	.9	.7	.6	.4	.2	.0	.0								1371	1373	1157	1092
56/ 55	.6	1.7	1.2	1.1	.9	.6	.4	.2	.0	.0								1365	1369	1173	1000
54/ 53	.4	1.8	1.3	1.0	.9	.6	.4	.1	.0									1298	1299	1137	855
52/ 51	.3	1.2	1.1	1.0	.9	.6	.3	.1	.0									1098	1100	1274	890
50/ 49	.3	1.3	1.2	1.1	.9	.5	.3	.0	.0									1120	1122	1157	876
48/ 47	.3	1.3	1.3	.9	.8	.5	.2	.0										1032	1034	1279	856
46/ 45	.3	1.1	1.0	.8	.6	.3	.1											861	864	1237	966
44/ 43	.2	.8	1.1	.8	.5	.2	.0											726	730	1082	923
42/ 41	.1	.6	1.0	.5	.4	.1												568	568	926	843
40/ 39	.1	.6	.9	.7	.4	.1												541	541	861	827
38/ 37	.1	.5	.5	.6	.2	.0												386	386	778	776
36/ 35	.0	.3	.6	.5	.1	.0												297	297	574	845
34/ 33	.1	.3	.5	.4	.0													267	267	430	734
32/ 31	.0	.3	.5	.2	.0													187	187	397	649
30/ 29	.0	.2	.2	.1	.0													113	113	292	551
28/ 27	.0	.1	.1	.1														59	59	203	461
26/ 25		.0	.1	.0														19	19	88	398
24/ 23		.0	.0															12	12	41	432
22/ 21		.0	.0															7	7	30	348
20/ 19		.0																5	5	9	245
18/ 17		.0	.0															13	13	7	223
16/ 15	.0	.0																5	5	14	127
14/ 13																				2	97
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

3

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74

FEB
 MONTH

STATION

STATION NAME

YEARS

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				
12/ 11																								70
10/ 9																								41
8/ 7																								21
6/ 5																								19
4/ 3																								10
2/ 1																								4
0/ -1																								2
TOTAL	3.4	29.0	22.5	16.3	10.8	6.6	3.6	1.7	.8	.3	.1	.0									20067		20019	
																					20020		20020	
Element (X)	ΣX ²		ΣX		X		s _x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	117156089		1480839		74.0		19.473		20014		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	672							
Dry Bulb	63339375		1108753		55.3		10.176		20067			14.1	84.9	9.9	.0		672							
Wet Bulb	54153452		1018926		50.9		10.707		20020			36.4	34.9	.2			672							
Dew Point	46605268		924498		46.2		13.978		20019		.1	124.1	23.3				672							

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74

STATION STATION NAME YEARS

MAR

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															
90/ 89																									.0	.0						3	3		
88/ 87																									.0	.0						2	2		
86/ 85																								.0	.0						1	1			
84/ 83																								.0	.0						2	2			
82/ 81							.0	.0																.0	.0						12	12			
80/ 79					.1	.1	.0	.0	.0					.0	.0	.0	.0							.0	.0						79	79			
78/ 77			.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								.0	.0						161	161			
76/ 75			.1	.6	.6	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0								.0	.0						409	409	2		
74/ 73			.6	1.1	.6	.3	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0								.0	.0						681	681	78	5	
72/ 71	.1	1.6	1.2	.8	.5	.3	.2	.1	.1	.1	.1	.1	.1	.0	.0									.0	.0						1118	1119	500	191	
70/ 69	.6	3.0	1.5	1.1	.7	.4	.5	.3	.2	.1	.0	.0												.0	.0						1797	1798	1055	863	
68/ 67	.7	3.3	1.7	.9	.6	.5	.4	.3	.2	.1	.0	.0												.0	.0						1892	1893	1298	1190	
66/ 65	1.2	3.5	1.7	1.1	.8	.6	.6	.3	.2	.1	.0	.0												.0	.0						2150	2150	1696	1285	
64/ 63	1.2	3.2	1.6	.9	.7	.7	.4	.3	.1	.1														.0	.0						1983	1989	1651	1536	
62/ 61	.6	2.9	1.5	.9	.8	.7	.5	.3	.2	.1	.0	.0												.0	.0						1830	1830	1688	1433	
60/ 59	.5	2.1	1.3	.8	.9	.9	.5	.4	.2	.0														.0	.0						1593	1593	1547	1366	
58/ 57	.3	1.7	1.0	.9	.9	.6	.4	.3	.1	.0														.0	.0						1310	1311	1457	1164	
56/ 55	.3	1.0	.9	.8	.8	.6	.5	.2	.0															.0	.0						1121	1122	1409	1155	
54/ 53	.2	1.1	.9	.8	.6	.5	.3	.1																.0	.0						972	972	1164	938	
52/ 51	.1	1.0	.8	.8	.5	.5	.2	.0																.0	.0						881	883	1230	919	
50/ 49	.2	.8	.7	1.0	.5	.5	.1	.0																.0	.0						797	799	1197	895	
48/ 47	.1	.6	.6	.8	.5	.3	.0																	.0	.0						615	615	1074	888	
46/ 45	.1	.3	.7	.7	.4	.2	.0																	.0	.0						568	568	893	895	
44/ 43	.0	.3	.8	.7	.3	.1	.0																	.0	.0						490	490	853	833	
42/ 41	.0	.4	.6	.5	.2	.0																		.0	.0						367	367	771	751	
40/ 39	.1	.2	.4	.3	.1	.0																		.0	.0						236	236	704	787	
38/ 37	.0	.1	.2	.2	.0																			.0	.0						120	120	434	686	
36/ 35	.0	.1	.1	.1	.0																			.0	.0						76	76	302	656	
34/ 33	.0	.0	.1	.1																				.0	.0						49	49	147	548	
32/ 31	.0	.0	.1	.0																				.0	.0						28	28	96	569	
30/ 29		.0	.1	.0																				.0	.0						21	21	59	486	
28/ 27		.0	.0																					.0	.0						8	8	33	370	
26/ 25		.0	.0																					.0	.0						4	4	19	315	
24/ 23																								.0	.0								9	203	
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																																			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 MAR

STATION STATION NAME YEARS MONTH
 PAGE 2 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																					176
20/ 19																					121
18/ 17																					57
16/ 15																					37
14/ 13																					37
12/ 11																					11
TOTAL	6.5	28.4	20.4	16.0	10.3	7.6	5.0	3.0	1.5	.8	.3	.1	.1	.0				21376	21391	21376	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	124108667	1572575	73.6	19.822	21372	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	80222209	1295153	60.5	9.186	21391		2.1	214.3	47.0	1.7		744
Wet Bulb	68187772	1188840	55.6	9.840	21376		7.5	102.1	2.8			744
Dew Point	59401337	1091083	51.0	13.174	21376		82.9	78.3	.2			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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
94/ 93																		.0	2	2		
92/ 91																		.0	3	3		
90/ 89																		.0	7	7		
88/ 87									.0	.0	.0	.0	.0	.0				.0	16	16		
86/ 85						.0	.0	.0	.1	.0	.0	.0	.0	.0				.0	57	57		
84/ 83				.1	.2	.2	.1	.0	.0	.0	.0	.0	.0					.0	153	163		
82/ 81			.1	.4	.7	.5	.2	.0	.1	.0	.0	.0	.0					.0	419	423		
80/ 79			.4	1.5	1.2	.8	.3	.1	.1	.1	.0	.0	.0					.0	957	983		
78/ 77		.2	1.6	1.9	1.9	.6	.4	.2	.2	.1	.1	.0	.0					.0	1477	1538	62	
76/ 75	.0	.8	3.0	2.3	1.7	.7	.5	.2	.2	.1	.1	.0	.0					.0	1960	2032	321	
74/ 73	.1	1.7	3.3	2.4	1.2	.8	.5	.3	.2	.1	.1	.0	.0					.0	2178	2289	1264	
72/ 71	.1	2.9	2.8	1.7	1.0	.8	.7	.4	.2	.2	.1	.0	.0					.0	2200	2291	1991	
70/ 69	.4	2.9	3.1	1.5	1.1	.8	.7	.4	.3	.1	.0	.0	.0					.0	2289	2418	2447	
68/ 67	.4	2.9	2.3	1.1	.8	.7	.6	.3	.3	.1	.0	.0	.0					.0	1900	1971	2223	
66/ 65	.6	2.4	1.5	1.0	.8	.7	.5	.3	.3	.1	.0	.0	.0					.0	1629	1680	2194	
64/ 63	.3	1.5	.9	.8	.7	.6	.3	.3	.1	.0	.0	.0	.0					.0	1116	1171	1685	
62/ 61	.2	1.0	.7	.7	.7	.4	.3	.2	.0	.0	.0	.0	.0					.0	852	871	1366	
60/ 59	.2	.8	.8	.7	.4	.5	.3	.1	.0	.0	.0	.0	.0					.0	764	783	1186	
58/ 57	.1	.6	.7	.6	.4	.4	.2	.0	.0	.0	.0	.0	.0					.0	585	593	1086	
56/ 55	.1	.5	.4	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0					.0	448	457	1007	
54/ 53	.0	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0					.0	332	339	823	
52/ 51	.0	.2	.3	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0					.0	279	280	602	
50/ 49	.0	.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0					.0	209	213	633	
48/ 47		.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0					.0	152	152	431	
46/ 45		.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0					.0	68	68	356	
44/ 43		.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					.0	31	31	237	
42/ 41		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					.0	19	20	114	
40/ 39		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					.0	7	7	55	
38/ 37																					26	
36/ 35																					10	
34/ 33																						
32/ 31																					189	
30/ 29																					115	
28/ 27																					91	
																					57	
Element (X)	Z _X ¹	Z _X	X̄	s _X	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 Keesler AFB Mississippi/Biloxi 43-74 APR
STATION STATION NAME YEARS MONTH
PAGE 2 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
26/ 25																					24
24/ 23																					14
27/ 21																					8
20/ 19																					2
18/ 17																					3
TCTAL	2.5	19.0	22.9	18.9	14.4	9.2	5.8	3.2	2.1	1.2	.6	.2	.1	.0				20858		20118	
																	20119		20119		

Element (X)	Σx'	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	112642130	1465112	72.8	17.160	20114							
Dry Bulb	100578868	1439540	69.0	7.671	20858			489.9	259.3	39.7	.1	720
Wet Bulb	81426398	1269752	63.1	8.007	20119			297.3	58.9			720
Dew Point	72499958	1188604	59.1	10.655	20118		11.2	211.8	17.9			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

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-74

MAY

STATION

STATION NAME

YEARS

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
98/ 97								.0										1	1		
96/ 95							.0	.0	.0		.0	.0	.0					17	17		
94/ 93							.0	.0	.0	.0	.0	.0	.0					21	21		
92/ 91						.0	.0	.0	.0	.0	.0	.0	.0	.0				46	46		
90/ 89				.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0				184	184		
88/ 87				.0	.2	.4	.6	.4	.4	.2	.1	.1	.0	.0				524	524		
86/ 85			.0	.1	.6	1.4	1.2	.7	.4	.2	.1	.0	.0					1050	1060	1	
84/ 83			.1	.6	1.8	2.3	1.3	.5	.4	.2	.1	.0	.0					1559	1586	7	
82/ 81	.0	.3	2.0	3.1	2.4	1.1	.6	.2	.2	.1	.0	.0						2170	2238	28	7
80/ 79	.1	1.7	4.2	3.6	2.0	.9	.5	.3	.2	.2	.0	.0	.0					2953	3045	167	27
78/ 77	.0	.7	3.2	4.2	2.5	1.3	.7	.3	.3	.2	.1	.0						2914	3033	720	134
76/ 75	.0	1.1	3.5	3.3	1.7	.9	.4	.3	.3	.2	.0		.0					2553	2640	2275	572
74/ 73	.0	1.5	3.1	2.3	.9	.6	.4	.2	.2	.1	.0		.0					2030	2079	3629	1778
72/ 71	.0	2.0	2.4	1.2	.8	.4	.3	.2	.1	.1	.0							1651	1697	3805	2892
70/ 69	.2	1.8	1.5	1.1	.5	.3	.3	.2	.1	.0	.0							1315	1355	3181	3623
68/ 67	.2	1.1	1.1	.6	.4	.2	.2	.1	.0	.0		.0						856	886	2334	3154
66/ 65	.2	.6	.7	.5	.3	.1	.1	.0	.0									549	568	1505	2353
64/ 63	.1	.3	.4	.5	.2	.2	.0	.0										364	384	1078	1557
62/ 61	.0	.2	.3	.3	.2	.1	.0	.0										223	240	780	1157
60/ 59	.0	.1	.2	.3	.2	.1	.0											191	200	621	926
58/ 57	.1	.2	.2	.2	.1	.0	.0	.0										142	145	457	680
56/ 55	.0	.1	.1	.2	.0	.0												104	104	352	556
54/ 53	.0	.1	.1	.0	.0													67	67	247	414
52/ 51	.0	.1	.0	.0														29	29	141	359
50/ 49	.0	.0	.0															10	10	124	344
48/ 47		.0																1	1	49	328
46/ 45																				21	261
44/ 43																				3	149
42/ 41																				1	114
40/ 39																					72
38/ 37																					28
36/ 35																					21
34/ 33																					11
32/ 31																					2
Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74

MAY
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 ALL

PAGE 2

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																						2
24/ 23																						1
20/ 19																						1
18/ 17																						2
14/ 13																						1
TOTAL	.0	9.9	19.0	21.8	17.2	13.1	7.9	4.4	2.9	1.6	.9	.3	.1	.0	.0				22160		21526	
																			21525		21526	
Element (X)	Σx ²	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total										
Ref. Hum.	112985126	1527302	71.0	14.629	21523	≤ 0 F	- 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	129662664	1688746	76.2	6.611	22160			685.3	553.1	246.0	1.3	744										
Wet Bulb	103771361	1489315	69.2	5.825	21526			558.1	236.0	3.3		744										
Dew Point	93479825	1409341	65.5	7.492	21526		.3	421.2	87.0	.4		744										

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-74 JUN

STATION STATION NAME YEARS 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			
100/ 99							.0	.0	.0	.0	.0	.0						11	11					
98/ 97							.0	.0	.0	.0	.0	.0						24	24					
96/ 95							.0	.1	.1	.1	.0	.0						79	79					
94/ 93					.0	.0	.1	.3	.2	.1	.1	.0	.0	.0				178	178					
92/ 91					.0	.3	.8	.5	.4	.1	.1	.0	.0					406	486					
90/ 89				.0	.3	1.4	2.0	1.0	.4	.2	.1	.0	.0					1185	1186					
88/ 87			.0	.3	1.3	3.4	2.5	.9	.4	.2	.1	.0	.0					1967	1967					
86/ 85			.1	1.1	4.0	4.3	1.9	.9	.4	.1	.1	.0						2778	2782					
84/ 83		.0	.7	3.4	4.6	2.5	1.1	.6	.2	.1	.0	.0						2900	2904	53	3			
82/ 81	.0	.1	2.1	5.2	3.0	1.3	.7	.3	.2	.1	.0							2849	2850	342	31			
80/ 79	.0	.6	4.1	3.9	1.8	.8	.5	.2	.1	.0	.0	.0						2646	2647	1730	156			
78/ 77	.0	2.0	4.1	2.1	1.0	.4	.2	.1	.0	.0	.0							2188	2188	4243	1078			
76/ 75	.1	2.8	3.1	1.2	.5	.3	.2	.0	.0	.0	.0							1771	1772	5402	3299			
74/ 73	.2	2.7	1.7	.8	.3	.2	.0	.0	.0	.0								1263	1263	3927	5264			
72/ 71	.2	1.4	1.0	.4	.2	.1	.0	.0										710	710	2723	4369			
70/ 69	.1	.6	.5	.3	.2	.1	.0	.0										394	395	1452	2748			
68/ 67		.2	.2	.2	.1	.0		.0										160	161	849	1608			
66/ 65		.0	.2	.2	.1													85	85	457	1062			
64/ 63		.0	.0	.0	.0	.0	.0											21	21	237	664			
62/ 61			.0	.0	.0	.0												16	16	159	438			
60/ 59			.0	.0		.0												9	9	84	349			
58/ 57			.0															1	1	37	210			
56/ 55																				13	152			
54/ 53																				6	87			
52/ 51																				2	37			
50/ 49																				1	34			
48/ 47																					14			
46/ 45																					3			
44/ 43																					3			
42/ 41																				1	7			
40/ 39																					3			
32/ 22																					1			
TOTAL	.7	10.4	17.8	19.2	17.4	15.2	10.1	5.0	2.4	1.0	.6	.2	.1	.0				21721	21735	21720				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	117655899	1573267	72.4	13.039	21719	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720												
Dry Bulb	144433097	1767579	81.3	5.620	21735			715.6	673.7	464.9	9.7	720												
Wet Bulb	119888758	1611434	74.2	3.956	21721			687.0	520.4	34.7		720												
Dew Point	110273616	1544074	71.1	4.824	21720	.0	.0	618.4	329.2	3.3		720												

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 KEESLER AFB MISSISSIPPI/BILOXI 42-74

'UL

STATION

STATION NAME

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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	9-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
102/101									.0									1	1			
100/ 99											.0	.0						5	5			
98/ 97								.0	.0	.1	.1	.0						48	48			
96/ 95							.0	.1	.2	.2	.0	.0	.0					138	138			
94/ 93			.0		.0	.1	.4	.5	.4	.1	.0	.0						352	352			
92/ 91		.0		.0	.1	.6	1.5	.9	.4	.2	.0	.0	.0					862	863			
90/ 89			.0	.1	.6	2.7	2.8	1.0	.3	.1	.1	.0						1755	1759	3	2	
88/ 87		.0	.0	.3	2.6	4.8	2.2	.6	.1	.1	.0		.0					2442	2447		1	
86/ 85	.0	.0	.2	1.8	5.5	3.5	1.0	.2	.1	.0	.0							2809	2816	24	2	
84/ 83		.0	.9	4.7	4.5	1.4	.3	.1	.0	.0								2698	2706	99	27	
82/ 81	.0	.4	3.4	5.9	1.8	.4	.1	.1	.0	.0								2790	2792	730	66	
80/ 79	.0	1.5	6.8	3.8	.9	.2	.1	.0	.0									3059	3063	3193	454	
78/ 77	.1	3.5	5.6	1.5	.3	.1	.1	.0										2545	2550	6309	2212	
76/ 75	.2	4.6	2.9	.6	.2	.1	.0	.0										2006	2019	6189	5773	
74/ 73	.3	2.5	1.1	.2	.1	.1	.0											987	988	3704	6955	
72/ 71	.1	.7	.3	.1	.1	.0												291	291	1691	4079	
70/ 69	.0	.1	.1	.1	.0	.0												71	71	602	1882	
68/ 67	.0	.0	.0	.0	.0	.0												15	15	171	705	
66/ 65			.0		.0													4	4	97	292	
64/ 63			.0	.0	.0													5	5	44	153	
62/ 61		.0																2	2	17	123	
60/ 59		.0																1	1	8	77	
58/ 57																				5	47	
56/ 55																					25	
54/ 53																					7	
52/ 51																					2	
50/ 49																					1	
TOTAL		.813	4.21	3.19	2.16	6.13	.9	8.5	3.5	1.5	.8	.3	.1	.0	.0				22936		22885	
																		22886		22886		
Element (X)	Σx²	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	132867331	1721129	75.2	12.205	22882	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb	156441617	1890317	82.4	5.313	22936			745.6	731.4	508.4	17.6	744										
Wet Bulb	132165063	1737855	75.9	2.960	22886			738.4	658.3	69.2		744										
Dew Point	123325554	1678348	73.3	3.227	22885			720.4	503.7	7.1		744										

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

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DATA PROCESSING BRANCH
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PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 AUG
STATION STATION NAME YEARS MONTH
PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥31	Dry Bulb	Wet Bulb
104/103													.0					1	1	
102/101												.0	.0	.0				4	4	
100/99												.0	.0	.0	.0			20	20	
98/97								.0	.0	.0	.1	.0	.0	.0	.0			33	33	
96/95						.0	.0	.2	.2	.1	.1	.0	.0	.0				135	142	
94/93					.0	.1	.4	.6	.3	.2	.1	.0	.0					370	382	
92/91	.0			.0	.1	.6	1.5	.9	.4	.2	.1	.1						830	874	1
90/89		.0	.0	.1	.4	2.5	2.6	1.2	.5	.2	.1	.0						1695	1808	
88/87			.0	.2	2.1	4.2	2.3	.8	.3	.1	.0	.0						2218	2342	1
86/85		.0	.2	1.3	4.4	3.5	1.2	.6	.1	.1	.0			.0				2488	2620	14
84/83	.0	.0	.7	4.1	3.6	1.6	.5	.2	.1	.1	.0							2383	2502	112
82/81	.0	.3	2.8	4.6	1.8	.7	.3	.1	.0	.0								2342	2446	647
80/79	.0	1.4	6.4	3.2	1.0	.4	.1	.1	.0	.0								2786	2930	2615
78/77	.1	3.9	5.7	1.6	.6	.2	.1	.0										2660	2780	5299
76/75	.3	5.3	3.7	1.0	.4	.1	.0			.0								2370	2474	5655
74/73	.2	2.3	1.7	.5	.2	.1	.0											1093	1180	4005
72/71	.1	.6	.6	.2	.1	.0												366	412	2039
70/69	.0	.2	.2	.1	.1													122	133	923
68/67		.1	.1	.1	.0	.0												48	50	364
66/65		.0	.0	.0														12	15	167
64/63			.0	.0														6	6	84
62/61			.0	.0														2	2	45
60/59																			9	134
58/57																			5	97
56/55																				41
54/53																				8
52/51																				1
48/47																				1
44/43																				1
42/41																				1
TOTAL	.7	14.0	22.0	17.0	14.9	14.0	9.1	4.6	1.9	.9	.3	.2	.1	.0	.0			21984	23158	21987
Element (X)	Σx'		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	125978263		1639349		74.6		13.039		21985		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	156599822		1899928		82.0		3.599		23158				742.2	724.1	475.0	18.7	744			
Wet Bulb	125225421		1657677		75.4		3.276		21985				733.5	621.0	61.8		744			
Dew Point	116424956		1597822		72.7		3.751		21987				694.0	432.0	6.7		744			

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

DATA PROCESSING BRANCH
 USAF ETAC
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PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 SEP

STATION

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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	DB./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97									.0		.0							3	3		
96/ 95						.0		.0	.0	.0	.0							16	17		
94/ 93				.0		.0	.0	.1	.1	.1	.1							79	83		
92/ 91					.1	.2	.5	.3	.3	.1	.0	.0	.0	.0				304	311		
90/ 89				.0	.3	.9	1.0	.6	.4	.1	.0	.0	.0	.0				708	727		
88/ 87			.0	.2	1.1	2.1	1.2	.6	.3	.2	.1	.0	.0	.0				1196	1238	1	
86/ 85		.0	.1	.8	2.6	2.3	1.2	.6	.3	.1	.1	.0	.0					1697	1770	3	1
84/ 83		.1	.6	2.8	2.5	1.7	.9	.4	.3	.2	.1	.0	.0					1966	2059	52	10
82/ 81		.2	2.4	3.6	2.2	1.0	.5	.3	.2	.1	.1	.0						2186	2315	247	69
80/ 79	.0	1.1	4.0	3.1	1.4	.8	.3	.2	.2	.1	.0	.0						2342	2447	1190	160
78/ 77	.1	2.7	4.0	2.1	.9	.5	.3	.2	.1	.0	.0							2263	2382	2972	1017
76/ 75	.4	4.5	3.5	1.5	.6	.5	.2	.1	.1	.0								2339	2500	3840	2937
74/ 73	.5	4.2	2.5	.9	.5	.3	.2	.1	.0									1922	2031	3628	3737
72/ 71	.6	2.4	1.8	.8	.5	.3	.2	.0	.0									1374	1443	2853	3528
70/ 69	.2	1.4	1.1	.8	.3	.3	.1	.0	.0									878	935	1800	2569
68/ 67	.1	.5	.7	.5	.4	.1	.0	.0	.0									493	515	1217	1790
66/ 65	.0	.4	.4	.5	.3	.1	.0	.0										370	382	863	1156
64/ 63		.2	.3	.4	.2	.0	.0											231	238	629	757
62/ 61	.0	.2	.1	.2	.1	.0	.0	.0										151	158	492	687
60/ 59	.0	.1	.1	.1	.1	.0	.0											82	95	385	588
58/ 57		.0	.0	.1	.0	.0	.0											33	37	208	444
56/ 55		.0	.0	.1	.0													17	19	135	359
54/ 53			.0	.0	.0													11	11	78	283
52/ 51			.0	.0	.0													6	6	37	217
50/ 49			.0															2	2	18	161
48/ 47				.0														3	3	15	83
46/ 45			.0	.0														2	2	5	52
44/ 43																				3	19
42/ 41																				3	22
40/ 39																					10
38/ 37																					9
36/ 35																					7
34/ 33																					2
Element (X)	Σ x'	Σ x	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74

SEP

STATION

STATION NAME

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ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.0	17.9	21.9	18.4	14.2	11.1	6.7	3.6	2.3	1.1	.5	.2	.1	.0				20674	21729	20674	20674
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	121863872	1559674	75.4	14.244	20673	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720									
Dry Bulb	134531787	1703721	78.4	6.602	21729			688.4	592.6	326.7	3.4	720									
Wet Bulb	108736227	1493079	72.3	3.462	20674			620.0	415.6	24.3		720									
Dew Point	100641569	1436029	69.5	6.576	20674			550.9	276.2	4.1		720									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74 OCT
 STATION STATION NAME YEARS MONTH
 PAGE 1 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb
92/ 91							.0										1	5		
90/ 89						.1	.1	.0	.0	.0							45	50		
88/ 87					.1	.2	.1	.0	.1	.1	.0	.0	.0	.0			125	138		
86/ 85				.1	.3	.4	.3	.2	.2	.1	.0	.0	.0				371	391		
84/ 83			.0	.4	.6	.6	.3	.3	.2	.2	.1	.1	.0	.0			598	633		
82/ 81		.0	.3	1.0	1.0	.7	.6	.4	.2	.2	.1	.1	.0				983	1050	4	
80/ 79		.2	1.1	1.3	1.5	1.1	.6	.4	.4	.3	.1	.1	.0				1487	1603	96	7
78/ 77	.0	.6	1.3	1.4	1.3	1.0	.7	.5	.3	.2	.1	.0	.0	.0			1579	1693	413	90
76/ 75	.1	1.6	1.7	1.6	1.1	.8	.6	.5	.2	.2	.1	.0	.0				1802	1915	918	470
74/ 73	.3	1.9	2.4	1.4	.9	.5	.4	.4	.2	.2	.1	.0	.0				1824	1923	1520	1035
72/ 71	.4	1.8	1.9	1.4	.8	.6	.4	.3	.2	.1	.0	.0					1702	1829	1809	1290
70/ 69	.3	2.0	2.1	1.2	.8	.6	.3	.3	.2	.1	.0	.0					1652	1785	2068	1636
68/ 67	.3	2.1	1.9	1.0	.8	.5	.4	.3	.2	.0	.0						1632	1771	1905	1685
66/ 65	.2	2.0	1.8	1.0	.7	.4	.4	.3	.1	.0							1475	1593	1881	1713
64/ 63	.3	1.7	1.3	1.0	.6	.5	.4	.2	.1	.0							1266	1316	1713	1660
62/ 61	.3	1.4	1.2	.8	.7	.4	.2	.1	.0								1077	1120	1638	1511
60/ 59	.2	1.2	1.0	.9	.6	.4	.1	.0	.0								946	969	1393	1336
58/ 57	.1	.8	.9	.9	.5	.2	.1	.0									726	745	1155	1257
56/ 55	.0	.5	.8	.6	.5	.2	.1	.0									573	586	1054	1148
54/ 53	.0	.4	.5	.6	.3	.1	.0										414	422	987	929
52/ 51	.0	.3	.5	.4	.2	.0	.0										306	312	792	850
50/ 49	.0	.2	.4	.2	.1	.0	.0										217	219	603	802
48/ 47		.1	.4	.1	.0	.0											136	138	460	684
46/ 45		.1	.2	.1	.0	.0											83	83	301	640
44/ 43		.1	.1	.1	.0												52	52	195	584
42/ 41		.0	.1	.0													36	36	89	547
40/ 39		.0	.0	.0													16	16	70	433
38/ 37		.0															4	4	45	247
36/ 35		.0															1	1	17	218
34/ 33																			4	151
32/ 31																				74
30/ 29																				58
28/ 27																				20
26/ 25																				23
Element (X)	Σ x ²	Σ x	Σ	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 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
24/ 23																					21	
22/ 21																					10	
TOTAL	2.4	19.0	21.7	17.7	13.5	9.4	6.2	4.3	2.9	1.6	.9	.4	.1	.0			21129	22398	21130	21129		
Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	115885189	1521113	72.0	17.354	21126	≤ 0 F	≤ 2° F	≥ 67 F	≥ 73 F	≥ 80 F	> 93 F	744										
Dry Bulb	110758891	1562357	69.8	8.909	22398			491.2	312.3	103.0		744										
Wet Bulb	86444501	1339683	63.4	8.443	21130			307.5	103.9	.7		744										
Dew Point	76651426	1252884	59.3	10.567	21129			7.3	218.8	56.4		744										

USAF ETAC 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

13020 KEESLER AFB MISSISSIPPI/BILOXI 42-74 NOV

STATION

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83			.0		.0	.0	.0	.0										10	10		
82/ 81			.0	.0	.1	.0	.0	.0										40	40		
80/ 79			.1	.2	.2	.2	.1	.0	.0		.0							163	163	2	
78/ 77		.1	.3	.4	.3	.2	.1	.0	.0	.0	.0							322	324	3	2
76/ 75	.0	.3	.8	.9	.6	.2	.2	.1	.1	.0	.0							660	679	62	27
74/ 73	.1	.6	1.1	1.1	.6	.4	.2	.1	.0	.1	.0							902	952	260	96
72/ 71	.2	1.2	1.6	1.0	.6	.4	.3	.1	.1	.0	.0	.0						1199	1247	612	357
70/ 69	.6	2.1	1.9	1.1	.7	.6	.3	.1	.2	.1	.0	.0						1648	1721	1036	733
68/ 67	.7	2.2	1.8	.8	.6	.7	.3	.2	.2	.1	.0							1596	1662	1462	1080
66/ 65	.7	2.1	1.7	.9	.7	.6	.4	.2	.2	.1	.0							1595	1695	1365	1327
64/ 63	.7	2.0	1.2	1.0	.7	.6	.4	.3	.2	.1								1530	1590	1448	1290
62/ 61	.3	2.0	1.2	1.0	.8	.6	.5	.3	.1									1437	1509	1230	1096
60/ 59	.4	1.9	1.4	1.0	.7	.6	.4	.2	.1	.0								1446	1531	1370	1183
58/ 57	.3	1.5	1.2	.8	.7	.5	.4	.2	.2	.0								1212	1285	1315	1082
56/ 55	.2	1.2	1.3	1.0	.8	.5	.3	.1	.0									1195	1265	1276	1070
54/ 53	.3	1.1	1.2	1.0	.7	.4	.2	.1										1066	1116	1191	1028
52/ 51	.2	1.0	1.1	1.0	.7	.4	.2											978	1021	1238	977
50/ 49	.2	1.0	1.4	1.0	.7	.3	.1	.0										986	1014	1271	970
48/ 47	.1	.8	1.2	1.0	.7	.3	.0											886	919	1169	964
46/ 45	.1	.8	1.2	.9	.4	.1	.0											735	775	1119	896
44/ 43	.0	.5	.9	.7	.3	.1	.0											537	555	978	911
42/ 41	.0	.4	.7	.5	.2	.0												394	399	861	930
40/ 39	.0	.2	.5	.3	.1													250	262	698	873
38/ 37	.0	.2	.3	.2	.0	.0												177	180	480	762
36/ 35		.1	.3	.1	.0													112	115	321	707
34/ 33		.0	.2	.1														60	62	178	663
32/ 31		.1	.1	.0														42	45	118	580
30/ 29		.0	.0	.0														16	22	83	452
28/ 27			.0															7	7	32	298
26/ 25		.0	.0															2	2	13	300
24/ 23																				12	204
22/ 21																					130
20/ 19																					74
18/ 17																					58
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
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PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74
STATION STATION NAME YEARS

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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																																									36
14/13																																									27
12/11																																									12
10/9																																									6
8/7																																									2
TOTAL	5.3	23.4	24.8	18.1	12.0	7.8	4.4	2.3	1.3	.5	.2	.0																												21203	
																																									21203
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature							Total																												
Rel. Hum.	120325976	1550696	73.1	18.033	21199	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720																													
Dry Bulb	82324210	1332318	60.1	10.068	22167		2.5	220.8	70.4	3.6		720																													
Wet Bulb	66759942	1169388	55.2	10.338	21203		8.8	116.7	11.1			720																													
Dew Point	58029105	1073971	50.7	13.086	21203		14.0	77.9	4.2			720																													

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

DATA PROCESSING BRANCH
 USAF ETAC
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PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILDXI

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-2	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79							.0	.0									3	3		
78/ 77			.0	.0	.0	.0	.0										20	20		
76/ 75			.0	.1	.0	.1	.0			.0							47	47		
74/ 73		.1	.3	.2	.1	.1	.0	.0		.0							154	154	3	
72/ 71	.0	.3	.4	.3	.1	.1	.1	.0	.0	.0							310	317	46	18
70/ 69	.2	1.4	1.0	.3	.3	.2	.1	.0	.0	.0							771	793	274	145
68/ 67	.5	1.8	1.2	.4	.4	.2	.1	.0	.0	.0							1043	1076	687	529
66/ 65	1.0	2.6	1.4	.6	.4	.2	.1	.1	.1	.0							1423	1474	986	774
64/ 63	1.1	2.9	1.3	.5	.4	.3	.2	.1	.1	.0							1498	1535	1223	1084
62/ 61	.9	2.7	1.1	.8	.5	.4	.2	.1	.1	.0							1431	1461	1311	1096
60/ 59	1.1	2.6	1.3	1.1	.6	.5	.2	.1	.1	.0	.0						1661	1675	1339	1206
58/ 57	.5	2.2	1.4	.8	.7	.5	.3	.1	.0		.0						1418	1430	1227	1093
56/ 55	.3	2.1	1.3	.9	.6	.6	.3	.1	.0								1345	1372	1221	972
54/ 53	.3	1.9	1.3	1.0	.8	.5	.2	.0	.0								1298	1327	1229	971
52/ 51	.3	1.7	1.4	1.0	.7	.4	.2	.0									1262	1286	1179	1078
50/ 49	.4	2.1	1.7	1.1	.7	.5	.2	.0									1466	1483	1353	1092
48/ 47	.3	1.7	1.3	1.2	.7	.3	.1										1233	1251	1408	1046
46/ 45	.2	1.6	1.5	1.0	.6	.2	.1										1117	1139	1375	1078
44/ 43	.2	1.3	1.6	.8	.5	.2	.0										985	998	1240	1035
42/ 41	.2	1.4	1.3	.8	.4	.1											917	925	1225	1036
40/ 39	.2	.9	1.2	.6	.3	.0											685	701	1218	1011
38/ 37	.1	.8	.7	.6	.2	.0											529	534	859	987
36/ 35	.1	.6	.7	.4	.0												394	398	742	974
34/ 33	.0	.5	.5	.3	.0												302	302	515	875
32/ 31	.1	.3	.4	.2	.0												212	213	449	753
30/ 29	.0	.2	.4	.1	.0												157	158	268	657
28/ 27		.1	.2	.0													67	67	200	442
26/ 25		.1	.1	.0													39	39	140	511
24/ 23		.0	.0	.0													18	18	61	354
22/ 21	.0	.0	.0														12	14	23	281
20/ 19		.0	.0														6	6	14	217
18/ 17			.0														4	4	7	219
16/ 15		.0															2	2	2	164
14/ 13		.0															3	3	5	74
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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 DEC
 STATION STATION NAME YEARS MONTH
 PAGE 2 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
12/ 11			0																3	3	4	22
10/ 9																					2	12
8/ 7																				1		8
6/ 5																						8
4/ 3																						10
2/ 1																						20
0/ -1																						3
TOTAL	7.9	33.9	25.1	5.0	0.9	5.3	2.5	.8	.4	.1	.0									22229	21855	
																				21855	21855	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	- 12 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	134668796	1671500	76.5	17.657	21852							
Dry Bulb	67183877	1200187	54.0	10.355	22229		17.7	80.7	7.5	.1		144
Wet Bulb	57448000	1095704	50.1	10.727	21855		40.7	34.4	.1			144
Dew Point	50257070	1008460	46.1	13.372	21855	.1	127.8	23.6				144

USAFETAC FORM 0-26-5 (OL A) JUL 62 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KLEESLER AFB MISSISSIPPI/BILDXI 43-65,69,74

JAN
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 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
70/ 69	.1	.5	.1															15	15	8	4		
68/ 67	.2	1.8	.4															52	52	21	20		
66/ 65	2.4	2.7	.6															132	133	114	99		
64/ 63	1.9	2.4	.2															102	104	102	94		
62/ 61	2.2	3.4	.4	.0	.1	.0												135	136	124	108		
60/ 59	2.0	4.2	.5	.0	.1	.1	.0											175	175	146	150		
58/ 57	1.6	2.7	.8	.2	.0													123	123	131	125		
56/ 55	1.4	3.0	1.1	.2	.1	.1												131	132	112	104		
54/ 53	.5	2.3	1.5	.4	.0	.0												106	106	96	88		
52/ 51	.7	2.9	1.4	.5	.2													124	124	105	91		
50/ 49	.0	2.2	1.5	.5	.7													126	127	117	100		
48/ 47	.3	1.6	1.9	1.0	.4	.2												119	120	100	87		
45	.1	1.6	2.0	1.0	.3	.1												116	118	76	80		
43	1.0	2.6	2.0	1.0	.5													157	165	140	86		
42/ 41	1.2	2.4	1.9	.9	.2													146	149	155	126		
40/ 39	.4	1.4	1.5	1.3	.3													108	111	144	101		
38/ 37	.2	1.7	1.0	.8	.2													86	86	105	98		
36/ 35	.2	2.0	.9	.8														85	85	114	101		
34/ 33	.3	.8	1.0	.5														54	54	91	117		
32/ 31	.0	.5	1.0	.5														43	45	59	91		
30/ 29		.4	.6	.5														31	31	44	62		
28/ 27		.1	.1	.0														6	6	32	37		
26/ 25		.1	.3	.1														12	12	27	47		
24/ 23		.2	.0															6	6	16	43		
22/ 21			.2															5	5	9	32		
20/ 19		.1	.1															4	4	5	23		
18/ 17		.0	.0															2	2	5	23		
16/ 15		.1	.0															4	4	3	20		
14/ 13																				3	15		
12/ 11																				1	7		
10/ 9																					7		
8/ 7																					7		
6/ 5																					3		
4/ 3																					4		
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total										
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

13020 KEESLER AFB MISSISSIPPI/BILOXI 43-65,69,74 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																						3
0/ -1																						1
-2/ -3																						1
TOTAL	12.74	3.92	3.21	0.2	3.4	.5	.0													2230		2205
																			2205		2205	
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature							Total							
Rel. Hum.	15883705		184125		83.5	15.19	2205	≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	5833581		111533		50.0	10.702	2230		4.8	2.8				93								
Wet Bulb	5330846		105380		47.8	11.561	2205		8.6	1.2				93								
Dew Point	4888299		99081		44.9	14.067	2205	.1	18.0	1.0				93								

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILDXI 43-66,69-74 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
70/ 69	.0	.4	.1															14	16	4	2
68/ 67	.5	1.4	.2															48	50	24	23
66/ 65	2.6	2.3	.3	.0	.0													122	124	116	90
64/ 63	2.5	2.6	.2	.1														129	136	107	114
62/ 61	2.3	2.5	.4	.0														134	137	133	118
60/ 59	3.2	3.2	.4		.1	.0												165	167	158	150
58/ 57	1.2	2.5	.4	.1		.0	.1											103	103	102	109
56/ 55	.8	2.6	.7	.2	.0	.0												102	103	92	84
54/ 53	1.0	2.8	1.4	.4														130	130	97	99
52/ 51	.7	2.9	1.2	.2	.2	.2												125	126	105	73
50/ 49	.0	1.8	1.3	.5	.3	.0												111	112	128	111
48/ 47	.3	2.1	1.7	1.1	.3	.1												133	131	76	92
46/ 45	.6	2.5	1.3	.8	.2													125	127	112	81
44/ 43	.3	2.3	2.2	.9	.2													146	151	132	114
42/ 41	.7	2.4	2.3	.9	.3													155	161	141	84
40/ 39	.9	1.6	2.2	.8	.1													133	135	166	130
38/ 37	.4	1.9	1.5	.7														105	110	123	90
36/ 35	.3	2.1	1.5	.7	.1													112	112	127	121
34/ 33	.4	1.4	.9	.3	.1													74	74	110	123
32/ 31	.1	.8	1.3	.2														57	59	83	110
30/ 29	.0	.4	1.5	.3														52	54	59	81
28/ 27		.3	.8	.0														26	26	48	55
26/ 25		.1	.1	.0														6	6	41	64
24/ 23		.3	.3															15	15	21	43
22/ 21		.1	.0															4	4	15	34
20/ 19		.3																6	6	6	41
18/ 17		.2																4	4	9	29
16/ 15		.1	.0															3	3	2	22
14/ 13		.1	.0															3	3	1	18
12/ 11		.1																2	2	4	11
10/ 9																				2	9
8/ 7																					7
6/ 5																					4
4/ 3																					2
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI STATION NAME 43-66,69-74 YEARS JAN 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
2/ 1																				1	
0/ -1																				4	
-4/ -5																				1	
TOTAL	20.1	43.9	24.4	8.4	2.0	.5	.1										2389		2344		
																	2344		2344		
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	17024046	196748	84.0	14.649	2343	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5994863	116579	48.8	11.320	2389		7.1	2.6				93									
Wet Bulb	5444904	109370	46.7	12.077	2344		11.5	1.1				93									
Dew Point	5001191	102855	43.9	14.430	2344	.2	21.3	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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 JAN
STATION STATION NAME YEARS MONTH
PAGE: 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.0																1	1		
70/ 69	.2	.5	.1															22	22	9	7
68/ 67	.3	1.5	.2															60	61	33	22
66/ 65	1.8	2.6	.7															146	152	118	101
64/ 63	1.0	2.9	.7															157	162	135	125
62/ 61	2.5	2.6	.3															158	166	174	157
60/ 59	2.0	3.1	.8	.1	.1	.0												175	177	154	152
58/ 57	.9	2.5	1.0	.1	.1	.0	.0											133	135	118	126
56/ 55	.8	2.6	.8	.3		.0												133	134	123	113
54/ 53	.5	2.9	1.1	.5	.1	.1												148	148	121	107
52/ 51	.4	2.5	1.0	.2	.1	.1												124	126	111	100
50/ 49	.6	2.0	1.2	.8	.3													142	143	143	124
48/ 47	.4	1.8	1.7	.8	.5	.1	.0											151	151	107	102
46/ 45	.6	2.1	1.3	.9	.1	.1												147	151	135	116
44/ 43	.5	2.7	2.0	.7	.1													172	176	149	110
42/ 41	.5	2.0	2.0	.7	.4													180	182	163	106
40/ 39	.0	1.8	2.2	.8	.2													159	161	176	143
38/ 37	.5	2.4	1.6	.9														156	159	174	114
36/ 35	.3	1.8	1.7	.6														128	130	165	140
34/ 33	.3	1.8	1.7	.6	.1													130	130	130	176
32/ 31	.2	1.5	1.2	.3														93	94	126	136
30/ 29	.1	.6	1.4	.1														65	65	112	106
28/ 27		.5	.4	.2														32	32	72	91
26/ 25		.2	.6															25	25	48	84
24/ 23		.2	.3															15	15	26	77
22/ 21		.2	.2															10	10	23	53
20/ 19		.1																4	4	14	46
18/ 17		.2	.0															6	6	9	39
16/ 15		.1	.0															4	4	4	34
14/ 13		.1																5	4	4	18
12/ 11		.0																1	1	4	15
10/ 9		.1																4	4	4	19
8/ 7																				1	3
6/ 5																					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 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 STATION KLESLER AFB MISSISSIPPI/BILUXI STATION NAME 43-74 YEARS JAN MONTH
 PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point		
4/ 3																					2		
2/ 1																					3		
0/ -1																					5		
-2/ -2																					2		
TOTAL	15.6	46.2	26.9	8.7	2.1	.4	.1											2885	2931	2885	2885		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.												Mean No. of Hours with Temperature						
Rel. Hum.	20314201	238477	82.7	14.361	2884												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	7215721	141319	48.2	11.713	2931													8.4	2.7				93
Wet Bulb	6508940	132302	45.9	12.376	2885													14.4	1.4				93
Dew Point	5922139	123625	42.9	14.718	2885												.2	24.0	.9				93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SUMMARY

13R20 STATION KESLER AFB MISSISSIPPI/BILUXI STATION NAME 43-74 YEARS JAN 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
10/ 9																					17
8/ 7																					5
6/ 5																					6
4/ 3																					3
2/ 1																					4
0/ -1																					5
-2/ -3																					2
TOTAL	7.0	24.3	25.7	21.3	12.7	6.0	2.2	.7	.1										2934		2903
																		2903			
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	16318432	210940	72.7	18.479	2903	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	8812904	157544	53.7	10.977	2934		2.9	11.0	.9			93									
Wet Bulb	7472357	143291	49.4	11.734	2903		7.3	4.9				93									
Dew Point	6387132	128816	44.4	15.207	2903	.2	22.0	2.6				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

13820 KLESLER AFB MISSISSIPPI/BILOXI 43-74

JAN
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
80/ 79						.1	.0											3	3						
78/ 77		.0		.0	.1													5	5						
76/ 75			.0	.8	.3	.0												34	34	1					
74/ 73		.0	.6	.8	.1	.0	.1	.1	.0									49	49		1				
72/ 71		.3	1.9	1.0	.1	.1	.1		.1	.1								108	108	11	1				
70/ 69	.0	1.1	2.5	1.5	.6	.2	.1	.0	.0									179	181	72	14				
68/ 67	.2	1.7	2.8	1.5	.8	.4	.2	.1	.2									231	233	134	87				
66/ 65	.6	1.5	1.9	1.9	1.1	1.0	.4	.1	.1	.1								251	251	201	145				
64/ 63	.4	1.5	1.4	1.4	1.2	.8	.5	.3	.1	.1								225	227	168	196				
62/ 61	.4	1.1	1.1	1.3	1.3	.5	.4	.3	.2	.0								194	197	170	145				
60/ 59	.6	1.3	.8	.9	1.1	1.0	.7	.5	.2									205	207	179	137				
58/ 57	.2	1.0	1.0	1.6	1.4	.8	.8	.4	.1									217	220	180	147				
56/ 55		.9	1.2	1.3	1.7	1.3	.8	.4	.1									225	232	149	125				
54/ 53	.1	.8	.7	1.3	1.0	.8	.8	.2	.1									166	167	167	118				
52/ 51	.4	.4	.7	.5	1.2	1.2	1.0	.1										150	150	180	118				
50/ 49	.2	.5	.6	.6	1.0	1.0	.3	.1										124	126	175	138				
48/ 47	.1	.3	.3	.9	.8	.5	.3											95	95	176	119				
46/ 45	.2	.7	.8	.8	1.0	.7	.2											128	128	167	130				
44/ 43	.1	.6	.8	.3	.8	.5	.1											97	97	143	126				
42/ 41	.0	.4	.6	.3	.7	.3	.0											71	71	174	115				
40/ 39	.1	.2	.2	.3	.6	.3	.0											53	53	137	112				
38/ 37		.2	.3	.3	.4	.1												34	34	89	116				
36/ 35	.1	.2	.2	.1	.1													19	19	72	113				
34/ 33	.2	.3	.1	.1	.1													25	25	59	116				
32/ 31	.1	.1	.1	.1	.1													11	11	57	88				
30/ 29			.1	.1														7	7	24	93				
28/ 27				.0														1	1	9	66				
26/ 25				.1														3	3	9	62				
24/ 23			.1	.0														3	3	3	61				
22/ 21			.0															1	1	4	61				
20/ 19																				3	30				
18/ 17																				1	32				
16/ 15																					24				
14/ 13																					26				
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

13820 KLEESLER AFB MISSISSIPPI/BILUXI 43-74 JAN
 STATION STATION NAME YEARS 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
12/ 11																					22
10/ 9																					12
8/ 7																					3
6/ 5																					5
4/ 3																					3
2/ 1																					0
0/ -1																					1
TOTAL	3.3	15.3	20.8	19.9	17.4	11.7	6.7	2.9	1.2	.3								2938		2914	
																		2914		2914	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	14185426	194662	66.8	20.105	2913							
Dry Bulb	10083524	169694	57.8	9.804	2938		.8	19.4	2.9	.1		93
Wet Bulb	8182408	151280	51.9	10.623	2914		3.5	7.0	.0			93
Dew Point	6724968	133116	45.7	14.869	2914	.0	19.0	3.3	.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

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 JAN
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77					.1					.0								4	4		
76/ 75		.0	.0	.3	.0			.0										12	12		
74/ 73			.4	.3	.2			.1	.0									27	27	1	
72/ 71		.4	.9	.4	.1	.0	.0	.1	.0									56	56	3	1
70/ 69	.0	1.6	2.2	1.0	.2	.0	.0	.1										150	150	42	10
68/ 67	.1	2.3	2.4	.7	.3	.3	.2	.1	.1									189	190	118	69
66/ 65	.3	2.5	2.5	1.1	.5	.5	.3	.1	.0									240	241	174	131
64/ 63	.0	2.6	1.9	1.4	.7	.4	.4	.2	.3									250	250	185	175
62/ 61	1.0	2.3	1.5	1.4	1.0	.2	.2	.3	.1	.0								236	238	195	184
60/ 59	.3	1.3	1.2	1.4	1.0	.5	.4	.5	.1									201	203	179	174
58/ 57	.3	1.3	1.4	2.0	1.4	.9	.4	.2	.0									232	236	166	113
56/ 55	.3	1.4	1.6	2.1	1.3	1.0	.4	.3	.1									252	258	174	144
54/ 53	.2	.8	1.2	1.6	1.0	.8	.6	.7										189	190	182	122
52/ 51	.1	.9	1.0	1.1	1.1	1.4	.6	.1										183	185	184	106
50/ 49		.5	.7	1.3	1.0	.9	.3	.0										137	138	212	158
48/ 47	.0	.3	.3	1.2	.9	.8	.5											117	117	154	138
46/ 45	.2	1.0	1.2	.7	.7	.6	.1											131	131	177	149
44/ 43	.2	.7	.7	.7	.6	.4	.0	.1										98	98	162	122
42/ 41	.2	.5	.7	.2	.4	.4	.1											70	70	183	146
40/ 39	.0	.2	.3	.4	.5	.3												55	55	121	108
38/ 37		.1	.1	.3	.1	.0												18	18	88	124
36/ 35	.0	.3	.2	.2	.2													31	31	69	117
34/ 33	.0	.5		.1	.0													19	19	63	91
32/ 31	.1	.1	.0	.1														8	8	43	91
30/ 29			.1	.2														9	9	17	81
28/ 27				.0														1	1	10	57
26/ 25			.0															1	1	9	68
24/ 23			.1															2	2	3	60
22/ 21																				2	33
20/ 19																				2	40
18/ 17																					28
16/ 15																					19
14/ 13																					14
12/ 11																					14
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≥ 0 F	≤ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 JAN
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
10/ 2																						15
8/ 7																						5
6/ 5																						3
4/ 3																						3
2/ 1																						5
TOTAL	4.5	21.4	22.9	20.2	13.4	9.5	4.7	2.3	1.1	.1	.0								2938		2918	
																			2918		2918	
Element (X)	Σ x'	Σ x	̄ x	σ _x	No. Obs.				Mean No. of Hours with Temperature							Total						
Ref. Hum.	154119	203978	69.9	19.683	2918				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93							
Dry Bulb	976194	167211	56.9	9.141	2938					.7	13.9	1.4			93							
Wet Bulb	811659	151022	51.8	10.148	2918					2.7	5.2	.0			93							
Dew Point	680660	134696	46.2	14.210	2918					17.1	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

13820 KLEESLER AFB MISSISSIPPI/BILLOXI 43-74 JAN
 STATION STATION NAME YEARS 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				
72/ 71		.2	.1															7	7						
70/ 69		1.2	.3															43	43	13	5				
68/ 67	.3	3.2	.6	.1	.1													126	129	66	54				
66/ 65	1.0	3.5	1.5	.2	.1	.1												188	190	128	117				
64/ 63	1.0	3.6	1.4	.4	.1	.1												138	188	165	117				
62/ 61	1.0	4.0	1.3	.3	.3	.1												218	218	209	197				
60/ 59	1.2	3.6	1.9	.5	.3	.2	.1	.1										229	229	189	187				
58/ 57	.6	2.7	1.8	.6	.3	.2	.2											183	184	170	146				
56/ 55	.6	2.3	2.2	1.2	.7	.4	.1											217	220	162	140				
54/ 53	.3	2.0	2.6	1.4	.4	.4	.1	.0										213	216	132	138				
52/ 51	.2	1.8	2.0	1.6	.8	.6	.1											203	203	177	116				
50/ 49	.3	1.1	1.3	1.3	1.1	.4	.1											172	175	190	128				
48/ 47	.2	1.2	2.1	1.5	1.2	.3	.1											193	197	178	145				
46/ 45	.2	1.2	1.7	1.1	1.0	.4												165	169	171	141				
44/ 43	.4	1.2	1.6	1.2	.7	.3												149	149	158	140				
42/ 41	.1	.2	1.2	.9	.7	.2												115	115	191	137				
40/ 39	.3	.6	1.1	1.0	.5	.1												104	104	154	140				
38/ 37	.3	.3	.4	.5	.4	.1												50	50	114	112				
36/ 35	.2	.6	.4	.2	.4													50	50	107	117				
34/ 33	.1	.5	.2	.4	.1													39	39	68	91				
32/ 31	.1	.1	.0	.4	.0													18	18	45	122				
30/ 29	.0	.0	.1	.0														7	7	30	98				
28/ 27		.0	.2	.1														9	9	25	55				
26/ 25		.1	.1	.1														7	7	17	60				
24/ 23																				6	32				
22/ 21			.1															2	2	5	35				
20/ 19			.0															1	1	3	22				
18/ 17																				2	23				
16/ 15																				1	31				
14/ 13																					11				
12/ 11																					20				
10/ 9																					6				
8/ 7																					3				
6/ 5																					5				
Element (X)	ΣX'	ΣX	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature							
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13829 KLESLER AFB MISSISSIPPI/BILUXI 43-74 JAN
 STATION STATION NAME YEARS 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
4/ 3																					3
2/ 1																					2
TOTAL	2.5	30.0	26.6	15.1	9.6	4.0	.7	.1									2896	2919	2896	2896	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel Hum.	18337553	224963	77.7	17.259	2896							
Dry Bulb	8568706	155774	53.4	9.362	2919		1.4	5.7				93
Wet Bulb	7543048	144648	49.9	10.405	2896		4.3	2.5				93
Dew Point	6675111	133289	46.0	13.663	2896		17.0	1.9				93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point	
72/ 71		.1																3	3			
70/ 69		1.0	.1															28	28	11	7	
68/ 67	.5	2.2	.3															81	84	42	29	
66/ 65	1.4	2.7	.9	.1			.0											137	139	116	106	
64/ 63	1.0	4.2	.8	.2	.1	.0	.0											191	191	147	122	
62/ 61	1.4	3.8	.3	.2	.2	.0												155	155	162	159	
60/ 59	1.9	4.4	1.1	.2	.1	.1	.0											208	208	176	172	
58/ 57	1.4	3.4	1.4	.2	.1	.0	.0											172	172	173	151	
56/ 55	.9	2.3	1.7	.8	.3	.2												153	164	144	137	
54/ 53	.4	2.4	1.3	.7	.5	.3												121	162	109	104	
52/ 51	.5	2.1	1.8	.6	.3	.3												147	147	145	105	
50/ 49	.3	2.0	2.3	1.0	.6	.2												171	173	128	115	
48/ 47	.3	1.7	2.0	1.1	1.2	.1												170	171	149	120	
46/ 45	.3	2.1	1.6	1.2	.7	.2												163	171	152	116	
44/ 43	.5	1.7	1.9	1.3	.9	.0												173	178	159	122	
42/ 41	.3	1.5	1.3	1.0	.6	.0												124	124	152	126	
40/ 39	.4	1.6	.9	.3	.7													116	116	168	135	
38/ 37	.3	1.1	.9	1.1	.2													93	93	131	116	
36/ 35	.2	1.0	.7	.5	.1													67	67	112	111	
34/ 33	.1	.6	.5	.5	.1													48	48	94	104	
32/ 31	.1	.3	.5	.6	.0													40	40	63	94	
30/ 29	.1	.0	.3	.3														20	20	38	86	
28/ 27			.1	.2														7	7	20	58	
26/ 25		.1	.2	.1														9	9	28	59	
24/ 23		.0	.1	.0														5	5	14	36	
22/ 21		.0	.2															5	5	5	37	
20/ 19			.1															2	2	5	30	
18/ 17																				5	21	
16/ 15		.1																2	2	1	23	
14/ 13																				2	17	
12/ 11																					18	
10/ 9																					7	
8/ 7																					7	
6/ 5																					4	
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

1327 STATION KEESLER AFB MISSISSIPPI/RILUXI 43-74 YEARS JAN 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
4/ 3																					5
2/ 1																					1
-2/ -3																					1
TOTAL	13.0	42.7	23.5	12.6	6.7	1.5	.1	.0										2084		2661	
																	2661		2661		

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel Hum	18156133	215363	81.0	16.451	2660							93
Dry Bulb	7391663	138223	51.5	10.093	2684		3.1	4.0				93
Wet Bulb	6658819	129769	48.8	11.694	2661		6.7	1.9				93
Dew Point	6008731	120883	45.4	13.945	2661	0	17.6	1.3				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

13820 KESLER AFB MISSISSIPPI/BILUXI 43-60,74 FLR
 STATION STATION NAME YEARS 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																
72/ 71		.4		.1																												11	11			
70/ 69	.1	2.0	.5	.1																												56	56	25	11	
68/ 67	.8	1.8	.6	.1																												67	67	59	62	
66/ 65	1.4	2.7	.8	.1	.1																											92	93	93	73	
64/ 63	2.0	4.1	.9	.4							.0																					150	150	116	105	
62/ 61	2.0	4.0	.7	.3	.2																											158	158	149	143	
60/ 59	2.1	3.4	1.0	.6	.3			.0																								152	152	129	142	
58/ 57	.1	2.2	1.2	.5	.2	.2	.0	.0																								129	129	108	85	
56/ 55	1.3	2.4	1.2	.5	.4	.3	.0																									126	126	120	106	
54/ 53	1.0	2.3	1.1	.9	.5	.7	.1																									159	159	114	90	
52/ 51	.2	2.4	1.5	1.7	.9	.2																										142	142	102	111	
50/ 49	.6	2.0	1.6	1.4	.5	.0																										143	143	101	85	
48/ 47	.2	1.7	1.0	1.2	.4	.2																										109	111	140	96	
46/ 45	.4	2.0	.9	.8	.4																											92	93	144	80	
44/ 43	.6	1.9	.6	1.3	.1																											95	95	123	104	
42/ 41	.2	1.1	1.4	.9	.4																											83	83	107	98	
40/ 39	.1	.8	1.8	.8	.3	.0																										80	80	70	96	
38/ 37	.2	.7	.4	.6	.1																											43	43	79	80	
36/ 35	.1	.4	.7	1.0	.1																											49	49	66	81	
34/ 33	.2	.2	.9	.8																												44	44	44	67	
32/ 31	.1	.1	.4	.2																												19	19	48	60	
30/ 29	.1	.2	.3	.2																												18	18	50	45	
28/ 27	.0		.1	.0																												5	5	18	39	
26/ 25		.0																														1	1	14	36	
24/ 23		.1																														2	2	5	36	
22/ 21																																		1	1	27
20/ 19		.1																														2	2		18	
18/ 17		.2																														4	4	3	26	
16/ 15																																		3		6
14/ 13																																				9
12/ 11																																				6
10/ 9																																				6
7																																				4

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 STATION KLESLER AFB MISSISSIPPI/BILUXI STATION NAME 43-66,74 YEARS FEB MONTH
 PAGE 2 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	"	1-2	3-4	5-6	7-8	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	10.1	42.1	19.6	14.7	5.2	1.8	.3	.1											2031	2035	2031		

Element (X)	Σx²	Σx	Σ	Σ	No. Obs.	Mean # of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Ref. Hum.	14207145	166647	82.1	16.112	2030							
Dry Bulb	5878810	107474	52.8	9.985	2035		2.1	5.5				84
Wet Bulb	5350225	101859	50.2	10.913	2031		5.9	3.5				44
Dew Point	4873979	95639	47.1	13.507	2031		13.1	3.0				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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-65,69-72,74 FEB
 STATION STATION NAME YEARS 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	.1															4	4			
70/ 69	.2	1.6	.2															45	45	16	9	
68/ 67	.7	1.5	.4	.0														58	58	51	50	
66/ 65	1.7	2.4	.0	.1														90	91	103	74	
64/ 63	1.8	3.8	.4	.1														131	135	84	92	
62/ 61	3.0	3.1	.6	.2	.0	.0												150	150	159	145	
60/ 59	2.4	3.9	.9	.7	.2	.0	.1											168	168	120	132	
58/ 57	1.7	2.5	.7	.2	.1	.0												113	114	134	102	
56/ 55	1.5	2.7	.7	.7	.3	.0												126	126	110	119	
54/ 53	.8	2.7	1.9	.4	.4	.1												134	134	96	78	
52/ 51	.7	2.0	1.3	.7	.0	.1	.0											118	118	117	102	
50/ 49	.7	2.3	1.4	1.2	.7	.1	.0											139	139	95	86	
48/ 47	.9	1.8	2.5	1.3	.5	.1												152	152	122	101	
46/ 45	.8	2.1	1.5	.7	.4	.1	.1											122	123	120	105	
44/ 43	.5	1.5	1.7	1.3	.2													111	113	146	71	
42/ 41	.5	1.3	1.7	.7	.0													93	93	107	100	
40/ 37	.3	1.2	1.6	.8	.0													85	85	108	110	
38/ 37	.3	1.4	1.6	.9	.1													91	91	100	85	
36/ 35	.0	.9	1.1	.7	.1													61	61	79	97	
34/ 33	.7	.4	1.1	.9														52	52	71	78	
32/ 31	.1	.7	1.4	.4														57	57	55	72	
30/ 29	.1	.2	.3	.1														15	15	60	71	
28/ 27	.0	.2	.4	.2														19	19	55	63	
26/ 25		.0	.3															7	7	9	32	
24/ 23		.1																2	2	16	45	
22/ 21		.0																1	1	9	31	
20/ 19																					27	
18/ 17		.0	.1															3	3		27	
16/ 15	.1																	3	3	5	18	
14/ 13																				1	8	
12/ 11																					7	
10/ 9																					4	
8/ 7																					3	
6/ 5																					3	
Element (X)	ΣX^2	ΣX	\bar{X}	Σx	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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-65,69-72,74

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 2/ 1																					2 1
TOTAL	18.9	40.7	24.0	11.9	3.0	.7	.3											2159	2150	2150	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ	Mean No. of Hours with Temperature						
Rel. Hum.	5283485	178256	912.5	31.3	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5867995	110209	51.0	10.395		4.2	4.2				84
Wet Bulb	5366526	104534	48.6	11.497		3.2	2.6				84
Dew Point	4903115	98195	45.7	11.967		10.2	2.3				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

13829 KEESSLER AFB MISSISSIPPI/BILUXI 43-74 FEB
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
78/ 77				.0	.0															2	2		
76/ 75			.2	.1	.1	.0														12	12		
74/ 73			.8	.6	.1	.0	.0	.0	.0											47	47		
72/ 71		.4	.9	.6	.2	.1			.0											56	58	11	
70/ 69	.1	.8	2.1	.5	.5	.2	.1	.1	.0											117	117	47	28
68/ 67	.3	1.9	2.4	.9	.4	.2	.1	.1	.0											172	176	98	56
66/ 65	.6	2.1	2.0	1.7	.9	.6	.2	.1	.1											212	212	143	120
64/ 63	.4	2.1	1.9	1.3	.8	.5	.4	.3	.1											213	215	152	139
62/ 61	.6	1.4	1.4	1.0	.9	.7	.4	.3												189	189	161	131
60/ 59	.5	1.6	1.9	1.4	1.4	.7	.5	.6	.0											230	231	183	144
58/ 57	.4	1.5	1.1	1.0	1.0	1.1	.7	.3												190	190	152	145
56/ 55	.3	1.1	1.3	1.2	1.1	1.2	.6	.1	.1											184	185	157	134
54/ 53	.6	1.3	.9	.9	1.1	.9	.4	.0	.0											150	150	150	113
52/ 51	.2	.8	.8	.9	1.4	.9	.3	.1												147	148	177	106
50/ 49	.2	.6	.8	1.4	1.0	1.0	.4	.1	.0											157	157	152	132
48/ 47	.1	.7	.8	1.2	1.0	.6	.2	.0												125	125	145	102
46/ 45	.1	.6	.6	.8	.7	.6	.1													98	98	171	123
44/ 43		.1	.7	.7	.8	.5	.0													78	78	159	107
42/ 41	.1	.4	.7	.4	.9	.4														76	76	105	79
40/ 39		.3	.4	.7	.9	.2														66	66	122	89
38/ 37		.1	.4	.8	.6															50	50	83	111
36/ 35	.0	.1	.4	.6	.4															44	44	88	138
34/ 33		.1	.3	.3	.1															24	24	63	104
32/ 31		.1	.3	.1	.0															15	15	74	101
30/ 29		.0	.0	.2																7	7	40	71
28/ 27	.1	.1	.0																	5	5	21	60
26/ 25																						11	63
24/ 23		.0																		1	1	3	51
22/ 21		.0	.0																	2	2	1	63
20/ 19																						1	39
18/ 17			.0																	1	1	1	35
16/ 15																						1	28
14/ 13																							27
12/ 11																							17
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 FEB MONTH
STATION STATION NAME YEARS
PAGE 2 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
10/ 7																					10
8/ 7																					1
6/ 5																					3
2/ 1																					1
0/ -1																					1
TOTAL	6.2	18.8	23.3	19.8	16.1	10.3	4.8	2.2	.5									2681		2672	
																		2672		2672	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	13663152	18389	68.8	19.378	2671							
Dry Bulb	8757673	150895	56.3	9.941	2681		1.0	12.9	1.9			84
Wet Bulb	7259604	136244	51.0	10.818	2672		4.8	4.9				84
Dew Point	6047449	120877	45.2	14.725	2672	.0	18.0	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

13820 KEESSLER AFB MISSISSIPPI/BILUXI 43-74 FEB
STATION STATION NAME YEARS MONTH
PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.0	.0	.1												4	4		
78/ 77				.4	.1					.0								13	13		
76/ 75			.1	.9	.1	.1	.0		.1	.1	.0	.0						41	41		
74/ 73			.9	1.2	.5	.2	.2	.1	.0		.0							83	83	3	
72/ 71		.4	1.5	1.5	.7	.4	.2	.1	.2	.1	.0							141	141	25	1
70/ 69	.1	.7	2.3	1.0	.7	.0	.3	.1	.4	.3	.1							198	198	76	36
68/ 67	.1	1.0	2.8	2.2	1.5	.7	.4	.4	.4	.0								255	255	107	72
66/ 65	.2	1.7	1.8	2.5	1.0	1.0	.8	.2	.3	.2								258	258	178	118
64/ 63	.3	1.2	1.4	1.3	1.3	1.2	.6	.6	.6	.1	.0							229	229	178	144
62/ 61	.3	1.2	1.0	1.3	1.0	1.5	1.0	.6	.4									239	239	189	142
60/ 59	.2	1.1	.9	.7	1.0	1.3	1.0	.7	.3	.1								216	217	205	160
58/ 57	.2	.6	.7	.9	1.4	.9	.9	.6	.0									168	169	146	172
56/ 55	.1	.7	.7	1.2	.9	.8	1.0	.6	.2	.0								167	167	173	138
54/ 53	.3	.5	.6	.7	1.1	1.0	1.0	.9	.1									153	153	181	100
52/ 51	.1	.4	.3	.6	.7	.9	.7	.2										106	106	188	105
50/ 49	.1	.4	.5	.5	.7	.7	.9	.1										106	106	176	115
48/ 47	.3	.2	.3	.6	.6	.9	.4											88	88	176	118
46/ 45	.6	.1	.2	.4	.4	.6	.4											59	59	129	143
44/ 43		.2	.4	.5	.6	.5	.1											64	64	111	102
42/ 41	.0	.2	.3	.1	.3	.3												32	32	120	105
40/ 39		.0	.3	.2	.3	.1												26	26	100	110
38/ 37			.1	.1	.2													11	11	86	87
36/ 35		.1	.1	.0														7	7	62	94
34/ 33		.0	.0	.1	.0													6	6	30	92
32/ 31		.2		.0														6	6	20	78
30/ 29		.0	.0	.0														3	3	14	78
28/ 27																				4	71
26/ 25				.0														1	1	2	47
24/ 23																					65
22/ 21																				1	50
20/ 19																					35
18/ 17																					33
16/ 15																					27
14/ 13																					15
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		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

13820 KLESLER AFB MISSISSIPPI/BILUXI 43-74 FLB
 STATION STATION NAME YEARS MONTH
 PAGE 2 200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
12/ 11																				15	
10/ 9																				6	
8/ 7																				3	
4/ 3																				3	
TOTAL	2.1	11.2	17.2	19.9	16.7	13.7	9.9	4.9	3.1	1.0	.2	.1					2680	2682	2680		

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	11764259	168959	63.0	20.377	2680							
Dry Bulb	9957828	161682	60.3	8.871	2682		.3	23.0	4.4	.0		84
Wet Bulb	7891505	143029	53.4	9.817	2680		1.3	6.6	.1			84
Dew Point	6312300	124142	46.3	14.482	2680		16.5	3.4				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

13820 KESLER AFB MISSISSIPPI/BILOXI 43-74 FEB
STATION STATION NAME YEARS MONTH
PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	C	1-2	3-4	5-6	7-8	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
80/ 79				.1														2	2	
78/ 77				.0		.0	.1	.0		.0								7	7	
76/ 75			.1	.4	.1	.0	.0			.1						.0		25	25	
74/ 73			.9	.3	.1	.1				.0	.1	.1						44	44	2
72/ 71	.1	.0	1.6	.7	.4	.2	.1	.1	.0	.1	.1	.0						107	107	11
70/ 69	.1	1.2	2.3	1.3	1.0	.3	.2	.3	.3	.1	.1							192	192	66
68/ 67	.1	1.7	2.3	1.6	.8	.2	.3	.4	.3	.1	.1							214	214	108
66/ 65	.4	2.0	2.5	1.9	.9	.7	.5	.4	.2	.1								260	260	128
64/ 63	.5	1.9	2.2	1.3	1.2	.9	.7	.4	.4	.0	.0							258	258	179
62/ 61	.2	2.1	1.2	1.4	1.3	1.6	.7	.6	.5	.1								257	258	197
60/ 59	.4	1.4	1.2	2.0	1.9	1.3	1.0	.7	.2	.0								274	274	209
58/ 57	.1	1.0	1.0	1.5	1.5	.7	.7	.6	.1	.0								198	198	149
56/ 55	.1	.7	1.0	1.5	1.7	1.0	.8	.7	.1									201	201	189
54/ 53	.1	.4	.9	.3	1.1	.7	.8	.3	.0									140	140	189
52/ 51	.1	.1	.4	.6	.9	.9	.9	.1	.0									107	107	204
50/ 49	.1	.4	.3	.4	1.0	.8	.6	.1										100	100	194
48/ 47	.2	.5	.6	.4	.7	.9	.3											97	97	167
46/ 45	.1	.3	.6	.4	.6	.7	.1											75	75	145
44/ 43		.4	.4	.2	.6	.3	.0											53	53	120
42/ 41		.1	.3	.1	.3	.0												19	19	124
40/ 39		.1	.2	.1	.2	.1												20	20	98
38/ 37		.0	.1	.1	.1	.1												12	12	72
36/ 35	.1	.1	.1	.0														6	6	47
34/ 33		.1	.0															4	4	28
32/ 31		.0		.0														2	2	8
30/ 29		.1		.1														6	6	10
28/ 27				.1														2	2	3
26/ 25																				2
24/ 23																				2
22/ 21																				1
20/ 19																				
18/ 17																				
16/ 15																				
14/ 13																				
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
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

13820 KEESSLER AFB MISSISSIPPI/BILUXI 43-74 FLB
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
12/ 11																					6		
10/ 9																					4		
8/ 7																					2		
6/ 5																					3		
4/ 3																					1		
2/ 1																					1		
0/ -1																					1		
TOTAL	2.8	15.3	20.1	17.4	16.4	11.7	7.8	4.8	2.4	1.0	.3	.1					2682	2683	2682				
Element (X)	$\sum X'$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	12684289	175907	65.6	20.683	2682	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	9768499	160367	59.8	8.263	2682		.3	18.5	2.4			84											
Wet Bulb	7883454	143224	53.4	9.363	2682		.8	5.9	.1			84											
Dew Point	6418271	125821	46.9	13.868	2682	.0	14.7	5.6				84											

USAFETAC FORM 74 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KLESLER AFB MISSISSIPPI/BILUXI 43-74 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
76/ 75				.1													3	3		
74/ 73			.3	.1													9	9		
72/ 71		.6	.6	.1	.0				.0								36	36		
70/ 69	.1	2.1	.5	.1	.1		.0		.0								76	76	42	17
68/ 67	.2	2.7	1.4	.4	.1		.0	.0									129	129	96	80
66/ 65	.9	3.3	1.7	.7	.1	.1		.1									186	186	111	113
64/ 63	.7	4.1	1.9	.9	.1	.3	.2	.3									232	232	162	122
62/ 61	.7	3.9	1.9	.8	.4	.6	.4	.2									244	244	169	154
60/ 59	.6	3.1	1.8	1.1	1.0	.7	.5	.1									236	236	191	180
58/ 57	.4	2.2	2.6	1.6	.7	.9	.4	.0	.0								237	237	173	151
56/ 55	.3	1.8	2.2	1.9	1.7	1.0	.3	.1									246	247	144	142
54/ 53	.3	1.0	1.0	2.0	.9	.7	.3	.1									186	187	168	124
52/ 51	.2	.6	1.7	2.1	1.0	.7	.4	.0									181	181	199	123
50/ 49	.1	.7	1.5	1.2	1.2	.9	.3										156	156	171	110
48/ 47	.2	1.0	1.2	1.0	1.1	.6	.1										140	140	223	108
46/ 45	.1	.7	.7	.8	1.3	.3											102	102	173	155
44/ 43		.2	1.0	.6	.7	.3											78	78	129	138
42/ 41		.2	.6	.8	.6	.1											61	61	114	116
40/ 39	.0	.4	.5	.8	.5												59	59	115	120
38/ 37	.0	.2	.2	.4	.2												30	30	94	123
36/ 35		.2	.2	.3		.0											20	20	65	104
34/ 33	.1	.1	.0	.1	.1												13	13	54	85
32/ 31		.0	.0		.0												3	3	32	67
30/ 29	.0	.2															6	6	14	81
28/ 27				.1													2	2	7	51
26/ 25				.0													1	1	3	55
24/ 23		.0	.0														2	2		51
22/ 21		.0															1	1	4	37
20/ 19																			2	28
18/ 17																				18
16/ 15																				4
14/ 13																				5
12/ 11																				3
10/ 9																				2
Element (X)	Σ x ¹	Σ x	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 FEB

STATION STATION NAME YEARS 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
8/ 7																					7
6/ 5																					4
4/ 3																					1
TOTAL	5.3	29.5	24.0	17.7	12.0	7.4	3.0	.9	.2										2677		2677
																		2675		2675	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	15559020	197944	74.1	18.359	2673							
Dry Bulb	8609649	150093	56.1	8.221	2677		.5	7.9	.4			84
Wet Bulb	7418263	130437	51.8	9.743	2675		1.9	4.3				84
Dew Point	6415867	126161	47.2	13.168	2674		12.8	3.0				84

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 KEESSLER AFB MISSISSIPPI/BILUXI 43-74

FEB
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73				.1														2	2					
72/ 71		.2	.3	.2														26	26					
70/ 69	.2	1.9	.2	.0														57	57	31	14			
68/ 67	.2	2.4	.6	.0	.0													86	86	88	79			
66/ 65	1.0	3.7	1.0	.1	.2													145	145	101	83			
64/ 63	1.3	4.4	1.5	.2	.0	.1												185	185	131	121			
62/ 61	1.6	3.8	1.3	.4	.1	.2												187	188	187	157			
60/ 59	1.4	3.2	1.6	.6	.4	.2	.3											207	208	162	172			
58/ 57	.8	3.6	1.5	.9	.5	.4	.1											193	193	154	132			
56/ 55	.4	2.1	1.8	1.3	.9	.0	.2											180	180	143	125			
54/ 53	.0	2.7	1.9	1.5	1.0	.6	.1											203	203	12	119			
52/ 51	.4	1.7	1.8	1.1	.6	.5	.0											152	153	146	118			
50/ 49	.3	1.6	2.2	1.3	1.0	.4	.1											166	168	155	113			
48/ 47	.1	2.1	1.9	1.1	1.1	.4	.1											100	160	169	103			
46/ 45	.4	1.6	1.6	.9	.6	.3												132	132	123	120			
44/ 43	.0	.9	1.0	.8	.7	.0												35	85	134	140			
42/ 41	.0	.6	1.0	.3	.6	.0												76	76	110	128			
40/ 39		.0	.7	1.1	.4													71	71	93	89			
38/ 37	.0	.8	.2	1.1	.3													58	58	102	88			
36/ 35		.2	.4	.5	.2													32	32	68	101			
34/ 33	.1	.5	.4	.2	.0													31	31	54	90			
32/ 31	.0	.1	.2	.1	.0													12	12	56	74			
30/ 29		.2	.1		.0													9	9	27	51			
28/ 27		.1																3	3	10	41			
26/ 25																				8	49			
24/ 23			.0															1	1	2	59			
22/ 21		.1																2	2		33			
20/ 19		.1																2	2	3	22			
18/ 17		.0																1	1	2	21			
16/ 15																				1	6			
14/ 13																					3			
12/ 11																					4			
10/ 9																					5			
8/ 7																					2			
Element (X)	ΣA^2	ΣX	\bar{X}	σ_A	No. Obs.	Mean No. of Hou's with Temperature																		
Rel. Hum.						≥ 0°	≤ 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
 US AFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KLESLER AIR MISSISSIPPI/BILUXI 43-74 FEB 1966
 STATION STATION NAME YEARS 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														
6/9	9.4	40.1	22.8	14.3	8.6	3.6	1.0																												
TOTAL	9.4	40.1	22.8	14.3	8.6	3.6	1.0												2469		2464														
																		2464		2464															
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hrs. with Temperature					Total																								
Rel. Hum.	16091778	194716	79.1	16.341	2463	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	7439829	133003	54.1	9.231	2469		1.0	5.8	.1			84																							
Wet Bulb	6633799	125293	50.8	10.328	2464		3.9	4.1				84																							
Dew Point	5930705	116423	47.2	12.209	2464		12.7	3.2				84																							

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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-65 MAR
STATION STATION NAME YEARS 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		.6	.3																		19	19														
72/ 71	.0	2.3	.2																		56	56	31	15												
70/ 69	1.0	4.3	.4	.0	.1	.0	.0														127	127	100	89												
68/ 67	1.2	4.2	.5	.1	.0																128	128	122	119												
66/ 65	2.4	4.7	1.4	.3	.1	.1															192	192	155	134												
64/ 63	2.2	5.0	1.6	.5	.0	.1	.0														201	201	158	159												
62/ 61	1.1	3.9	1.7	.5	.8	.1	.1														173	173	158	132												
60/ 59	1.0	4.0	2.0	.7	.7	.3	.1														187	187	145	137												
58/ 57	.6	2.2	1.4	1.0	.9	.9	.0														138	138	137	120												
56/ 55	.9	2.2	1.4	.7	.7	.5	.2	.0													141	141	122	109												
54/ 53	.5	2.2	1.8	.9	.2	1.3	.1														143	143	117	104												
52/ 51	.2	2.1	1.0	.9	.6	.4															112	112	124	101												
50/ 49	.5	1.1	.8	1.4	.7	.2															100	100	136	101												
48/ 47	.2	1.0	1.2	1.7	.7	.2															109	108	82	106												
46/ 45	.0	1.6	1.5	1.5	.6	.1															116	116	89	70												
44/ 43	.0	.7	1.6	.9	.4	.0															80	80	123	69												
42/ 41		.3	.9	.4	.1																39	39	109	80												
40/ 39	.1	.2	.7	.6	.1																37	37	92	84												
38/ 37		.0	.4	.4																	17	17	51	74												
36/ 35			.1	.2																	8	8	40	70												
34/ 33			.1	.2																	8	8	14	58												
32/ 31	.0	.0	.1	.1																	6	6	13	61												
30/ 29			.1																		2	2	12	50												
28/ 27		.0																			1	1	6	32												
26/ 25																							3	24												
24/ 23																								7												
22/ 21																								14												
20/ 19																								11												
18/ 17																								1												
16/ 15																								2												
14/ 13																								5												
12/ 11																								1												
TOTAL	12.1	42.4	21.5	13.2	6.5	3.5	.7			.0											2139	2139	2139	2139												
Element (X)	Σx²		Σx		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total																							
Rel. Hum.	14838690		174868		81.0	15.840	2138	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb	7197064		122596		57.3	2.931	2139		.4	14.3	.8			93																						
Wet Bulb	6539111		116247		54.3	10.179	2139		1.5	11.0				93																						
Dew Point	5998856		107934		51.4	12.773	2139		9.0	9.7				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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-65,69-72 MAR
STATION STATION NAME YEARS MONTH
PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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			.4															12	12		
72/ 71	.2	2.1	.1															55	55	21	10
70/ 69	1.1	3.7	.1															113	113	105	96
68/ 67	1.3	4.3	.4	.0	.0	.1												141	141	114	116
66/ 65	2.3	4.2	1.1	.3	.0	.1	.0											194	184	161	130
64/ 63	2.4	3.6	1.0	.4	.2	.2												176	178	150	160
62/ 61	1.6	4.2	1.6	.1	.2													177	179	155	135
60/ 59	1.0	3.4	1.0	.5	.4													145	145	146	142
58/ 57	.5	2.9	1.3	.6	.7	.1												140	140	137	105
56/ 55	.6	1.6	1.0	1.2	.4	.2	.0											115	115	116	123
54/ 53	.4	2.0	1.7	1.2	.4	.3	.0											139	139	81	91
52/ 51	.6	2.4	1.5	1.0	.5	.4	.1											147	147	126	77
50/ 49	.4	2.7	1.4	1.2	.6	.4												152	152	134	95
48/ 47	.4	1.3	.7	1.0	.6	.1												93	93	150	108
46/ 45	.3	1.4	1.3	1.6	.4													116	116	93	122
44/ 43		1.5	2.2	1.8	.2													130	130	98	81
42/ 41	.0	1.3	1.7	1.0	.3													100	100	120	94
40/ 39	.2	.4	1.3	.8														64	64	142	79
38/ 37	.1	.3	.6	.3														31	31	93	92
36/ 35		.3	.4	.3														22	22	60	81
34/ 33		.1	.4	.1														14	14	36	84
32/ 31		.0	.3	.1														9	9	20	84
30/ 29		.0	.3	.0														8	8	11	59
28/ 27			.1															3	3	12	38
26/ 25			.0															1	1	7	36
24/ 23																				3	14
22/ 21																					16
20/ 19																					10
18/ 17																					4
16/ 15																					2
14/ 13																					6
12/ 11																					1
TOTAL	13.5	44.2	21.7	13.5	4.9	1.9	.2	.0										2291	2291	2291	2291
Element (X)	Σx^1	Σx	\bar{x}	σ_x	No. Obs.							Mean No. of Hours with Temperature									
Rel. Hum.	16231998	189814	82.9	14.858	2291							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	7287384	127258	55.5	9.770	2291								.9	13.0	.5				93		
Wet Bulb	6674173	121129	52.9	10.856	2291								2.2	9.7					93		
Dew Point	6151376	114822	50.1	13.169	2291								11.0	9.0					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

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-73

YEAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.0															1	1		
76/ 75			.2															5	5		
74/ 73		.3	.6															27	27	1	
72/ 71	.2	1.7	.7	.1	.0	.0												78	78	33	19
70/ 69	.9	2.7	.8	.2	.1	.0	.0											136	136	111	89
68/ 67	1.3	3.3	1.0	.4	.1	.0												173	173	141	124
66/ 65	1.8	4.3	1.5	.5	.1	.0	.0	.0										236	236	182	172
64/ 63	2.0	3.7	1.6	.5	.3	.1	.0											236	236	209	177
62/ 61	1.6	3.4	1.3	.7	.2	.2	.0											215	215	209	210
60/ 59	.7	2.6	1.4	.3	.6	.5	.0											175	175	173	152
58/ 57	.5	3.0	1.0	.6	.5	.3												166	167	148	146
56/ 55	.6	2.1	1.0	.9	.7	.5	.0											167	168	166	148
54/ 53	.2	2.0	1.3	1.3	1.1	.3	.1											182	182	111	129
52/ 51	.3	1.9	1.4	1.1	.7	.5												169	171	144	119
50/ 49	.3	1.7	1.3	2.1	.7	.3												184	185	152	93
48/ 47		1.3	.9	1.4	.9	.3												135	135	165	98
46/ 45	.2	.9	1.1	1.1	.6	.1												116	116	153	119
44/ 43	.1	.8	1.5	1.7	.3	.1												131	131	139	112
42/ 41	.1	.9	1.4	1.3	.4													119	119	136	107
40/ 39	.0	.8	1.0	.7	.1													77	77	139	119
38/ 37		.2	1.0	.5	.1													50	50	120	125
36/ 35	.1	.2	.4	.2														31	31	93	116
34/ 33	.1	.1	.3	.1														24	24	53	81
32/ 31		.0	.3	.1														12	12	32	119
30/ 29		.1	.1	.0														7	7	26	88
28/ 27		.0	.1															4	4	13	51
26/ 25		.0	.1															3	3	5	48
24/ 23																				5	30
22/ 21																					25
20/ 19																					18
18/ 17																					10
16/ 15																					7
14/ 13																					7
12/ 11																					1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Re. Kum.						≤ 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 REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-73
YEARS

MAR
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	10.9	38.1	23.7	15.8	7.7	3.3	.3	.0										2859	2864	2859				
Element (X ₁)	$\sum X_1^2$	$\sum X_1$	\bar{X}	s_x^2	No. Obs.				Mean No. of Hours with Temperature															
Rel. Hum.	19087154	220140	86.1	15.897	2859				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	9197857	159807	55.6	9.905	2864					.8	12.6	1.1			93									
Wet Bulb	8269533	150529	52.7	10.972	2859					2.6	9.3	.0			93									
Dew Point	7494279	141168	49.4	13.539	2859					13.1	7.5				93									

USAFETAC FORM 0-26 5 (OL A) JUL 63 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13020 KEESSLER AFB MISSISSIPPI/BILUXI 43-73

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81																		1	1		
80/ 79				.1		.0	.0	.0	.1		.1							10	10		
78/ 77			.1	.4	.1	.1	.0	.0	.0									23	23		
76/ 75		.0	1.2	1.0	.2	.2	.2	.1	.1	.0								85	85		
74/ 73		.4	2.1	1.3	.3	.1	.2	.1	.1	.1								139	139	14	1
72/ 71	.1	1.4	2.0	1.6	.7	.6	.2	.3	.2	.1	.1		.0					211	211	79	29
70/ 69	.3	2.1	2.1	2.3	1.3	.5	.7	.3	.2	.2								286	286	154	114
68/ 67	.2	2.3	2.2	1.8	.9	.8	.7	.5	.3	.1								282	282	178	156
66/ 65	.8	2.6	1.6	1.5	1.0	1.0	.8	.7	.2	.1								296	296	233	171
64/ 63	.7	1.8	1.4	1.1	1.0	1.0	1.0	.6	.2	.1								259	259	236	196
62/ 61	.4	1.7	1.2	.8	.7	1.0	1.0	.7	.2									222	222	219	184
60/ 59	.1	1.4	.6	.7	1.0	1.0	.7	.6	.1									178	178	196	178
58/ 57	.1	1.1	.5	.9	1.2	1.1	1.0	.6	.0									189	189	189	149
56/ 55	.1	.5	.7	.8	.9	.9	.9	.6	.0									156	156	170	163
54/ 53	.1	.6	.5	.6	.8	.7	.8	.1										123	123	155	100
52/ 51	.0	.3	.3	.6	.9	.9	.6	.1										106	106	178	96
50/ 49	.0	.2	.3	.3	.5	1.0	.3											77	77	170	107
48/ 47		.1	.2	.5	.5	.3	.2											53	53	148	105
46/ 45		.1	.3	.3	.6	.3	.1											56	56	109	112
44/ 43		.2	.2	.3	.7	.2												45	45	111	119
42/ 41		.4	.2	.5	.3	.2												43	43	103	95
40/ 39	.0	.0	.1	.1	.1	.0												14	14	88	121
38/ 37		.0		.2	.1													8	8	56	97
36/ 35		.0		.2	.1													8	8	49	87
34/ 33				.0														1	1	15	80
32/ 31																				13	73
30/ 29				.0														1	1	6	76
28/ 27																				2	71
26/ 25																				1	58
24/ 23																					41
22/ 21																					23
20/ 19																					30
18/ 17																					15
16/ 15																					12
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KESLER AFB MISSISSIPPI/BILUXI 43-73 MAR
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
90/ 89													.0						1	1													
88/ 87												.0							1	1													
86/ 85											.0								1	1													
84/ 83												.0							1	1													
82/ 81					.0		.1	.0		.0	.0								8	8													
80/ 79				.3	.4	.2	.1	.0	.1	.0	.0	.1	.1						41	41													
78/ 77		.0	.5	1.3	.4	.2	.1	.1	.2	.1	.0	.1	.0						88	88													
76/ 75		.0	1.4	2.1	.6	.3	.2	.4	.3	.1	.2	.1	.0						160	160	2												
74/ 73		.6	1.9	2.0	1.2	.3	.2	.4	.1	.2	.3	.1	.0						209	209	33	2											
72/ 71		.7	2.1	2.3	1.6	1.0	.7	.3	.3	.4	.2								275	275	134	41											
70/ 69	.1	1.6	2.1	2.5	1.7	.9	1.4	1.0	.5	.6	.1								365	365	159	122											
68/ 67	.2	1.5	1.4	1.5	1.5	1.4	1.0	.8	.4	.3	.0								294	294	217	174											
66/ 65	.3	1.6	1.0	1.3	1.4	1.3	1.5	.6	.6	.5									284	284	235	194											
64/ 63	.5	1.8	1.1	.6	1.1	1.2	.8	.7	.4	.3									242	242	233	187											
62/ 61	.4	1.5	.7	.5	.7	1.0	1.3	.7	.5	.0									211	211	236	195											
60/ 59	.2	.8	.5	.6	.9	1.5	.8	.8	.6	.1									193	193	225	175											
58/ 57	.1	.5	.5	.2	.6	.6	.9	.9	.6										138	138	198	169											
56/ 55		.1	.3	.6	.6	.6	.8	.6	.1										110	110	195	125											
54/ 53	.0	.5	.2	.3	.3	.4	.6	.3											79	79	182	110											
52/ 51	.0	.3	.1	.3	.1	.5	.3	.1											53	53	181	130											
50/ 49	.0	.1	.1	.1	.2	.3	.1	.0											31	31	157	128											
48/ 47		.1	.2	.4	.2	.4	.0												37	37	118	109											
46/ 45			.1	.1	.3	.2	.0												21	21	107	104											
44/ 43			.1	.2	.1	.0													12	12	93	113											
42/ 41	.0	.1	.0	.1	.0														9	9	73	113											
40/ 39	.0	.1	.0		.0	.0													6	6	48	101											
38/ 37				.0	.0														2	2	31	67											
36/ 35																					9	79											
34/ 33		.0																	1	1	3	69											
32/ 31																					3	64											
30/ 29																					1	66											
28/ 27																						68											
26/ 25																						52											
24/ 23																						35											
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 04 0-26-5 (DL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-73

MAR

STATION STATION NAME

YEARS

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
22/ 21																					28
20/ 19																					22
18/ 17																					14
16/ 15																					9
14/ 13																					5
12/ 11																					3
TOTAL	1.7	12.1	14.4	17.3	13.9	12.6	11.2	7.7	4.7	2.7	1.0	.3	.3					2873	2873	2873	
																		2873	2873	2873	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	12576386	180156	62.7	21.078	2872			22.7	16.5	.9		93
Dry Bulb	12515714	188342	65.6	7.666	2873							93
Wet Bulb	9839642	166172	57.8	8.918	2873			.1	17.6	1.1		93
Dew Point	8015924	146500	51.0	13.783	2873		11.8	11.0	.1			93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUOXI 43-73

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-19	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
90/ 89														.1																			2	2		
88/ 87														.0																			1	1		
84/ 83														.0																			1	1		
82/ 81														.1																			2	2		
80/ 79				.2	.1	.1	.1	.1	.1	.0	.0	.1	.1																			28	28			
78/ 77			.1	.6	.2	.1	.1	.1	.1	.2	.1	.1																				44	44			
76/ 75		.1	1.4	1.5	.4	.2	.2	.2	.1	.2	.2	.1																				134	134			
74/ 73		.6	1.9	1.2	.6	.6	.4	.2	.2	.2	.1	.1																				170	170	23	2	
72/ 71	.0	1.3	2.2	1.8	1.1	.5	.2	.3	.2	.2	.2	.0																				229	230	94	30	
70/ 69	.2	2.4	2.9	2-1	1.1	1.1	1.0	.7	.5	.2	.2	.1																				357	358	178	130	
68/ 67	.3	2.3	2.7	1.9	1.5	1.3	.9	.5	.4	.5	.2																					355	356	197	180	
66/ 65	.5	1.9	2.1	2.1	1.5	1.5	1.2	.6	.4	.3																						343	343	252	167	
64/ 63	.2	2.2	1.4	1.1	1.0	1.4	.9	.5	.3	.2																						269	269	241	205	
62/ 61	.4	1.5	.6	.9	1.2	1.4	.7	.6	.4	.1																						224	224	256	208	
60/ 59	.3	.8	.7	.8	1.1	1.3	1.1	1.0	.9	.0																						228	228	233	190	
58/ 57	.1	.6	.6	.5	1.0	.6	.6	.6	.2																							140	140	213	170	
56/ 55		.3	.3	.5	.6	.5	.6	.6	.0																							98	98	219	127	
54/ 53		.3	.3	.3	.2	.5	.3	.3																								62	62	174	118	
52/ 51		.2	.1	.5	.2	.3	.3	.0																								49	49	170	135	
50/ 49	.1	.2	.1	.5	.4	.5	.1																									56	56	166	110	
48/ 47		.1	.2	.3	.1	.4	.1																									33	33	115	118	
46/ 45		.0	.1	.2	.1																											11	11	110	140	
44/ 43		.1	.1		.0																											7	7	92	122	
42/ 41	.1	.2	.0	.1		.1																										13	13	58	84	
40/ 39			.0																													1	1	45	102	
38/ 37		.0			.0																											2	2	13	85	
36/ 35																																		7	70	
34/ 33																																			55	
32/ 31																																		2	59	
30/ 29																																		1	59	
28/ 27																																			44	
26/ 25																																			43	
24/ 23																																			35	
22/ 21																																			29	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mech 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

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 MAR
 STAT ON STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81										.0								1	1		
78/ 77				.0	.0	.0		.0										5	5		
76/ 75		.1	.4	.1					.1									20	20		
74/ 73		.8	1.1	.2	.0	.0	.1	.0	.1	.1								70	70	4	
72/ 71		2.3	1.4	.2	.1	.1	.0	.1	.1	.1								127	127	62	23
70/ 69	.2	4.1	2.1	.8	.5	.3	.2	.1	.1	.0	.0							245	245	133	111
68/ 67	.6	4.5	3.5	.7	.4	.4	.2	.3	.1	.1								308	308	182	185
66/ 65	.7	3.9	2.8	1.6	1.2	.5	.6	.2	.0									330	330	252	152
64/ 63	.8	3.4	2.4	1.9	1.1	.8	.2	.3	.2									314	317	224	237
62/ 61	.5	3.6	2.4	2.0	1.6	.8	.4	.3	.0									332	332	241	192
60/ 59	.3	1.5	1.9	2.0	1.6	.6	.5	.2	.1									252	252	246	205
58/ 57	.1	1.2	1.3	1.5	1.0	1.1	.5	.3	.0									200	200	222	169
56/ 55	.1	.8	.9	.8	1.2	1.0	.6	.1										162	162	223	167
54/ 53	.0	.4	.7	1.3	1.0	.6	.5	.1										132	132	188	153
52/ 51		.5	.3	.9	.5	.6	.3											103	103	163	132
50/ 49		.3	.5	.9	.7	.5	.1											85	85	138	144
48/ 47	.1	.3	.2	.5	.5	.3	.0											60	60	164	122
46/ 45		.0	.6	.5	.3	.2												47	47	112	135
44/ 43	.1	.2	.3	.3	.2													32	32	93	107
42/ 41	.1	.1	.1	.3	.1													19	19	85	92
40/ 39			.1	.2	.1													11	11	68	87
38/ 37																				25	87
36/ 35			.0															1	1	20	78
34/ 33		.0																1	1	10	57
32/ 31				.0														1	1	2	52
30/ 29																					48
28/ 27																					38
26/ 25																				1	27
24/ 23																					23
22/ 21																					27
20/ 19																					6
16/ 15																					1
14/ 13																					1
Element (X)	Σ X ²	Σ X	̄X	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 MAR

STATION STATION NAME YEARS 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
TOTAL	3.6	28.2	23.4	16.8	12.1	7.9	4.4	2.2	.9	.3	.1								2858		2858

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	16648869	211709	74.1	18.342	2857			23.2	3.1	.0		93
Dry Bulb	10981632	176026	61.5	7.277	2861		.0	12.4	.1			93
Wet Bulb	9409812	162086	56.7	8.723	2858		.1	7.3	10.4			93
Dew Point	8271240	149778	52.4	12.152	2858							93

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

DATA PROCESSING BRANCH
 USAF FTAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 KEESLER AFB MISSISSIPPI/BILOXI 43-74 MAR
 STATION STATION NAME YEARS MONTH
 PAGE 1 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	bulb	Wet Bulb	Dew Point				
76/ 75		.1	.1	.0														5	5						
74/ 73		.8	.5				.1											35	35	3					
72/ 71	.1	2.6	.4	.1		.0												87	87	46	24				
70/ 69	.9	3.9	1.1	.2	.2	.0		.0										166	168	115	112				
68/ 67	1.3	4.3	1.5	.5	.2	.1	.1	.0										211	211	147	136				
66/ 65	1.7	5.4	2.4	.6	.5	.0	.2											285	285	226	165				
64/ 63	1.3	4.9	1.9	1.2	.5	.6	.4	.0										284	287	210	215				
62/ 61	.3	3.9	2.7	1.6	.8	.5	.3	.2										274	274	214	177				
60/ 59	.5	2.9	2.6	1.1	.9	.3	.3	.2										235	235	183	187				
58/ 57	.2	2.5	1.8	1.4	.9	.5	.3	.0										199	199	213	136				
56/ 55	.0	1.3	1.3	1.2	1.1	.6	.5											172	172	198	183				
54/ 53	.0	1.0	1.3	.8	.4	.5	.2											112	112	156	133				
52/ 51	.1	1.2	1.7	1.2	.7	.5	.0											142	142	144	129				
50/ 49	.0	.6	1.0	1.3	.6	.7												112	113	144	117				
48/ 47	.1	.7	1.0	1.0	.7	.2												96	96	132	122				
46/ 45	.1	.5	.8	.8	.8	.2												85	85	120	93				
44/ 43	.1	.4	.6	.6	.6	.0												53	53	104	110				
42/ 41	.0	.1	.3	.4	.2													25	25	87	96				
40/ 39	.1	.2	.3	.3	.2													26	26	82	94				
38/ 37				.4														10	10	45	59				
36/ 35		.0		.2														6	6	24	75				
34/ 33																				16	64				
32/ 31																				21	57				
30/ 29			.0	.1														3	3	2	40				
28/ 27																					23				
26/ 25																				2	27				
24/ 23																				1	18				
22/ 21																					14				
20/ 19																									
16/ 15																									
14/ 13																					1				
12/ 11																					2				
TOTAL	7.3	37.3	23.4	15.2	8.9	5.0	2.2	.5										28	2629		2525				
Element (X)	Z _X ²	Z _X	X	X ²	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	17134163	207.23	79.1	16.476	2625	10 F	10 F	10 F	10 F	10 F	10 F	10 F	10 F	10 F	10 F	10 F	10 F	10 F	10 F	10 F	10 F	10 F			
Dry Bulb	9447015	156207	59.4	7.988	2625																	72			
Wet Bulb	8395954	146432	5.8	9.310	2625																	93			
Dew Point	7602125	137639	52.4	2.116	2625																	93			

USAFETAC FORM 84 0-25-5 (JUL 61) REVISIONS...UTIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-65,74

APR

STATION

STATION

YEARS

PAGE 1

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	
80/ 79			.2															4	4			
78/ 77		.0	1.1	.4														31	31			
76/ 75		.7	2.1	.8														75	75	8	2	
74/ 73	.1	2.9	3.8	1.0	.2	.1												166	181	56	26	
72/ 71	.3	5.5	3.6	.8	.1	.2	.1											216	225	164	90	
70/ 69	.9	5.7	3.2	1.0	.5	.0												228	249	219	224	
68/ 67	1.4	6.6	2.6	.9	.6	.3	.1	.0										200	268	241	224	
66/ 65	1.2	4.1	2.8	1.2	1.0	.4	.0	.1										221	234	224	223	
64/ 63	.6	3.4	1.6	1.6	1.0	.2	.1	.1										166	175	172	173	
62/ 61	.3	1.7	1.2	1.0	1.0	.2	.1	.0										115	120	151	146	
60/ 59	.4	1.2	1.8	1.6	.8	.4	.0											127	135	117	115	
58/ 57	.1	1.2	.9	1.4	.7	.4	.1											100	101	105	90	
56/ 55	.1	.8	.9	1.2	1.0	.2												86	87	115	87	
54/ 53	.1	.1	.9	1.4	.5	.3												70	72	76	93	
52/ 51		.1	.6	1.2	.5	.1												54	55	72	65	
50/ 49		.2	.6	.9	.4	.2												49	49	82	68	
48/ 47		.1	.4	.6	.2													29	29	75	67	
46/ 45			.1	.3														8	8	58	52	
44/ 43			.1															2	2	41	53	
42/ 41																				21	64	
40/ 39																				10	47	
38/ 37																					39	
36/ 35																					31	
34/ 33																					11	
32/ 31																					3	
30/ 29																					8	
28/ 27																					3	
22/ 21																					1	
TOTAL	5.8	34.8	28.9	17.1	9.8	3.4	.8	.3										2007	2100	2007	2007	
Element (X)	7 x 1	Z ₁	Z ₂	X	Z ₃	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	13647957	165337	81.4	13.303	2007	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90										
Dry Bulb	8996277	135629	65.1	1.140	2100			44.3	12.5	.0		90										
Wet Bulb	7712774	123200	61.4	8.274	2007			30.9	2.9			90										
Dew Point	7712774	118108	30.8	10.273	2007			.1	25.4	1.3		90										

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-65,67-74

APR

STATION

STATION NAME

YEARS

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			.1	.0														3	3			
78/ 77		.0	1.4	.0														32	33			
76/ 75		.9	3.1	.2														90	92	6		
74/ 73	.1	2.1	2.6	1.0	.0		.0											127	135	83	30	
72/ 71	.2	5.6	2.6	.7	.2		.0											204	214	133	109	
70/ 69	.8	5.7	2.5	.5	.1	.1												209	226	221	203	
68/ 67	1.0	5.2	1.0	.7	.2	.1												191	200	211	213	
66/ 65	1.6	5.8	1.8	.9	.6	.1	.1	.0										237	247	210	196	
64/ 63	.9	3.7	1.4	1.1	.3	.3												166	179	180	197	
62/ 61	.8	3.2	1.0	.8	.8	.2	.1											149	153	153	162	
60/ 59	.5	2.6	1.4	1.3	.3	.3	.0											138	145	133	106	
58/ 57	.1	1.9	2.5	1.1	.7	.4												143	147	115	112	
56/ 55		1.9	1.0	1.1	.4	.2	.0											102	105	107	79	
54/ 53	.1	1.3	1.0	.8	.6	.1												85	88	138	115	
52/ 51		.7	1.3	1.6	.6													90	90	78	108	
50/ 49		.5	1.0	1.2	.2													62	65	84	58	
48/ 47		.3	1.3	1.0	.5													67	67	81	78	
46/ 45		.2	1.0	.2	.1													33	33	85	70	
44/ 43		.1	.3	.2	.0													14	14	61	51	
42/ 41		.0	.2	.2														10	10	38	62	
40/ 39			.1															2	2	20	79	
38/ 37																				12	44	
36/ 35																				5	35	
34/ 33																					22	
32/ 31																					8	
30/ 29																					11	
28/ 27																					5	
TOTAL	6.2	41.7	29.2	14.7	5.9	1.8	.5	.0											2248		2153	
																		2154		2154		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature					Total										
Rel. Hum.	15251974	179206	83.3	12.234	2151		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	9170473	142417	63.4	8.115	2248				36.2	10.5			90									
Wet Bulb	7978567	129651	60.2	9.010	2154				27.3	3.7			90									
Dew Po	7463129	124653	57.9	10.693	2153			1.0	23.2	1.3			90									

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74

APR
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
82/ 81				.1			.0										3	3		
80/ 79			.3	.6	.6	.0											26	26		
79/ 77		.0	1.4	1.4	.5	.0		.1									91	93		
76/ 75		.8	2.9	2.0	.6	.0											171	177	16	
74/ 73	.0	2.0	4.0	1.8	.6	.1	.0	.0									235	244	106	39
72/ 71	.1	3.7	3.2	1.5	.5	.3	.2	.0									257	268	208	150
70/ 69	.7	3.9	4.0	1.2	.8	.4	.3	.0									305	326	315	246
68/ 67	.4	3.7	3.1	.9	.5	.5	.1										248	259	271	276
66/ 65	1.1	3.3	2.2	1.3	.8	.5	.3	.0	.0								259	264	277	275
64/ 63	.4	2.6	1.7	1.2	.7	.5	.3										203	214	229	246
62/ 61	.4	1.5	1.0	1.0	1.0	.6	.4		.0								158	164	173	195
60/ 59	.1	1.6	1.4	1.3	.5	.5	.3										157	160	147	144
58/ 57	.0	1.3	1.6	.9	.6	.5	.2										141	143	151	114
56/ 55	.2	1.3	.7	1.0	.8	.5	.1										123	126	154	120
54/ 53	.1	.7	.7	.8	.8	.2											87	89	150	117
52/ 51		.4	.8	1.0	.6	.1											77	77	84	133
50/ 49		.2	.6	1.1	.5	.1											68	69	106	89
48/ 47		.1	.6	.7	.2	.0											45	45	85	86
46/ 45		.1	.4	.2	.2												24	24	93	80
44/ 43		.1	.2	.2													15	15	65	64
42/ 41		.0	.1	.1													9	9	37	73
40/ 39		.0	.1														5	5	21	66
38/ 37																			14	73
36/ 35																			5	48
34/ 33																				33
32/ 31																				19
30/ 29																				12
28/ 27																				8
26/ 25																				1
TOTAL	3.7	27.5	31.1	20.2	10.2	5.0	2.1	.2	.1									2800		2707
																		2707		2707
Element (X)	Σx ²		Σx		X		s _x		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.	17361225		213591		76.5		13.704		2707		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90			
Dry Bulb	12079765		182459		65.2		8.109		2800				44.9	17.5	.4		90			
Wet Bulb	10287889		165147		61.9		8.868		2707				30.5	4.1			90			
Dew Point	9435871		157103		58.0		10.845		2707		1.2	25.0	1.3				90			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 APR
 STATION STATION NAME YEARS MONTH
 PAGE 1 0900-1100
 .HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B	Dry Bulb	Wet Bulb	Dew Point															
90/ 69									.0									1	1																	
88/ 87								.0		.0								2	2																	
86/ 85								.1	.0	.0			.0					5	5																	
84/ 83				.1	.3	.1	.2	.1	.1	.0	.1							29	29																	
82/ 81			.0	.8	1.0	.6	.3	.0	.1	.1	.1							82	82																	
80/ 79			.4	2.8	2.6	1.3	.4	.3	.3	.1	.0	.0						223	227																	
78/ 77		.1	1.5	3.3	4.5	.9	.7	.6	.5	.2	.1				.0			336	350	8																
76/ 75		.6	2.7	3.8	2.8	1.1	.9	.4	.3	.2	.0							352	365	58	6															
74/ 73		.7	2.3	2.9	2.1	1.4	1.1	.6	.3	.4								332	354	210	65															
72/ 71	.0	.7	2.6	2.4	1.7	1.1	1.0	.5	.6	.2	.1	.0						297	312	310	169															
70/ 69	.1	1.1	2.4	1.6	1.3	.8	1.2	.7	.4	.1	.1							268	278	356	272															
68/ 67	.1	.7	1.1	.9	1.0	1.1	1.2	.9	.4	.1								204	212	302	285															
66/ 65	.1	.9	.6	.5	.8	1.1	.9	.7	.4	.1								164	167	256	310															
64/ 63	.1	.4	.2	.7	.6	.7	.5	.4	.3									105	109	207	227															
62/ 61		.5	.5	.3	.4	.5	.7	.3	.1									90	90	169	157															
60/ 59	.0	.1	.4	.1	.4	.7	.6	.4	.1									79	79	144	151															
58/ 57	.0	.2	.1	.1	.3	.5	.5	.1	.0									51	51	162	101															
56/ 55	.0	.1	.1	.1	.2	.4	.4	.1										37	37	135	126															
54/ 53		.1		.1	.1	.5	.1											26	26	91	114															
52/ 51	.0	.1		.1	.1	.2												12	12	80	85															
50/ 49				.0		.1												3	3	78	87															
48/ 47		.0	.0	.0		.0												4	4	58	92															
46/ 45		.0																1	1	43	71															
44/ 43																				30	59															
42/ 41																			1	5	61															
40/ 39																				2	58															
38/ 37																					53															
36/ 35																					46															
34/ 33																					33															
32/ 31																					25															
30/ 29																					21															
28/ 27																					17															
26/ 25																					7															
24/ 23																					4															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 APR
STATION STATION NAME YEARS MONTH
PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
227 21																					2	
TOTAL	.7	6.3	15.5	20.7	20.2	13.3	10.7	6.2	3.9	1.7	.6	.1	.0	.0					2797		2704	
																	2704		2704			
Element (X)	Σx²	Σx	̄x	σ _x	No. Obs.												Mean No. of Hours with Temperature					
Rel. Hum.	12473877	177829	65.8	16.976	2704	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	14430063	200035	71.5	6.	2797			71.3	45.5	7.2		90										
Wet Bulb	11182274	172586	63.8		2704			41.4	9.2			90										
Dew Point	9617864	158308	58.3		2794		2.5	26.5	2.4			90										

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 43-74 APR
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93											.1							2	2		
92/ 91										.0		.0						2	2		
90/ 89										.0			.0	.0				3	3		
88/ 87									.0	.0	.1	.1		.0				8	8		
86/ 85					.1	.3	.3	.1	.1	.1	.1	.0						31	31		
84/ 83				.4	.8	.7	.4	.2	.1	.0	.0	.1	.0					77	77		
82/ 81			.2	1.2	2.4	1.8	.7	.2	.4	.2	.1	.2	.0	.0				205	209		
80/ 79			.6	2.9	4.1	2.8	.9	.2	.5	.3	.3	.1	.0	.0				344	358		
78/ 77		.0	1.6	2.8	4.7	1.9	1.1	.6	.3	.2	.3	.0						368	393	29	
76/ 75		.3	2.4	2.4	3.5	1.6	1.4	.7	.5	.4	.4	.0						369	378	92	22
74/ 73		.4	1.3	2.6	2.3	1.7	1.1	.8	.6	.3	.2	.1	.0					310	320	270	84
72/ 71	.0	.7	1.8	1.2	1.6	1.6	1.6	1.2	.4	.4	.2							289	298	351	180
70/ 69	.1	.6	1.6	1.0	1.0	1.1	1.5	.6	.7	.4	.1							234	244	349	275
68/ 67	.1	.5	1.0	.4	.4	.7	1.1	.5	.6	.4	.0							156	159	304	303
66/ 65	.1	.8	.3	.6	.4	.5	.7	.7	.7	.1	.0							132	136	253	300
64/ 63	.0	.2	.1	.0	.2	.6	.4	.9	.3	.1								75	77	226	247
62/ 61		.3	.2	.3	.3	.2	.2	.2	.1	.0								49	49	148	171
60/ 59	.0	.2	.0	.1	.1	.1	.5	.1	.1	.0								34	34	168	138
58/ 57		.0	.0	.0			.1	.1										9	9	147	124
56/ 55	.1						.0											3	3	108	123
54/ 53	.0			.0														2	2	87	88
52/ 51		.1	.0															5	5	70	83
50/ 49																				68	98
48/ 47																				22	82
46/ 45																				8	72
44/ 43																				6	59
42/ 41																				1	43
40/ 39																					31
38/ 37																					43
36/ 35																					53
34/ 33																					24
32/ 31																					23
30/ 29																					16
28/ 27																					9
Element (X)	Σ x'	Σ x	Σ	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

13820 KEESLER AFB MISSISSIPPI/BILDXI 43-74 APR

STATION STATION NAME YEARS 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	
26/ 25																					8	
24/ 23																					2	
22/ 21																					2	
20/ 19																					1	
18/ 17																					3	
TOTAL	.6	4.1	11.1	16.0	21.8	15.6	12.1	7.3	5.4	3.1	1.9	.8	.2	.1				2797		2707		
																	2707		2707			
Element (X)	Σx ²	Σx	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	11415573	169511	62.6	17.204	2707	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	15463246	207326	74.1	5.839	2797			79.9	57.3	16.5	.1	90										
Wet Bulb	11673368	176720	65.3	7.106	2707			46.4	13.0			90										
Dew Point	9899452	160962	59.5	11.017	2707		2.1	28.7	3.5			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/HAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILDXI 43-74 APR
 STATION STATION NAME YEARS MONTH
 PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91										.0								1	1		
90/ 89											.0	.0	.0					3	3		
88/ 87										.0								6	6		
86/ 85							.1	.1	.2	.1	.1	.1	.1					21	21		
84/ 83				.3	.4	.4	.2	.1	.1	.1	.2	.1	.1					51	51		
82/ 81			.3	.7	1.5	1.0	.4	.1	.1	.3	.1	.0	.1					120	120		
80/ 79			.5	3.6	2.7	1.8	.6	.4	.1	.1	.1	.1	.1					272	280		
78/ 77		.1	2.0	3.3	3.9	1.4	.7	.5	.3	.3	.3	.1	.1					347	363	22	1
76/ 75		.6	3.1	2.9	3.4	2.0	1.1	.6	.5	.3	.4	.1	.1					402	427	61	29
74/ 73	.0	.7	2.3	3.2	2.5	1.7	1.1	.7	.4	.2	.3	.3	.1					354	368	264	60
72/ 71	.0	1.1	2.0	2.1	1.4	2.0	1.3	.9	.2	.7	.1	.1	.1					322	328	330	222
70/ 69	.1	.9	2.3	1.9	1.4	1.2	1.2	1.1	.7	.5	.0	.0	.0					310	318	346	257
68/ 67	.1	.9	1.2	.7	.8	.9	.4	.4	.7	.5	.0	.0	.0					181	191	315	289
66/ 65	.2	.7	.4	.3	.7	1.0	.7	.3	.7	.3	.1	.1	.1					139	140	306	303
64/ 63	.0	.3	.3	.3	.2	.6	.5	.3	.4	.1	.1	.1	.1					84	86	206	242
62/ 61	.1	.3	.2	.1	.2	.1	.2	.3	.3	.7	.1	.1	.1					42	42	205	191
60/ 59	.1	.2	.1	.0	.0	.2	.2	.0	.1	.1	.1	.1	.1					27	27	155	145
58/ 57		.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1					7	7	133	137
56/ 55		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					4	4	129	126
54/ 53					.0	.0	.0	.0	.0	.0	.0	.0	.0					2	2	86	93
52/ 51		.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					5	5	59	84
50/ 49				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					1	1	51	99
48/ 47																				22	79
46/ 45																				6	54
44/ 43																				5	56
42/ 41																					39
40/ 39																					35
38/ 37																					43
36/ 35																					37
34/ 33																					33
32/ 31																					19
30/ 29																					7
28/ 27																					8
26/ 25																					5
Element (X)	Σ x²	Σ x	̄x	s _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 92 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (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

13820 KESLER AFB MISSISSIPPI/BILOXI 43-74 APR
STATION STATION NAME YEARS MONTH
PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
24/ 23																					6	
22/ 21																					1	
20/ 19																					1	
TOTAL	.7	6.0	14.8	19.8	19.1	14.4	8.8	5.9	4.4	3.4	1.8	.7	.2					2791		2701		
																	2701		2701			

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	12274541	175733	65.1	17.607	2700			79.9	52.9	11.1		90
Dry Bulb	15105001	204753	73.4	5.485	2791			44.6	11.6			90
Wet Bulb	11610447	176135	65.2	6.791	2701			1.6	28.6	3.0		90
Dew Point	9972586	161602	59.8	10.610	2701							

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74 APR

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
84/ 83									.0	.1	.0	.1						6	6		
82/ 81			.0	.1	.1				.1	.1	.0							9	9		
80/ 79			.8	1.1	.4	.1		.1	.1	.1								74	74		
78/ 77		.5	2.2	2.4	.8	.4	.2	.1	.1	.1								186	189	2	
76/ 75		1.2	3.7	3.5	1.6	.4	.4	.1	.1	.1	.1			.0				303	315	49	11
74/ 73	.1	2.0	4.9	3.0	1.7	.8	.3	.3	.0	.1	.0							360	380	164	65
72/ 71		3.0	3.3	3.0	1.4	.8	.8	.4	.2	.1								349	363	257	185
70/ 69	.2	2.4	4.7	2.4	1.9	1.4	.8	.5	.3	.1								304	416	345	268
68/ 67	.2	2.2	3.4	1.9	1.3	1.0	1.1	.4	.2	.0								319	329	298	282
66/ 65	.4	1.7	1.7	1.6	1.2	1.0	.7	.4	.2	.1								242	249	366	294
64/ 63	.2	.6	.5	.8	1.4	1.3	.4	.5	.1									158	161	233	257
62/ 61	.2	.6	.2	.9	.9	.7	.5	.3	.1									116	117	198	207
60/ 59	.0	.3	.2	.3	.5	1.0	.4	.1	.0									78	79	180	181
58/ 57	.1	.0	.0	.2	.6	.3	.3	.0	.0									44	44	141	137
56/ 55		.3	.1	.2	.2	.2	.1											31	31	138	101
54/ 53		.1	.1	.1	.1	.1	.0	.0										14	14	103	95
52/ 51				.0	.0		.0											3	3	75	111
50/ 49	.0	.0	.0	.1	.0													6	6	78	86
48/ 47		.0			.0													2	2	30	85
46/ 45																				25	85
44/ 43																				7	47
42/ 41																				5	46
40/ 39																					50
38/ 37																					32
36/ 35																					18
34/ 33																					22
32/ 31																					9
30/ 29																					9
28/ 27																					5
26/ 25																					3
24/ 23																					1
22/ 21																					2
TOTAL	1.4	15.0	25.9	21.6	14.2	9.7	6.2	3.3	1.5	.9	.1	.1		.0				2694	2787	2694	
Element (X)	ΣX^2	ΣX		\bar{X}	s_x	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	14895469	195497		72.6	16.223	2694		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90							
Dry B. 'b	13672539	194585		69.8	5.583	2787				67.2	31.4	1.6		90							
Wet Bulb	11131410	172136		63.9	7.017	2694				37.2	7.2			90							
Dew Point	9931609	161349		59.9	9.978	2694			1.0	27.1	2.5			90							

USAFETAC FORM 7 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILDXI 43-74

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point					
80/ 79			.3	.1	.0													11	11						
78/ 77		.4	1.7	1.1	.2	.0	.0	.0										86	86	1					
76/ 75	.0	1.9	3.7	1.8	.4	.1	.2	.0										198	203	31	9				
74/ 73	.1	3.2	4.7	2.7	.7	.3	.1	.2	.0									293	307	111	51				
72/ 71	.1	4.2	3.5	1.5	.9	.4	.2	.1										266	283	238	156				
70/ 69	.5	4.5	4.5	2.2	1.1	.6	.2	.3	.0									341	361	296	255				
68/ 67	.3	5.0	4.0	2.2	1.3	.8	.1	.1	.1									341	353	281	284				
66/ 65	.0	2.9	2.5	1.5	.9	.8	.4	.0										235	243	302	263				
64/ 63	.2	1.4	1.3	1.3	1.2	.6	.4	.1										159	170	232	245				
62/ 61	.1	.6	1.3	1.5	1.1	.7	.0	.1										133	136	169	171				
60/ 59	.2	.6	1.1	1.1	1.0	.9	.1	.0										124	124	142	142				
58/ 57	.1	.1	.5	1.2	.9	.8	.2											90	91	132	117				
56/ 55	.0	.2	.3	.7	.6	.7	.1											62	64	121	109				
54/ 53		.2	.5	.5	.4	.2	.1											46	46	92	92				
52/ 51		.3	.2	.3	.4	.1	.0											33	33	84	84				
50/ 49		.1	.2	.3	.1	.1												20	20	86	83				
48/ 47			.1	.1	.1													5	5	58	88				
46/ 45			.0	.0	.0													2	2	38	70				
44/ 43																				22	51				
42/ 41																				7	55				
40/ 39																				2	32				
38/ 37																					32				
36/ 35																					26				
34/ 33																					11				
32/ 31																					9				
30/ 29																					7				
28/ 27																					2				
24/ 23																					1				
TOTAL	2.3	25.6	30.5	19.9	11.3	7.0	2.1	1.0	.2									2445	2538	2445	2445				
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	15321564	190402	77.9	14.122	2444	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90													
Dry Bulb	11667484	171336	67.5	6.206	2538			56.9	21.5	.3		90													
Wet Bulb	9849507	154077	63.0	7.567	2445			35.3	5.3			90													
Dew Point	9016392	146319	59.9	9.629	2445		.7	27.8	2.2			90													

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KESLER AFB MISSISSIPPI/BILOXI 42-65,74 MAY
 STATION STATION NAME YEARS 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			.0		.1													4	4		
82/ 81			.3		.5	.0												34	34		
80/ 79		.1	2.3	4.2	.9	.1	.0											167	168	1	1
78/ 77		1.9	5.8	5.6	.9	.3	.0											312	326	21	6
76/ 75		2.8	7.3	4.8	1.4	.4	.0											356	371	160	43
74/ 73	.0	3.0	6.7	4.4	1.2	.3	.0											341	354	295	196
72/ 71	.1	4.9	3.9	1.9	1.3	.4	.0											270	278	395	295
70/ 69	.0	3.7	2.6	2.4	.7	.2	.1	.1										226	231	375	433
68/ 67	.3	2.3	2.4	1.4	.5	.1	.0											157	159	265	305
66/ 65	.2	1.3	1.5	.8	.6	.2	.0											102	106	179	219
64/ 63	.2	.5	.9	.6	.6	.3												66	74	150	156
62/ 61	.0	.1	.4	.3	.2	.1												27	31	88	133
60/ 59		.3	.2	.6	.4	.2												38	40	44	87
58/ 57		.0	.3	.6	.1													23	23	48	75
56/ 55		.2	.2	.5	.1													21	21	36	47
54/ 53		.0	.3	.4														17	17	34	25
52/ 51			.0	.2														5	5	26	23
50/ 49																				23	32
48/ 47																				9	37
46/ 45																				2	28
44/ 43																					8
42/ 41																					7
40/ 39																					5
TOTAL	1.5	21.1	35.3	29.3	9.5	2.8	.3	.2										2161	2242	2161	2161

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	14295323	174571	80.8	9.454	2161	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	11779577	162027	72.3	5.591	2242			79.9	52.1	4.6		93
Wet Bulb	10104232	147222	68.1	5.872	2161			65.1	20.5	.0		93
Dew Point	9486362	142482	65.9	6.873	2161			55.0	10.6			93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-65,67-74 MAY
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb	Wet Bulb	Dew Point
84/ 83					.1													2	2		
82/ 81				.2	.1													9	9		
80/ 79		.0	1.5	2.4	.2	.0												106	106		
78/ ..		1.2	4.8	3.5	.7	.1												255	267	6	
76/ 75	.2	2.7	6.1	2.7	.4	.1	.0											305	318	122	
74/ 73	.3	3.7	5.9	1.7	.4	.1												293	298	265	
72/ 71	.0	5.7	5.9	1.7	.6	.2												352	361	375	
70/ 69	.5	5.6	4.5	1.5	.2	.1												308	318	411	
68/ 67	.7	4.4	3.6	1.5	.4	.1	.1				.0							271	280	332	
66/ 65	.7	2.2	2.0	1.4	.3	.2	.1											171	176	260	
64/ 63	.3	1.7	1.3	1.1	.4	.3												122	127	184	
62/ 61	.1	.8	.9	1.0	.2	.1												78	86	124	
60/ 59	.2	.6	.8	.5	.2	.1												61	65	103	
58/ 57		.5	.5	.8	.2	.0	.0											51	53	64	
56/ 55		.3	.4	.6	.0													35	35	72	
54/ 53		.1	.7	.4	.1													32	32	46	
52/ 51			.5	.1														16	16	38	
50/ 49			.2	.1														7	7	41	
48/ 47			.0															1	1	19	
46/ 45																				11	
44/ 43																				1	
42/ 41																					
40/ 39																					
36/ 35																					
14/ 13																					
TOTAL	2.7	29.7	39.8	21.3	4.6	1.5	.2				.0								2557		2475
																			2475		2475

Element (X)	Σx^1	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	17368036	206092	83.3	9.144	2475			71.3	36.4	1.9		93
Dry Bulb	12691219	179453	70.2	6.161	2475			56.8	14.8			93
Wet Bulb	11112624	165092	65.7	6.369	2475			42.3	7.0			93
Dew Point	10512551	160287	64.8	7.304	2475							93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

SYNCHROMETRIC SUI VARY

13020
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

48-74

MAY
MONTH

1 1950-00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	W.B.	Dry Bulb	Wet Bulb	Dew Point
87/87							.0														
86/85					.0	.1															
84/83				.3	.6	.4	.0														
82/81			.2	1.9	1.8	.5	.0		.0												
80/79		.1	1.8	4.4	3.2	1.2	.3	.2													
78/77		.3	3.7	5.0	2.8	.5	.4	.1	.0												
76/75	.0	1.6	5.4	4.3	2.2	.9	.3	.1													
74/73	.0	2.1	4.2	3.2	1.3	.5	.1	.2	.0												
72/71		3.0	4.0	2.5	1.2	.6	.1	.1													
70/69	.3	2.6	2.4	1.8	1.0	.3	.6	.0													
68/67	.2	1.5	2.3	1.2	.7	.6	.3	.0													
66/65	.2	.9	1.4	1.2	.5	.5	.2	.0													
64/63	.1	.4	.7	1.0	.7	.4	.1	.0													
62/61	.1	.3	.5	.7	.5	.1	.1														
60/59	.1	.2	.4	.6	.4	.0	.0														
58/57		.3	.2	.4	.3	.1	.0	.0													
56/55		.0	.3	.4	.2	.0															
54/53		.0	.1	.2	.1	.0															
52/51		.0	.1	.1	.0																
50/49		.0		.3																	
43/47																					
46/45																					
44/43																					
42/41																					
40/39																					
38/37																					
36/35																					
34/33																					
20/19																					
TOTAL	1.0	13.7	27.8	20.3	17.7	6.8	2.7	.8	.2									2035	2069	182	2126
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	17320424	221278	76.6	11.262	2888	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	13795202	215774	72.7	6.189	2969			78.4	53.0	10.3		93									
Wet Bulb	13281299	195027	67.5	6.328	2889			61.3	19.9			93									
Dew Point	12237477	180695	64.6	7.541	2888		.0	48.3	8.4			93									

USAF ETAC MAY 1950 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 CIVIL WEATHER SERVICE/MSC

PSYCHROMETRIC SUMMARY

13820

KEESLER AIRFIELD MISSISSIPPI/ALOMA

42-76

DAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS

Time	NET BULB TEMPERATURE DEPRESSION												TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point	
	0	1	2	3	4	5	6	7	8	9	10	11				
97/ 93																
94/ 91																
92/ 89																
90/ 87																
88/ 85																
86/ 83																
84/ 81																
82/ 79																
80/ 77																
78/ 75																
76/ 73																
74/ 71																
72/ 69																
70/ 67																
68/ 65																
66/ 63																
64/ 61																
62/ 59																
60/ 57																
58/ 55																
56/ 53																
54/ 51																
52/ 49																
50/ 47																
48/ 45																
46/ 43																
44/ 41																
42/ 39																
40/ 37																
38/ 35																
36/ 33																
34/ 31																
32/ 29																
30/ 27																
28/ 25																
26/ 23																
24/ 21																
22/ 19																
20/ 17																
18/ 15																
16/ 13																
14/ 11																
12/ 9																
10/ 7																
8/ 5																
6/ 3																
4/ 1																
2/ 0																
0/ 0																
Σ X ²																
Σ X																
X																
σ _x																
No. Obs.																
Mean Max. of Flow																
Temp. (F)																
Rel. Hum.																
Dry Bulb																
Wet Bulb																
Dew Point																

USAF ETAC FORM 0-26-5 (0-1-57) 0-26-5 (0-1-57)

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KESLER AFB MISSISSIPPI/BILUXI 47-74

MAY

STATION STATION NAME YEARS 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
96/ 95								.1				.1	.0					9	9	
94/ 93							.1	.1	.1	.1	.1	.1	.0					14	14	
92/ 91						.1	.2	.2	.1	.1	.0	.0	.0	.0				24	24	
90/ 89				.1	.1	.3	.6	.6	.5	.1	.3	.1	.1	.1	.1			88	88	
88/ 87				.0	.8	1.2	1.8	1.7	1.4	.7	.3	.2						233	233	
86/ 85				.2	2.0	4.6	4.0	2.2	1.2	.7	.4	.1	.1					442	443	
84/ 83			.1	.8	3.5	6.2	3.5	.9	.9	.4	.2	.1	.1					476	493	2
82/ 81			.2	2.5	4.4	5.0	2.5	1.5	.5	.5	.3	.0	.0					503	529	11
80/ 79			.8	2.3	3.7	2.9	1.7	.9	.8	.4	.6	.1	.0					408	427	63
78/ 77	.0	.2	.7	1.7	1.9	1.7	1.0	.7	.8	.5	.4							279	285	212
76/ 75	.0	.4	.8	.8	.7	.8	.4	.7	.7	.2	.1							158	153	478
74/ 73	.0	.3	.6	.2	.3	.4	.2	.5	.5	.4	.1							101	102	604
72/ 71	.1	.3	.2	.1	.2	.2	.3	.3	.3	.1								63	63	484
70/ 69		.2	.2	.3	.1	.1	.2	.1	.1	.1	.1							42	42	324
68/ 67	.1	.2	.1	.1	.1	.1		.0	.0	.0								24	26	213
66/ 65	.1	.1	.1	.0	.0		.0	.1										11	12	137
64/ 63			.0	.1														3	3	100
62/ 61				.0														1	1	95
60/ 59			.1	.1		.1												7	7	67
58/ 57		.0																1	1	50
56/ 55		.0																1	1	26
54/ 53																				14
52/ 51																				3
50/ 49																				5
48/ 47																				41
46/ 45																				32
44/ 43																				23
42/ 41																				29
40/ 39																				7
38/ 37																				7
36/ 35																				5
34/ 33																				3
32/ 31																				1
30/ 29																				1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KESLER AFB MISSISSIPPI/BILOXI 42-74 MAY
STATION STATION NAME YEARS 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
24/ 23																						1
TOTAL	.3	1.7	3.9	9.2	17.7	23.0	16.7	10.3	7.9	4.4	2.9	.8	.4	.1	.1			2888	2966	2888	2888	

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	11071021	174355	60.4	13.737	2888			92.2	88.1	66.0	.7	93
Dry Bulb	19733881	241477	81.4	4.997	2966			77.0	74.1	1.1		93
Wet Bulb	14649749	205119	71.0	5.305	2888			.1	54.5	13.8	.1	93
Dew Point	12631324	189604	65.7	7.970	2888							

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KLESLER AFB MISSISSIPPI/BILOXI 42-74

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
98/ 97								.0									1	1		
96/ 95							.1	.0		.0	.0						6	6		
94/ 93								.1		.1	.1	.0					5	5		
92/ 91						.0	.1	.1	.0	.1	.1						11	11		
90/ 89				.0	.1	.2	.4	.4	.1	.3	.2	.1	.0		.1		57	57		
88/ 87				.1	.3	1.2	1.3	1.0	.7	.6	.3	.2	.1				168	168		
86/ 85				.3	1.4	3.2	2.7	1.7	.7	.7	.3	.1	.1				323	331	1	
84/ 83			.0	1.1	3.6	5.4	3.0	1.1	1.0	.6	.2	.0	.1				464	472	5	
82/ 81			.1	3.0	5.1	4.7	2.4	1.1	.4	.3	.1	.1	.0				505	524	8	4
80/ 79		.2	1.0	4.0	4.8	4.0	1.7	.8	.3	.4	.6	.1	.0				517	538	37	7
78/ 77		.2	1.0	2.0	2.2	1.8	1.3	.5	.4	.4	.2	.0					293	302	179	22
76/ 75		.2	.6	2.0	1.6	.8	.7	.5	.4	.4	.2			.0			216	222	439	101
74/ 73		.3	1.1	.9	.5	.4	.5	.5	.4	.2	.1						146	150	575	281
72/ 71	.1	.2	.5	.2	.3	.3	.3	.3	.2	.1	.1						77	80	506	392
70/ 69	.1	.6	.3	.3	.1	.1	.2	.1	.1	.0							61	62	405	450
68/ 67	.1	.1	.1	.0	.1	.1	.0										18	18	249	413
66/ 65		.1		.1													7	7	148	334
64/ 63		.1	.0	.1													5	5	91	189
62/ 61			.0				.1										3	3	81	143
60/ 59						.0											1	1	81	109
58/ 57		.1	.1														5	5	47	86
56/ 55																			24	81
54/ 53																			8	50
52/ 51																			2	52
50/ 49																			3	37
48/ 47																				28
46/ 45																				27
44/ 43																				24
42/ 41																				23
40/ 39																				15
38/ 37																				3
36/ 35																				4
34/ 33																				3
18/ 17																				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 JUL 64 0-26-5 (OL A) REV. 10 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 HAY
STATION STATION NAME YEARS MONTH
PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
96/ 95											.0							1	1		
94/ 93								.0										1	1		
92/ 91								.0										1	1		
90/ 89						.1		.0	.1									6	6		
88/ 87					.1	.2	.1		.0	.1								14	14		
86/ 85			.1	.1	.1	.4	.3	.3	.1	.1		.0						45	45		
84/ 83			.2	.7	1.3	1.3	.9	.5	.2	.0	.1							152	153		
82/ 81		.0	.8	2.7	4.2	2.5	1.2	.6	.4	.1	.0							362	364	4	
80/ 79		.1	2.4	5.6	6.7	2.7	1.0	.4	.2	.1	.0							542	555	22	6
78/ 77		.7	4.4	5.9	5.2	2.2	.9	.4	.2	.2	.0	.0						588	613	79	25
76/ 75		.4	3.0	4.9	2.8	1.4	.8	.4	.2	.1	.0							409	418	281	75
74/ 73		.8	2.1	3.2	1.7	1.2	.8	.4	.2	.1								303	308	537	236
72/ 71	.0	1.1	1.9	1.3	1.0	.7	.5	.7	.1	.1								212	224	557	381
70/ 69	.1	.7	.6	.7	.7	.4	.5	.3	.1									118	125	486	516
68/ 67	.0	.2	.1	.4	.2	.4	.5	.1	.0									61	64	326	432
66/ 65	.1	.1	.0	.2	.2	.2	.2	.0										32	33	180	353
64/ 63	.1	.1	.1	.2	.0	.1	.0	.0										22	22	126	206
62/ 61			.1	.0	.1	.0												8	8	85	137
60/ 59			.0	.0	.1	.1												6	6	80	132
58/ 57		.0	.1	.0														5	5	63	79
56/ 55	.0	.0	.1															4	4	37	78
54/ 53																				19	44
52/ 51																				6	36
50/ 49																				4	53
48/ 47																					37
46/ 45																					34
44/ 43																					15
42/ 41																					7
40/ 39																					3
38/ 37																					5
36/ 35																					1
34/ 33																					1
TOTAL	.3	4.4	16.1	26.0	23.9	14.0	7.6	4.4	2.1	.9	.2	.1						2892	2970	2892	2892

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	14645424	202470	70.0	12.692	2891	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	17590929	228159	76.8	4.624	2970			90.6	77.6	27.8	.1	93
Wet Bulb	14110262	201472	69.7	5.082	2892			73.7	29.7	.5		93
Dew Point	12697457	190551	65.9	7.014	2892			53.7	11.0	.1		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KLEESLER AFB MISSISSIPPI/BILUXI 42-74

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
86/ 85						.1	.0	.0	.0									5	5			
84/ 83			.2	.3	.2	.1	.1											22	22			
82/ 81			.7	1.0	1.6	.5	.1	.1										119	119			
80/ 79		.4	3.0	7.2	3.2	1.0	.3	.1										369	375	11	3	
78/ 77		1.2	5.4	6.9	3.4	1.1	.5	.1										452	474	47	18	
76/ 75		1.6	5.7	5.5	3.0	1.4	.3	.0										427	443	214	74	
74/ 73		2.0	4.8	4.3	1.4	1.0	.5	.2										345	351	431	197	
72/ 71		1.8	3.6	1.8	1.4	.6	.3	.1										234	236	451	388	
70/ 69	.2	2.2	1.9	2.4	.9	.8	.3	.2	.0									218	229	388	430	
68/ 67	.0	1.0	.7	.8	.5	.2	.3											87	92	327	365	
66/ 65	.1	.2	.5	.4	.3	.5	.3	.0										58	63	186	279	
64/ 63			.1	.6	.2	.3		.0										32	36	108	168	
62/ 61		.1	.2	.2	.5	.2	.0											31	32	84	129	
60/ 59			.1	.3	.2	.1	.1											19	19	56	96	
58/ 57		.0	.1	.2	.2	.0												12	12	35	66	
56/ 55		.1	.1	.2														9	9	40	56	
54/ 53			.1	.1														4	4	34	40	
52/ 51																				19	26	
50/ 49																				9	27	
48/ 47																				3	32	
46/ 45																					29	
44/ 43																					12	
42/ 41																					2	
40/ 39																					3	
38/ 37																					3	
TOTAL		.310	.627	.332	.917	.1	7.8	3.0	.9	.1										2521	2443	
																		2443		2443		
Element (X)	Σx'	Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	14466882	186215		76.2	10.570	2443	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 86 F	Total									
Dry Bulb	14041414	187728		74.5	4.965	2521			86.5	66.0	11.9		93									
Wet Bulb	11736343	168813		69.1	5.401	2443			71.1	26.8	.1		93									
Dew Point	10847770	161958		66.3	6.736	2443			56.2	11.1			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

13820 KESLER AFB MISSISSIPPI/BILOXI 42-65,71,74

JUN

STATION STATION NAME

YEARS

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		
88/ 87					.0	.0												2	2				
86/ 85			.0	.3	.8	.1												27	27				
84/ 83		.0	1.2	4.0	2.8	.2												186	186	1	1		
82/ 81		.1	4.8	9.2	3.0	.3												392	392	1			
80/ 79	.0	.7	6.9	7.7	1.2	.2	.0											379	379	62	13		
78/ 77	.0	3.9	7.5	3.2	1.1	.4	.0											365	365	286	85		
76/ 75	.4	5.3	6.5	2.8	.6	.5	.1											364	364	609	337		
74/ 73	.4	5.3	3.3	1.5	.3	.4												251	251	505	600		
72/ 71	.2	2.8	1.7	.8	.5	.1												137	137	336	508		
70/ 69	.3	1.1	1.3	.6	.6	.0												90	90	194	284		
68/ 67		.4	.4	.4	.3													34	34	107	158		
66/ 65			.3	.2	.1													12	12	59	86		
64/ 63			.1	.1														5	5	42	53		
62/ 61			.0	.1														4	4	28	38		
60/ 59																				10	33		
58/ 57																				6	29		
56/ 55																				2	14		
54/ 53																					6		
52/ 51																					2		
50/ 49																					1		
TOTAL	1.3	19.7	34.2	31.0	11.3	2.4	.2											2248	2248	2248	2248		
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	15146983	183603	81.7	8.209	2248	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90											
Dry Bulb	13514873	174049	77.4	4.183	2248			89.2	78.7	33.3		90											
Wet Bulb	12056299	164403	73.1	3.833	2248			84.1	58.6	.6		90											
Dew Point	11451385	160149	71.2	4.337	2248			79.5	41.5	.0		90											

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-65,67-74 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
86/ 85				.0	.2	.0												7	7	
84/ 83			.5	1.2	.8	.2												67	67	
82/ 81	.0	.2	3.6	5.1	1.3	.1	.0											262	262	1
80/ 79		1.2	3.1	4.8	.7	.2												376	376	25
78/ 77	.1	5.4	7.9	3.1	.8	.1												437	437	229
76/ 75	.4	8.3	6.0	1.4	.3	.1	.0											418	418	586
74/ 73	.7	8.4	4.6	1.6	.4	.1	.0											398	398	560
72/ 71	.4	4.5	3.8	.9	.7	.1												263	263	454
70/ 69	.2	2.5	2.2	.7	.3	.1												150	151	231
68/ 67		.7	.8	1.0	.1	.1												69	70	190
66/ 65		.2	.7	.8	.2													48	48	86
64/ 63		.1	.2	.1	.1													11	11	62
62/ 61			.2	.1	.0													8	8	49
60/ 59			.1	.1														6	6	27
58/ 57			.0															1	1	11
56/ 55																				6
54/ 53																				3
52/ 51																				7
50/ 49																				4
TOTAL	1.6	31.3	38.7	21.1	5.9	1.1	.1	.0										2521	2523	2521
																		2521	2521	
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	18141149	212923	84.5	7.869	2521	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90								
Dry Bulb	14494111	190917	75.7	4.331	2523			87.4	70.1	18.9		90								
Wet Bulb	13171337	181915	72.2	4.196	2521			81.3	50.1	.4		90								
Dew Point	12606500	177878	70.6	4.701	2521			76.0	35.9	.0		90								

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 47-74 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.0											1	1		
90/ 89						.0	.0											2	2		
88/ 87				.1	.5	.6	.1	.1	.0									40	40		
86/ 85			.0	.6	2.9	1.1	.2	.1	.0									145	145		
84/ 83			.9	4.8	4.9	1.6	.6	.1										375	375		
82/ 81		.2	3.5	7.0	3.1	1.2	.5	.1										449	450	7	1
80/ 79	.0	1.3	6.6	5.6	2.7	.9	.6	.1										517	518	105	15
78/ 77	.0	2.5	6.5	3.5	1.4	.7	.3	.1										435	435	455	110
76/ 75	.1	3.8	4.5	2.2	1.1	.6	.1	.0										361	362	711	449
74/ 73	.0	3.1	2.3	1.8	.8	.3	.1	.1										247	247	587	699
72/ 71	.3	1.6	1.5	.9	.4	.2	.0	.0								.0		147	147	397	557
70/ 69	.1	1.0	.8	.8	.4	.2	.1											95	95	243	354
68/ 67		.1	.4	.4	.3	.1		.0										41	41	155	230
66/ 65			.4	.2	.2													22	22	100	151
64/ 63			.0	.1		.0	.0											5	5	52	99
62/ 61			.0	.0	.0	.0												4	4	32	77
60/ 59			.0	.0		.0												3	3	25	67
58/ 57																				11	24
56/ 55																				2	20
54/ 53																				3	19
52/ 51																				2	4
50/ 49																				1	7
46/ 45																					2
42/ 41																				1	2
40/ 39																					1
22/ 23																					1
TOTAL	.6	13.7	27.6	28.1	18.8	7.6	2.9	.7	.1							.0		2899	2892	2889	2889
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	17834767	225143	77.9	10.006	2889	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90									
Dry Bulb	17829818	226664	78.4	4.584	2892			88.9	80.3	40.5	.0	90									
Wet Bulb	15479656	211112	73.1	4.275	2869			82.9	58.1	1.1		90									
Dew Point	14514362	204200	70.7	5.300	2889	.0	.0	75.2	39.7	.1		90									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISD PREVIOUS EDITION: THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUN
STATION STATION NAME YEARS 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
98/ 97									.0									1	1		
96/ 95							.1	.3	.0	.0	.0	.0						15	15		
94/ 93					.0		.1	.4	.3	.2	.2	.1	.0					38	38		
92/ 91					.0	.2	.7	.8	.6	.3	.1							83	93		
90/ 89					.4	2.4	2.9	1.6	.7	.3	.1	.1						250	250		
88/ 87				.4	2.5	6.0	5.4	1.9	.8	.1	.1		.0					512	512		
86/ 85			.0	1.7	7.7	9.2	4.0	1.9	.9	.1	.1							740	740	1	
84/ 83			.5	2.5	5.8	4.5	2.1	1.5	.5	.2	.0	.1						508	511	3	1
82/ 81			.7	2.8	2.7	1.8	1.3	.7	.3	.2								308	308	59	2
80/ 79		.2	1.5	1.5	1.1	1.1	.7	.4	.2	.1								195	195	348	32
78/ 77	.0	.5	.9	.8	.5	.3	.4	.2	.2	.1								112	112	725	166
76/ 75	.0	.7	.7	.2	.2	.2	.0	.0	.1		.0							70	70	744	468
74/ 73	.0	.0	.2	.1	.1	.0	.0	.0	.0									34	34	432	658
72/ 71	.1	.3	.1	.0	.0	.1												19	19	275	535
70/ 69	.1		.0						.0									4	4	141	371
68/ 67		.0																1	1	79	210
66/ 65																				40	155
64/ 63																				20	90
62/ 61																				14	78
60/ 59																				5	40
58/ 57																				2	30
56/ 55																				2	20
54/ 53																					8
52/ 51																					8
50/ 49																					6
48/ 47																					9
42/ 41																					2
40/ 39																					1
TOTAL	.2	2.4	4.7	10.0	21.1	26.5	17.9	9.6	4.8	1.7	.7	.2	.1					2890	2893	2890	
Element (X)	Σx'		Σx		X		s _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	12506926		187296		64.8		1.295		2890		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb	20729855		244607		84.6		4.074		2893				90.0	89.3	80.5	1.7	90				
Wet Bulb	16332236		217000		75.1		3.649		2890				87.4	72.0	6.1		90				
Dew Point	14631614		205110		71.0		5.078		2890				76.1	41.3	.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

13820 KEESLER AFB MISSISSIPPI/BILOXI

42-74

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99							.0	.0		.0								4	4		
98/ 97							.1	.1	.1	.2								16	16		
96/ 95							.3	.5	.2	.1	.1	.0	.1					39	39		
94/ 93							.1	.5	1.0	.5	.2	.3	.1					84	84		
92/ 91								1.0	2.9	2.0	1.3	.4	.3	.1	.0			231	231		
90/ 89				.1	.6	4.2	6.9	3.4	1.3	.5	.3	.2	.0					507	503		
88/ 87				.4	2.8	8.3	6.1	2.2	1.2	.6	.2							632	632		
86/ 85				.8	5.2	7.1	3.9	2.0	.8	.4	.3	.0						596	599	1	
84/ 83		.0	.3	1.3	3.3	2.4	1.4	1.1	.3	.3	.1							301	301	17	
82/ 81		.0	.5	1.2	1.4	1.0	1.0	.5	.3	.1	.1							178	178	137	6
80/ 79	.1	.2	.8	1.2	.8	.5	.5	.3	.2	.1	.1	.0						137	137	468	54
78/ 77	.0	.4	1.1	.6	.2			.0	.1	.1	.0							75	75	800	193
76/ 75	.0	.7	.4	.2	.1	.0		.0										42	42	621	503
74/ 73	.1	.6	.1	.0														24	24	359	679
72/ 71	.1	.2	.1															13	13	231	545
70/ 69		.2																5	5	131	306
68/ 67		.0																1	1	66	174
66/ 65																				32	134
64/ 63																				10	111
62/ 61																				7	52
60/ 59																				4	43
58/ 57																				1	26
56/ 55																					25
54/ 53																					16
52/ 51																					5
50/ 49																					6
48/ 47																					2
44/ 43																					1
42/ 41																					2
TOTAL	.4	2.3	3.3	5.8	14.4	24.7	23.1	13.2	6.9	3.0	1.9	.6	.2	.1					2889		2885
																			2885		2885

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	11551305	179481	62.2	11.561	2885							
Dry Bulb	21577240	249358	86.3	4.341	2889			90.0	89.4	83.5	4.5	90
Wet Bulb	16620020	218728	75.8	3.583	2885			88.3	75.0	10.5		90
Dew Point	14766229	205883	71.4	5.057	2885			76.8	44.8	.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/HAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99								.1	.0	.1	.0	.0						7	7		
98/ 97										.1	.0	.1						7	7		
96/ 95							.0	.1	.2	.2	.0	.2	.0					23	23		
94/ 93						.2	.3	.5	.3	.2	.1	.1						49	49		
92/ 91					.1	.9	1.9	1.0	.9	.4	.2	.0						156	156		
90/ 89				.0	.6	3.5	4.8	2.3	.7	.5	.2		.1					366	366		
88/ 87			.1	.5	2.1	7.4	4.9	2.2	.8	.2	.4	.1						541	541		
86/ 85			.1	1.0	5.2	8.1	4.2	1.9	.8	.1	.1							624	625	1	
84/ 83		.0	.2	1.8	4.9	4.0	2.2	1.4	.4	.3	.1							445	446	21	1
82/ 81		.1	.4	2.5	1.9	1.5	1.1	.6	.6	.1	.1							254	254	96	9
80/ 79		.3	1.2	1.6	1.1	.4	.5	.6	.2	.1		.1						176	176	360	60
78/ 77	.1	.6	1.7	1.0	.4	.0												111	111	741	168
76/ 75	.1	.7	.9	.5	.2	.2												70	70	693	437
74/ 73	.1	.8	.3	.1		.0												38	38	423	666
72/ 71	.1	.4	.0	.0														17	17	296	563
70/ 69	.1	.1																6	6	135	363
68/ 67		.0																1	1	67	211
66/ 65																				41	141
64/ 63																				9	112
62/ 61																				5	46
60/ 59																				2	35
58/ 57																				1	28
56/ 55																					24
54/ 53																					14
52/ 51																					4
50/ 49																					5
48/ 47																					1
44/ 43																					1
42/ 41																					1
40/ 39																					1
TOTAL	.4	3.0	5.0	9.0	16.6	26.0	20.0	10.5	4.9	2.2	1.5	.6	.2					2891	2893	2891	2891
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.		Mean No. of Hours with Temperature					Total									
Rel. Hum.	12325160	185618	64.2	11.874	2891		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	21036907	246361	85.2	4.455	2893				90.0	89.3	80.6	2.7	90								
Wet Bulb	16464219	217931	75.4	3.530	2891				88.2	72.7	8.4		90								
Dew Point	14728460	205862	71.2	4.903	2891				77.1	41.7	.9		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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUN
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
96/ 95							.0	.0										2	2					
94/ 93							.0	.1	.1	.0								6	6					
92/ 91							.1	.3	.0	.0								16	16					
90/ 89					.3	.6	.2	.1	.1	.1								57	57					
88/ 87			.1	.3	1.4	2.5	1.9	.7	.2	.2								211	211					
86/ 85			.1	2.3	6.0	5.5	1.4	.7	.2	.1	.1							472	472					
84/ 83			.7	5.8	7.8	4.6	2.0	.4	.1									618	618	8				
82/ 81		.2	1.2	6.3	5.3	2.7	1.2	.4	.1	.1								509	509	30	7			
80/ 79	.1	.5	3.2	4.6	3.5	1.6	.9	.2	.1									429	429	218	42			
78/ 77		1.2	2.6	2.0	1.5	.9	.8	.2	.1		.0							271	271	590	159			
76/ 75		1.3	2.6	1.0	.9	.3	.4	.1										177	177	786	397			
74/ 73	.1	1.2	.9	.2	.2	.0	.1	.0	.0									81	81	538	721			
72/ 71	.2	.6	.3	.0	.1		.0											36	36	380	596			
70/ 69	.1	.2	.1		.0	.0												12	12	185	375			
68/ 67		.0		.0														2	2	84	239			
66/ 65																				49	138			
64/ 63																				17	77			
62/ 61																				9	56			
60/ 59																				3	32			
58/ 57																				2	29			
56/ 55																					12			
54/ 53																					9			
52/ 51																					5			
50/ 49																					2			
48/ 47																					1			
44/ 43																					1			
TOTAL	.4	5.2	11.8	22.5	26.7	18.7	9.7	3.0	1.1	.6	.3							2899	2899	2899	2898			
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	15054338	206476	71.2	10.867	2898	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90												
Dry Bulb	19457070	237218	81.8	3.989	2899			90.0	88.4	66.9	.2	90												
Wet Bulb	16106574	215856	74.5	3.435	2899			87.5	67.4	3.6		90												
Dew Point	14778140	206536	71.3	4.499	2898			78.8	41.2	.7		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

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-74

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (U. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
90/ 83					.0	.1												3	3					
88/ 87			.0	.2	.4	.4	.1											29	29					
86/ 85			.1	1.0	2.9	1.6	.2		.1									157	167					
84/ 83			1.6	6.3	6.2	1.4	.4	.1										400	400	3				
82/ 81		.3	3.2	9.1	5.1	1.7	.2	.2										497	497	11				
80/ 79	.0	.6	5.4	5.7	3.5	1.4	.7	.0										437	437	143				
78/ 77		2.0	6.3	3.5	2.2	.9	.3											382	382	417				
76/ 75	.2	2.9	4.2	1.8	.8	.5	.4		.0									269	269	652				
74/ 73	.0	2.8	2.4	1.2	.6	.5	.1											190	190	523				
72/ 71	.0	1.4	.7	.4	.3	.2		.0										78	78	354				
70/ 69	.0	.3	.2	.2	.4	.1	.1											32	32	192				
68/ 67		.1	.1	.1	.1	.0		.0										11	11	101				
66/ 65				.1	.0													3	3	50				
64/ 63																				25				
62/ 61																				15				
60/ 59																				8				
58/ 57																				3				
56/ 55																				1				
54/ 53																				6				
52/ 51																				2				
50/ 49																				3				
48/ 47																				1				
46/ 45																				1				
TOTAL	.3	10.5	24.3	30.5	22.5	8.8	2.5	.4	.1										2498	2498				
																					2498			

Element (X)	Σ x ²	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	15093271	192717	77.2	9.420	2497	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	15797223	198405	79.4	3.942	2498			89.9	85.5	48.9		90
Wet Bulb	13658417	184489	73.9	3.638	2498			86.3	63.0	2.4		90
Dew Point	12796926	178456	71.4	4.389	2498			79.6	42.7	.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

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-65,73-74 JUL
STATION STATION NAME YEARS 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
90/ 89						.1												2	2		
88/ 87				.1	.3	.3	.1											18	18		
86/ 85			.2	.7	1.2	.0	.2											56	56		
84/ 83			1.3	4.5	2.8	.3	.1											211	212	1	
82/ 81		.6	6.9	11.1	1.4	.2	.1											477	477	8	3
80/ 79	.0	2.3	11.3	5.4	1.1													473	474	107	23
78/ 77	.0	7.0	9.9	1.8	.3	.1	.2											452	455	507	168
76/ 75	.0	9.4	5.7	.9	.2	.4	.1											419	423	788	584
74/ 73	.3	4.8	2.1	.2	.1	.1	.0											179	179	534	814
72/ 71		1.3	.4	.1	.2	.0												49	49	285	436
70/ 69		.3																6	6	67	210
68/ 67					.0	.0												2	2	17	56
66/ 65					.0													1	1	24	12
64/ 63																				4	6
62/ 61																					14
60/ 59																				2	11
58/ 57																				1	5
56/ 55																					1
54/ 53																					1
52/ 51																					1
TOTAL	.4	25.8	38.9	24.8	7.7	1.7	.8											2345	2354	2345	2345
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	16490437	195773	83.5	7.711	2344	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	14620865	185355	78.7	3.320	2354			93.0	90.7	41.1		93									
Wet Bulb	13140567	175431	74.8	2.650	2345			91.8	77.1	1.3		93									
Dew Point	12587034	171664	73.2	2.957	2345			91.0	63.1	.3		93									

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-65,67-74 JUL
STATION STATION NAME YEARS 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			
90/ 89						.0												1	1					
88/ 87					.1	.1												7	7					
86/ 85	.0		.1	.2	.5	.1												25	25	1	1			
84/ 83			.5	1.5	.7		.0											74	74					
82/ 81		.6	4.4	5.2	.7	.1	.1											299	299	3	1			
80/ 79	.1	4.0	13.2	4.0	.9	.0	.0											600	600	61	14			
78/ 77	.3	8.7	11.1	2.0	.3													602	602	429	159			
76/ 75	.5	12.5	6.5	.8	.4													558	566	853	593			
74/ 73	.4	8.8	3.1	.5	.3	.2												359	360	684	877			
72/ 71	.3	2.4	.9	.4	.1	.1												114	114	413	577			
70/ 69	.1	.4	.4	.3	.2													38	38	152	272			
68/ 67		.0		.1	.0													5	5	38	94			
66/ 65			.0		.0													2	2	27	40			
64/ 63				.0	.0													2	2	14	15			
62/ 61		.0																1	1	8	18			
60/ 59		.0																1	1	2	13			
58/ 57																				3	7			
56/ 55																					4			
54/ 53																					1			
52/ 51																					1			
TOTAL	1.8	37.5	40.3	15.0	4.5	.7	.1											2688	2697	2688	2687			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	20123298	231774	86.2	7.179	2688	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93												
Dry Bulb	16145842	208494	77.3	3.224	2697			92.8	87.4	24.9		93												
Wet Bulb	14784013	199201	74.1	2.843	2688			91.1	70.3	.6		93												
Dew Point	14259485	195559	72.8	3.157	2687			89.6	56.9	.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

13820 KEEGLER AFB MISSISSIPPI/BILOXI

42-74

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
90/ 89					.1	.1	.1												10	10															
88/ 87				.1	.9	.6	.1	.0	.0										56	56															
86/ 85		.1	.1	1.8	3.6	1.2	.3												210	212															
84/ 83		.1	1.5	6.9	4.5	.8	.0												421	421	3	2													
82/ 81	.0	.8	6.7	8.1	2.2	.6	.1			.0									563	564	26	4													
80/ 79	.0	2.6	11.8	5.1	1.4	.3	.1	.0											646	648	220	49													
78/ 77	.1	4.8	8.4	2.4	.6	.2	.0	.0											503	504	757	267													
76/ 75	.2	5.7	4.3	1.3	.4	.2	.1												368	369	937	788													
74/ 73	.4	4.9	1.9	.6	.1	.1	.0												181	181	602	934													
72/ 71	.1	.7	.7	.2	.2	.0													54	54	309	515													
70/ 69	.0	.1	.1	.1	.1														13	13	95	267													
68/ 67		.1	.0	.0	.0														6	6	44	101													
66/ 65			.0																1	1	20	42													
64/ 63			.1	.0															3	3	13	25													
62/ 61		.0																	1	1	5	14													
60/ 59																					4	11													
58/ 57																					1	13													
56/ 55																						3													
54/ 53																						1													
TOTAL	.9	17.8	35.6	26.6	14.1	4.0	.9	.1	.1											3043		3036													
																				3036		3036													
Element (X)	Σx²	Σx	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.	20232698	246500	81.2	8.363	3035	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93																							
Dry Bulb	19339286	242326	79.6	3.712	3043			92.8	90.6	49.8		93																							
Wet Bulb	17137724	227928	75.1	2.927	3036			91.7	78.0	2.6		93																							
Dew Point	16300164	222236	73.2	3.269	3036			89.7	62.6	.6		93																							

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

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-74

JUL

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					
98/ 97									.1	.1	.0								5	5					
96/ 95							.1	.1	.2	.2	.0	.0							21	21					
94/ 93			.1		.0	.1	.2	1.1	.5	.2	.0	.0							69	69					
92/ 91		.0			.1	.9	2.2	1.9	.6	.2	.1	.0							184	184					
90/ 89				.1	1.2	4.9	5.4	2.1	.5	.1	.1								438	438	3	2			
88/ 87			.1	.5	4.8	9.9	4.7	1.0	.2	.1	.1		.0						650	653		1			
86/ 85			.2	3.2	9.7	7.9	2.2	.4	.2	.1									724	724	4				
84/ 83			1.3	4.4	5.0	2.8	.5	.1	.1	.1									450	450	17	3			
82/ 81		.1	1.4	2.6	1.2	.4	.2	.1	.0										186	186	152	12			
80/ 79		.4	1.6	1.3	.6	.2	.2	.1	.1										131	131	710	88			
78/ 77	.0	.7	.9	.4	.2	.0	.0	.1											71	71	1063	382			
76/ 75	.3	1.0	.4	.1	.0	.0	.0	.0											60	60	680	832			
74/ 73	.6	.5	.1	.0			.0												38	38	278	837			
72/ 71	.1	.1	.0			.0													8	8	69	480			
70/ 69		.0																	1	1	34	229			
68/ 67																					14	80			
66/ 65																					5	30			
64/ 63																					5	20			
62/ 61																					2	17			
60/ 59																						8			
58/ 57																						5			
56/ 55																						6			
54/ 53																						3			
50/ 49																						1			
TOTAL	1.0	3.0	6.1	12.6	23.5	27.2	15.7	6.7	2.5	1.1	.4	.1	.0						3036	3039	3036	3036			
Element (X)	Σx ²		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel Hum.	14302872		206518		68.0		10.504		3036		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	22416373		260715		85.8		4.045		3039				93.0	92.7	86.3	2.9	93								
Wet Bulb	18067785		234073		77.1		2.628		3036				92.6	89.0	14.4		93								
Dew Point	16509453		223647		73.7		3.371		3036				90.2	66.1	1.3		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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUL

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
102/101										.0								1	1																
100/ 99												.1	.0					3	3																
98/ 97												.1						25	25																
96/ 95									.1	.5	.7	.8	.3					72	72																
94/ 93					.1	.3	1.6	1.7	1.5	.6	.2	.0						179	179																
92/ 91				.1	.2	2.0	5.6	2.9	1.2	.7	.1	.1	.0					390	391																
90/ 89		.0	.3	1.7	7.8	7.9	3.0	.7	.3	.3	.1							671	673																
88/ 87	.0	.1	.6	5.2	10.2	5.1	1.0	.2	.3	.0								686	686																
86/ 85	.0	.1	1.1	5.0	4.5	1.1	.3	.3	.1	.0								398	399	11															
84/ 83	.0	.4	2.2	2.1	.8	.4	.2	.1										187	187	49	13														
82/ 81	.2	1.1	2.2	1.0	.2	.1	.0											145	145	288	23														
80/ 79	.3	1.4	1.4	.2	.1	.0	.1	.1										117	117	817	108														
78/ 77	1.0	1.2	.2	.2			.0											85	85	1018	456														
76/ 75	.1	.9	.4	.1	.1													46	46	515	784														
74/ 73	.3	.4	.2															27	27	210	809														
72/ 71	.1	.1		.0														7	7	72	474														
70/ 69	.0																	1	1	49	187														
68/ 67																				4	76														
66/ 65																				6	42														
64/ 63																				1	26														
62/ 61																					15														
60/ 59																					11														
58/ 57																					10														
56/ 55																					6														
TOTAL	.6	3.2	4.9	8.3	16.3	25.9	21.9	9.6	4.8	3.0	1.1	.3	.1	.0				3040	3044	3040	3040														

Element (X)	Σy^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	13304858	198122	65.2	11.251	3038	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	23313437	266037	87.4	4.534	3044			93.0	92.8	86.6	8.6	93
Wet Bulb	18350081	236043	77.6	2.712	3040			92.8	89.0	22.7		93
Dew Point	16603565	224455	73.8	3.498	3040			89.6	67.1	2.1		93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 JUL

STATION STATION NAME YEARS 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														
98/ 97										.0	.0	.0						2	2																
96/ 95								.0	.0									2	2																
94/ 93							.1	.1	.1	.0								9	9																
92/ 91					.0	.2	.3	.2	.1	.0								35	35																
90/ 89				.1	.4	1.4	1.5	.5	.2	.1								122	122																
88/ 87			.0	.5	3.0	4.2	1.5	1.0	.1									310	310																
86/ 85	.0		.2	2.9	9.3	5.4	1.3	.1	.0									602	606	2	1														
84/ 83		.1	.7	6.3	8.4	2.7	.1	.0										569	572	6	2														
82/ 81		.3	2.6	7.4	3.0	.7	.2	.2										436	436	57	8														
80/ 79	.0	.5	5.7	4.6	1.4	.4	.1	.0	.0									386	386	354	52														
78/ 77	.0	2.2	4.3	2.2	.4	.1	.0											281	281	859	233														
76/ 75	.1	3.2	1.9	.8	.2	.1	.1											192	192	920	754														
74/ 73	.1	1.1	.6	.2	.2	.0												70	70	503	928														
72/ 71	.1	.4		.0														14	14	199	568														
70/ 69	.1	.0		.0														6	6	75	284														
68/ 67																				22	111														
66/ 65																				4	46														
64/ 63																				5	23														
62/ 61																					16														
60/ 59																					6														
58/ 57																					3														
54/ 53																					1														
TOTAL	.5	7.7	16.0	24.9	26.2	15.2	5.9	2.4	.7	.3	.1	.0						3036	3043	3036	3036														
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total																								
Ref. Hum.	17004854	225122	74.2	10.137	3036	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	20778634	251138	82.5	4.146	3043			93.0	92.4	70.9	.4	93																							
Wet Bulb	17498077	230347	75.9	2.644	3036			92.7	83.7	5.9		93																							
Dew Point	16279600	222120	73.2	3.987	3036			90.1	60.6	.7		93																							

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUL

STATION STATION NAME YEARS MONTH PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
90/ 69				.0		.3	.2	.1										16	16																
88/ 87				.1	1.4	1.2	.2	.1	.0									82	82																
86/ 85			.4	2.3	5.4	2.0	.7	.2										293	293																
84/ 83		.0	1.2	8.4	6.6	1.5	.2	.0										477	481	1	1														
82/ 81		.5	4.3	9.1	2.7	.6	.2											463	464	23	3														
80/ 79	.1	1.5	8.8	6.5	.9	.2	.3											487	468	222	33														
78/ 77	.0	3.9	8.7	2.6	.6	.1	.1											428	429	679	209														
75/ 75	.2	5.1	3.7	.9	.2	.2	.0											272	272	833	648														
74/ 73	.2	2.1	1.2	.3	.0	.0												103	103	565	888														
72/ 71	.1	.7	.3	.0	.0	.0												32	32	224	523														
70/ 69	.0	.0				.0												3	3	81	207														
68/ 67			.0															1	1	18	85														
66/ 65																				7	28														
64/ 63																				2	16														
62/ 61																				2	10														
60/ 59																					3														
58/ 57																					2														
56/ 55																					1														
TOTAL	.7	13.9	28.6	30.4	18.0	6.3	1.8	.4	.0									2657	2664	2657	2657														
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	16933918	210824	79.3	8.801	2657	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	17262755	214349	80.5	3.674	2664			93.0	91.7	55.8		93																							
Wet Bulb	15104679	200215	75.4	2.583	2657			92.6	81.3	3.4		93																							
Dew Point	14291225	194717	73.3	2.844	2657			90.9	62.4	.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

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-65,69,73-74

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERAT RE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
85/ 85			.3	1.1	.7	.2											51	51			
84/ 83	.0	.0	1.0	5.3	1.9	.2	.1										197	203	3	1	
82/ 81	.0	.4	5.9	5.7	1.6	.4	.1										324	350	11	4	
80/ 79		2.7	11.7	4.0	1.1	.1	.0			.0							455	487	81	22	
78/ 77	.0	7.5	10.4	1.7	.4	.2	.0										466	489	437	144	
76/ 75	.3	10.0	8.0	2.1	.8	.2	.2										497	521	684	539	
74/ 73	.4	4.6	2.3	1.4	.2	.2											209	229	559	710	
72/ 71	.1	1.2	1.0	.3	.3	.1											69	79	302	455	
70/ 69		.3	.3	.1	.1												20	22	123	196	
68/ 67		.2	.2	.0													10	12	52	101	
66/ 65		.0															1	1	26	65	
64/ 63																			16	26	
62/ 61																			6	12	
60/ 59																				11	
58/ 57																				12	
56/ 55																				1	
48/ 47																				1	
TOTAL	1.0	27.0	41.1	21.9	7.0	1.4	.5			.0								2444		2300	
																		2299		2300	

Element (X)	Z _X ¹	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.	16371674	193214	84.0	7.818	2300	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	14914384	190740	78.0	3.400	2444			93.0	88.7	32.7		93
Wet Bulb	12724403	170933	74.3	3.014	2300			91.1	71.8	1.9		93
Dew Point	12197052	167306	72.7	3.422	2300			87.8	57.4	.4		93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-65,67-74 AUG
 STATION STATION NAME YEARS 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
86/ 85				.2	.5													19	19		
84/ 83				1.5	.7													79	82		
82/ 81		.2	3.5	3.1	.6	.0		.0										199	202	2	
80/ 79	.0	2.7	10.4	2.2	.4	.2												414	447	58	10
78/ 77	.1	9.5	10.1	1.7	.3													561	595	295	129
76/ 75	.8	15.4	8.4	1.7	.2				.0									686	701	731	486
74/ 73	.2	7.8	5.5	1.6	.1	.1												395	422	690	804
72/ 71	.3	2.1	2.2	.7	.5	.1												154	177	422	537
70/ 69		.6	.5	.3	.3													46	50	217	276
68/ 67		.3	.1	.3		.0												19	19	82	159
66/ 65		.1	.1	.0														6	8	34	92
64/ 63			.1	.0														3	4	26	29
62/ 61				.0														1	1	20	19
60/ 59																				2	16
58/ 57																				3	19
56/ 55																					3
54/ 53																					1
52/ 51																					1
44/ 43																					1
TOTAL	1.5	39.0	41.9	13.4	3.8	.4		.0	.0									2582	2727	2582	2582
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	19358956	222828	86.3	7.064	2582	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	16018928	208814	76.6	3.287	2727			92.6	84.2	17.9		93									
Wet Bulb	13970893	189753	73.5	3.162	2582			89.9	64.0	.4		93									
Dew Point	13474886	186294	72.2	3.607	2582			86.5	51.5	.1		93									

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

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 AUG

STATION STATION NAME YEARS MONTH
PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91							.0		.0									2	2		
90/ 89						.0	.0	.0										3	4		
88/ 87					.4	.3	.1	.0										25	26		
86/ 85		.1		1.3	2.5	1.0	.2	.0										149	161		
84/ 83			1.0	5.1	2.7	.6	.3	.0										284	300	2	1
82/ 81		.4	4.2	6.0	1.4	.8	.2	.0										384	401	3	1
80/ 79	.0	2.1	11.4	4.9	1.3	.6	.1	.0										597	628	139	22
78/ 77	.1	5.7	9.1	3.3	1.6	.4	.1											590	614	547	183
76/ 75	.2	7.3	6.3	2.0	.5	.2												482	500	819	660
74/ 73	.4	3.0	2.8	1.1	.5	.1												234	247	657	796
72/ 71	.1	1.1	1.1	.6	.3	.1												96	103	372	528
70/ 69	.1	.4	.4	.4	.3													48	51	200	302
68/ 67		.1	.1	.2	.2													17	17	85	181
66/ 65		.1	.1	.0														5	6	43	108
64/ 63			.0	.1														3	4	28	55
62/ 61				.0														1	1	16	33
60/ 59																				7	26
58/ 57																				2	16
56/ 55																					7
54/ 53																					3
TOTAL	1.0	20.1	36.6	22.0	12.0	4.1	1.1	.2	.0									2920	3065	2920	2922
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	19648022	238148	81.6	8.785	2920	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	18929034	240572	78.5	3.897	3065			92.7	87.5	38.3		93									
Wet Bulb	16057479	216313	74.1	3.365	2920			89.9	69.0	1.1		93									
Dew Point	15279373	210995	72.2	3.864	2922			85.1	52.9	.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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 AUG
STATION STATION NAME YEARS 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	12-14	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	1	1		
102/101											.0						.1	3	3		
100/99											.2					.1	.0	14	14		
98/97								.1		.1	.3					.0	.0	21	21		
95/95							.0	.2	.8	.8	.2	.2	.2	.1	.1			75	79		
94/93					.0	.4	1.5	2.4	1.2	.7	.2	.2	.1					195	200		
92/91					.3	2.1	5.2	3.1	1.2	.8	.4	.2						386	409		
90/89				.1	1.1	7.4	8.0	3.0	1.5	.7	.2	.1						646	697		
88/87			.0	.2	3.9	9.2	4.9	2.0	1.0	.2	.1	.0						623	661		
86/85			.1	1.1	3.8	4.4	1.9	1.0	.4	.2	.1			.0				377	389	5	
84/83		.1	.3	1.6	2.0	1.5	.3	.3	.1	.2	.0							187	196	40	
82/81		.2	.6	1.4	1.1	.4	.2	.1	.0	.0								119	122	268	
80/79	.0	.5	.9	1.2	.4	.2	.1	.0										57	100	787	
78/77	.2	1.1	1.6	.2	.1	.0	.0											95	95	804	
75/75	.2	.9	.5	.1	.1													51	51	503	
74/73	.2	.1	.1	.1														17	17	305	
72/71			.0															1	1	119	
70/69			.0															1	1	49	
68/67																				22	
66/65																				8	
64/63																				1	
62/61																				1	
60/59																				22	
58/57																				14	
56/55																				8	
54/53																				3	
42/41																				1	
TOTAL	.7	2.9	4.1	6.0	12.7	25.7	22.3	12.6	6.3	3.3	1.7	.9	.3	.2					3057	2912	
																			2912		2912

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	12057511	184193	63.3	11.820	2912	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	22547355	267943	87.6	4.519	3057			93.0	92.9	86.6	9.7	93
Wet Bulb	17392594	224878	77.2	3.016	2912			92.7	86.6	20.9		93
Dew Point	15595379	212761	73.1	4.157	2912			86.4	60.5	1.5		93

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

DATA PROCESSING BRANCH
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PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILOXI 42-74 AUG
STATION STATION NAME YEARS MONTH
 PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb		Dew Point		
102/101											.0									1	1		
100/ 99										.0	.0	.0	.0	.0						5	5		
98/ 97										.1	.1	.0	.0						9	9			
96/ 95										.1	.2	.4	.1	.2	.1	.1		.1	35	37			
94/ 93										.3	.8	1.5	.3	.2	.3			.1	103	105			
92/ 91					.0	.3	1.5	3.4	2.1	.9	.5	.4	.1						269	284			
90/ 89		.0	.0	.1	.9	4.9	5.9	3.1	1.1	.7	.3	.1							499	531			
88/ 87				.3	3.3	9.0	5.2	1.8	.6	.3	.2	.0							602	640	1	1	
86/ 85			.1	.8	6.0	6.0	2.5	1.2	.3	.2	.0								495	514	6	1	
84/ 83			.2	2.5	3.1	1.9	.6	.3	.1	.1									257	266	37	3	
82/ 81		.1	1.1	3.2	1.8	.5	.2	.2											205	212	168	15	
80/ 79		.6	2.8	1.6	.8	.1													171	179	525	70	
78/ 77	.1	1.0	1.7	.8	.2	.1													117	121	886	258	
76/ 75	.4	1.5	1.0	.2	.2														96	104	666	732	
74/ 73	.2	.6	.2		.1														31	33	351	720	
72/ 71		.3	.1																11	12	172	492	
70/ 69			.0																1	1	66	262	
68/ 67																					25	148	
66/ 65																					4	79	
64/ 63																						54	
62/ 61																						33	
60/ 59																						16	
58/ 57																						12	
56/ 55																						11	
TOTAL	.7	4.3	7.1	9.6	16.7	24.2	18.7	10.6	3.6	2.1	1.5	.4	.2	.0	.1				2907	3054	2907	2907	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total												
Rel. Hum.	13117081	191959	66.0	12.324	2907	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93											
Dry Bulb	22652912	262622	86.0	4.765	3054			93.0	92.6	82.3	4.8	93											
Wet Bulb	17083376	222682	5.6	2.962	2907			92.9	84.5	14.2		93											
Dew Point	15455441	211651	72.8	3.965	2907			86.4	57.6	1.6		93											

USAFETAC FORM 7 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 AUG
 STATION STATION NAME YEARS MONTH
 PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
96/ 95								.1	.0								3	3		
94/ 93							.1	.1	.0								8	8		
92/ 91	.0				.1	.1	.3	.2	.1								27	27	1	
90/ 89				.2	.3	1.2	.8	.5	.2	.1			.0				95	97		
88/ 87			.1	.4	3.2	3.4	1.8	.5	.2	.1							280	292		
86/ 85		.0	.2	1.7	7.4	6.2	2.0	.7	.1	.1	.0						536	578		
84/ 83			.5	6.0	7.6	3.7	1.2	.4	.0	.1							569	593	15	2
82/ 81		.1	2.9	7.3	3.5	1.3	.9	.1									465	485	51	17
80/ 79		.8	5.1	4.5	1.8	.8	.3	.2	.0								396	407	255	25
78/ 77	.1	2.3	4.7	1.5	.6	.2	.2	.0									277	294	802	193
76/ 75	.2	2.6	1.8	.9	.3	.2	.0										179	191	858	645
74/ 73	.1	.9	1.0	.1	.1		.0										65	72	536	843
72/ 71	.0	.1	.1	.0													8	10	241	573
70/ 69	.0	.0															2	2	99	287
68/ 67																			35	143
66/ 65																			16	96
64/ 63																			1	48
62/ 61																				14
60/ 59																				11
58/ 57																				9
56/ 55																				4
TOTAL	.5	6.9	16.3	22.6	24.8	17.1	7.6	2.9	.6	.4	.0	.0						3059		2910
																		2910		2910

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	15935038	213118	73.2	10.603	2910	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	20791901	251899	82.3	3.993	3059			93.0	92.6	70.3	.3	93
Wet Bulb	16604374	219662	75.3	2.820	2910			92.5	80.5	5.2		93
Dew Point	15388876	211370	72.6	3.511	2910			87.2	55.1	.9		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-65,67-74 SEP
STATION STATION NAME YEARS MONTH
PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
86/ 85			.1		.1	.1														7	7			
84/ 83		.2	.2	.4	.1	.0														21	21			
82/ 81		.2	1.8	1.6	.5	.0														98	109	7	3	
80/ 79	.0	2.0	4.3	1.5	.1															192	193	13	8	
78/ 77	.2	5.0	4.1	1.2	.5	.1														269	277	143	64	
76/ 75	1.0	10.2	5.0	1.5	.1	.1														434	462	349	262	
74/ 73	1.1	9.3	4.8	.9	.0															389	417	426	379	
72/ 71	2.0	6.0	4.0	.9	.2	.2	.1													344	363	436	460	
70/ 69	.4	4.1	3.0	1.9	.5	.2	.2													246	266	302	342	
68/ 67	.2	1.7	1.5	1.2	.5	.2														130	139	204	240	
66/ 65		1.0	1.2	1.1	.5	.1	.0													99	102	121	136	
64/ 63		.5	1.4	.9	.7	.2														88	90	95	94	
62/ 61	.0	.5	.4	.8	.3															48	49	94	88	
60/ 59	.1	.2	.4	.5	.1															33	39	94	76	
58/ 57		.0	.2	.1																8	10	54	76	
56/ 55		.1	.0																	3	4	43	56	
54/ 53			.1	.1																4	4	24	39	
52/ 51			.0	.1																3	3	4	35	
50/ 49			.0																	1	1	2	35	
48/ 47				.0																1	1	4	13	
46/ 45				.0																1	1	2	5	
44/ 43																						1	2	
42/ 41																						1	4	
36/ 35																							2	
TOTAL	5.2	41.8	32.6	14.6	4.2	1.2	.3													2419	2558	2419	2419	
Element (X)	Σx	Σx	Σx	Σx	Σx	Σx	Σx	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	18109534	208104	86.0	9.243	2419	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	13660310	186444	72.9	5.271	2558			79.3	52.3	8.1		90												
Wet Bulb	11907220	169128	69.9	5.837	2419			69.9	34.9	.4		90												
Dew Point	11420723	165395	68.4	6.810	2419			65.4	26.6	.2		90												

USAFETAC FORM 7 JUL 64 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
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PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
88/ 87			.1	.1	.1	.1												8	8				
86/ 85			.1	.3	.6	.1	.0											37	40				
84/ 83		.1	.5	1.8	.8	.2	.0	.0										97	101	4	1		
82/ 81		.3	2.5	2.8	1.4	.2	.1											199	209	8	8		
80/ 79	.0	1.5	4.3	3.1	.8	.3	.0	.0										278	292	37	16		
78/ 77	.2	4.2	5.4	2.6	.9	.3	.1	.1										376	397	222	95		
76/ 75	.7	6.5	5.6	2.2	1.1	.6	.1											460	479	403	312		
74/ 73	.8	5.9	4.6	1.4	.4	.4	.0											370	392	475	420		
72/ 71	.9	4.1	3.8	1.3	1.1	.5	.2											322	337	437	471		
70/ 69	.2	2.4	2.6	1.4	.5	.5	.0	.0										210	222	316	345		
68/ 67	.1	.9	1.3	1.2	.7	.3		.0										123	129	224	268		
66/ 65	.0	.7	.7	1.2	.6	.2	.0											98	99	155	178		
64/ 63		.2	.5	.7	.5	.1												56	57	117	134		
62/ 61		.3	.4	.8	.4													53	55	89	89		
60/ 59	.1	.1	.2	.3	.1	.0												23	25	82	111		
58/ 57		.0	.1	.3														12	14	59	75		
56/ 55		.0	.1	.1														6	7	42	56		
54/ 53			.0	.0	.0													3	3	27	49		
52/ 51			.0	.0	.0													3	3	8	36		
50/ 49			.0															1	1	4	42		
48/ 47				.1														2	2	3	12		
46/ 45			.0															1	1	2	10		
44/ 43																				2	2		
42/ 41																				2	2		
40/ 39																					2		
38/ 37																					1		
36/ 35																					3		
TOTAL	3.1	27.4	33.1	21.4	10.3	3.8	.7	.2											2873		2738		
																		2738		2738			
Element (X)	Σx ²	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	18820944	225214	82.3	10.281	2737	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90											
Dry Bulb	15952863	213463	74.3	5.679	2873			81.6	60.1	15.9		90											
Wet Bulb	13642464	192574	70.3	5.984	2738			70.5	30.4	.9		90											
Dew Point	12928551	187169	68.4	6.990	2738			63.6	28.0	.4		90											

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

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DATA PROCESSING BRANCH
USAF ETAC
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PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILGX 42-74 SEP
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-2	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
96/ 95								.1		.0	.0					4	5		
94/ 93							.0	.1	.1	.1						9	10		
92/ 91					.1	.3	.4	.5	.1	.2	.1	.0				45	48		
90/ 89				.1	.4	1.3	1.9	1.4	.6	.2	.0					160	169		
88/ 87			.1	.4	2.4	3.9	2.5	1.1	.5	.2	.2					308	320		
86/ 85			.3	1.5	5.1	4.8	2.4	1.0	.7	.2	.1					425	459	1	
84/ 83		.1	.6	3.7	4.6	3.3	1.6	1.0	.4	.2	.1	.1				427	446	12	3
82/ 81		.1	1.0	3.1	3.0	1.5	1.2	.7	.3	.1	.1					324	340	54	15
80/ 79		.4	2.2	2.6	2.2	1.7	.8	.5	.4	.3		.0				304	316	249	34
78/ 77	.0	1.0	2.0	1.8	1.2	1.0	.6	.3	.3	.1						224	239	503	162
76/ 75	.3	1.6	1.1	1.0	.7	1.0	.3	.3	.1	.1						177	186	554	386
74/ 73	.3	1.5	1.0	.4	.7	.5	.5	.2								139	146	436	479
72/ 71	.3	.5	.8	.3	.3	.3	.4	.1								81	84	297	465
70/ 69	.1	.4	.1	.2	.2	.3	.2	.1								42	42	205	311
68/ 67		.1	.2	.0	.1	.1		.0	.0							19	19	140	233
66/ 65		.1	.1	.0	.1	.1	.0	.1								14	15	98	163
64/ 63		.1		.0	.1											8	8	68	95
62/ 61	.0		.0		.0		.0	.0								5	5	50	108
60/ 59			.1	.0	.0	.0	.0									6	6	31	76
58/ 57				.0	.0	.0										2	2	13	46
56/ 55				.0												1	1	9	45
54/ 53																		5	33
52/ 51																		3	34
50/ 49																		4	18
48/ 47																		1	11
46/ 45																		1	6
44/ 43																			1
40/ 39																			5
38/ 37																			2
36/ 35																			1
34/ 33																			2
TOTAL	1.1	5.9	10.3	15.3	21.4	19.9	12.9	7.3	3.5	1.6	.6	.2				2734	2866	2734	2734

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	13179369	186365	68.2	13.193	2734	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	19218077	234141	81.7	5.595	2866			88.8	84.3	62.1	.5	90
Wet Bulb	14809180	200724	73.4	5.150	2734			80.7	59.6	5.0		90
Dew Point	13373916	190342	69.6	6.688	2734			68.7	35.5	.8		90

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

DATA PROCESSING BRANCH
 USAF ETAC
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PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	17-18	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							2	2		
96/ 95								.0	.1		.2							11	11		
94/ 93				.0		.2		.5	.3		.3							50	53		
92/ 91					.2	.7	2.0	1.4	1.3	.4	.2	.1	.0					176	180		
90/ 89				.1	1.0	3.6	3.4	1.8	1.4	.5	.2	.2	.2					343	349		
88/ 87			.1	.5	2.9	6.0	3.8	1.5	1.1	.5	.4	.1	.0					465	484	1	
86/ 85			.2	1.7	4.1	5.7	3.1	1.7	1.2	.5	.4	.1						518	542	2	1
84/ 83		.1	.6	2.7	2.6	3.3	1.9	1.1	.9	.6	.1		.0					379	404	21	4
82/ 81		.3	.7	2.1	2.1	1.0	.6	.6	.5	.5	.3	.0						239	254	98	17
80/ 79		.2	1.3	1.3	1.3	.8	.5	.3	.5	.3	.1	.0						180	194	409	50
78/ 77	.1	1.0	1.3	.5	.7	.4	.3	.5	.3									137	147	555	214
76/ 75	.2	1.5	1.0	.5	.2	.3	.1	.1	.2									111	114	534	454
74/ 73	.3	1.0	.4	.1	.2	.1	.0	.1	.1									61	63	420	489
72/ 71	.1	.3	.1	.2	.1	.0	.0	.0	.1									28	28	248	415
70/ 69	.1	.4	.2	.1	.0	.0	.0											25	25	147	316
68/ 67		.0	.1	.0		.0		.1	.1									13	13	115	183
66/ 65			.0	.1				.0										5	5	82	162
64/ 63		.1		.0														3	3	62	96
62/ 61																				24	88
60/ 59					.1													3	3	15	62
58/ 57																				3	43
56/ 55																				2	50
54/ 53																				4	28
52/ 51																				6	29
50/ 49																					22
48/ 47																					10
46/ 45																					6
44/ 43																					1
42/ 41																					4
40/ 39																					1
38/ 37																					4
TOTAL	.8	4.7	6.0	10.1	15.5	22.1	16.0	9.6	8.1	3.7	2.0	.9	.3					2749	2874	2749	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	11816485	175979	64.0	14.161	2749	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	20527380	242424	84.4	5.235	2874			89.7	87.6	74.8	2.1	90									
Wet Bulb	15344261	204965	74.6	4.754	2749			85.5	68.8	9.2		90									
Dew Point	13652879	192853	70.2	6.704	2749			70.2	40.2	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

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 SEP

STATION STATION NAME YEARS MONTH
 PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97										.0										1	1			
96/ 95											.0									1	1			
94/ 93							.0	.1	.1	.1	.1	.1								20	20			
92/ 91					.1	.1	1.1	.7	.5	.3	.0	.0	.0	.0						32	82			
90/ 89				.0	.0	1.9	2.1	1.1	.9	.4	.1	.1	.1	.0						204	208			
88/ 87			.1	.2	2.6	4.3	2.1	1.6	.4	.6	.1	.1	.0							328	337			
86/ 85		.0	.3	1.5	6.1	5.0	2.5	1.3	.7	.4	.1	.1	.0							493	513			
84/ 83		.1	.8	3.9	4.5	3.9	2.4	.8	.8	.4	.3		.1							494	517	13	2	
82/ 81		.1	1.8	3.8	3.4	2.3	1.2	.8	.5	.4	.3	.0								396	422	58	13	
80/ 79		.4	2.3	2.2	1.8	.9	.7	.5	.5	.3	.0									262	282	300	32	
78/ 77	.1	.9	2.1	1.2	.5	.5	.5	.3	.4	.0	.6									181	194	564	165	
76/ 75	.3	1.3	.9	.7	.3	.3	.1	.2	.2											114	125	571	491	
74/ 73	.4	1.6	.5	.1	.1	.1	.1	.1	.0											82	82	466	530	
72/ 71	.3	.6	.1	.4		.0	.1													42	43	316	403	
70/ 69	.0	.1	.1	.1	.1	.0	.0	.0	.0											16	16	146	313	
68/ 67	.0	.1	.1			.0	.0	.1	.1											14	14	117	244	
66/ 65	.0	.1	.1	.1		.0	.0													12	12	82	138	
64/ 63		.0																		1	1	52	93	
62/ 61																						30	80	
60/ 59					.1															2	2	15	67	
58/ 57					.0															1	1	1	42	
56/ 55																						6	29	
54/ 53																						2	26	
52/ 51																						5	28	
50/ 49																							19	
48/ 47																							12	
46/ 45																							6	
44/ 43																							7	
42/ 41																							1	
38/ 37																							2	
36/ 35																							1	
TOTAL	1.2	5.4	9.1	14.1	20.2	19.6	12.8	7.6	5.2	2.8	1.2	.4	.3	.1							2873		2744	
																					2744		2744	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	12860719	133829	67.0	14.101	2744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	19819777	238209	82.9	4.907	2744			89.5	87.2	70.9	.7	90												
Wet Bulb	15160021	203581	74.2	4.521	2744			83.7	64.7	5.6		90												
Dew Point	13635704	192626	70.2	6.434	2744			71.9	40.4	.9		90												

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILOXI

42-74

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point		
90/ 89							.0											1	1				
88/ 87				.2	.6	1.4	.6	.1										80	80				
86/ 85		.0	.1	.8	2.2	1.3	1.0	.2	.0									158	160				
84/ 83		.1	.7	4.7	5.0	1.8	.7	.1		.1								362	380	2			
82/ 81		.2	3.5	6.7	4.6	1.6	.7	.2	.1									486	508	16	11		
80/ 79		.8	5.5	6.7	2.8	1.7	.7	.3	.1	.1	.0							512	531	91	10		
78/ 77	.1	1.8	4.7	3.3	2.1	1.0	.6	.4	.1	.0								384	399	445	117		
76/ 75	.2	2.8	3.2	1.9	.9	1.1	.6	.1	.0									296	332	612	401		
74/ 73	.6	2.4	1.7	1.1	.9	.7	.4	.1	.1									218	223	548	584		
72/ 71	.4	.9	.8	.6	.6	.5	.1	.1										112	119	387	491		
70/ 69	.1	.5	.3	.7	.3	.2		.0										61	62	220	351		
68/ 67		.2	.3	.1	.4	.0	.0											29	32	125	241		
66/ 65		.1	.2	.2	.2	.0												20	21	115	144		
64/ 63		.1	.1		.0	.1	.0											11	11	75	76		
62/ 61		.1			.1	.0	.0											7	7	54	89		
60/ 59					.0	.1												3	3	29	66		
58/ 57				.1	.0	.0												4	4	9	59		
56/ 55					.0													1	1	2	41		
54/ 53																				5	26		
52/ 51																				6	6		
50/ 49																				3	5		
48/ 47																				1	13		
46/ 45																					7		
44/ 43																					1		
42/ 41																					5		
40/ 39																					1		
TOTAL	1.4	10.1	21.1	27.1	21.6	11.4	5.5	1.8	.5	.2	.1							2745	2874	2745	2745		
Element (X)	Σx ¹	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	No. Obs.	Mean No. of Hours with Temperature				
Rel. Hum.	15916206	206620	75.3	11.416	2745	Σ 0 F	Σ 32 F	Σ 67 F	Σ 73 F	Σ 80 F	Σ 93 F	Total											
Dry Bulb	17907773	226465	78.8	4.676	2874			88.5	81.9	44.4		90											
Wet Bulb	14606349	199822	72.8	4.689	2745			80.2	56.2	1.4		90											
Dew Point	13554386	192210	70.0	5.899	2745			72.3	36.8	.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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-64,69,73-74 OCT

STATION

STATION NAME

YEARS

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
82/ 81		.0	.2	.4														14	14		
80/ 79		.2	1.1	.4	.2	.0							.0					42	42	3	
78/ 77		1.0	1.0	.8	.1													63	63	16	6
76/ 75	.0	2.9	1.6	.5														108	120	64	39
74/ 73	.3	3.7	3.0	.4			.0											162	166	110	102
72/ 71	.4	3.4	2.4	.7	.1													154	164	152	110
70/ 69	.4	3.3	3.1	.8	.4	.1		.0										178	208	172	152
68/ 67	.6	4.3	2.6	1.5	.8	.3		.1										222	260	154	172
66/ 65	.4	5.1	2.9	1.5	.7	.2	.0	.0										236	262	193	149
64/ 63	.6	3.1	2.4	1.6	1.1	.4	.1	.0										201	209	171	184
62/ 61	.7	2.8	2.0	1.4	.7	.4	.3	.0										182	192	197	162
60/ 59	.3	2.2	1.6	1.9	.8	.7	.1											165	170	169	147
58/ 57	.1	1.3	1.3	1.3	1.0	.4	.1											119	124	135	152
56/ 55	.1	1.2	1.4	.9	.6	.1												95	98	139	107
54/ 53	.1	.4	1.0	1.2	.4	.0												69	69	121	108
52/ 51		.6	.9	1.2	.3	.1	.1											69	72	88	105
50/ 49		.3	.8	.5	.2	.0												39	39	92	72
48/ 47			.6	.1	.1	.2												22	22	76	69
46/ 45		.0	.3	.2	.1	.0												14	14	50	73
44/ 43		.2	.5	.1	.1													18	18	31	54
42/ 41		.0	.0	.1														4	4	14	83
40/ 39			.0															1	1	19	55
38/ 37																				9	16
36/ 35																			2	2	29
34/ 33																					11
32/ 31																					4
30/ 29																					3
28/ 27																					1
26/ 25																					3
24/ 23																					7
22/ 21																					2
TOTAL	4.0	36.0	30.5	17.6	7.7	3.1	.8	.3					.0						2331		2177
																		2177		2177	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	14741963	176947	81.3	12.857	2177	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	9963525	151337	64.9	7.701	2331			41.4	16.2	1.5		93									
Wet Bulb	8325552	133290	61.2	8.699	2177			28.7	8.2			93									
Dew Point	7726882	127650	58.6	10.546	2177		.9	24.8	6.3			93									

USAFETAC FORM 12-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-65,67,69-74 OCT
STATION STATION NAME YEARS 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	.4														17	12		
80/ 79		.1	.6	.6	.2	.1			.0									41	41		
78/ 77		.6	.8	.4	.0													45	45	12	3
76/ 75	.1	2.1	.7	.1	.0													75	82	56	30
74/ 73	.8	4.1	1.8	.1	.0													163	169	115	112
72/ 71	.9	3.1	1.7	.2														148	158	158	132
70/ 69	.6	3.6	1.8	.4	.1	.0												160	171	149	141
68/ 67	.7	4.0	2.9	1.0	.2	.1												217	250	154	139
66/ 65	.6	4.4	3.0	1.3	.4													239	260	180	174
64/ 63	.7	4.1	2.4	1.2	.6	.2	.0											227	245	188	172
62/ 61	.7	3.9	2.7	1.2	.9	.1	.0											234	247	224	176
60/ 59	.6	3.2	2.1	1.7	.6	.5	.0	.0										217	225	209	182
58/ 57	.1	1.9	2.0	1.7	.8	.2	.0											165	169	175	181
56/ 55	.2	1.5	1.4	1.1	.7	.1	.0	.0										123	128	148	151
54/ 53	.2	1.2	1.2	1.4	.6	.1												112	117	155	105
52/ 51		1.3	1.6	.7	.3													98	98	112	124
50/ 49	.0	.4	1.4	.8	.2													68	70	119	123
48/ 47		.3	1.5	.2														51	52	103	98
46/ 45		.3	.4	.2	.1	.0												26	26	77	78
44/ 43		.2	.2	.1	.1													15	15	59	89
42/ 41		.1	.5	.1														18	18	19	70
40/ 39		.1	.2	.1														9	9	18	82
38/ 37		.1																2	2	19	27
36/ 35		.0																1	1	8	34
34/ 33																				3	23
32/ 31																					3
30/ 29																					4
28/ 27																					2
26/ 25																					3
24/ 23																					5
22/ 21																					3
TOTAL	6.0	40.6	30.9	15.0	5.8	1.5	.1	.1	.0										2630		2466
																		2466		2466	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	17405538	205032	83.1	12.059	2466	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	10651536	165996	63.1	8.146	2466			32.8	12.3	1.1		93
Wet Bulb	9045690	147692	59.9	9.013	2466			21.2	6.9			93
Dew Point	8448969	141953	57.6	10.612	2466			21.1	5.5			93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74 OCT
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85					.0													1	1		
84/ 83				.1	.1	.0												7	7		
82/ 81			.3	.6	.1	.0												27	27		
80/ 79		.1	.7	.5	.2	.1												43	44		
78/ 77	.1	1.0	.7	.5	.3													70	73	24	5
76/ 75	.1	2.1	1.7	.8	.2	.0												137	143	76	48
74/ 73	.5	2.2	2.5	.7	.3	.1												177	191	129	115
72/ 71	.8	2.0	2.4	.7	.4	.1	.0											185	212	169	128
70/ 69	.5	2.4	2.6	1.2	.8	.2	.1	.0	.0									219	239	178	163
68/ 67	.3	2.9	2.8	1.0	1.2	.3	.3	.0										246	277	163	170
66/ 65	.3	3.3	3.0	1.5	.8	.3	.1											258	286	194	171
64/ 63	.7	3.4	2.2	2.0	.9	.4	.1	.0										271	284	242	187
62/ 61	.4	2.5	2.0	1.8	.7	.4	.2											221	232	238	202
60/ 59	.3	2.2	2.0	1.8	.9	.4	.1											212	219	215	204
58/ 57	.1	1.1	1.7	2.0	1.0	.2	.1											172	177	202	178
56/ 55	.1	1.0	2.0	1.5	.9	.1												157	159	185	161
54/ 53	.1	1.2	1.0	1.2	.5	.2	.1											117	119	161	150
52/ 51	.1	.6	1.0	1.0	.4	.0	.0											87	89	164	143
50/ 49		.5	1.0	.5	.3	.0												66	66	129	147
48/ 47		.3	.9	.4	.1													46	47	114	131
46/ 45		.3	.6	.2	.1													30	30	79	108
44/ 43		.1	.2	.3	.1													17	17	55	88
42/ 41		.1	.4	.1														14	14	26	89
40/ 39		.1	.1	.0														6	6	21	74
38/ 37		.1																2	2	17	38
36/ 35																				7	38
34/ 33																				1	20
32/ 31																					10
30/ 29																					11
28/ 27																					2
26/ 25																					4
24/ 23																					3
TOTAL	4.3	29.4	31.6	20.4	10.0	3.0	1.0	.1	.0									2788	2961	2788	2788

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	18217253	222561	79.8	12.715	2788	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	12378413	189881	64.1	8.258	2961			38.1	15.3	1.7		93
Wet Bulb	10302156	167630	60.1	8.951	2788			24.7	7.6			93
Dew Point	9470211	159779	57.3	10.603	2788		1.0	21.0	5.6			93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
90/ 89						.1	.1										7	8		
88/ 87						.4	.1	.1	.1	.0							20	22		
86/ 85				.3	.9	.9	.6	.2	.5	.1	.0	.1					97	102		
84/ 83			.1	1.0	1.1	1.0	.6	.4	.4	.2	.1						139	147		
82/ 81		.0	.4	1.6	1.9	1.3	1.3	.9	.5	.2	.1	.1					234	252		
80/ 79		.2	1.0	2.2	2.1	1.8	1.7	1.0	.8	.2	.1	.1					316	353	30	2
78/ 77		.4	1.3	2.2	2.3	1.7	1.2	.9	.7	.2	.1	.1					312	343	92	17
76/ 75	.1	.7	1.5	2.1	1.9	1.7	1.5	1.2	.6	.4	.1						330	351	157	34
74/ 73	.1	.6	.9	1.5	1.6	1.3	1.2	.7	.4	.3							242	252	249	147
72/ 71	.1	.4	.9	1.8	1.3	1.4	1.0	.4	.7	.3		.0					231	237	248	168
70/ 69		.5	1.3	1.1	1.1	1.1	.7	.5	.5	.1	.1						197	204	271	218
68/ 67	.2	.4	.9	.9	1.1	.8	.7	.6	.4	.0							172	177	280	201
66/ 65	.1	.3	.5	.5	.6	.7	1.0	.6	.4								137	139	275	203
64/ 63		.3	.5	.4	.5	.5	.8	.5	.1	.0							102	104	230	212
62/ 61	.0	.1	.4	.5	.7	.8	.4	.2	.1								90	91	204	221
60/ 59	.0	.1	.2	.4	.6	.7	.4	.1									73	73	156	179
58/ 57		.1	.3	.4	.3	.3	.2	.0									43	43	127	164
56/ 55		.1	.3	.2	.3	.2	.1	.1									38	38	124	159
54/ 53		.1	.1	.1	.1	.1	.1										15	15	108	118
52/ 51				.1	.0	.1	.0										6	6	113	106
50/ 49				.1	.1	.1											6	6	68	105
48/ 47					.0												1	1	39	80
46/ 45				.1													2	2	22	79
44/ 43																			6	76
42/ 41																			8	75
40/ 39																			3	66
38/ 37																				38
36/ 35																				32
34/ 33																				26
32/ 31																				9
30/ 29																				14
28/ 27																				3
26/ 25																				6
24/ 23																				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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74

OCT

STATION

STATION NAME

YEARS

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
22/ 21																					
TOTAL	.6	4.4	10.5	17.2	18.6	17.0	13.8	8.6	6.1	2.1	.5	.5						2966		2810	
																		2810		2810	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	11774850	176326	62.8	15.863	2809	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	16294383	218719	73.7	7.473	2966			76.8	57.4	22.4			93								
Wet Bulb	12005222	182294	64.9	7.987	2810			43.9	17.5	.1			93								
Dew Point	10196021	166467	59.2	10.910	2810		1.1	27.7	8.3				93								

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74 OCT
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
92/ 91							.0											1	4																	
90/ 89						.2	.2	.1	.2	.1	.1			.0				30	32																	
88/ 87					.5	.9	.3	.1	.4	.4	.2	.1	.0	.0				80	87																	
86/ 85			.3	.8	1.6	1.1	1.1	.5	.5	.2	.1	.2	.1					187	198																	
84/ 83			.1	.9	1.8	1.9	1.1	1.3	.9	.8	.6	.1	.2	.0				276	294																	
82/ 81			.3	1.5	2.5	2.4	2.0	1.4	.9	.7	.5	.4	.1					355	384	3																
80/ 79		.2	.5	1.8	3.4	3.1	1.6	1.5	1.5	1.1	.4	.5	.1					440	484	41	4															
78/ 77		.1	.7	1.4	2.1	2.4	1.9	1.3	.9	.9	.4	.1	.0	.0				345	364	111	28															
76/ 75		.5	.5	2.1	1.5	1.7	1.2	1.2	.6	.5	.2	.1	.0					287	295	186	81															
74/ 73	.1	.4	.7	1.0	.9	.6	.7	1.2	.7	.6	.5	.1						211	215	276	141															
72/ 71	.0	.2	.5	1.0	.7	.9	.6	.8	.6	.4	.1	.0						167	174	329	197															
70/ 69		.1	.4	.5	.4	.4	.6	.7	.7	.3	.1							119	121	328	223															
68/ 67	.1	.1	.3	.2	.3	.2	.5	.9	.6	.2	.1							102	102	294	245															
66/ 65		.1	.1	.2	.1	.2	.5	.7	.3	.1								68	68	248	237															
64/ 63	.1	.2	.1	.4	.1	.4	.4	.2	.2									60	60	212	215															
62/ 61		.1	.0	.2	.2	.2	.1	.0	.1									29	29	180	183															
60/ 59	.0	.1	.1	.0	.1	.1	.1	.1										17	17	154	156															
58/ 57		.2	.1	.1	.1	.1	.1	.0										14	14	105	147															
56/ 55		.1	.0	.1	.1	.1	.1	.0										13	13	103	136															
54/ 53		.1	.0	.1	.1	.0	.0											7	7	112	113															
52/ 51																				65	110															
50/ 49																				33	97															
48/ 47																				16	71															
46/ 45																				7	83															
44/ 43																				5	74															
42/ 41																					74															
40/ 39																					52															
38/ 37																					54															
36/ 35																					24															
34/ 33																					17															
32/ 31																					25															
30/ 29																					12															
28/ 27																					3															
26/ 25																					3															
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/GILOXI 47-67,69-74 OCT
 STATION STATION NAME YEARS 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
24/ 23																					1
22/ 21																					2
TOTAL	.4	2.4	4.7	11.8	15.6	17.5	13.2	12.8	9.3	6.6	3.4	1.6	.7	.2				2808	2962	2808	2808

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 91 F	
Rel. Hum.	9962423	160525	57.2	16.730	2808			86.5	74.0	39.7		93
Dry Bulb	17852157	229151	77.4	6.477	2962			51.9	20.4	.4		93
Wet Bulb	12550396	186598	66.5	7.323	2808		1.5	30.4	8.4			93
Dew Point	10354064	167664	59.7	11.053	2808							93

USAFETAC FORM 7-64 0-26-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74 OCT
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																		8	10		
90/ 89						.1	.1	.0					.0					25	29		
88/ 87					.1	.2	.2	.0		.0	.1	.1	.0	.0				85	89		
86/ 85				.1	.7	.5	.6	.2	.3	.1	.2	.1	.1	.1				156	165		
84/ 83		.0	.1	.8	1.2	1.3	.5	.5	.3	.4	.2	.2		.0				266	286	1	
82/ 81		.2	.9	2.2	3.2	2.7	1.0	.8	.8	.6	.5	.1	.0					366	395	18	1
80/ 79		.3	1.5	2.4	3.0	2.8	1.6	1.4	.8	.5	.3	.1	.1					413	446	91	16
78/ 77		.6	1.7	3.0	3.1	2.0	1.4	.9	.5	.2	.2	.1						388	409	155	72
76/ 75	.1	.7	1.4	2.0	2.1	1.2	.6	1.0	.6	.3	.4	.1						294	309	271	142
74/ 73	.1	.5	1.4	1.3	1.2	1.1	1.0	.8	.6	.3	.1							236	244	304	212
72/ 71	.2	.5	.6	1.1	1.0	.8	.5	.8	.4	.2	.1							177	182	378	250
70/ 69	.2	.4	.4	.6	.6	.4	.8	.6	.6	.1	.1							142	142	329	252
68/ 67	.3	.4	.2	.4	.2	.6	.6	.2										85	88	256	291
66/ 65	.1	.1	.2	.3	.5	.5	.2	.2										66	68	228	226
64/ 63	.1	.1	.4	.1	.2	.1	.2	.1	.0									31	31	136	202
62/ 61	.1	.1	.1	.1	.1	.3	.1	.1	.0									26	26	151	148
60/ 59	.1	.1	.0	.0	.2	.1												16	16	97	143
58/ 57	.2	.1	.1	.2	.1	.1												22	22	112	124
56/ 55		.1	.1	.0														3	3	103	110
54/ 53																					
52/ 51			.0		.1													4	4	65	96
50/ 49			.0															1	1	30	80
48/ 47																				20	80
46/ 45																				9	76
44/ 43																				5	75
42/ 41																					50
40/ 39																					53
38/ 37																					29
36/ 35																					26
34/ 33																					23
32/ 31																					15
30/ 29																					9
28/ 27																					5
26/ 25																					2
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 04 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KLEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74

OCT

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL									
	0	1-2	3-4	5-5	7-8	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				.4	.2																														16	16						
82/ 81		.0	.3	.9	.4	.0		.0																											46	46						
80/ 79		.2	2.4	1.6	1.4	.4	.1								.0																				174	179		1				
78/ 77		.8	2.7	2.4	1.3	.6	.2	.0	.1	.0	.0																								228	250	45	9				
76/ 75	.1	1.7	3.1	2.9	1.4	.7	.4	.2	.1	.1	.0																								297	321	135	67				
74/ 73	.2	1.6	4.6	3.2	1.3	.7	.5	.2	.0																											344	375	216	154			
72/ 71	.1	2.1	3.4	3.3	1.3	1.0	.6	.2	.0																											356	392	256	193			
70/ 69	.4	1.6	3.8	2.5	1.5	1.0	.4	.2	.1																											322	340	340	272			
68/ 67	.2	1.8	2.4	1.3	1.5	.9	.5	.2																												248	255	300	269			
66/ 65	.2	1.1	2.1	1.4	1.2	.8	.6	.0	.0																											211	217	304	284			
64/ 63	.0	.7	1.0	1.1	.9	1.0	.4	.2																												146	148	223	248			
62/ 61	.1	.7	1.0	.8	.9	.5	.3	.1																												128	131	217	170			
60/ 59	.0	.8	.5	.7	.9	.5	.1	.1	.0																											104	104	166	179			
58/ 57		.4	.4	.7	.7	.4	.1	.0																												77	81	154	147			
56/ 55	.1	.1	.3	.5	.5	.4	.1																													53	53	122	159			
54/ 53	.0	.0	.2	.4	.1	.1																														22	22	106	111			
52/ 51			.0	.3	.1																															13	13	83	95			
50/ 49		.0	.1	.1	.2																																13	13	58	80		
48/ 47			.1																																	3	3	36	81			
46/ 45																																							23	74		
44/ 43																																							15	58		
42/ 41																																							4	45		
40/ 39																																								4	26	
38/ 37																																								21		
36/ 35																																								16		
34/ 33																																								17		
32/ 31																																								5		
30/ 29																																								1		
28/ 27																																								1		
26/ 25																																								1		
24/ 23																																								1		
TOTAL		1.8	13.8	28.6	24.4	16.4	8.9	4.4	1.4	.4	.1	.0																											2804	2960	2804	2804
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																														
Rel. Hum	16145968	209304	74.6	13.653	2804	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																														
Dry Bulb	14686171	207581	70.1	6.597	2960			68.3	37.3	4.7		93																														
Wet Bulb	11861924	181166	64.6	7.470	2804			42.9	13.2			93																														
Dew Point	10743316	171492	61.2	9.536	2804			.3	32.0	7.6		93																														

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74 OCT
STATION STATION NAME YEARS MONTH
PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.2														4	4		
82/ 81		.1	.3	.8	.0													29	29		
80/ 79		.1	1.3	.6	.5	.1												65	65	3	
78/ 77		.8	1.6	1.1	.6			.0										103	109	22	6
76/ 75	.6	2.9	2.8	1.3	.2			.0										180	194	89	49
74/ 73	.3	2.4	4.3	1.7	.3	.2		.1	.0									231	246	154	122
72/ 71	.4	3.3	2.7	1.6	.7	.2	.2											223	248	193	150
70/ 69	.3	4.5	3.3	1.5	1.0	.6	.1	.0										280	320	252	217
68/ 67	.2	4.1	3.7	1.5	1.0	.8	.3											283	308	231	237
66/ 65	.2	2.7	2.8	1.5	1.5	.5	.5											241	253	231	204
64/ 63	.4	2.1	2.1	1.3	.7	.6	.5	.0										193	198	219	216
62/ 61	.4	1.9	1.7	.6	1.1	.5	.2											162	167	192	175
60/ 59	.1	1.2	1.4	1.2	1.0	.3	.2											132	135	173	141
58/ 57	.1	1.4	1.2	1.2	.6	.3	.0	.0										120	121	160	145
56/ 55		.4	.9	.7	.6	.3												72	75	121	151
54/ 53		.3	.8	.8	.7	.1	.1											69	70	121	114
52/ 51		.1	.5	.3	.1	.1	.0											29	30	96	71
50/ 49		.1	.5	.2	.2	.0												24	24	75	95
48/ 47			.0	.3	.1	.0												13	13	56	74
46/ 45		.2	.1	.2														11	11	34	69
44/ 43		.0		.0														2	2	18	70
42/ 41																				18	61
40/ 39																				9	25
38/ 37																					24
36/ 35																					19
34/ 33																					14
32/ 31																					3
30/ 29																					4
28/ 27																					3
26/ 25																					1
24/ 23																					2
22/ 21																					1
TOTAL	2.528	7.31	9.18	7.10	8.4	4.9	2.3	.2										2466	2622	2467	2466
Element (K)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	15940211	195545	79.3	13.178	2465	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	11961081	176087	67.2	7.191	2622			54.0	22.9	2.2		93									
Wet Bulb	9921007	155163	62.9	8.104	2467			35.6	0.1			93									
Dew Point	9146664	148154	60.1	9.985	2466		.5	29.5	6.7			93									

USAFETAC FORM 301 2-5 U-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 KESLER AFB MISSISSIPPI/BILOXI 42-64,73-74 NOV
STATION STATION NAME YEARS 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		.1	.2															6	5					
76/ 75		.1	.6	.1														18	18	2	2			
74/ 73	.2	.5	.8	.1														34	37	16	7			
72/ 71	.5	1.4	.9	.2														66	68	49	43			
70/ 69	1.1	3.1	1.8	.1					.0									131	135	71	62			
68/ 67	1.0	3.4	1.1	.2	.1	.1	.1											140	144	152	105			
66/ 65	1.3	3.4	1.7	.4	.0													145	160	120	145			
64/ 63	1.4	3.8	1.2	.6	.1													149	154	149	126			
62/ 61	.6	3.1	1.7	.5	.4													134	138	109	114			
60/ 59	.8	2.4	1.9	.6	.1	.2	.0											131	142	131	103			
58/ 57	.5	2.7	1.7	.7	.1	.3	.0											129	143	119	112			
56/ 55	.6	1.7	2.1	.8	.8	.1												130	140	121	115			
54/ 53	.2	2.3	2.0	1.4	.7	.2												144	151	91	91			
52/ 51	.4	1.9	1.4	1.4	.6	.2												127	136	122	91			
50/ 49	.2	2.0	1.8	1.7	.7	.1												138	142	118	98			
48/ 47	.2	1.5	2.0	1.7	.8	.2												140	148	126	113			
46/ 45	.3	1.1	1.8	1.0	.6													103	108	137	81			
44/ 43		.5	1.8	1.5	.3													89	92	112	77			
42/ 41	.5	1.0	1.5	1.0	.2													79	80	102	105			
40/ 39	.1	.2	.2	.4	.0													33	35	108	94			
38/ 37		.4	.3	.3														26	26	74	79			
36/ 35		.0	.7	.4														24	24	49	98			
34/ 33		.0	.3	.0														9	11	16	66			
32/ 31			.1	.0														3	4	22	55			
30/ 29				.0														1	1	14	53			
28/ 27			.1															2	2	2	23			
26/ 25																					34			
24/ 23																				3	11			
22/ 21																					8			
20/ 19																					7			
18/ 17																					4			
16/ 15																					1			
14/ 13																					1			
12/ 11																					1			
Element (X)	Σ X'	Σ X	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-65,67-74

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
78/ 77		.1	.1																												4	4			
76/ 75		.3	.4	.1																											19	20	3	3	
74/ 73		.5	.6	.0																										15	20	10	3		
72/ 71		.8	.8	.3																										59	60	38	31		
70/ 69	.0	1.0	1.3	.1																										114	114	71	66		
68/ 67	.4	1.2	1.2	.1			.0																							131	141	113	94		
66/ 65	1.0	1.8	.8	.2	.0	.0																								122	135	147	133		
64/ 63	1.0	1.6	1.0	.3	.0	.1																								156	162	128	130		
62/ 61	.7	1.2	1.2	.2	.2	.0																								126	131	108	103		
60/ 59	1.2	1.2	2.1	.4	.1		.0																							169	176	132	119		
58/ 57	.7	1.1	1.1	.2	.1	.0	.1																							121	127	142	115		
56/ 55	.5	1.8	1.8	.8	.3	.2	.0																							138	157	122	120		
54/ 53	.5	1.0	2.0	.8	.6	.1																								128	141	105	103		
52/ 51	.3	1.0	2.0	1.0	.6	.1																								145	151	89	90		
50/ 49	.5	1.5	2.3	1.2	.6	.1																								144	147	148	99		
48/ 47	.2	1.7	2.8	1.3	.8	.2																								161	165	118	115		
46/ 45	.1	1.9	2.6	1.6	.3	.0																								153	163	149	92		
44/ 43	.2	1.4	1.6	1.3	.1																									105	112	148	112		
42/ 41		.9	2.0	.9	.0																									88	88	130	98		
40/ 39	.1	1.1	1.8	.5																										81	86	115	119		
38/ 37	.1	.6	1.1	.3																										49	49	112	96		
36/ 35		.2	.9	.3																										33	33	70	105		
34/ 33		.1	.7	.2																										24	24	41	83		
32/ 31		.2	.3	.1																										14	15	26	88		
30/ 29		.0	.1	.1																										6	8	24	61		
28/ 27			.1																											2	2	10	37		
26/ 25																																5	41		
24/ 23																															3	21			
22/ 21																																	9		
20/ 19																																	9		
18/ 17																																	4		
16/ 15																																	1		
14/ 13																																	5		
12/ 11																																	2		
Element (X)	Σx	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 NOV

STATION STATION NAME YEARS MONTH PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77		.0	.1	.0														5	5		
76/ 75		.3	.3	.1	.1	.0												29	28	2	
74/ 73	.1	.5	.6	.1														37	39	19	11
72/ 71	.2	1.6	.9	.4	.0													89	89	46	33
70/ 69	1.0	1.9	1.9	.3	.1													149	154	102	86
68/ 67	1.1	2.2	1.5	.3														144	155	129	120
66/ 65	1.3	2.5	1.3	.4	.0	.0	.0											158	170	168	141
64/ 63	1.0	2.7	1.4	.3	.0													155	164	141	141
62/ 61	.7	3.1	1.0	.6	.1	.1												159	163	148	132
60/ 59	.5	3.4	1.6	.7	.2	.1												182	190	152	142
58/ 57	.5	2.6	1.9	.9	.4	.2	.1											192	197	147	151
56/ 55	.4	1.9	1.8	.8	.6	.1	.0											158	170	153	128
54/ 53	.7	1.7	2.1	.8	.5	.2	.1											174	188	146	123
52/ 51	.3	1.5	1.8	1.2	.8	.1	.0											164	171	136	112
50/ 49	.5	1.7	2.3	1.5	.8	.1												194	199	159	133
48/ 47	.2	1.6	1.8	1.7	.9	.1												179	181	153	134
46/ 45		1.3	2.7	1.7	.5													174	187	175	100
44/ 43		1.3	2.0	1.3	.3													140	145	160	135
42/ 41	.1	1.1	1.6	1.2	.1													114	117	178	133
40/ 39	.1	.5	1.6	.8	.0													87	88	165	132
38/ 37	.1	.8	1.1	.4	.1													68	70	113	141
36/ 35		.3	.7	.1														31	31	98	105
34/ 33		.1	.9	.0														20	20	57	112
32/ 31		.3	.4	.1														21	22	28	126
30/ 29		.1	.1	.0														7	10	27	83
28/ 27			.1															3	3	13	59
26/ 25		.0	.0															2	2	4	44
24/ 23																				5	32
22/ 21																					15
20/ 19																					3
18/ 17																					8
16/ 15																					4
14/ 13																					3
12/ 11																					2
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

13820 KLESLER AFB MISSISSIPPI/BILOXI 42-74

NOV

STATION STATION NAME YEARS MONTH
 PAGE 1 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
84/ 83			.1				.0													3	3		
82/ 81				.0	.2		.1													9	9		
80/ 79			.2	.4	.4	.4	.1	.1												46	46	2	
78/ 77			.5	1.1	.6	.4	.2	.1						.0						79	79		2
76/ 75		.1	1.2	2.0	1.3	.5	.3	.1	.0	.0										158	158	8	3
74/ 73	.1	.8	1.5	2.0	1.2	.7	.4	.2	.1	.0										195	203	51	13
72/ 71	.2	1.0	1.7	1.8	1.2	.8	.4	.2	.2	.0										214	225	126	59
70/ 69	.2	1.2	1.8	1.8	1.0	.8	.5	.2	.4	.1										227	244	180	115
68/ 67	.2	1.3	1.4	1.1	1.2	1.0	.5	.4	.2	.0	.0									205	214	201	155
66/ 65	.2	1.0	1.6	1.0	.9	1.4	.7	.5	.2	.1										211	227	199	166
64/ 63	.3	.6	1.0	1.3	1.1	1.0	.6	.5	.2											189	196	170	178
62/ 61	.0	.9	.8	1.4	1.3	1.5	.8	.7	.1											214	223	159	137
60/ 59	.0	.8	.7	1.2	1.3	1.1	.6	.5	.2											179	192	161	148
58/ 57	.1	.5	.7	.9	1.2	1.2	.7	.4												161	165	166	130
56/ 55	.1	.5	.7	1.2	1.2	1.0	.6	.2												158	163	174	131
54/ 53	.2	.4	.3	1.2	1.1	1.1	.4	.2												137	139	171	131
52/ 51	.2	.2	.5	1.2	.9	1.0	.5													130	132	185	128
50/ 49	.1	.4	.7	.6	.8	.5	.3													97	100	152	109
48/ 47		.0	.5	1.2	.7	.5	.0													84	88	76	117
46/ 45		.2	.2	.6	.6	.2	.0													55	60	153	127
44/ 43		.0	.3	.5	.5	.2	.0													44	44	119	122
42/ 41		.0	.1	.2	.4	.0														22	22	107	131
40/ 39				.1	.2															8	9	73	122
38/ 37				.2	.0															6	6	41	99
36/ 35			.1	.1	.0															5	6	30	71
34/ 33				.0																1	1	18	110
32/ 31				.1																2	2	11	68
30/ 29				.0																1	1	2	66
28/ 27																						2	46
26/ 25																						2	54
24/ 23																						1	45
22/ 21																							23
20/ 19																							11
18/ 17																							9
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature							Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	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

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 NOV
 STATION STATION NAME YEARS 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					.1	.0	.1		.0									7	7																
82/ 81			.1	.2	.4	.2	.0	.0										28	28																
80/ 79			.2	.7	.8	.7	.3	.1	.1		.1							86	86																
78/ 77		.1	.7	1.3	1.3	1.0	.2	.1	.2	.1	.0	.0						141	141	3															
76/ 75	.0	.1	.9	2.9	2.0	.7	.7	.4	.3	.2	.1							239	255	22	6														
74/ 73	.1	.6	1.3	2.6	2.2	1.4	.8	.3	.1	.2	.1							282	296	77	28														
72/ 71		.5	1.0	1.9	1.9	1.8	1.0	.4	.2	.2	.2	.1						261	277	130	67														
70/ 69	.1	.6	1.2	1.8	1.6	1.9	1.2	.7	.7	.4	.2	.0						296	313	207	103														
68/ 67	.1	.8	1.1	.6	1.3	2.0	1.1	.9	.5	.4								246	254	231	155														
66/ 65	.3	.8	.8	.7	1.1	1.5	1.0	.8	.9	.2	.0							233	240	194	194														
64/ 63	.2	.3	.4	.8	1.1	1.5	1.3	1.2	.8	.3								225	233	226	184														
62/ 61		.4	.3	.6	.7	1.0	1.1	1.0	.6									163	170	172	150														
60/ 59	.1	.4	.3	.4	1.0	1.3	.8	.7	.4	.1								157	164	205	158														
58/ 57	.1	.4	.4	.5	.7	.7	.8	.7	.3									127	129	188	124														
56/ 55	.0	.5	.3	.4	.6	.6	.8	.4										103	104	179	138														
54/ 53	.1	.2	.2	.3	.5	.2	.5	.1										59	62	173	160														
52/ 51	.0	.1	.1	.2	.5	.4	.4											49	54	190	128														
50/ 49	.1	.2	.3	.3	.2	.1	.3	.1										45	47	178	130														
48/ 47		.4	.3	.2	.4	.5	.1											51	54	140	112														
46/ 45			.2	.1	.3	.2												25	25	107	115														
44/ 43			.1		.0	.1												5	5	81	107														
42/ 41				.1	.1	.1												9	9	65	107														
40/ 39																				24	108														
38/ 37						.0												1	1	28	97														
36/ 35					.0													1	1	11	81														
34/ 33																				2	83														
32/ 31																				4	68														
30/ 29																				1	48														
28/ 27																				1	37														
26/ 25																					39														
24/ 23																					38														
22/ 21																					30														
20/ 19																					17														
18/ 17																					13														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74

NOV

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
16/ 15																					4
14/ 13																					6
12/ 11																					2
10/ 9																					2
TOTAL	1.3	6.3	10.1	16.8	18.7	18.0	12.5	7.9	5.3	2.0	.9	.1						2839	2955	2839	2839
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	11273833	170761	60.1	18.798	2839	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90									
Dry Bulb	13348689	197125	66.7	8.201	2955			50.5	24.8	2.0		90									
Wet Bulb	9906040	165646	58.3	9.218	2839		.2	21.2	3.2			90									
Dew Point	7969011	145355	51.2	13.626	2839		9.6	11.4	1.1			90									

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 NOV
STATION STATION NAME YEARS MONTH
PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
82/ 81				.1	.0																											3	3				
80/ 79			.1	.3	.3	.2	.1														.0											31	31				
78/ 77		.2	.3	.8	.6	.2	.0	.1																								65	66				
76/ 75		.2	1.2	1.6	.8	.2	.2	.0	.2	.0																						131	133	11	4		
74/ 73	.0	.6	2.0	2.5	.9	.6	.4	.2	.0	.2	.1																					216	229	38	14		
72/ 71	.1	1.0	3.0	2.6	1.3	.7	.6	.2	.1	.1	.0																					280	294	109	46		
70/ 69	.2	1.1	2.3	2.3	1.6	1.2	.5	.1	.5	.3	.1	.0																				286	299	184	109		
68/ 67	.1	1.3	2.3	1.8	1.7	1.7	.5	.6	.5	.2	.1																					304	316	227	159		
66/ 65	.2	1.2	1.8	1.9	2.0	1.2	1.1	.5	.4	.2																						294	312	207	212		
64/ 63	.2	.4	.8	1.5	1.8	1.7	.7	.9	.3	.1																						241	250	232	194		
62/ 61	.1	.3	.8	1.1	1.4	1.3	1.1	.6	.3																							206	214	190	139		
60/ 59	.2	.8	.7	1.0	1.6	1.3	1.2	.6	.4	.0																						223	229	221	177		
58/ 57	.1	.4	.6	.7	1.1	.7	.8	.6	.0																							143	148	196	151		
56/ 55		.6	.3	.8	.7	.7	.6	.3	.0																							115	122	185	141		
54/ 53	.1	.3	.2	.5	.5	.4	.4	.2																								73	74	220	154		
52/ 51	.0	.1	.3	.5	.5	.4	.4																									64	69	171	147		
50/ 49	.0	.2	.5	.2	.4	.2	.3																									53	55	182	138		
48/ 47	.1	.2	.5	.3	.4	.2	.1																									51	54	121	120		
46/ 45		.3	.1	.3	.1	.3	.0																									33	35	120	111		
44/ 43		.1	.1	.0	.1	.1																										13	13	88	125		
42/ 41				.0	.1	.1																										6	6	59	113		
40/ 39					.1																											2	2	33	103		
38/ 37				.0																												1	1	16	72		
36/ 35																																		13	86		
34/ 33																																		7	71		
32/ 31																																	4	47			
30/ 29																																				51	
28/ 27																																				34	
26/ 25																																				32	
24/ 23																																				21	
22/ 21																																				25	
20/ 19																																				14	
18/ 17																																				9	
16/ 15																																				10	
Element (X)	ΣX^2	ΣX	\bar{X}	e_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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74

NOV
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
14/ 13																					2		
12/ 11																					3		
TOTAL	1.0	9.5	17.8	20.9	18.1	13.8	9.2	4.9	2.7	1.2	.4	.0							2834	2955	2834		

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	13019725	184727	65.2	18.587	2834	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90
Dry Bulb	12593725	191567	64.8	7.693	2834			41.8	14.1	.4		90
Wet Bulb	9712429	163985	57.9	8.886	2834		.1	18.1	1.6			90
Dew Point	8085384	146862	51.8	12.946	2834		7.9	10.5	.6			90

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-74

NOV

STATION STATION NAME YEARS MONTH PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
78/ 77		.2	.1	.1	.0													13	13		
76/ 75		.6	.8	.2	.1													48	48		6
74/ 73	.1	.9	1.0	.3	.1													68	71	31	12
72/ 71	.2	1.9	2.5	.4	.0		.0											144	145	65	41
70/ 69	.7	3.3	2.9	1.7	.4	.1												258	268	125	111
68/ 67	.4	2.9	3.1	1.2	.4	.2	.0											230	238	219	143
66/ 65	.5	2.8	2.9	1.8	.8	.1	.0											255	265	184	189
64/ 63	.5	1.9	2.2	1.8	.7	.3	.1	.0										215	228	220	180
62/ 61	.4	2.1	2.3	2.4	1.2	.3	.3	.1	.0									256	275	176	168
60/ 59	.3	1.6	1.9	1.8	1.0	.4	.4	.0										209	227	215	180
58/ 57	.1	1.1	1.9	1.6	.9	.8	.5											199	209	186	163
56/ 55		.8	2.1	1.6	1.4	.7	.2											194	199	186	147
54/ 53	.1	1.0	1.7	1.7	.9	.8	.3											183	186	154	142
52/ 51	.2	.6	1.4	1.2	1.0	.7	.1											148	151	187	167
50/ 49	.1	.6	1.3	1.2	.9	.6	.0											133	138	173	134
48/ 47	.1	.5	.7	1.2	.7	.3												98	102	177	140
46/ 45	.1	.4	1.0	.7	.3	.2												76	80	140	142
44/ 43	.0	.2	.7	.5	.4	.1												52	53	117	105
42/ 41	.0	.1	.2	.1	.3	.0												22	22	115	117
40/ 39		.1	.0	.2	.2													16	18	67	94
38/ 37				.0	.1													3	3	39	103
36/ 35			.1	.1	.0													7	7	15	72
34/ 33				.1														2	2	15	69
32/ 31																				0	68
30/ 29																				5	38
28/ 27																				1	23
26/ 25																					30
24/ 23																					16
22/ 21																					9
20/ 19																					7
18/ 17																					6
16/ 15																					5
14/ 13																					2
Element (X)	Σx^2	Σx	\bar{x}	σ_A	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI

42-74

NIJV

STATION

STATION NAME

YEARS

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		
TOTAL	4.0	23.4	30.9	21.9	12.0	5.6	2.0	.2										2829	2948	2829			
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x	No. Obs.											Mean No. of Hours with Temperature						
Rel. Hum.	16865832	214028		75.7	15.306	2827											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10907006	177634		60.3	8.311	2948													23.9	4.0			90
Wet Bulb	9118839	158357		56.0	9.489	2829													.4	14.3	1.3		90
Dew Point	8103321	147441		52.1	12.202	2829													6.5	10.0	.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

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
78/ 77		.1	.1	.1																										9	10				
76/ 75		.4	.3	.0																										19	19	5	3		
74/ 73	.1	1.0	.7	.2	.1																								55	57	18	8			
72/ 71	.2	1.3	1.5	.2																									86	89	49	37			
70/ 69	.8	3.8	1.8	.5	.2	.0																							187	194	96	81			
68/ 67	.9	3.3	2.4	.6	.3	.0																							196	200	190	149			
66/ 65	.5	3.2	2.5	.4	.1	.1																							177	186	146	147			
64/ 63	.7	3.5	1.8	.8	.5	.3																							200	203	182	157			
62/ 61	.3	3.0	1.7	.8	.7	.2	.2																						179	195	172	153			
60/ 59	.3	3.0	2.0	1.6	.3	.3	.0																						196	211	153	156			
58/ 57	.6	2.0	1.3	.8	.6	.2	.2																						150	167	171	136			
56/ 55	.2	2.0	2.0	2.0	1.0	.5																							199	210	156	150			
54/ 53	.1	2.0	1.5	1.4	.8	.4	.1	.0																					163	175	131	124			
52/ 51	.3	1.3	1.7	1.3	.8	.3	.2																						151	157	158	114			
50/ 49	.2	1.7	2.2	1.5	1.0	.5	.0																						182	186	161	129			
48/ 47	.0	.9	1.5	1.0	1.1	.2																							122	127	158	113			
46/ 45	.0	1.2	1.5	.9	.8		.0																						116	120	138	128			
44/ 43	.1	.5	1.3	.8	.6	.0																							89	91	153	128			
42/ 41		.5	.7	.6	.2																								54	55	105	126			
40/ 39		.1	.4	.2	.2																								23	24	113	101			
38/ 37		.1	.3	.4	.2																								23	24	57	75			
36/ 35		.1	.2	.1	.1																								11	13	35	69			
34/ 33			.1	.1																									4	4	22	69			
32/ 31				.1																									2	2	15	60			
30/ 29				.0																									1	2	10	47			
28/ 27																															3	39			
26/ 25																															2	26			
24/ 23																																20			
22/ 21																																11			
20/ 19																																6			
18/ 17																																5			
16/ 15																																2			
14/ 13																																7			
12/ 11																																2			
Element (X)	Σ x'	Σ x	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74 DJV
 STATION STATION NAME YEARS MONTH
 PAGE 2 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
10/9																																				
TOTAL	5.4	35.1	29.7	16.5	9.5	3.1	.7											2721		2599																
																	2599		2599																	
Element (X)	Σ x'	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	16813456	2053334	79.1	14.929	2597	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																								
Dry Bulb	9352626	157604	57.9	9.075	2721		.1	18.8	2.8			90																								
Wet Bulb	7961223	141423	54.4	10.114	2599		1.0	12.4	.8			90																								
Dew Point	7197097	132785	51.1	12.608	2599		7.8	9.6	.4			90																								

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-64,73-74 DEC
STATION STATION NAME YEARS 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
77/ 71		.0	.0															2	2		
70/ 69	.2	.4	.2															17	17		2
68/ 67	.5	1.5	.3	.0														55	55	33	33
66/ 65	1.3	3.2	.7															120	122	73	63
64/ 63	1.6	4.2	.6	.0														146	149	132	111
62/ 61	2.2	2.9	.6	.1	.0	.0												134	135	154	147
60/ 59	1.8	3.1	.9	.3	.3	.2												150	150	124	130
58/ 57	1.0	2.8	.6	.5	.3		.0											118	118	103	91
56/ 55	.4	2.9	1.1	.3	.1	.0	.0											112	112	105	84
54/ 53	.3	2.6	.8	.8	.3	.0												109	117	94	96
52/ 51	.4	2.8	1.3	1.0	.3	.1												136	140	105	93
50/ 49	.9	3.1	2.3	1.0	.3	.2	.0											178	179	133	104
48/ 47	.7	2.8	2.1	1.1	.5	.0												164	168	149	97
46/ 45	.2	2.2	2.2	1.0	.3	.0												137	140	136	123
44/ 43	.3	2.2	2.8	1.0	.1	.1												146	147	142	104
42/ 41	.4	2.9	2.2	1.0	.3													154	156	144	117
40/ 39	.3	1.9	1.1	.7	.1													92	95	172	149
38/ 37	.2	1.9	1.1	.8														88	89	127	118
36/ 35	.2	1.2	1.2	.5														70	70	79	121
34/ 33	.0	.9	1.0	.7														59	59	71	91
32/ 31		.4	.9	.6														44	44	67	75
30/ 29		.3	1.0	.1														30	30	44	83
28/ 27		.2	.3	.0														11	11	42	44
26/ 25		.1	.1	.0														5	5	30	51
24/ 23		.0																1	1	8	38
22/ 21																				3	25
20/ 19																					27
18/ 17			.0															1	1		28
16/ 15		.1																2	2		17
14/ 13																				3	10
12/ 11																					3
8/ 7																					1
6/ 5																					2
4/ 3																					1
Element (Y)	Σ X ²	Σ X	Σ	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAF ETAC 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

13820 KRESLER AFB MISSISSIPPI/BILUXI 42-64,73-74 DEC
 STATION STATION NAME YEARS MONTH

PAGE 2 0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
2/1																									2
TOTAL	12.8	46.7	25.3	11.5	2.8	.8	.1																2314		2281
																						2281		2281	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	16048837	188535	82.7	14.290	2281	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	6122932	116674	50.4	10.190	2314		3.8	3.0				93													
Wet Bulb	5520811	109387	48.0	10.984	2281		8.0	1.7				93													
Dew Point	5026736	102758	45.0	13.204	2281		16.6	1.4				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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-65,68-74 DEC
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
72/ 71			.0														1	1		
70/ 69	.1	.5	.1														15	16	3	
68/ 67	.5	1.3	.2														49	54	35	30
66/ 65	1.5	2.6	.6	.0													115	119	76	67
64/ 63	1.9	3.6	.5	.1													147	155	129	117
62/ 61	1.8	2.9	.4	.0													124	125	147	131
60/ 59	2.5	3.1	.8	.0	.1												157	157	126	130
58/ 57	.7	3.2	.4	.5	.2					.1							125	125	116	99
56/ 55	.4	3.0	.7	.6	.1	.0											117	119	100	106
54/ 53	.2	2.2	.9	.5	.1												96	97	95	85
52/ 51	.8	2.3	1.3	.9	.2												132	135	104	98
50/ 49	.0	2.7	2.2	.5	.2												154	157	122	94
48/ 47	.7	3.2	1.3	1.0	.3	.1	.0										162	167	143	100
46/ 45	.5	2.0	2.1	.6	.2												128	132	151	113
44/ 43	.7	2.0	3.1	.4	.1												153	154	116	124
42/ 41	.3	2.9	2.7	1.1	.2												173	176	141	112
40/ 39	.4	2.5	2.9	.5	.2												157	163	182	116
38/ 37	.2	2.2	1.3	.6	.0												105	107	151	148
36/ 35	.3	1.3	1.2	.3													77	78	140	133
34/ 33	.2	1.5	1.4	.4													81	81	79	130
32/ 31	.0	.8	1.1	.2													53	54	80	90
30/ 29	.1	.5	1.2	.1													45	45	60	91
28/ 27		.1	.6														18	18	47	50
26/ 25		.1	.3														11	11	32	75
24/ 23		.1	.2														7	7	21	28
22/ 21		.1	.0														3	3	3	36
20/ 19		.0															1	1	7	27
18/ 17																				21
16/ 15																				28
14/ 13		.1																		11
12/ 11																	3	3		3
10/ 9																			3	1
8/ 7																				2
6/ 5																				3
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESELER AFB MISSISSIPPI/BILOXI 42-65,68-74

DEC

STATION STATION NAME

YEARS

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	
47.3																					2	
TOTAL	14.8	46.7	27.7	8.3	2.1	.3	.0													2409	2409	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	17249163	201253	83.5	13.457	2409	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93										
Dry Bulb	6252427	121191	49.3	10.709	2460		5.4	2.7				93										
Wet Bulb	5621326	113106	47.0	11.362	2409		9.8	1.5				93										
Dew Point	5140702	106488	44.2	13.417	2409		18.5	1.2				93										

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILDIXI 42-74 DEC
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
72/ 71		.1	.0															3	4	1	1				
70/ 69	.1	1.1	.3															43	48	8	6				
68/ 67	.5	2.0	.9	.0	.0	.0												99	103	64	45				
66/ 65	1.4	2.6	.6	.1		.1												136	146	120	108				
64/ 63	1.5	3.9	.6	.1														176	180	152	127				
62/ 61	1.1	2.9	.5	.1														132	134	149	145				
60/ 59	1.1	2.7	.8	.3	.0	.0												141	141	128	141				
58/ 57	1.0	2.8	.9	.3	.2	.0												148	152	135	114				
56/ 55	.5	2.6	1.4	.4	.2	.0												146	149	114	114				
54/ 53	.5	2.0	1.5	.9	.3	.1												151	153	119	103				
52/ 51	.3	1.9	1.1	.6	.3	.0												125	127	117	101				
50/ 49	.8	3.2	1.6	.9	.2	.1												195	198	157	127				
48/ 47	.5	2.0	1.3	1.1	.2													153	155	169	139				
46/ 45	.3	2.7	1.6	1.0	.1	.1												169	172	162	118				
44/ 43	.3	2.2	2.6	.8	.2	.0												180	185	150	153				
42/ 41	.5	2.8	2.8	1.1	.1													206	207	156	174				
40/ 39	.3	2.1	2.9	.6	.1													172	175	213	125				
38/ 37	.2	2.0	1.3	.9														128	130	176	148				
36/ 35	.1	1.6	1.6	.5														108	111	151	150				
34/ 33	.1	1.2	1.2	.4														83	83	103	157				
32/ 31	.1	.9	1.3	.2														71	71	107	136				
30/ 29	.1	.6	.8	.1														44	45	80	88				
28/ 27		.3	.6															28	28	58	87				
26/ 25		.2	.4															17	17	42	72				
24/ 23		.1	.0															5	5	18	61				
22/ 21	.0	.1	.1															6	6	12	59				
20/ 19		.1																3	3	3	29				
18/ 17																				4	20				
16/ 15																					36				
14/ 13																					11				
12/ 11		.1																3	3	1					
10/ 9																				2	2				
8/ 7																			1						
4/ 3																					1				
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

2

DATA PROCESSING BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 DEC

STATION STATION NAME YEARS 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
10/ 9																					2
8/ 7																					3
4/ 3																					3
2/ 1																					3
TOTAL	9.2	21.5	25.3	21.4	14.7	8.0	3.0	.7	.2	.0							2971	3025		2971	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	16254171	213201	71.8	17.929	2971	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	9686128	168500	55.7	9.965	3025		1.0	15.0	1.4			93									
Wet Bulb	8057090	151404	51.0	10.722	2971		4.0	6.5	.0			93									
Dew Point	6858498	136564	46.0	13.989	2971		17.4	4.4				93									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79							.0	.1										3	3		
78/ 77			.1	.2	.1	.1	.1											14	14		
76/ 73			.1	.2	.2	.2	.2											27	27		
74/ 73		.2	1.4	.9	.4	.3	.1											98	98	2	
72/ 71	.0	.8	1.1	1.0	.4	.6	.4	.1	.1									134	137	26	11
70/ 69	.2	1.7	2.7	1.1	1.1	.7	.4	.2	.1									244	246	104	45
68/ 67	.2	1.0	1.7	1.3	1.5	.7	.5	.2	.2	.1								230	233	143	112
66/ 65	.2	1.5	1.7	1.6	1.2	.8	.4	.3	.2	.0								242	252	176	119
64/ 63	.2	1.3	1.5	1.2	1.2	.9	.8	.6	.3									239	241	168	148
62/ 61	.2	1.9	1.0	1.5	1.0	1.2	.6	.3	.3	.0								241	242	183	132
60/ 59	.3	1.6	1.0	1.9	1.4	1.2	.7	.5	.2									262	265	223	153
58/ 57	.2	.9	1.4	.9	1.7	1.1	.8	.4	.2									227	229	201	191
56/ 55	.1	.8	1.1	.8	1.3	1.6	1.0	.3	.1									213	218	205	158
54/ 53	.1	.4	.8	.5	1.1	1.1	.8	.2	.1									146	149	183	129
52/ 51	.0	.8	.8	.9	.9	1.0	.8	.2										162	164	100	178
50/ 49	.1	.5	.9	.9	.9	1.2	.5	.0										154	155	204	145
48/ 47	.1	.3	.5	.4	.8	.9	.1											97	99	167	137
46/ 45	.1	.7	.3	.5	.6	.4	.2											85	86	198	127
44/ 43		.4	.4	.3	.7	.5	.1											72	72	163	145
42/ 41	.0	.2	.1	.2	.5	.2												33	33	123	116
40/ 39	.0		.2	.0	.2	.2												19	19	121	115
38/ 37		.0	.1	.1	.2													11	11	61	127
36/ 35		.2	.1	.0	.0													10	10	52	107
34/ 33		.0		.0														2	2	36	103
32/ 31	.1		.0		.0													5	5	20	74
30/ 29			.0	.1	.0													5	5	8	82
28/ 27		.0																1	1	3	60
26/ 25				.0														1	1	1	64
24/ 23																				5	51
22/ 21																			1	1	39
20/ 19																					30
18/ 17																					33
16/ 15																					18
14/ 13																					13
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13020 KEESLER AFB MISSISSIPPI/BILGX 42-74 DEC

STATION

STATION NAME

YEARS

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
12/ 11																					6
10/ 9																					3
6/ 5																					1
4/ 3																					1
27 1																					4
TOTAL	2.5	15.4	19.3	16.9	17.6	14.6	8.4	3.4	1.7	.2								3018		2977	
																		2977		2977	
Element (X)	Σx'	Σx	Σx	Σx	Σx	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	14132351	196641	66.1	19.602	2977	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	10981240	180112	59.7	8.775	3018		4	23.4	4.4	.1		93									
Wet Bulb	8781767	159103	53.4	9.676	2977		1.2	8.6	.1			93									
Dew Point	7206875	140611	47.2	13.784	2977		15.0	5.2				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/HAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-74

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23-24	25-26	27	28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
78/ 77					.0	.0	.1														4	4		
76/ 75			.1	.1		.1	.0		.0												10	10		
74/ 73		.1	.3	.2	.0	.0		.0	.1												24	24		
72/ 71		.9	.9	.4	.1	.2	.1	.1	.0	.0											80	80	11	4
70/ 69	.2	2.2	1.7	.8	.6	.4	.1	.1	.0	.1											184	187	57	34
68/ 67	.5	1.9	2.0	.9	.7	.3	.3		.1	.0											194	198	124	93
66/ 65	.4	2.4	2.5	1.5	.8	.5	.3	.2	.3												264	269	146	113
64/ 63	.5	2.4	2.2	1.1	1.0	.8	.5	.3	.2	.0											264	270	177	142
62/ 61	.2	2.1	1.9	2.0	1.2	1.0	.6	.3	.1												276	278	206	134
60/ 59	.5	1.9	1.7	2.2	1.1	1.1	.5	.3	.2		.0										282	283	220	183
58/ 57	.3	1.5	1.6	1.4	1.2	.7	.6	.2	.1												226	227	200	196
56/ 55	.1	1.7	1.5	1.4	1.0	1.0	.7	.3	.1												224	229	218	137
54/ 53	.1	.9	1.3	1.0	1.3	1.2	.7	.1	.0												203	209	228	144
52/ 51	.0	.7	1.0	1.1	.9	.9	.6	.1													158	160	184	197
50/ 49	.2	.7	.8	1.1	1.3	1.1	.3	.0													162	162	201	150
48/ 47	.0	.6	.7	1.0	1.0	.5	.2														120	124	185	157
46/ 45	.0	.9	.6	.5	.8	.5	.1														100	101	175	142
44/ 43	.0	.4	.4	.3	.3	.3															68	68	172	120
42/ 41	.1	.2	.2	.2	.4	.2															42	42	144	132
40/ 39		.1	.2	.2	.1	.0															19	19	110	109
38/ 37		.0	.1	.1	.1	.1															14	14	54	104
36/ 35		.2	.1	.0																	11	11	62	105
34/ 33																							37	97
32/ 31	.1		.0	.0																	5	5	16	96
30/ 29			.1	.1	.0																5	5	3	79
28/ 27		.0																			1	1	3	48
26/ 25				.0																	1	1	5	81
24/ 23																							2	41
22/ 21																							1	25
20/ 19																								23
18/ 17																								19
16/ 15																								20
14/ 13																								8
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

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 5																					1
4/ 3																					1
2/ 1																					2
0/ -1																					2
TOTAL	3.52	1.82	2.11	1.77	1.47	1.10	5.8	2.0	1.3	.2	.0							2941	2981		2941
Element (X)	Σ X²	Σ X	R	r _s	No. Obs.	Mean No. of Hours with Temperature										Total					
Rel. Hum.	15424620	205212	69.8	19.393	2941	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				92						
Dry Bulb	10364066	174060	58.4	8.207	2981						.4	15.7	1.2			93					
Wet Bulb	8515403	155875	53.0	9.293	2941						.9	6.1			93						
Dew Point	7161253	139901	47.6	13.123	2941						.1	14.2	4.1			93					

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILGX 42-74 DEC
STATION STATION NAME YEARS MONTH
PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TO 'L D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
72/ 71		.1	.1	.1															9	9			
70/ 69	.2	1.9	.5		.0			.0											73	75	21	17	
68/ 67	.5	2.6	1.4	.2	.1	.1	.1												139	147	90	62	
66/ 65	1.1	3.4	1.3	.4	.1	.1	.0												179	185	126	104	
64/ 63	1.2	3.0	1.7	.4	.1	.0	.0												182	187	153	141	
62/ 61	.8	3.6	1.8	.9	.4	.0	.1												212	212	178	132	
60/ 59	1.0	3.5	2.2	1.0	.3	.2	.1												231	236	175	182	
58/ 57	.3	2.3	2.7	1.4	.6	.3	.2	.0											217	219	166	147	
56/ 55	.1	2.4	2.0	1.2	.5	.6	.1												197	200	182	113	
54/ 53	.2	2.6	2.5	1.6	1.1	.3	.0												232	236	193	165	
52/ 51	.1	2.1	2.1	1.3	.8	.4	.1												191	194	170	153	
50/ 49	.1	2.0	2.4	1.7	.8	.2	.0												201	204	191	168	
48/ 47	.0	2.0	1.7	1.3	.9	.3	.0												193	193	207	157	
46/ 45	.1	1.4	1.8	1.6	.9	.1													166	169	190	170	
44/ 43	.0	1.1	.7	1.0	.6	.1													101	104	167	133	
42/ 41	.2	.7	1.1	1.0	.6														100	101	163	141	
40/ 39	.1	.4	.7	.7	.7														73	73	123	130	
38/ 37	.0	.2	.5	.7	.3														48	48	93	102	
36/ 35		.3	.2	.4	.1														25	25	70	112	
34/ 33		.1	.2	.2	.0														13	13	57	99	
32/ 31	.0	.1			.0														4	4	45	89	
30/ 29	.1		.1																5	5	23	72	
28/ 27		.1	.0																3	3	3	37	
26/ 25																					8	45	
24/ 23			.0																1	1		33	
22/ 21			.1																2	2		24	
20/ 19																					1	32	
18/ 17																					2	22	
16/ 15																						8	
14/ 13																						1	
8/ 7																						2	
6/ 5																						1	
4/ 3																						1	
2/ 1																						2	
Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 90 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

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 DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KESLER AFB MISSISSIPPI/BILDXI 42-74
 STATION STATION NAME 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					
TOTAL	6.3	35.7	27.8	17.7	6.9	2.8	.8	.1										2797	2845	2797					
Element (X)	Σx^2	Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	17748161	218303		78.115	868	2796	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93												
Dry Bulb	8690584	155282		54.6	6.699	2845		.5	7.6				93												
Wet Bulb	7549561	142757		51.0	9.705	2797		2.7	3.7				93												
Dew Point	6708544	132520		47.4	12.399	2797		12.3	2.6				93												

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74 DEC
STATION STATION NAME YEARS MONTH
PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.0		.1														4	4		
70/ 69	.1	1.2	.2															36	38	10	3
68/ 67	.6	2.0	.5	.1	.1													84	87	61	53
66/ 65	1.2	3.6	.9	.1	.0	.1												154	162	100	81
64/ 63	1.3	4.0	1.2	.1	.1	.0												174	181	152	135
62/ 61	1.3	3.5	1.1	.1	.2	.0												161	161	162	145
60/ 59	1.5	3.8	1.7	1.0	.2	.0	.0											215	216	159	161
58/ 57	.7	2.1	1.3	.5	.5	.2	.0	.0										149	151	143	120
56/ 55	.5	2.2	1.4	.6	.2	.2	.1											133	136	131	115
54/ 53	.3	3.4	1.4	.7	.4	.3												170	173	139	114
52/ 51	.5	2.6	2.0	1.4	.4	.2												184	188	149	126
50/ 49	.3	3.5	2.4	1.2	.9	.3	.0											224	228	148	141
48/ 47	.2	2.8	1.7	1.5	.6	.1												178	178	183	135
46/ 45	.3	2.3	2.3	1.0	.5	.2												172	175	190	155
44/ 43	.1	1.9	2.2	1.4	.2	.0												154	156	154	124
42/ 41	.1	1.8	1.1	.8	.4													112	113	186	143
40/ 39	.3	.7	1.2	1.7	.2													88	91	149	141
38/ 37	.1	.8	1.2	.8	.2													81	81	82	123
36/ 35	.0	.3	.7	1.0	.1													54	54	102	119
34/ 33		.5	.6	.5														39	39	63	70
32/ 31	.1	.1	.3	.3														19	19	51	81
30/ 29	.0	.2	.3	.1														17	17	45	83
28/ 27		.0																1	1	26	47
26/ 25		.1																2	2	13	52
24/ 23																				2	36
22/ 21																					28
20/ 19			.0															1	1		25
18/ 17			.1															2	2		25
16/ 15																				2	14
14/ 13																				1	4
12/ 11																					4
10/ 9																					2
7/ 1																					3
Element (X)	Z _y	Z _x	X̄	s _a	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-20-5 (OL A) JUL 64 REVERSE METEOROLOGICAL UNITS OF INCHES ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13820 KLESLER AFB MISSISSIPPI/BILUXI 42-74

STATION		STATION NAME												YEARS
HRS (LST)		JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	50.0	52.8	57.3	65.1	72.3	77.4	78.7	78.0	74.4	64.9	56.5	50.4	65.1
	S D	10.702	9.985	8.931	7.140	5.591	4.183	3.320	3.400	4.977	7.701	9.706	10.190	13.141
	TOTAL OBS	2230	2035	2139	2097	2242	2248	2354	2444	2286	2331	2243	2314	26963
03-05	MEAN	48.8	51.0	55.5	63.3	70.2	75.7	77.3	76.6	72.9	63.1	54.8	49.3	63.7
	S D	11.320	10.595	9.770	8.115	6.162	4.331	3.224	3.288	5.271	8.146	10.185	10.709	13.327
	TOTAL OBS	2389	2159	2291	2245	2556	2523	2697	2726	2558	2630	2431	2460	29665
06-08	MEAN	48.2	50.1	55.8	65.2	72.7	78.4	79.6	78.5	74.3	64.1	55.0	49.5	64.5
	S D	11.713	10.902	9.905	8.108	5.190	4.584	3.712	3.892	5.679	8.258	10.294	11.062	14.366
	TOTAL OBS	2931	2681	2864	2797	2968	2892	3043	3064	2873	2961	2955	2930	34959
09-11	MEAN	53.7	56.3	62.2	71.5	79.3	84.6	85.8	85.6	81.7	72.7	62.9	55.7	71.2
	S D	10.977	9.941	8.608	6.661	5.261	4.074	4.045	4.092	5.595	7.473	9.417	9.965	14.120
	TOTAL OBS	2934	2681	2872	2794	2967	2993	3039	3067	2866	2966	2954	3025	35058
12-14	MEAN	57.8	60.3	65.6	74.1	81.4	86.3	87.4	87.6	84.4	77.4	66.7	59.7	74.2
	S D	9.804	8.871	7.666	5.841	4.997	4.341	4.535	4.519	5.235	6.477	8.201	8.775	13.042
	TOTAL OBS	2938	2682	2873	2793	2966	2888	3043	3057	2874	2962	2955	3018	35049
15-17	MEAN	56.9	59.8	65.1	73.4	80.5	85.2	85.8	86.0	82.9	75.4	64.8	58.4	73.0
	S D	9.141	8.263	7.138	5.487	4.840	4.455	4.776	4.765	4.907	6.205	7.693	8.209	12.690
	TOTAL OBS	2938	2683	2862	2787	2968	2893	3052	3054	2873	2966	2955	2980	35011
18-20	MEAN	53.4	56.1	61.5	69.8	76.8	81.8	82.5	82.3	78.8	70.1	60.3	54.6	69.2
	S D	9.362	8.521	7.277	5.585	4.624	3.989	4.146	3.995	4.676	6.597	8.311	8.699	12.778
	TOTAL OBS	2919	2677	2861	2784	2970	2899	3043	3059	2874	2959	2948	2845	34838
21-23	MEAN	51.5	54.1	59.4	67.3	74.5	79.4	80.5	80.0	76.2	67.2	57.9	52.4	66.6
	S D	10.093	9.231	7.988	6.307	4.965	3.942	3.674	3.644	4.878	7.191	9.075	9.472	12.968
	TOTAL OBS	2684	2469	2629	2535	2521	2498	2664	2685	2525	2622	2721	2654	31207
ALL HOURS	MEAN	52.7	55.3	60.5	69.0	76.2	81.3	82.4	82.0	78.4	69.8	60.1	54.0	68.7
	S D	10.923	10.176	9.186	7.672	6.611	5.619	5.313	5.579	6.602	8.909	10.068	10.351	13.855
	TOTAL OBS	21963	20067	21391	20832	22158	21734	22935	23156	21729	22397	22162	22226	262750

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	47.8	50.2	54.3	61.4	68.1	73.1	74.8	74.3	70.9	61.2	53.5	48.0	61.7
	S D	11.561	10.913	10.179	8.299	5.872	3.833	2.650	3.014	5.495	8.699	10.683	10.984	13.126
	TOTAL OBS	2205	2031	2139	2004	2161	2248	2345	2300	2150	2177	2129	2281	26170
03-05	MEAN	46.7	48.6	52.9	60.2	66.7	72.2	74.1	73.3	69.9	59.9	51.9	47.0	60.8
	S D	12.077	11.497	10.856	9.013	6.370	4.196	2.843	3.163	5.837	9.013	11.026	11.362	13.461
	TOTAL OBS	2344	2150	2291	2151	2474	2521	2688	2581	2419	2466	2307	2409	28801
06-08	MEAN	45.9	47.4	52.7	61.0	67.5	73.1	75.1	74.1	70.3	60.1	51.8	47.0	60.6
	S D	12.376	11.721	10.972	8.867	6.329	4.275	2.927	3.363	5.984	8.951	11.077	11.526	14.006
	TOTAL OBS	2885	2666	2859	2704	2888	2889	3036	2919	2738	2788	2824	2870	34066
09-11	MEAN	49.4	51.0	55.9	63.8	69.9	75.1	77.1	76.6	73.4	64.9	56.2	51.0	63.8
	S D	11.734	10.818	9.831	7.855	5.676	3.649	2.628	2.876	5.150	7.987	10.161	10.722	13.060
	TOTAL OBS	2903	2672	2872	2701	2899	2890	3036	2919	2734	2810	2837	2971	34234
12-14	MEAN	51.9	53.4	57.8	65.3	71.0	75.8	77.6	77.2	74.6	66.5	58.3	53.4	65.3
	S D	10.623	9.817	8.918	7.107	5.305	3.583	2.712	3.016	4.754	7.323	9.218	9.676	12.081
	TOTAL OBS	2914	2600	2873	2703	2888	2884	3039	2912	2749	2808	2839	2977	34266
15-17	MEAN	51.8	53.4	58.0	65.2	70.8	75.4	77.0	76.6	74.2	66.1	57.9	53.0	65.0
	S D	10.148	9.363	8.450	6.792	5.073	3.530	2.730	2.962	4.521	7.086	8.886	9.295	11.784
	TOTAL OBS	2918	2682	2859	2697	2889	2891	3048	2907	2744	2810	2834	2940	34219
18-20	MEAN	49.9	51.8	56.7	63.9	69.7	74.5	75.9	75.5	72.8	64.6	56.0	51.0	63.7
	S D	10.485	9.743	8.723	7.020	5.082	3.435	2.644	2.820	4.689	7.470	9.489	9.705	12.143
	TOTAL OBS	2896	2675	2858	2691	2892	2899	3036	2910	2745	2803	2829	2797	34031
21-23	MEAN	48.8	50.8	55.8	63.0	69.1	73.9	75.4	74.9	71.8	62.9	54.4	49.5	62.4
	S D	11.094	10.328	9.310	7.572	5.401	3.638	2.583	2.904	5.138	8.104	10.114	10.329	12.699
	TOTAL OBS	2661	2464	2625	2442	2443	2498	2657	2535	2395	2467	2599	2608	30394
ALL HOURS	MEAN	49.1	50.9	55.6	63.1	69.2	74.2	75.9	75.4	72.3	63.4	55.1	50.1	63.0
	S D	11.447	10.707	9.840	8.009	5.825	3.956	2.960	3.276	5.462	8.442	10.337	10.727	12.906
	TOTAL OBS	21726	20020	21376	20093	21524	21720	22885	21983	20674	21129	21198	21853	276181

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 DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	44.9	47.1	51.4	58.8	65.9	71.2	73.2	72.7	69.1	58.6	50.6	45.0	59.3
	S D	14.067	13.507	12.773	10.300	6.873	4.337	2.957	3.422	6.536	10.546	12.807	13.204	14.699
	TOTAL OBS	2205	2031	2139	2004	2161	2248	2345	2300	2150	2177	2129	2261	26170
03-05	MEAN	43.9	45.7	50.1	57.9	64.8	70.6	72.8	72.2	68.4	57.6	49.1	41.2	58.6
	S D	14.430	13.952	13.169	10.698	7.305	4.701	3.157	3.608	6.810	10.612	13.045	13.17	14.971
	TOTAL OBS	2344	2150	2291	2150	2474	2521	2687	2581	2419	2466	2307	2409	28799
06-08	MEAN	42.9	44.0	49.4	58.0	64.6	70.7	73.2	72.2	68.4	57.3	48.7	44.1	57.9
	S D	14.718	14.338	13.539	10.848	7.641	5.300	3.119	3.863	6.990	10.603	13.155	13.632	15.497
	TOTAL OBS	2885	2666	2859	2704	2887	2889	3036	2921	2738	2788	2824	2870	34067
09-11	MEAN	44.4	45.2	49.9	58.5	64.9	71.0	73.7	72.9	69.6	59.2	50.3	46.0	58.9
	S D	15.207	14.725	14.108	11.375	8.157	5.078	3.371	3.750	6.688	10.910	13.692	13.989	15.485
	TOTAL OBS	2903	2672	2872	2701	2890	2890	3036	2919	2734	2810	2837	2971	34235
12-14	MEAN	45.7	46.3	51.0	59.4	65.7	71.4	73.8	73.1	70.2	59.7	51.2	47.2	59.6
	S D	14.869	14.482	13.783	11.020	7.970	5.058	3.498	4.157	6.704	11.053	13.626	13.784	15.130
	TOTAL OBS	2914	2690	2873	2703	2888	2884	3039	2912	2749	2808	2839	2977	34266
15-17	MEAN	46.2	46.9	51.7	59.8	65.8	71.2	73.5	72.8	70.2	60.4	51.8	47.6	59.9
	S D	14.210	13.868	13.100	10.613	7.668	4.903	3.359	3.965	6.434	10.570	12.946	13.125	14.567
	TOTAL OBS	2918	2682	2859	2697	2889	2891	3048	2907	2744	2810	2834	2940	34219
18-20	MEAN	46.0	47.2	52.4	59.9	65.9	71.3	73.2	72.6	70.0	61.2	52.1	47.4	60.1
	S D	13.663	13.168	12.152	9.982	7.014	4.499	3.087	3.511	5.899	9.536	12.202	12.399	14.021
	TOTAL OBS	2896	2674	2858	2691	2892	2898	3036	2910	2745	2803	2829	2797	34029
21-23	MEAN	45.4	47.2	52.4	59.9	66.3	71.4	73.3	72.8	69.7	60.1	51.1	46.4	59.5
	S D	13.945	13.209	12.116	9.834	6.736	4.389	2.844	3.453	6.178	9.985	12.608	12.749	14.384
	TOTAL OBS	2661	2464	2625	2442	2443	2498	2657	2535	2395	2466	2599	2608	30393
ALL HOURS	MEAN	44.9	46.2	51.0	59.1	65.5	71.1	73.3	72.7	69.5	59.3	50.6	46.1	59.2
	S D	14.451	13.978	13.174	10.639	7.492	4.824	3.227	3.751	6.576	10.567	13.085	13.375	14.877
	TOTAL OBS	21726	20019	21376	20092	21524	21719	22884	21985	20674	21128	21198	21853	256178

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820 KEESLER AFB MISSISSIPPI/BILOXI

42-74

ALL

STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	98.9	95.5	89.2	80.3	68.3	52.2	28.4	77.3	21722
FEB		100.0	99.9	98.0	93.4	85.8	75.3	62.4	46.4	24.9	74.5	20014
MAR		100.0	99.8	97.4	92.8	84.9	74.8	62.0	47.3	23.6	74.1	21372
APR		100.0	99.9	98.3	94.8	88.5	78.1	62.5	41.7	14.1	73.5	20088
MAY		100.0	100.0	99.2	96.6	90.8	79.3	57.7	30.2	6.5	71.6	21521
JUN		100.0	100.0	99.9	98.9	95.1	83.3	57.7	30.8	7.6	73.0	21718
JUL		100.0	100.0	100.0	99.6	97.6	88.8	65.6	38.1	10.4	75.7	22881
AUG		100.0	100.0	99.9	99.2	96.5	86.2	63.0	38.8	10.3	75.1	19883
SEP		100.0	100.0	99.9	98.4	94.7	85.6	66.5	43.0	14.2	75.9	20673
OCT		100.0	99.9	98.5	94.4	87.4	76.4	59.5	39.1	13.5	72.6	21125
NOV		100.0	99.9	98.4	94.4	87.7	76.5	61.7	42.4	17.5	73.7	21194
DEC		100.0	100.0	99.2	96.3	90.3	80.8	67.3	50.6	26.1	77.0	21850
TOTALS		100.0	99.9	99.0	96.2	90.7	80.5	62.9	41.7	16.4	74.5	256141

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820

KEESLER AFB MISSISSIPPI/BILOXI

43-74

JAN

STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.3	96.1	88.8	80.2	65.6	42.7	83.5	2205
	03-05	100.0	100.0	100.0	99.6	96.9	91.0	80.6	66.3	43.3	84.0	2343
	06-08	100.0	100.0	100.0	99.4	97.0	90.3	79.2	63.9	35.1	82.7	2884
	09-11	100.0	100.0	99.0	94.2	84.9	73.1	58.2	41.0	17.7	72.7	2903
	12-14	100.0	99.7	96.0	87.0	75.8	63.0	47.9	30.2	11.3	66.8	2913
	15-17	100.0	99.7	96.2	89.6	80.3	69.2	54.0	37.2	14.4	69.9	2918
	18-20	100.0	100.0	99.8	96.4	89.7	81.6	70.5	52.4	26.9	77.7	2896
	21-23	100.0	100.0	100.0	98.5	92.8	85.1	75.7	61.1	36.1	81.0	2660
TOTALS		100.0	99.9	98.9	95.5	89.2	80.3	68.3	52.2	28.4	77.3	21722

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820 KESLER AFB MISSISSIPPI/BILOXI
STATION STATION NAME

43-74
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	100.0	99.0	94.4	86.7	76.2	63.1	37.5	81.8	2138
	03-05	100.0	100.0	99.9	99.6	96.9	89.5	76.8	64.6	40.2	82.9	2291
	06-08	100.0	100.0	100.0	99.1	94.6	85.1	71.6	57.9	32.4	80.1	2859
	09-11	100.0	100.0	96.4	86.7	73.5	61.2	48.9	32.5	12.7	66.9	2871
	12-14	100.0	99.2	91.9	81.7	68.5	55.9	42.0	25.0	7.9	62.7	2872
	15-17	100.0	99.4	92.7	84.7	73.4	60.6	46.6	31.2	10.2	65.4	2859
	18-20	100.0	100.0	98.6	93.9	86.3	75.8	62.0	46.9	19.4	74.1	2857
	21-23	100.0	100.0	100.0	98.0	91.6	83.9	72.2	56.9	28.5	79.1	2625
TOTALS		100.0	99.8	97.4	92.8	84.9	74.8	62.0	47.3	23.6	74.1	21372

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820
 STATION

KEESLER AFB MISSISSIPPI/BILOXI
 STATION NAME

43-74
 PERIOD

APR
 MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	99.5	97.4	91.0	77.6	63.3	25.9	81.4	2004
	03-05	100.0	100.0	100.0	99.9	98.8	93.6	83.2	68.0	30.9	83.3	2148
	06-08	100.0	100.0	100.0	99.5	96.0	87.2	75.2	53.9	19.4	78.9	2704
	09-11	100.0	99.8	97.6	90.2	78.7	65.2	46.6	20.3	4.4	65.8	2701
	12-14	100.0	99.6	94.9	87.0	75.5	60.2	36.5	14.7	2.8	62.6	2703
	15-17	100.0	99.9	95.1	88.2	78.9	65.4	44.8	20.0	3.8	65.1	2696
	18-20	100.0	100.0	99.1	95.4	87.7	76.7	62.6	39.8	9.5	72.6	2691
	21-23	100.0	100.0	100.0	99.0	94.7	85.7	73.5	53.5	16.3	77.9	2441
TOTALS		100.0	99.9	98.3	94.8	88.5	78.1	62.5	41.7	14.1	73.5	20088

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 DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820
 STATION

KEESLER AFB MISSISSIPPI/BILOXI
 STATION NAME

42-74
 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	100.0	99.1	91.2	55.6	13.2	81.7	2248
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	94.6	72.2	20.9	84.5	2521
	06-08	100.0	100.0	100.0	99.9	99.2	94.8	78.4	42.1	8.7	77.9	2889
	09-11	100.0	100.0	99.8	98.1	90.0	68.0	26.1	7.8	2.1	64.8	2890
	12-14	100.0	100.0	99.7	96.6	86.4	50.7	18.2	6.1	2.1	62.2	2884
	15-17	100.0	100.0	99.8	97.2	89.1	65.3	24.6	8.4	2.5	64.2	2891
	18-20	100.0	100.0	100.0	99.4	96.8	85.5	51.4	18.0	3.8	71.2	2898
	21-23	100.0	100.0	100.0	100.0	99.6	95.4	77.4	36.4	7.1	77.2	2497
	TOTALS	100.0	100.0	99.9	98.9	95.1	83.3	57.7	30.8	7.6	73.0	21718

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13020 KEESLER AFB MISSISSIPPI/BILOXI 42-74 JUL

STATION STATION NAME PERIOD 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	100.0	99.1	95.0	66.9	16.9	83.5	2344
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	97.0	80.4	27.6	86.2	2689
	06-08	100.0	100.0	100.0	100.0	99.9	99.1	88.9	55.7	13.2	81.2	3035
	09-11	100.0	100.0	100.0	99.5	95.9	79.0	35.5	10.6	3.0	65.0	3036
	12-14	100.0	100.0	99.9	98.7	91.9	67.9	25.0	9.2	2.9	65.2	3037
	15-17	100.0	100.0	99.9	98.7	94.2	75.9	35.6	12.2	3.9	67.7	3048
	18-20	100.0	100.0	100.0	99.8	98.6	92.1	63.1	25.2	5.5	74.2	3036
	21-23	100.0	100.0	100.0	100.0	99.9	97.7	84.4	44.2	10.1	79.3	2657
TOTALS		100.0	100.0	100.0	99.6	97.6	88.8	65.6	38.1	10.4	75.7	22881

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-74

SLP

STATION

STATION NAME

PERIOD

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	99.5	97.1	90.4	70.4	23.8	83.9	30
	03-05	100.0	100.0	100.0	100.0	99.9	98.2	92.6	77.1	22.9	86.0	2419
	06-08	100.0	100.0	100.0	100.0	99.7	96.6	86.1	61.9	20.5	82.3	2737
	09-11	100.0	100.0	99.9	97.7	90.9	73.7	42.2	17.6	5.0	68.2	2734
	12-14	100.0	100.0	99.5	94.1	82.9	51.2	28.2	11.9	4.1	64.0	2719
	15-17	100.0	100.0	99.5	96.1	87.6	71.0	39.0	16.0	4.8	67.0	2744
	18-20	100.0	100.0	100.0	99.6	97.7	89.7	69.0	33.3	7.6	75.3	2745
	21-23	100.0	100.0	100.0	100.0	98.2	96.0	84.6	55.4	14.9	80.6	2395
TOTALS		100.0	100.0	99.9	98.4	94.7	85.6	66.5	43.0	14.2	75.9	20673

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820 KESLER AFB MISSISSIPPI/BILOXI
STATION STATION NAME

42-46, 48-67, 69-74
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	99.4	97.1	92.1	80.1	62.3	23.8	81.3	2177
	03-05	100.0	100.0	100.0	99.8	98.7	94.6	84.3	64.8	30.6	83.1	2466
	06-08	100.0	100.0	100.0	99.7	97.7	91.3	76.9	53.9	20.2	79.8	2788
	09-11	100.0	100.0	98.1	90.4	76.1	56.4	34.6	13.8	2.8	62.8	2809
	12-14	100.0	99.5	93.8	81.0	64.1	45.5	22.7	7.4	1.9	57.2	2808
	15-17	100.0	99.6	95.9	86.8	74.9	58.1	35.1	13.6	3.1	62.3	2809
	18-20	100.0	100.0	99.9	98.6	93.9	83.7	60.0	40.5	8.1	4.6	2803
	21-23	100.0	100.0	100.0	99.7	96.3	89.1	76.1	56.8	17.3	70.3	2465
TOTALS		100.0	99.9	93.5	94.4	87.4	76.4	59.5	39.1	10.5	72.6	21128

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820
STATION

KLESNER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
PERIOD

DLC
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	100.0	99.5	97.0	90.2	78.6	63.8	37.7	82.7	2281
	03-05	100.0	100.0	100.0	99.8	98.4	92.4	81.1	63.8	38.9	83.5	2409
	06-08	100.0	100.0	100.0	99.8	98.5	92.6	79.1	61.2	34.1	82.6	2869
	09-11	100.0	100.0	99.1	95.1	85.1	71.2	54.4	38.0	16.0	71.8	2971
	12-14	100.0	99.8	96.6	87.9	75.2	60.7	45.0	29.7	9.9	66.1	2977
	15-17	100.0	99.9	97.7	90.4	80.2	68.1	53.6	36.5	13.9	69.8	2940
	18-20	100.0	100.0	99.9	98.7	92.8	83.9	70.5	51.3	25.6	78.1	2796
	21-23	100.0	100.0	100.0	99.3	95.4	87.3	76.0	60.3	32.5	81.0	2607
TOTALS		100.0	100.0	99.2	96.3	90.3	80.8	67.3	50.6	26.1	77.0	21850

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 APPLICATIONS CENTER

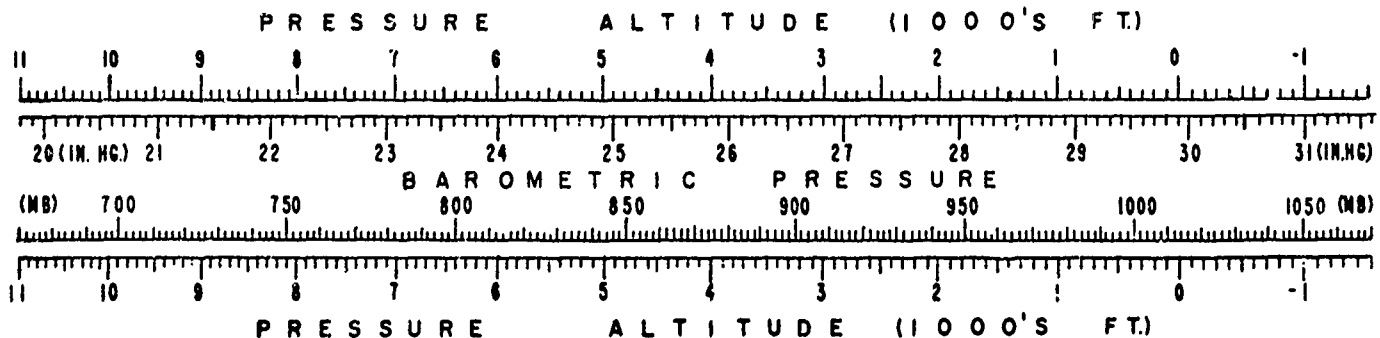
PART F PRESSURE SUMMARY

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.



DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRECIPITATION IN INCHES HG FROM HOURLY OBSERVATIONS

13820 KEESLER AFB MISSISSIPPI/BILUXI 46-63,65-74

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	30.115	30.066	30.003	29.987	29.953	29.942	29.983	29.962	29.946	30.018	30.065	30.112	30.013
	S D	.166	.184	.155	.145	.098	.082	.068	.085	.090	.123	.146	.160	.143
	TOTAL OBS	529	537	558	549	570	568	588	659	612	621	598	617	7066
03	MEAN	30.109	30.055	29.986	29.967	29.945	29.934	29.972	29.948	29.935	30.004	30.057	30.102	29.999
	S D	.167	.183	.159	.148	.099	.081	.067	.077	.093	.123	.151	.163	.143
	TOTAL OBS	548	536	558	558	611	613	660	704	658	672	600	613	7371
06	MEAN	30.123	30.084	30.023	30.007	29.976	29.968	30.009	29.984	29.964	30.030	30.082	30.112	30.030
	S D	.171	.185	.169	.140	.104	.083	.072	.079	.096	.122	.153	.167	.145
	TOTAL OBS	823	751	797	792	826	783	827	868	809	833	833	805	9747
09	MEAN	30.165	30.121	30.060	30.038	30.001	29.991	30.033	30.011	29.991	30.062	30.118	30.150	30.062
	S D	.172	.186	.172	.151	.107	.085	.073	.080	.098	.124	.155	.168	.149
	TOTAL OBS	826	751	801	779	811	786	827	868	806	834	834	851	9774
12	MEAN	30.129	30.096	30.038	30.021	29.985	29.976	30.018	29.992	29.972	30.027	30.080	30.111	30.037
	S D	.171	.181	.169	.149	.104	.086	.075	.088	.098	.122	.151	.165	.144
	TOTAL OBS	826	751	804	778	810	785	828	867	807	833	834	853	9776
15	MEAN	30.089	30.045	29.986	29.975	29.945	29.939	29.980	29.952	29.929	29.986	30.041	30.073	29.995
	S D	.167	.180	.166	.148	.106	.086	.075	.080	.097	.120	.148	.160	.142
	TOTAL OBS	823	751	800	777	814	784	832	863	810	833	835	851	9773
18	MEAN	30.105	30.052	29.985	29.969	29.935	29.926	29.971	29.945	29.931	29.996	30.058	30.091	29.997
	S D	.167	.182	.166	.143	.101	.086	.072	.081	.094	.118	.149	.159	.145
	TOTAL OBS	821	749	799	773	810	787	826	865	809	832	826	800	9697
21	MEAN	30.126	30.075	30.013	29.998	29.960	29.949	29.993	29.972	29.962	30.025	30.082	30.112	30.022
	S D	.166	.185	.163	.141	.101	.085	.073	.086	.092	.120	.150	.163	.144
	TOTAL OBS	818	751	803	776	814	784	830	865	810	834	835	786	9708
ALL HOURS	MEAN	30.121	30.075	30.013	29.997	29.964	29.954	29.996	29.971	29.954	30.019	30.074	30.108	30.020
	S D	.170	.185	.168	.148	.105	.087	.075	.085	.097	.123	.152	.165	.146
	TOTAL OBS	6114	5577	5920	5782	6066	5890	6218	6559	6121	6292	6195	6178	72912

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB.	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1020.8	1019.3	1017.3	1016.6	1015.8	1015.1	1016.4	1015.6	1015.2	1017.6	1019.3	1020.7	1017.5
	S D	5.537	6.130	5.289	4.902	3.331	2.786	2.319	2.733	3.027	4.056	4.852	5.572	4.795
	TOTAL OBS	744	679	713	699	747	748	774	815	761	777	748	772	8977
03	MEAN	1020.6	1018.9	1016.7	1016.0	1015.4	1014.8	1016.0	1015.2	1014.9	1017.1	1019.1	1020.4	1017.0
	S D	5.587	6.160	5.392	4.988	3.358	2.770	2.273	2.530	3.067	4.073	4.975	5.653	4.813
	TOTAL OBS	743	678	713	708	715	793	846	858	807	826	749	769	9275
06	MEAN	1021.1	1019.8	1017.9	1017.2	1016.4	1015.9	1017.2	1016.4	1015.8	1018.0	1019.9	1020.8	1018.0
	S D	5.714	6.206	5.731	5.014	3.526	2.829	2.393	2.563	3.171	4.092	5.121	5.763	4.867
	TOTAL OBS	978	893	952	932	988	962	1012	1023	959	988	984	960	11631
09	MEAN	1022.5	1021.0	1019.1	1018.3	1017.2	1016.7	1018.0	1017.3	1016.7	1019.0	1021.1	1022.1	1019.1
	S D	5.779	6.246	5.809	5.124	3.593	2.879	2.451	2.613	3.253	4.148	5.158	5.788	5.002
	TOTAL OBS	982	893	957	933	990	965	1013	1023	951	989	984	996	11676
12	MEAN	1021.3	1020.2	1018.4	1017.7	1016.7	1016.2	1017.5	1016.6	1016.1	1017.8	1019.7	1020.8	1018.2
	S D	5.684	6.076	5.716	5.061	3.533	2.901	2.499	2.669	3.243	4.090	5.035	5.669	4.832
	TOTAL OBS	981	892	959	932	988	965	1014	1021	957	988	984	998	11679
15	MEAN	1019.9	1018.5	1016.6	1016.1	1015.3	1014.9	1016.3	1015.3	1014.6	1016.5	1018.5	1019.5	1016.8
	S D	5.581	6.051	5.616	5.008	3.564	2.923	2.503	2.629	3.205	4.010	4.935	5.560	4.774
	TOTAL OBS	978	893	955	929	990	964	1018	1018	960	987	984	997	11673
18	MEAN	1020.4	1018.7	1016.6	1015.9	1015.0	1014.5	1015.9	1015.0	1014.7	1016.9	1019.1	1020.1	1016.9
	S D	5.554	6.095	5.551	4.892	3.422	2.898	2.417	2.688	3.109	3.953	4.945	5.511	4.855
	TOTAL OBS	976	890	953	925	988	968	1011	1019	958	988	977	955	11608
21	MEAN	1021.1	1019.5	1017.6	1016.9	1015.8	1015.3	1016.7	1015.9	1015.7	1017.8	1019.9	1020.8	1017.7
	S D	5.557	6.169	5.504	4.819	3.407	2.880	2.429	2.777	3.046	3.957	5.014	5.608	4.841
	TOTAL OBS	973	893	957	929	991	963	1016	1019	960	989	985	942	11617
ALL HOURS	MEAN	1021.0	1019.5	1017.6	1016.9	1016.0	1015.5	1016.8	1015.9	1015.5	1017.6	1019.6	1020.7	1017.7
	S D	5.674	6.192	5.657	5.040	3.548	2.950	2.520	2.755	3.225	4.116	5.064	5.687	4.906
	TOTAL OBS	7355	6711	7159	6987	7467	7328	7704	7796	7313	7532	7295	7389	88136