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Air Weather Service (MAC)**

**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

**COLUMBUS AFB MS MSC 723306
N 33 39 W 088 27 ELD ELEV 219 FT GEM**

**PARTS A - F
FOR FROM HOURLY OBS: SEP 69 - DEC 70, JAN 73 - AUG 81**

**FOR FROM DAILY OBS: MAR 42 - FEB 46, APR 46 - MAY 46,
NOV 58 - AUG 81**

TIME CONVERSION GMT TO LST: -6

FEB 16 1982

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

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

Wayne E. McCollom

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

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

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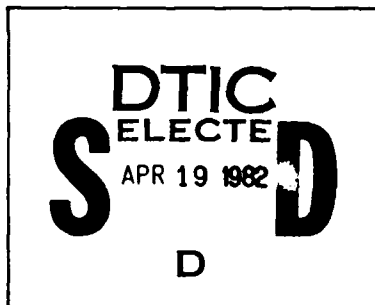
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER JSAFETAC/DS- 82/015	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
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18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure 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 Columbus AFB, 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)		

DD FORM 1473
1 JAN 73

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

Mississippi

Columbus AFB

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

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

U S AIR FORCE
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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into a summary of the day's observations (records, records-special, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Each section is a brief description of the data comprising each part of the revised uniform summary of surface weather observations in the manner of presentation. The sections are prepared from hourly and daily observations recorded by stations operating the following procedure and use foreign stations with similar reporting practices.

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: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 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 723306	STATION NAME Columbus AFB MISSISSIPPI	LATITUDE N 33 39	LONGITUDE W 088 27	FIELD ELEV. (FT.) 219	CALL SIGN CBM	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. BARR.	
1	Columbus Field, Columbus Miss.	AAF	Mar 42	Sep 44	N 33 38	W 088 27	195	211	24
2	Same	Same	Sep 44	Jun 46	Same	Same	198	Same	24
3	Columbus AFB, Miss.	AFB	Nov 58	Jul 71	Same	Same	204	224	24
4	Same	Same	Jul 71	Dec 74	N 33 39	Same	219	209	24
5	Same	Same	Jan 75	Nov 81	Same	Same	Same	Same	24

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 operations Bldg.	Anemometer	N/A	60 ft	
2	Oct 58	Located 2900 ft N of Wea Station	AN/GMQ-11	RO-2	13 ft	
3	Apr 60	Located SE of Rnwy 13-31 750 ft from centerline of Rnwy and 4550 ft from SE end.	Same	Same	15 ft	
4	Apr 64	Dual Instrumented 1. Located 600 ft E of centerline on S end of Rnwy 31. 2. Located 500 ft E. of centerline on N end of Rnwy 13.	AN/GMQ-11	RO-2	13 ft	
5	Apr 69	Dual Instrumented 1. Located 500 ft W of centerline 1000 ft NW of end of Rnwy 31.	AN/GMQ-20	RO-362	Same	

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FORM NOV 73

O-19 (OL A)

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CONTINUED ON REVERSE SIDE

NUMBER OF STATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER		HT. ABOVE GROUND
6	Dec 74	2. Located 500 ft E of centerline on N end of Rwy 13.	Same		Same	
		1. Same	Same	Same	Same	
		2. Same	Same	Same	Same	
7	Dec 79	1. Same	Same	Same	Same	
		2. Same	Same	Same	Same	

PART A

WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

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WEATHER CONDITIONS

03 STATION COLUMBUS AFB MS STATION NAME 70,77-91 YEARS 02 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	0-3	.4	9.8	1.1	2.5		13.0	19.1	2.9			21.1	137
	3-6	.6	13.1	1.2	3.7		16.7	24.1	3.9			29.8	157
	6-9	1.2	13.7	1.3	3.5		15.3	30.8	7.1	.1		33.8	107
	9-12	1.2	12.5	1.1	3.3		16.2	19.8	4.2	.1		22.4	137
	12-15	.3	14.2	.3	2.2		15.1	13.7	1.9			14.3	137
	15-18	.2	13.2	.2	1.4		14.7	14.3	1.7			14.9	137
	18-21	.2	12.7	.5	1.7		14.5	14.3	2.2	.5		17.5	137
	21-23	.4	11.6	.4	1.2		13.1	15.2	1.4	.2		18.3	137
TOTALS		.6	12.5	.8	2.3		15.3	13.9	3.2	.1		21.7	7447

FEDERAL AVIATION ADMINISTRATION
 NATIONAL METEOROLOGICAL SERVICE
 NATIONAL WEATHER SERVICE/MAC

WEATHER CONDITIONS

3 COLUMBUS AFB MS 7, 73-51 YEARS 12 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
10	00-12	.9	6.5		1.2		9.6	12.5	4.8		.5	18.2	846
	12-18	.8	7.2	.1	1.3		10.6	19.9	9.2		.7	25.9	846
	18-24	.6	8.6	.2	1.2		9.9	27.5	12.2		.7	34.3	846
	01-11	.2	5.5		1.5	.1	9.7	12.8	7.2		.7	19.1	846
	12-14	.2	5.0		.9	.1	8.9	6.6	4.0		.4	11.0	846
	15-17	.7	7.6		.6		3.2	5.8	3.1		.5	8.7	846
	18-20	2.1	8.2		.4	.1	5.5	8.5	5.1		.6	13.0	846
	21-23	.9	9.9		.6		10.4	11.1	4.4		.4	14.7	846
TOTALS		.8	6.6	.0	1.0	.0	9.5	13.1	6.2		.6	17.9	6767

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WEATHER CONDITIONS

37 STATION COLUMBUS AFB MS 70,73-P1 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
00-01		4.3	11.0		.6		12.3	11.9	1.9		.3	13.3	437
02-05		2.7	12.0		.3		12.3	17.2	4.2	.1		1.0	437
06-08		2.4	11.8	.1			11.9	21.5	9.1			24.9	437
09-11		2.2	10.4		.2		13.6	10.5	4.7			14.5	437
12-14		2.4	9.7				9.7	7.4	1.4			.4	437
15-17		3.1	10.5		.1		10.5	3.9	1.3			5.1	437
18-20		3.2	12.3		.2		12.4	6.1	1.5		.2	7.8	437
21-23		3.9	10.4		.3	.1	13.7	3.6	1.0		.4	10.9	437
TOTALS		3.0	11.5	.3	.2	.0	11.7	10.9	3.1	.0	.1	13.1	7440

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WEATHER CONDITIONS

37 COLUMBUS AFB MS 70,73-81 APR MONTH
 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
APR	00-23	3.4	7.8				7.8	12.7	4.4			15.9	400
	03-25	3.1	6.9				6.9	21.9	6.9			29.8	700
	06-09	1.4	7.6				7.6	21.0	9.4			25.7	610
	09-11	2.3	9.0				9.0	5.4	4.2			14.3	300
	12-14	1.8	7.4				7.4	3.1	2.0			9.1	200
	15-17	2.8	6.6				6.6	2.9	1.2			4.1	200
	18-20	2.8	8.2				8.3	6.0	2.4			6.0	300
	21-23	3.2	9.1				9.1	7.4	2.6			9.1	300
TOTALS		2.6	8.1				8.1	10.1	4.4			12.9	7000

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WEATHER CONDITIONS

3 COLUMBUS AFB MS 70,77-81 YEARS MAY MONTH
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02	3.6	8.1				8.1	13.4	12.2			28.4	919
	03-05	3.3	10.5				10.5	41.0	23.3			49.5	921
	06-08	2.3	8.4				8.4	32.2	24.4			46.2	929
	09-11	1.8	8.2				8.2	6.1	10.7			15.5	937
	12-14	3.0	7.4			.1	7.4	3.2	5.6			8.0	927
	15-17	5.6	7.7				7.7	2.5	3.8			6.2	924
	18-20	5.3	7.3				7.3	4.9	7.0			11.0	920
	21-23	3.5	7.4			.1	7.4	8.0	10.0			15.1	918
TOTALS		3.5	8.1			.0	8.1	14.5	11.8			22.4	7260

METEOROLOGICAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

2-3 4 COLUMBUS AFB MS 70,73-81 JUN
 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
JUN	00-02	1.7	2.8				2.8	15.1	16.9			28.2	100
	03-05	2.7	3.2				3.2	41.0	31.6			53.7	200
	06-08	1.4	3.1				3.1	28.6	31.6			46.2	300
	09-11	1.8	4.8				4.8	3.3	10.8			13.3	400
	12-14	4.8	3.4				3.4	.8	5.2			5.7	500
	15-17	6.0	4.0				4.0	.9	4.4			5.2	600
	18-21	5.6	5.3				5.3	1.8	8.3			8.2	700
	21-23	2.4	4.7				4.7	5.2	13.8			16.4	800
TOTALS		3.3	3.9				3.9	12.1	15.6			22.2	7200

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WEATHER CONDITIONS

3
STATION

COLUMBUS AFB MS
STATION NAME

75, 76-81
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	0-2	.5	2.2				2.2	18.8	29.7			39.6	931
	3-5	.3	3.1				3.1	43.1	41.6			64.7	931
	6-8	.6	4.4				4.4	37.2	44.3			50.1	930
	9-11	1.7	5.3				5.3	4.5	16.3			19.4	930
	12-14	4.7	5.5				5.5	2.3	6.6			8.4	930
	15-17	10.0	5.2				9.2	1.9	7.2			8.9	930
	18-20	7.4	6.2				8.2	3.0	12.5			15.3	930
	21-23	4.0	3.6				5.6	7.6	19.2			24.2	930
TOTALS		3.7	5.4				5.4	15.5	22.2			3.1	7440

CLIMATE CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

1223 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.4	1.7				1.7	23.5	29.9			43.5	930
	03-05	.6	1.8				1.8	54.9	41.1			64.7	930
	06-08	.3	5.3				3.0	50.0	43.4			67.1	930
	09-11	.6	2.5				2.5	5.5	21.2			23.0	930
	12-14	6.7	5.3				5.3	1.9	8.4			9.8	930
	15-17	9.5	7.8				7.8	1.2	5.4			7.1	930
	18-20	5.3	6.1				6.1	4.0	14.2			17.4	927
	21-23	2.5	2.5				2.5	8.6	21.9			26.1	927
TOTALS		3.2	3.8				3.8	18.7	23.2			32.9	7434

AL CLIMATOLOGY BRANCH
 AFATAC
 AFATAC SERVICE/MAC

WEATHER CONDITIONS

STATION: COLUMBUS AFB MS STATION NAME: 69-70, 73-80 YEARS: 69-70, 73-80 MONTH: SEP

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	0-02	.1	5.6				5.6	12.9	23.9			45.6	900
	03-05	.1	6.1				6.1	52.0	32.6			64.7	900
	06-08	.3	7.4				7.4	56.1	35.1			66.4	900
	09-11	1.2	7.4				7.4	12.2	19.2			27.7	900
	12-14	1.7	6.7				6.7	4.2	9.2			12.6	900
	15-17	4.9	6.8				6.8	4.6	9.0			12.7	898
	18-20	3.4	10.7				10.7	6.3	13.2			19.1	900
	21-23	.8	6.0				6.0	15.6	18.2			26.2	900
TOTALS		1.6	7.4				7.4	23.3	20.2			34.7	7108

CENTRAL CLIMATOLOGY BRANCH
 AFETAC
 AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

73- COLUMBUS AFB MS 69-70, 73-80 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	.5	7.5				7.5	23.7	14.1			29.4	930
	03-05	.8	7.5				7.5	37.7	19.4			44.6	930
	06-08	.5	7.7				7.7	45.1	29.5			55.2	930
	09-11	.1	6.1				6.1	6.8	15.3			17.7	930
	12-14	.2	4.5				4.5	2.9	2.5			5.2	930
	15-17	1.2	5.3				5.3	3.2	2.4			5.2	930
	18-20	1.2	6.2				6.2	5.4	5.1			7.1	929
	21-23	.6	5.8				5.6	10.0	5.4			15.5	930
TOTALS		.6	6.3				6.3	17.1	11.5			22.7	7430

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

FEDERAL CLIMATOLOGY BRANCH
 AFAC
 WEATHER SERVICE/AFAC

WEATHER CONDITIONS

3 COLUMBUS AFB MS 67-70, 73-74 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	10-02	1.0	5.3		.2		5.6	72.1	6.3			24.6	900
	13-05	.7	15.2		.1		10.3	25.7	10.5			33.3	900
	16-08	.8	8.9				3.9	35.1	15.7			41.6	900
	19-11	.7	8.2		.1		8.2	13.2	6.3			19.8	900
	22-14	.6	7.3		.1		7.4	6.6	2.7			8.7	900
	25-17	1.1	7.9	.2	.3	.1	9.1	7.7	2.2			9.1	900
	28-20	1.0	5.3		.2		8.6	10.1	3.2			12.4	900
	31-23	1.0	7.3		.9		5.1	14.7	4.2			19.6	900
TOTALS		.9	5.3	.0	.2	.0	8.5	17.3	6.6			20.7	7200

NATIONAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

03 COLUMBUS AFB MS 69-70, 73-67 REC
 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.
0-01		.9	12.3	.1	.4		12.8	13.5	4.1		.3	16.2	930
07-07		1.1	13.0	.1	.5		14.4	16.4	7.0		.3	22.6	930
08-08		.4	9.9		.8		10.6	25.2	11.0		.1	35.5	930
09-11		.1	5.9		.4		9.4	12.5	6.3		.2	17.6	930
12-14		.1	6.7		.4		9.1	7.4	2.9			13.1	930
15-17		.5	6.8		.4		9.2	7.4	2.7			9.7	930
18-20		.6	10.6		.1		10.7	5.1	2.2		.3	10.0	927
21-23		.2	11.2				11.2	10.2	2.7		.3	12.6	927
TOTALS		.5	10.5	.0	.4		10.9	12.8	4.9		.2	16.2	7434

1. ALL CLIMATOLOGY BRANCH
 2. TAC
 3. WEATHER SERVICE/MAC

WEATHER CONDITIONS

12 3 1 COLUMBUS AFB MS 69-70, 73-81 ALL
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	ALL	.6	12.5	.2	2.3		15.3	16.9	3.2	.1		20.7	7440
FEB		.8	8.6	.0	1.0	.0	9.5	13.1	6.2		.6	17.9	6767
MAR		3.0	11.9	.0	.2	.0	11.7	10.9	3.1	.0	.1	13.1	7440
APR		2.6	6.1				8.1	10.1	4.4			12.9	7000
MAY		3.5	4.1			.0	8.1	14.5	11.8			22.4	7380
JUN		3.3	3.9				3.9	12.1	13.6			22.2	7200
JUL		3.7	5.4				5.4	15.5	22.2			30.1	7440
AUG		3.2	3.8				3.8	13.7	23.2			32.9	7434
SEP		1.6	7.4				7.4	23.3	20.2			34.7	7198
OCT		.6	6.3				6.3	17.1	11.0			22.7	7439
NOV		.9	2.3	.0	.2	.0	3.5	17.3	6.6			20.7	7000
DEC		.5	10.5	.0	.4		10.9	12.8	4.9		.2	16.2	7434
TOTALS		2.0	7.9	.1	.3	.0	8.2	15.4	11.1	.0	.1	22.2	87572

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.

2

CENTRAL CLIMATOLOGY BRANCH
 AFM/TAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

1953 STATION COLUMBUS AFB MS STATION NAME 40, 58-81 YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	6.2	45.0	3.6	12.4	.3	49.3	46.6	19.0	.7		50.9	744
FEB		7.9	43.3	.6	7.4	.6	42.1	43.8	21.5	.5	.2	48.6	662
MAR		19.2	45.7	.3	2.9	2.0	46.5	38.4	15.3	.1		41.5	713
APR		19.7	37.5		.1	1.3	36.0	42.8	23.5			40.5	720
MAY		24.2	37.2			1.1	37.6	52.1	36.5			57.2	743
JUN		30.0	40.0			.7	40.0	51.3	43.2			58.0	690
JUL		41.4	44.7			.6	44.7	56.4	45.0			62.6	713
AUG		32.4	37.7			.7	39.7	69.1	53.7			74.9	713
SEP		17.6	37.6			.2	37.6	66.7	49.1			71.4	660
OCT		5.3	26.0			.1	26.0	57.2	38.7			61.0	682
NOV		6.7	38.4	.1	1.4	.3	38.6	49.7	29.6			53.9	690
DEC		5.8	40.4	1.3	4.2	.1	42.1	42.6	20.3			47.0	713
TOTALS		18.0	37.5	.5	2.4	.7	40.0	51.4	32.9	.1	.0	56.3	443

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

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

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

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

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

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

2
 FEDERAL CLIMATOLOGY BRANCH
 WPC/FETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

7233.6

COLUMBUS AFB MS

42-46, 58-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	31-100	101-250	251-500	501-1000	1001-2000	OVER 2000			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	43.7	15.4	2.6	6.5	4.4	5.7	5.5	6.1	4.4	.7				35.9	836	5.24	13.03	.92
FEB	53.7	11.9	2.5	5.1	2.3	6.2	6.3	6.2	5.1	.5				34.2	746	4.84	9.73	1.43
MAR	52.9	10.9	1.6	5.8	4.1	3.8	7.0	6.4	5.7	1.6	.1			36.2	823	7.02	16.20	.00
APR	62.9	8.5	2.7	3.8	1.8	3.4	4.9	6.4	5.2	1.0	.1			28.6	833	5.84	13.09	TRACE
MAY	60.7	11.6	1.9	4.2	2.4	5.1	4.2	5.1	4.9	.6				28.1	859	5.34	12.71	.00
JUN	60.9	10.7	4.4	3.8	2.5	5.5	5.7	4.3	2.1	.1				28.5	794	3.01	5.26	.00
JUL	56.7	10.4	2.4	6.2	4.3	5.3	5.8	5.1	3.9	.6				33.6	828	4.94	11.89	.00
AUG	61.1	10.1	2.3	4.5	4.7	5.6	3.4	4.7	3.4	.2				28.8	825	3.75	9.27	.00
SEP	42.3	11.2	3.1	4.2	3.9	4.2	3.2	4.2	3.3	.4				26.6	779	3.66	10.87	.18
OCT	73.6	6.6	1.2	4.0	1.6	2.9	3.2	3.5	3.1	.2	.1			19.9	606	3.12	7.81	TRACE
NOV	60.9	10.2	2.2	5.1	2.7	4.6	4.7	4.8	4.3	.5				28.9	810	4.24	10.70	.70
DEC	56.4	10.6	2.2	3.2	3.7	5.1	6.5	6.6	4.8	1.0				33.0	837	5.65	14.58	1.12
ANNUAL	52.7	10.7	2.3	4.7	3.2	4.8	5.0	5.3	4.2	.6	.0			30.2	9776	56.65		

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

EXTREME VALUES
 PRECIPITATION

(FROM DAILY OBSERVATIONS)

72-326 COLUMBUS AFB MS 42-46, 58-81
 STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42			.70*	TRACE*	.00*	.00*	.00*	.00*	1.87	1.28	.45	2.39	
43	*.34	1.67	2.72	1.00	.93	2.03	.50	.95	1.63	.66	2.03	1.47	2.72
44	1.39	1.06	2.96	2.22	1.70	.64	.76	2.14	.08	.39	.97	2.37	2.96
45	1.05	2.65	2.66	1.12	.83	1.57	1.81	1.04	1.49	1.47	.92	1.29	2.66
46	3.14*	3.64		.48	2.57								
58											2.07	.77	
59	1.34	1.86	1.11	1.72	2.17	.98	1.80	.74	.66	2.53	1.27	1.34	2.53
60	2.01	.91	3.11	.79	1.84	1.68	1.16	2.30	.94	1.28	2.13	1.10	3.11
61	.64	4.32	2.18	.93	.76	2.24	2.39	.73	.32	1.48	3.68	3.06	4.32
62	1.75	1.28	1.38	1.63	1.12	1.18	1.49	2.01	1.34	2.12	1.09	.74	2.12
63	.89	.65	1.18	1.16	3.14	1.13	2.62	1.90	1.79	TRACE	2.91	2.84	3.14
64	3.00	.82	1.65	2.28	1.35	1.58	.53	1.53	1.58	1.16	1.47	1.87	3.00
65	.97	2.22	1.16	1.61	.60	.48	1.85	.87	1.92	1.34	.21	.31	2.22
66	1.63	1.88	.45	2.63	1.01	.63	2.74	.89	2.55	.90	.55	1.31	2.74
67	.69	1.59	1.14	2.00	.97	1.25	3.53	.67	.76	2.08	1.12	2.61	3.53
68	3.04	1.36	1.66	.92	2.04	.66	4.76	.72	.97	.86	1.40	2.36	4.76
69	1.25	1.29	1.79	2.15	1.89	.92	1.57	1.79	1.28	1.99	1.76	3.89	3.89
70	.93	1.42	6.07	3.26	1.74	1.66	1.43	2.71	.54	1.40	.86	.88	6.07
71	.91	2.39	1.05	1.75	3.13	3.33	1.37	1.22	1.90	1.60	.36	1.45	3.33
72	2.06	.52	.90	.88	1.71	1.26	.69	1.42	2.80	1.44	1.73	1.33	2.80
73	2.61*	2.22	3.21	2.40*	.94	.99	1.03	1.90	1.61	1.58	2.69	2.38	3.21
74	2.19	1.38	1.38	3.68	2.41	1.06	.77	1.95	.82	1.29	1.03	1.42	3.68
75	2.69	1.97	4.82	.87	2.48	1.29	1.74	1.08	1.04	4.41	.93	1.82	4.82
76	1.09	1.83	2.00	.78	2.23	1.21	1.30	1.50	1.74	.78	1.67	1.57	2.23
77	2.38	1.90	2.95	3.40	1.62	.15	.97	.56	2.07	5.16	1.94	.46	5.16
78	1.16	1.21	1.50	.52	4.05	1.10	2.01	1.02	1.32	.51	1.10	2.09	4.05
79	2.94	2.85	4.56	5.76	1.50	.96	4.99	2.76	4.60	1.53	2.66	.65	5.76
80	1.70	.99	3.06	2.62	2.35	1.28	.33	1.03	1.51	1.57	1.21	.94	3.06
81	.98	1.81	2.68	1.13	1.47	1.23	.78	1.05					
MEAN	1.703	1.669	2.282	1.840	1.831	1.250	1.728	1.403	1.490	1.570	1.489	1.656	3.563
S D	.817	.813	1.339	1.191	.829	.626	1.201	.641	.917	1.105	.832	.866	1.124
TOTAL OBS	636	746	823	833	859	794	828	825	779	806	810	837	9776

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

7236 STATION COLUMBUS AFB MS STATION NAME 42-46, 58-81 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42			* .00	* TRACE	* .00	* .00	* .00	* .00	2.52	5.18	.70	5.85	
43	* .92	3.92	7.42	3.28	3.13	2.76	1.61	1.60	4.11	.68	3.81	2.86	*36.17
44	2.54	7.94	8.33	7.46	3.69	.90	3.62	4.55	.18	.39	3.46	6.48	49.54
45	2.82	9.73	5.75	3.64	3.25	2.40	5.30	2.71	3.82	3.79	3.73	6.04	52.98
46	10.74*	5.74		1.50	7.49								
47											3.39	2.25	
48	3.54	4.39	3.64	5.30	4.92	3.43	2.45	2.25	2.27	5.30	3.17	3.95	44.61
49	6.4	3.12	8.20	3.12	4.49	2.93	2.51	4.78	1.69	4.05	3.75	3.23	48.27
50	1.64	8.96	10.40	3.87	2.60	5.22	11.20	1.31	.91	1.84	10.70	13.81	72.46
51	7.42	4.53	3.47	6.90	1.38	4.08	4.52	2.58	2.36	2.40	2.76	2.70	45.10
52	4.14	1.53	3.49	4.10	7.44	3.42	9.40	3.48	2.18	TRACE	5.96	6.10	51.24
53	4.84	3.13	7.54	13.29	2.62	2.05	2.70	3.47	3.63	1.95	3.52	5.01	53.55
54	2.40	6.93	6.31	3.53	1.55	2.07	6.44	2.08	3.65	1.45	.79	1.18	38.38
55	5.59	6.01	1.70	9.90	2.34	2.05	4.61	2.64	5.10	1.71	1.52	3.73	46.90
56	1.94	5.62	2.28	3.21	4.67	3.18	9.47	3.58	1.81	4.20	3.91	14.58	58.45
57	7.36	2.41	5.46	4.88	8.10	1.73	10.12	2.46	3.76	2.26	4.96	6.32	59.82
58	3.36	4.09	4.96	8.95	5.66	2.78	5.35	3.97	2.63	3.98	3.14	13.74	62.61
59	2.57	3.49	9.84	9.43	6.66	3.39	3.24	9.27	1.68	5.24	2.21	4.10	61.12
60	3.49	8.88	6.43	5.07	5.43	4.69	6.39	4.48	4.13	2.61	1.05	7.21	59.86
61	8.93	1.43	4.54	2.92	3.95	2.54	2.01	2.13	5.23	3.07	6.04	5.17	47.93
62	8.97*	4.52	12.34	6.99*	3.61	2.47	3.89	5.20	4.31	2.64	9.56	6.92	*71.42
63	13.03	5.49	4.26	8.24	8.67	4.66	1.74	7.91	3.25	1.43	4.81	7.70	71.19
64	5.98	7.34	10.40	3.87	4.92	5.26	5.45	5.60	4.30	6.71	4.25	3.92	68.70
65	3.20	4.25	10.92	1.32	11.19	3.25	3.88	5.10	4.16	3.48	3.42	5.28	59.45
66	5.88	3.13	9.60	11.80	2.68	.38	5.37	.81	10.87	7.81	7.47	1.64	67.44
67	3.75	2.09	4.18	1.33	12.71	3.57	3.04	3.04	2.17	.53	3.53	9.30	49.24
68	8.46	6.88	7.88	11.29	6.04	1.56	11.89	6.86	9.71	3.61	7.07	2.45	83.70
69	5.77	2.14	16.20	9.97	9.57	3.32	.63	3.42	3.58	4.68	5.75	1.12	66.15
70	1.63	3.49	6.95	2.69	3.81	4.08	1.50	2.31					
MEAN	5.245	4.837	7.019	5.839	5.345	3.007	4.936	3.753	3.660	3.115	4.238	5.653	57.309
S.D.	2.987	2.431	3.393	3.433	2.935	1.226	3.150	2.022	2.370	1.966	2.420	3.660	10.907
TOTAL OBS	836	746	823	833	859	794	828	825	779	806	810	837	9776

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
 STAFFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

72336

COLUMBUS AFB MS

46,

58-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	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	7.4	9.9	1.7	.4		.3	.1	.1	.1					2.8	744	1.2	7.4	.0
FEB	2.4	6.5	.5	.2	.2		.2		.2					1.1	661	.7	11.0	.0
MAR	6.9	2.7	.1	.1		.1								.4	713	.2	3.8	.0
APR	9.9	.1													720	TRACE	TRACE	.0
MAY	0.0														743	.0	.0	.0
JUN	0.0														690	.0	.0	.0
JUL	0.0														713	.0	.0	.0
AUG	0.0														713	.0	.0	.0
SEP	0.0														660	.0	.0	.0
OCT	0.0														682	.0	.0	.0
NOV	8.4	1.2	.1	.3										.4	690	.1	1.0	.0
DEC	5.9	3.2	.4	.1					.3					.8	713	.7	8.0	.0
ANNUAL	7.6	2.0	.2	.1	.0	.0	.0	.0	.0					.5	8442	2.9		

FEDERAL CLIMATOLOGY BRANCH
 WAFB/TAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

12333
 STATION

COLUMBUS AFB MS
 STATION NAME

46-58-81
 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
47	.4	.0		.0	.0								
50	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
61	TRACE	7.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	7.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
64	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	6.5
65	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
67	4.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	TRACE
68	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
69	TRACE	2.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
70	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
71	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
72	.3	.4	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.4
73	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	TRACE*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.1	.1
75	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
76	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	TRACE	2.6
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
77	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
78	5.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.2
79	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
80	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
81	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	1.05	.44	.13	TRACE	.00	.00	.00	.00	.00	.00	.06	.59	1.99
S D	1.969	1.526	.625	.000	.000	.000	.000	.000	.000	.000	.188	1.945	2.576
TOTAL OBS	744	661	713	720	743	690	713	713	660	682	690	713	8442

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

7243.6 COLUMBUS AFB MS 46 58-81
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	.0*	.0		.0	.0								
50	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	TRACE	11.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
61	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	7.4	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	7.3
64	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
66	4.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	TRACE
67	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
68	TRACE	3.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
69	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
71	.5	.4	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
72	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
73	TRACE*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.1	*.1
74	.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	TRACE
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
77	3.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	6.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
79	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
80	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
81	.0	TRACE	.0	.0	.0	.0	.0	.0					
MEAN	1.15	.67	.17	TRACE	.00	.00	.00	.00	.00	.00	.07	.67	2.62
S.D.	2.132	2.394	.792	.000	.000	.000	.000	.000	.000	.000	.238	2.192	3.358
TOTAL OBS	744	661	713	720	743	690	713	713	660	682	690	713	8442

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

2
 GENERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

72530+ COLUMBUS AFB MS

42-46, 58-81

STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-03	04-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			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	4.4	3.2	.5	.8	.1	.2	.2							1.9	834			
FEB	8.3	1.2		.1		.3	.1							.5	745			
MAR	9.9		.1											.1	836			
APR	10.0														840			
MAY	10.0														867			
JUN	100.0														810			
JUL	100.0														837			
AUG	100.0														837			
SEP	100.0														780			
OCT	100.0														806			
NOV	9.4	.2													810			
DEC	8.3	1.0	.4		.1	.2								.7	834			
ANNUAL	9.3	.5	.1	.1	.1	.1	.0							.3	9836			

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

723346
 STATION

COLUMBUS AFB MS
 STATION NAME

42-46, 58-81
 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42			*	0	0	0	0	0	0	0	0	0	
43	*	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
45		0*	0	0	0	0	0	0	0	0	0	0	
46		0*	0	0	0	0	0	0	0	0	0	0	
58												0	4
59	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
60	0	8	0	0	0	0	0	0	0	0	0	0	8
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	7	0	0	0	0	0	0	0	0	0	0	0	7
63	TRACE	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE
64	7	0	0	0	0	0	0	0	0	0	0	0	7
65	2	0	0	0	0	0	0	0	0	0	0	0	2
66	2	0	0	0	0	0	0	0	0	0	0	0	2
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	1	0	0	0	0	0	0	0	0	0	0	0	1
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	1	TRACE	0	0	0	0	0	0	0	0	0	0	1
72	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
73	0	0	0	0*	0	0	0	0	0	0	0	TRACE	TRACE
74	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
75	TRACE	0	0	0	0	0	0	0	0	0	TRACE	0	TRACE
76	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE	TRACE
77	2	TRACE	0	0	0	0	0	0	0	0	0	0	2
78	5	TRACE	0	0	0	0	0	0	0	0	0	0	5
79	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
80	0	TRACE	1	0	0	0	0	0	0	0	0	0	1
81	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	1.6
S D	2.121	1.633	.196	.000	.000	.000	.000	.000	.000	.000	.000	.800	2.673
TOTAL OBS	634	745	836	840	867	810	837	837	780	806	810	834	9836

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OL A)
 JUL 64

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

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

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

1236 COLUMBUS AFB MS 58-81
 STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
58												ESE*23	
59	N	42W/28N	33WSW	30S	38W	46NNW	28W	28W	31N	21NNW	30N	26	W 46
60	N	28SW	34S	32S	25W	47N	26NNE	42ESE	32SE	31W	25NNW	23NNW	33 W 47
61	NW	35W	37W/24N	51W	38S	29NNE	30S	71E	*27SSE*28N	*26S	*30NNE*24		S 71
62	S	*31SSW	38W	43SSE	47W/28N	28W/24N	31NNW	30NNW	20S	21NNW	21W	*22W/24	SSE 47
63	S	*25SSE*35S	51SSW	*38NNW	43N	27W/24N	31W	*23W/24N	40W/24N	*32W	33		S 51
64	W	47WSW	36WSW	42SE	33SSW*22E	27N	36ESE	30NNE	27NNE	35WSW	40SSE	42	W 47
65	NNW	34W	38W	43W/24N	30S	35NW	26W	40NNW	29SSE	34ESE	24W/24N	54SSE	34 WNW 54
66	NNW	35SSE	51W	36N	34NW	29NW	38N	*28W	24NW	26W	23NW	35W	33 SSE 51
67	NW	29SSW	33SSW	29W	51W/24N	36SW	27E	32SW	21W/24N	26NW	43SW	23SSW	33 W 51
68	N	28S	26NW	26S	30SSE	29NW	3613/	3018/	3032/	2132/	2518/	4026/	40 18/ 40
69	19/	3016/	3012/	4013/	3828/	2533/	4910/	3832/	3434/	4634/	2631/	3813/	35 33/ 49
70	36/	3112/	4627/	4529/	46 6/	4233/	3820/	2918/	4118/	3423/	3618/	2933/	34 12/ 46
71	30/	2826/	3837/	3432/	2818/	2827/	4236/	4735*	4117*	3035/	2035/	2317/	24 36/ 47
72	33/	3229*	2631*	4023/	30 5/	28 1/	2932/	4616/	4034*	26 9/	2517/	2615/	33 32/ 46
73	27/	2936/	2830/	4814/	3919/	4330/	24 3/	2632*	2817*	2931/	4226/	2824/	40 30/ 48
74	34/	3426/	42 9/	3516/	3525/	3427/	3336/	3333/	3130/	3016/	2232/	2713/	29 26/ 42
75	19/	5416/	3333/	7018/	3612/	2928/	32 1/	3727/	5424/	46 4/	2914/	3223/	26 33/ 70
76	35/	3130/	4124/	52 2/	4218/	2835*	23			13/	37	36*	31
77	28/	3728/	3326/	5827/	3136/	3432/	4210/	3710/	2423/	3523/	2229/	3032/	37 26/ 58
78	31/	4426/	3017/	5028/	3023/	5630/	3029/	4531/	4619/	2225/	2625/	2931/	34 23/ 56
79	29/	3830/	3514/	4015/	3733/	2719/	2615/	3812/	33 3/	3616/	3435/	2824/	28 14/ 40
80	14/	2630/	3329/	3829/	2812/	3135/	3012/	26 6/	4236/	3116/	3124/	2331/	25 6/ 42
81	34/	2316/	3226/	3319/	2729/	4720/	30 2/	3530/	33				
MEAN	33.3	35.3	42.2	34.8	34.8	32.6	37.0	32.9	31.6	28.4	31.0	32.2	49.3
S.D.	7.700	6.110	10.401	6.955	8.273	6.912	10.010	8.891	7.633	7.140	7.978	5.393	8.567
TOTAL OBS	697	631	701	684	705	680	669	655	608	667	602	678	7977

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 7 JUL 64 0-88-5 (OLA) 5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

AFHQAL CLIMATOLOGY BRANCH
 AFHQALC
 AFHQ WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 23 COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JAN
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2000
 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	2.7	5.5	4.4	.3								12.9	5.5
NNE	.9	.9	.9	.1								2.6	5.6
NE	.4	.1	.1									.6	3.7
ENE	.3	.8	.1									1.2	4.4
E	1.1	1.1	.2	.1								2.5	4.0
ESE	2.4	1.7	.9	.1								3.1	4.3
SE	2.6	1.9	.8	.3	.2							5.8	5.1
SSE	.6	1.6	1.6	1.0								4.8	7.2
S	1.4	2.6	3.8	.6								8.4	6.4
SSW	.4	.9	.3	.1								1.7	5.0
SW	.3	.4										.8	3.4
WSW	.6	.3		.2								1.2	5.3
W	1.7	1.2	.2	.3	.4							3.9	6.4
WNW	1.0	1.6	1.1	.8	.1							4.5	6.9
NW	1.4	1.1	1.6	1.0	.4							5.5	7.8
NNW	1.0	2.0	3.2	1.7								6.0	7.8
VARBL													
CALM												30.6	
	12.7	23.7	19.1	6.7	1.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: COLUMBUS AFB MS YEARS: 70, 73-81 MONTH: JAN
 CLASS: ALL WEATHER HOURS (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	1.1	4.3	4.7	.5								13.7	5.4
NNE	1.4	1.2	.4	.2								3.2	4.9
NE	.9	.3	.2									1.4	3.8
ENE	.4	.4	.1									1.0	3.7
E	1.1	.5	.2									1.8	3.8
ESE	2.0	1.7	.8									4.5	3.9
SE	4.1	2.0	1.4	.2								7.7	4.1
SSE	1.0	1.5	1.8	1.4								5.7	7.4
S	.9	3.0	2.6	.5								7.0	6.2
SSW	.8	.9										1.6	3.4
SW	.2	.1										.3	2.3
WSW	.6	.3	.1									1.1	3.5
W	1.0	.7	.4	.8								3.0	7.1
WNW	1.6	1.4	.8	.8	.3	.1						4.9	7.2
NW	1.1	1.3	2.4	1.3								6.0	7.8
NNW	1.6	2.7	2.7	1.3								8.3	6.9
VARBL													
CALM												23.7	
	20.7	22.6	18.6	7.0	.3	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR FATHER SERVICE/MAC

SURFACE WINDS

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

12 3 4 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JAN NORTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.3	4.6	1.3								13.4	6.1
NNE	1.2	1.1	.8	.2								3.2	5.2
NE	.6	.3										1.0	2.4
ENE	1.1	.4	.3									1.8	4.0
E	1.5	1.6	.3									3.4	4.3
ESE	1.6	1.2	.5	.4								4.4	5.0
SE	2.3	2.9	1.3	.3								7.3	4.7
SSE	1.1	1.5	1.4	.9	.1							4.9	7.1
S	2.0	2.7	1.8	.4								7.0	5.5
SSW	1.3	.5	.2									2.0	3.4
SW	.1	.2										.3	3.7
WSW	.5	.5	.1									1.2	4.0
W	.5	1.1	.2	1.1								2.9	6.1
WNW	.9	1.1	1.5	.5	.2							4.2	7.5
NW	1.4	1.7	2.5	1.1								6.7	7.1
NNW	1.5	1.5	3.2	1.1	.2							7.7	7.4
VARBL													
CALM												26.4	
	21.5	23.4	18.8	7.3	.5							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

2 3 4 COLUMBUS AFB MS 70, 73-81 JAN

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	2.2	4.0	5.8	1.5	.1							14.7	6.7
NNE	1.3	1.1	.8	.2								3.3	5.0
NE	1.2	1.2	.4	.1								2.9	4.2
ENE	1.2	1.1	.3									2.5	3.5
E	1.2	1.3	.3	.1								3.6	4.5
ESE	1.1	2.3	1.8	.4								5.6	6.2
SE	1.9	2.7	2.5	.1	.2							7.4	5.9
SSE	1.6	2.4	2.7	.6	.2							7.5	6.8
S	1.1	2.3	2.7	.9	.2	.1						7.2	7.6
SSW	1.4	1.6	.9									3.9	4.6
SW	1.7	.4	.6	.4								2.5	5.9
WSW	1.3	.3	.9	.2								2.8	5.4
W	.3	.5	1.3	.8								2.9	7.8
WNW	.9	1.5	1.6	1.6	.1							5.6	8.3
NW	1.4	1.6	3.6	2.0	.3							6.9	8.4
NNW	1.5	1.8	3.1	2.5	.3							9.3	8.3
VARBL													
CALM												9.4	
	21.1	27.0	29.3	11.5	1.5	.1						104.0	6.1

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

203 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JAN MONTH
 1200-1400 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	1.8	3.2	4.2	1.1	.4							10.8	7.2
NNE	.1	1.6	.3	.1								2.2	5.5
NE	.8	.6	.3									1.7	4.1
ENE	.6	.6	.4	.1								1.8	5.0
E	1.5	.6	.4									2.6	3.9
ESE	.9	.9	1.0	.2								2.9	5.8
SE	1.4	2.7	2.3	.6	.1							7.1	6.2
SSE	1.1	1.5	3.3	1.1	.3							7.3	7.8
S	1.2	2.3	3.5	1.2								8.2	7.2
SSW	.8	1.4	1.3	.9								4.3	7.2
SW	.4	1.3	.8	.3	.1							2.9	6.7
WSW	.8	1.5	1.4	.5								4.2	6.4
W	1.1	1.9	1.8	.6	.2							5.6	7.0
WNW	1.2	1.8	2.6	2.2								7.7	8.3
NW	1.3	2.2	4.3	2.2	.4							10.2	8.7
NNW	1.2	3.7	4.7	2.4	.4							12.4	8.1
VARBL													
CALM												8.2	
	18.0	27.6	32.7	13.4	2.0							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2036 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JAN NORTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.5	4.6	1.2	.1							12.0	6.6
NNE	1.0	.6	.4									2.0	4.4
NE	.9	.3	.1									1.7	3.4
ENE	.6	.2	.1									1.0	3.3
E	.5	1.5	.3	.3								2.7	5.6
ESE	.5	1.8	1.1	.1								3.5	5.6
SE	1.3	2.2	2.5	.5	.1							6.6	6.7
SSE	1.8	3.0	3.0	.5								8.4	6.0
S	1.8	1.9	2.2	.2								6.1	5.7
SSW	1.1	1.4	.9	.6	.1							4.1	6.9
SW	.3	.2	.4	.6								1.6	8.5
WSW	1.0	1.0	1.0	.3								3.2	6.0
W	1.5	2.3	1.3	.9	.4							6.3	6.9
WNW	1.8	2.3	2.9	1.6	.1							8.7	7.1
NW	.6	2.5	4.2	2.2	.4							9.9	8.5
NNW	1.3	3.9	5.6	2.3	.5							13.5	8.0
VARBL													
CALM												8.5	
	15.7	29.0	30.5	11.4	1.8							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAAC

SURFACE WINDS

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

STATION: 12.3 COLUMBUS AFB MS STATION NAME: 70,73-81 YEARS: JAN
STATION NORTH
 CLASS: ALL WEATHER
CONDITION
 PERIOD: 1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.3	3.5	.9	.1							12.4	5.6
NNE	1.2	.3	.3	.1								1.9	3.9
NE	.4	.6	.3	.2								1.6	6.0
ENE	.5	.2										.8	2.9
E	1.1	.9	.2	.1								2.3	4.2
ESE	2.8	2.0	1.0	.4								6.2	4.8
SE	2.3	3.2	1.6	.2								6.0	5.0
SSE	1.2	1.4	1.8	.4								4.8	6.5
S	.6	1.7	1.3	.1								3.8	5.9
SSW	.3	1.1	.3	.1								1.8	5.4
SW	.2	.3	.2	.1								.9	6.1
WSW	.6	.6	.1									1.4	4.0
W	1.2	1.5	.4	.3	.2							3.7	6.1
WNW	1.8	1.9	.8	.6		.1						5.3	5.8
NW	2.0	1.9	2.0	1.0	.3							7.3	6.9
NNW	3.0	2.8	2.8	2.5	.3	.1						11.5	7.3
VARBL													
CALM												26.5	
	22.9	25.6	16.8	7.1	1.0	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 283 STATION NAME COLUMBUS AFB MS YEARS 70, 73-81 MONTH JAN
 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	5.1	3.4	1.5	.1							12.7	6.3
NNE	1.2	.6	.8									2.6	4.5
NE	.8	.5	.3	.1								1.7	4.4
ENE	.3	.9	.3									1.4	4.7
E	1.2	.9	.2									2.3	3.6
ESE	2.2	1.2	.5	.5	.2							4.6	5.3
SE	2.9	2.9	1.3	.3								7.4	4.7
SSE	1.1	2.4	2.4	1.0								6.8	6.7
S	1.3	1.6	2.3	.4								5.6	6.3
SSW	.6	.8	.5	.1								2.0	5.5
SW	.3	.4	.1									.9	4.5
WSW	.2	.6	.2									1.1	5.0
W	1.1	.9	.3	.9								3.1	6.8
WNW	1.6	1.3	1.1	.3	.2							4.5	5.8
NW	1.5	2.7	1.4	1.4								6.3	6.9
NNW	1.6	2.7	2.3	2.2	.4	.1						8.6	8.3
VARBL													
CALM												25.4	
	20.4	24.0	17.4	8.7	1.0	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 25304 COLUMBUS AFB MS STATION NAME: 70,73-81 YEARS: JAN
 CLASS: ALL WEATHER MONTH: JAN
 CONDITION: ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	4.3	4.4	1.0	.1							12.8	6.2
NNE	1.0	.9	.6	.1								2.6	4.9
NE	.7	.6	.2	.1								1.6	4.1
ENE	.6	.6	.2	.0								1.4	4.0
E	1.1	1.1	.3	.1								2.6	4.2
ESE	1.7	1.7	.9	.3	.0							4.6	5.1
SE	2.4	2.6	1.7	.3	.1							7.2	5.2
SSE	1.2	1.9	2.3	.9	.1							6.3	6.9
S	1.3	2.3	2.5	.6	.0	.0						6.7	6.4
SSW	.8	1.1	.6	.2	.0							2.7	5.5
SW	.4	.4	.3	.2	.0							1.3	6.1
WSW	.7	.7	.5	.2	.0							2.0	5.4
W	1.0	1.3	.8	.7	.2							3.9	7.0
WNW	1.3	1.6	1.5	1.0	.1	.0						5.7	7.2
NW	1.3	1.8	2.7	1.5	.2							7.6	7.9
NNW	1.6	2.6	3.5	2.0	.3	.0						9.9	7.8
VARBL													
CALM												21.1	
	20.3	25.4	22.9	9.1	1.2	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7438

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 234 STATION NAME COLUMBUS AFB MS YEARS 70,73-81 MONTH FEB
 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	2.6	3.5	2.5	1.2	.2							10.0	6.5
NNE	1.1	.9	.9	.4								3.3	5.6
NE	.4	.2										.6	3.6
ENE	.8	.8	.1									1.8	3.6
E	1.4	.5	.4									2.2	3.7
ESE	1.9	.9	.6	.1	.1							3.7	4.7
SE	2.0	1.3	.6	.6								4.5	5.0
SSE	.7	2.1	1.3	1.3		.1						5.6	7.7
S	.9	3.5	3.8	.4								6.6	6.3
SSW	.7	1.3	.4	.4								2.7	6.0
SW	.1	.5	.2									.8	5.4
WSW	.8	.7	.1	.6	.1							2.4	6.9
W	1.8	.4	1.2	.4	.1							3.8	5.7
WNW	1.3	.9	.9	.7	.1							4.0	6.7
NW	1.5	1.1	1.3	.5	.4							4.7	7.0
NNW	1.1	1.7	2.4	.7	.1							5.9	7.4
VARBL													
CALM												35.3	
	19.1	20.4	16.7	7.1	1.2	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

12836 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS FEB MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.3	2.4	1.4		.1						9.6	6.4
NNE	.9	1.1	1.1	.1								3.2	5.4
NE	.5	.4	.2	.1								1.2	5.1
ENE	.6	.2		.1								.9	4.0
E	1.5	1.7										3.2	3.1
ESE	2.0	.7	.4									3.3	3.8
SE	2.0	2.1	.6	.6	.1							5.4	5.3
SSE	1.2	1.3	1.4	1.2	.2							5.3	7.8
S	2.5	3.8	2.5	.6								9.3	5.7
SSW	.6	.8	.1	.1								1.7	4.8
SW	.4	.5	.5									1.3	5.1
WSW	.2	.5	.4	.7								1.8	8.3
W	.9	.9	.7	.5								3.1	6.0
WNW	1.9	.7	1.2	.5	.2							4.5	6.1
NW	1.2	.7	.9	1.8								4.6	8.1
NNW	.9	2.4	2.2	1.5								7.1	7.6
VARBL													
CALM												34.5	
	19.7	21.3	14.5	9.2	.6	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12 3 4 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS FEB MONTH
0600-0800 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	4.1	3.0	1.1	.1							10.3	6.4
NNE	1.1	1.3	.4									2.7	4.1
NE	.6	.4	.5									1.4	5.2
ENE	.8	.6		.1								1.5	3.9
E	1.5	.7	.2									2.5	3.5
ESE	3.5	1.9	.7	.1								6.1	3.7
SE	3.3	3.1	1.2	.5								8.0	4.7
SSE	1.3	1.3	1.3	.5	.8							5.2	7.7
S	2.6	2.4	2.2	.2	.1							7.6	5.4
SSW	.1	.3	.1	.1								1.2	5.4
SW	.6	.7	.4	.2								1.9	5.6
WSW	.2	.7	.5	.1								1.5	6.7
W	.5	1.5	.4	.6								3.0	6.5
WNW	1.3	.3	1.9	.7	.1							4.8	7.0
NW	1.1	.2	1.8	1.2								4.3	7.9
NNW	1.2	2.0	1.9	2.4								7.4	8.0
VARBL													
CALM												30.5	
	21.7	22.5	16.3	7.8	1.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 236 COLUMBUS AFB MS STATION NAME 70,73-81 YEARS FEB
 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	2.0	3.2	3.1	1.7	.2							10.2	6.9
NNE	.7	2.1	.9	.2								4.0	5.8
NE	.7	1.1	.4									2.1	4.8
ENE	1.5	.8	.2	.1								2.7	4.0
E	1.4	2.1	.7									4.3	4.5
ESE	1.2	2.7	.7									4.6	4.8
SE	2.2	2.2	2.2	.6	.1							9.0	6.0
SSE	1.5	1.9	2.6	.7	.4							7.1	7.1
S	3.0	4.3	3.4	1.5	.2							12.4	6.6
SSW	1.8	1.7	1.3	.2								5.0	5.4
SW	1.1	.9	.7	.7								3.4	6.4
WSW	.4	.7	.7	.8	.1							2.7	8.7
W	.7	1.1	1.8	1.5	.1							5.2	8.6
WNW	.5	1.1	2.0	2.1	.1							5.8	9.5
NW	.5	1.2	1.2	1.9	.1							4.8	9.0
NNW	.9	1.2	3.9	2.7								8.7	8.6
VARBL													
CALM												8.9	
	20.1	28.8	25.9	14.9	1.4							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 846

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

233 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS FEB MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (LST) CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.3	2.2	1.9	.4							9.3	7.4
NNE	1.1	1.3	.6	.2								3.2	5.0
NE	.9	.5										1.4	2.6
ENE	.6	.8	.1									1.5	4.1
E	.8	2.7	.6	.2								3.7	5.2
ESE	1.4	1.3	.6	.4	.1							3.8	5.5
SE	.8	1.3	1.5	.2								3.9	6.3
SSE	.5	2.4	2.4	1.8	.6							7.6	8.8
S	1.7	3.0	4.0	2.5	.2							11.3	7.9
SSW	1.5	1.7	1.7	.8	.1							5.8	6.9
SW	.7	1.7	1.1	.7								4.1	6.6
WSW	.6	.8	1.5	1.1	.1							4.1	8.8
W	1.5	1.8	2.7	2.1	.1							8.3	8.2
WNW	1.3	1.7	3.0	2.2	.4							8.5	8.5
NW	.8	1.9	3.0	1.3	.5							7.4	8.4
NNW	1.5	2.2	4.6	1.4	.2							10.0	7.8
VARBL													
CALM												5.9	
	17.8	27.1	29.6	16.9	2.7							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

236 STATION COLUMBUS AFB MS 70,73-81 YEARS FEB MONTH
 1500-1700 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	1.1	2.1	3.8	1.5	.5							9.0	8.2
NNE	.7	1.3	.1									2.1	4.2
NE	.5	1.1										1.5	3.8
ENE	.7	.6	.1									1.4	4.1
E	1.1	1.4	.4									2.8	4.3
ESE	.9	1.3	1.2		.4							3.8	6.5
SE	1.2	.4	1.3	.5	.1							3.4	7.2
SSE	1.2	3.4	3.3	1.2	.1	.1						9.3	7.0
S	1.8	3.0	3.9	1.9	.2							10.8	7.3
SSW	.9	1.5	2.0	.7								5.2	6.8
SW	.6	.7	.8	.4								2.5	6.6
WSW	.9	.7	1.2	.4								3.2	6.1
W	2.5	2.1	2.4	1.8	.1							8.9	6.8
WNW	1.4	2.1	2.6	2.7								8.9	8.1
NW	.7	2.5	2.8	2.8	.6							9.5	9.2
NNW	.7	4.5	4.0	1.8	.1							11.1	7.4
VARBL													
CALM												6.5	
	16.9	28.8	29.9	15.6	2.1	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

122305 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS FEB MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.2	3.5	.8	.4							10.5	6.5
NNE	.9	.7	.5									2.0	4.6
NE	.7	.4	.2									1.3	3.7
ENE	.8	.5	.2									1.5	3.9
E	1.4	1.3	.4									3.1	4.0
ESE	1.9	2.0	.6		.1							4.6	4.5
SE	1.5	3.5	1.1	.4								6.5	5.3
SSE	2.6	2.6	1.2	.7								7.1	5.4
S	1.3	1.8	1.4	.4	.1							5.0	5.9
SSW	.9	.4										1.3	2.5
SW	.8	.2	.1	.1								1.3	4.1
WSW	1.4	.4	.4	.1								2.2	4.5
W	1.5	1.3	.8	.4	.1							4.1	5.3
WNW	3.0	1.9	1.3	1.2	.1							7.4	5.9
NW	1.3	2.5	1.5	1.2	.1							6.6	7.0
NNW	.9	3.3	2.5	1.5	.2							3.5	7.6
VARBL													
CALM												26.7	
	23.8	25.9	15.7	6.7	1.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 846

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722306 COLUMBUS AFB MS 70,73-81 FEB 2100-2300
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	4.5	2.4	1.5	.2							11.2	6.3
NNE	1.1	.7	.1		.1							2.0	4.5
NE	.8	.4	.2									1.4	3.7
ENE	.7	.3	.1									1.7	3.4
E	.6	.3	.2	.2								2.1	5.0
ESE	1.3	2.1	.7									4.1	4.7
SE	2.8	3.3	1.2	.1								7.4	4.5
SSE	1.7	1.9	.8	1.1	.2							5.7	6.3
S	1.4	2.7	2.0	1.4								7.6	6.9
SSW	.7	.5										1.2	3.2
SW	.7	.5	.5	.1								1.8	5.3
WSW	.4	.2	.2	.2	.1							1.2	7.9
W	1.2	.9	.4	.2	.1							2.8	5.5
WNW	2.0	1.2	1.4	.4	.1							5.1	5.7
NW	.8	1.2	.7	.2								3.0	5.7
NNW	.9	2.1	3.7	1.4	.1	.1						8.4	8.0
VARBL													
CALM												33.3	
	20.0	23.9	14.7	7.0	1.1	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 846

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 7233 COLUMBUS AFB MS STATION NAME 70,73-81 YEARS FEB
 MONTH ALL
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.4	2.9	1.4	.3	.0						10.0	6.8
NNE	.9	1.2	.6	.1	.0							2.8	5.0
NE	.6	.5	.2	.0								1.4	4.1
ENE	.8	.7	.1	.0								1.6	3.9
E	1.3	1.3	.4	.1								3.0	4.2
ESE	1.8	1.6	.7	.1	.1							4.3	4.7
SE	2.0	2.2	1.2	.4	.0							5.9	5.4
SSE	1.3	2.1	1.8	1.0	.3	.0						6.6	7.3
S	1.9	3.0	2.9	1.1	.1							9.1	6.6
SSW	.9	1.1	.7	.3	.0							3.0	5.8
SW	.6	.7	.5	.3								2.1	6.0
WSW	.6	.6	.6	.5	.1							2.4	7.3
W	1.3	1.3	1.3	.9	.1							4.9	6.9
WNW	1.6	1.3	1.8	1.3	.1							6.1	7.4
NW	1.7	1.4	1.7	1.4	.2							5.6	8.0
NNW	1.0	2.4	3.1	1.7	.1	.0						8.4	7.8
VARBL													
CALM												22.7	
	19.9	24.8	20.4	10.7	1.4	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 6767

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 7233 6 STATION NAME COLUMBUS AFB MS YEARS 70,73-81 MONTH MAR
 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	3.4	2.6	2.0	1.2								9.2	5.6
NNE	1.4	1.0	.2									2.6	3.7
NE	.8	.9	.3									1.8	4.5
ENE	.6	.9	.2	.1								1.7	5.0
E	.9	.6	.5	.2	.1							2.4	6.0
ESE	1.8	2.4	.6	.6	.1							5.6	5.6
SE	1.5	1.8	1.1	.9	.2							5.5	6.5
SSE	1.1	2.7	2.2	.8	.2							6.9	7.0
S	1.0	4.9	6.3	1.9								14.1	7.5
SSW	1.2	.4	.2	.1								1.9	4.1
SW	.5	.2	.1	.1								1.0	4.9
WSW	.6	.6		.1								1.4	4.2
W	.5	1.2	.5	.5	.4							3.2	8.5
WNW	1.4	1.3	1.0	.2								3.9	5.3
NW	.8	.9	1.0	1.0	.3							3.9	6.4
NNW	1.8	1.4	1.5	.9								5.6	6.2
VARBL													
CALM												29.4	
	19.4	23.4	17.8	8.6	1.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1236
STATION

COLUMBUS AFB MS
STATION NAME

70, 73-81
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	3.2	2.3	1.1	1.1								7.6	5.4
NNE	1.2	1.3	.5									3.0	4.4
NE	.9	1.0	.2									1.9	3.8
ENE	.9	1.1	.1									2.0	3.8
E	1.8	1.0	.2	.5								3.5	4.8
ESE	3.7	1.4	1.6	.5								7.2	4.9
SE	2.8	1.3	.9	.6	.1							5.7	5.5
SSE	1.7	4.3	1.7	.8	.1							8.6	5.9
S	1.4	3.3	3.1	.6								8.9	6.3
SSW	.6	1.2	.4	.2								2.5	5.4
SW	.5	.8	.2	.1								1.6	5.0
WSW	1.3	.4	.2									1.9	3.7
W	1.3	1.5	1.3	.4								4.5	5.9
WNW	1.1	1.0	1.1	.5								3.7	6.1
NW	.6	2.0	1.8	.5	.2							5.3	7.2
NNW	.8	1.6	1.7	1.1								5.2	7.2
VARBL													
CALM												26.8	
	23.7	25.8	16.2	7.1	.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1233.6
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	3.1	.3								7.6	6.1
NNE	1.2	1.3	.3									2.8	3.9
NE	1.2	1.2	.2									2.6	3.9
ENE	.6	.8	.3									1.7	4.9
E	2.0	1.4	.9	.1								4.4	4.4
ESE	3.4	2.6	1.4	.9	.2							6.5	5.5
SE	3.1	3.7	1.8	.9	.1	.1						9.7	5.9
SSE	1.5	3.9	2.3	.3								8.0	5.8
S	1.4	2.9	3.4	.8								8.5	6.5
SSW	.5	1.1	1.0									2.6	5.4
SW	.8	.4	.2									1.4	4.2
WSW	.6	.9	.8			.1						2.4	6.1
W	.3	1.0	1.5	.4								3.2	7.4
WNW	.4	1.1	2.0	.3	.1							4.0	7.4
NW	.9	1.0	1.1	.9	.1							3.9	7.4
NNW	.6	1.9	2.6	1.6	.2							7.0	8.5
VARBL													
CALM												21.8	
	20.1	27.7	22.9	6.5	.8	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

1
2
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233.6
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

MAP
NUMBER

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.0	2.8	1.9	.3							9.0	8.1
NNE	.9	1.5	.9	.1	.1							3.5	5.7
NE	.6	1.2	.5									2.4	4.8
ENE	.5	1.3	1.0	.1								2.9	5.9
E	1.7	2.0	.6									4.4	4.4
ESE	2.2	2.5	1.6	.4	.3							7.0	6.0
SE	.6	2.6	2.4	2.4	.4	.1						8.5	8.8
SSE	1.3	2.0	3.2	1.6								8.2	7.5
S	1.8	3.8	5.3	2.8	.1							13.8	7.7
SSW	1.1	1.6	1.4	1.3								5.4	7.0
SW	.3	.9	.9	.9								2.9	7.7
WSW	.6	.9	1.0	.2								2.7	6.4
W	.4	1.5	2.0	1.5								5.5	8.5
WNW	.5	.8	1.4	2.6								5.3	9.4
NW	.6	.3	1.5	2.0	.3							4.8	9.8
NNW	1.4	1.4	3.0	1.5								7.3	7.6
VARBL													
CALM												6.5	
	15.7	27.3	29.5	19.4	1.6	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72336 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS MAR MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.4	2.5	1.4								8.4	7.0
NNE	.3	.4	1.0	.2								1.9	6.6
NE	.4	.2	.1									.8	3.6
ENE	.5	.4	.4	.1								1.5	5.5
E	1.1	1.1	1.1									3.2	5.2
ESE	1.3	1.9	1.2	.4	.1							4.9	5.7
SE	1.2	1.9	2.4	2.2	.5	.1						8.3	8.8
SSE	.6	1.9	3.0	2.9	.5							9.0	9.7
S	1.7	3.4	6.2	3.9	.4							15.7	8.5
SSW	1.0	1.8	2.2	1.0								5.9	7.0
SW	.3	1.1	1.1	.3								2.8	6.9
WSW	.6	.9	1.1	.9	.1							3.5	7.7
W	.9	1.4	2.3	1.7	.2							6.5	8.7
WNW	1.0	2.3	2.3	2.5	.4							8.4	8.7
NW	.3	1.1	1.3	2.3	.1							5.1	9.5
NNW	1.6	1.8	3.2	3.3	.3							10.3	8.6
VARBL													
CALM												3.8	
	14.0	25.2	31.2	23.0	2.8	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

120316
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

MAR
MONTH
 1500-1700
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	1.8	2.3	2.3	1.3								7.6	6.5
NNE	.6	1.0	.6	.1								2.4	5.6
NE	.1	.3	.1									.5	4.8
ENE	1.0	.4	.2									1.6	3.4
E	1.1	.9	.3	.2								2.5	4.9
ESE	.9	1.1	2.3	.5								5.1	7.0
SE	.2	2.6	2.5	1.7	.5							7.5	9.0
SSE	.5	2.9	3.4	2.2	.5							9.6	8.6
S	1.3	4.3	5.2	3.5	.3	.1						14.7	8.3
SSW	.5	.9	2.0	1.0								4.4	7.9
SW	.4	1.3	.4	.1								2.8	5.3
WSW	.6	1.7	1.5	.2								4.1	6.3
W	.8	1.6	1.7	1.2	.2							5.5	7.9
WNW	1.3	1.9	2.4	2.6								6.2	8.1
NW	.6	2.3	2.6	2.8	.3							8.6	8.8
NNW	.9	2.8	4.2	2.4	.2	.1						10.5	8.4
VARBL													
CALM												4.4	
	12.7	29.0	31.7	19.8	2.2	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723316
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.6	1.7	1.0								7.3	6.0
NNE	1.0	.9	.5	.1								2.5	4.9
NE	.6	.5	.3									1.5	4.7
ENE	1.0	.3	.4									1.7	4.1
E	1.2	1.1	.4	.2								2.9	4.9
ESE	1.7	2.1	.5	.4								4.7	4.5
SE	1.8	4.9	1.3	1.5	.2		.1					9.9	6.7
SSE	1.9	4.0	2.3	1.6	.5	.1						10.4	7.4
S	2.8	2.7	3.1	1.3	.1	.1						10.1	6.5
SSW	.9	1.2	.2									2.3	4.0
SW	.5	.4										1.0	3.6
WSW	1.5	.2	.1	.1								1.9	3.2
W	1.6	1.1	1.0	.4								4.1	5.4
WNW	1.1	1.4	2.0	.6	.2							5.4	6.9
NW	2.3	1.4	1.8	.5								6.0	5.6
NNW	1.7	2.7	2.3	.9								7.5	6.5
VARBL													
CALM												20.8	
	23.7	27.4	18.1	8.7	1.1	.2	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

1
2
3

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

1233 A STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS MONTH MAR
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	3.2	2.4	1.8	.6								6.7	4.9
NNE	.9	1.2	.8	.1								2.9	5.1
NE	.4	.5	.3									1.3	4.6
ENE	.8	.8	.2									1.7	4.0
E	1.2	1.1	1.0	.2	.2							3.7	6.4
ESE	1.7	1.9	.9	.4								4.9	5.2
SE	3.2	3.1	1.3	.4	.5							8.6	5.6
SSE	1.4	2.5	3.3	1.0	.4	.1	.1					8.8	7.8
S	1.8	3.0	4.6	2.2	.1	.1	.1					11.9	7.9
SSW	.3	.5		.2								1.1	5.9
SW	.6	.6	.1									1.4	3.8
WSW	.5	.2	.2	.1	.1							1.2	6.6
W	.8	.9	1.0	.4	.1							3.1	6.7
WNW	1.0	1.2	.9	.4	.1	.1						3.7	7.1
NW	1.4	1.4	.6	.5								4.0	5.4
NNW	.6	1.3	1.9	1.1	.2							5.2	8.2
VARBL													
CALM												27.8	
	20.5	22.6	18.9	7.7	1.8	.3	.2					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 72336 STATION NAME COLUMBUS AFB MS YEARS 70, 73-81 MONTH MAR
 CLASS ALL WEATHER HOURS (L & 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 - 53	≥ 56	%	MEAN WIND SPEED
N	2.2	2.7	2.2	1.1	.0							3.2	6.2
NNE	.9	1.1	.6	.1	.0							2.7	4.9
NE	.6	.7	.3									1.6	4.3
ENE	.7	.7	.4	.0								1.9	4.7
E	1.4	1.1	.6	.2	.0							3.4	5.1
ESE	2.1	2.0	1.3	.5	.1							6.0	5.5
SE	1.8	2.7	1.7	1.3	.3	.0	.0					8.0	7.1
SSE	1.3	3.0	2.7	1.4	.3	.0	.0					8.7	7.5
S	1.7	3.6	4.7	2.1	.1	.0	.0					12.2	7.6
SSW	.8	1.1	.9	.5								3.3	6.3
SW	.5	.8	.4	.2								1.9	5.6
WSW	.8	.7	.6	.2	.0	.0						2.4	5.8
W	.8	1.3	1.4	.8	.1							4.4	7.5
WNW	1.0	1.4	1.6	1.2	.1	.0						5.3	7.6
NW	.9	1.3	1.5	1.3	.2							5.2	7.8
NNW	1.2	1.9	2.6	1.6	.1	.0						7.3	7.8
VARBL													
CALM												17.6	
	18.7	26.1	23.3	12.6	1.5	.1	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7236 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS APR MONTH
 ALL WEATHER CLASS 3000-0200 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	0.0	.4	1.1	.1								3.7	4.5
NNE	.9	1.3	.2									2.4	3.9
NE	.6	.7	.1									1.3	4.2
ENE	.3	.2		.1								.7	5.0
E	.9	.7	.2									1.8	3.6
ESE	3.0	1.2	.6	.1								4.9	3.6
SE	.9	3.1	1.4	.9								6.3	6.2
SSE	.9	2.4	2.1	1.0								6.4	7.1
S	2.6	4.2	4.0	1.0								11.8	6.2
SSW	.7	.7	.6	.1								2.0	5.6
SW	.2	.2		.1								.6	5.8
WSW	.1	.1		.1								.3	7.0
W	.6	.9	.6	.1								2.1	5.9
WNW	.8	.9	.1	.6	.1							2.4	6.7
NW	1.1	.9	.4	.3								2.8	5.8
NNW	.9	1.0	.4	.7								3.0	6.4
VARBL													
CALM												47.4	
	16.3	19.0	11.9	5.2	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 128316 STATION NAME COLUMBUS AFB MS YEARS 70, 73-81 APP MONTH APR
 CLASS ALL WEATHER MONTHS (L.B.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	1.4	2.2	1.2	.2								5.1	5.1
NNE	.8	.4	.2									1.4	4.1
NE	.4	.6										1.0	3.8
ENE	.8	.4										1.2	2.9
E	1.1	1.0	.4									2.6	4.2
ESE	2.6	1.9	.7	.2								5.3	4.4
SE	3.3	3.1	1.1	.2								7.8	4.3
SSE	1.0	1.3	2.8	.6								5.7	6.7
S	3.3	3.2	2.8	.7								10.0	5.4
SSW	.3	.9	.1									1.3	4.3
SW	1.0	.3	.1									1.4	3.1
WSW	.6	.4	.3									1.3	4.9
W	.9	.8	.3	.1	.1							2.2	4.9
WNW	.6	.3	.7	.2	.1	.1	.1					2.1	9.2
NW	.6	1.0	.3	.3	.1							2.3	6.7
NNW	.9	.8	.3	.2		.1						2.3	5.9
VARBL													
CALM												46.8	
	19.6	18.8	11.4	2.8	.3	.2	.1					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1203 COLUMBUS AFB MS STATION NAME 70,73-61 YEARS APR MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-2800
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	1.3	.2								5.6	4.8
NNE	1.1	1.3	.6	.1								3.6	4.5
NE	1.3	.8	.4									2.6	4.1
ENE	.4	.4	.3									1.2	4.7
E	1.6	1.7	.3	.1								3.0	4.1
ESE	2.2	2.3	2.0	.2								6.8	5.2
SE	3.1	3.1	2.7	1.0	.1							10.0	5.9
SSE	1.7	2.4	2.7	.9								7.7	6.2
S	3.8	3.0	2.8	.6								10.1	5.1
SSW	1.9	1.0	.3	.1								3.3	3.5
SW	.8	.9	.4	.2								2.3	5.0
WSW	.7	1.2	.8	.1								2.8	5.1
W	.8	.4	.9	.4	.1							2.7	7.2
WNW	1.0	.7	.9	.4	.1	.1						3.2	7.6
NW	.9	.4	.7	.4	.2							2.7	7.3
NNW	.3	1.8	.3	.4	.1							3.0	6.9
VARBL													
CALM												29.6	
	23.3	23.6	17.4	5.3	.7	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 900

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

125306 STATION COLUMBUS AFB MS YEARS 70, 73-81 MONTH APR

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.6	2.3	.2								7.3	5.6
NNE	1.1	1.3	.2									3.1	4.4
NE	.9	.8	.7	.1								2.3	5.0
ENE	1.3	1.2	.7	.1								3.3	4.7
E	2.0	1.9	.7									4.6	4.1
ESE	2.0	1.3	1.3	.2								4.9	5.2
SE	1.9	2.2	3.6	1.0	.2							8.9	7.3
SSE	1.2	2.9	3.1	1.9	.1							9.2	7.7
S	2.6	3.9	4.1	3.2	.3							14.1	7.6
SSW	1.7	1.8	2.0	.4	.1							6.0	6.0
SW	.8	1.6	1.2	.1								3.7	5.5
WSW	1.2	.3	2.4	.4	.1							5.0	7.1
W	1.7	1.6	3.0	1.0	.4							7.7	7.8
WNW	.6	.9	2.0	.9	.1							4.4	8.1
NW	.1	.4	1.0	.7		.1						2.3	9.2
NNW	1.0	2.4	1.3	1.2	.1							6.1	7.0
VARBL													
CALM												7.0	
	22.1	28.0	29.7	11.6	1.6	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

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

1233 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS APP MONTH 1200-1400 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	1.2	2.3	1.4	.6								6.2	5.6
NNE	1.0	2.7	.1	.1								3.2	4.4
NE	.6	.4	.1	.1								1.2	4.7
ENE	.7	1.0	.4									2.1	4.4
E	1.6	1.3	.6	.3								3.8	4.9
ESE	1.4	.7	1.4	.1								3.7	5.4
SE	1.1	2.4	2.2	1.7	.1							7.6	7.5
SSE	1.6	1.7	3.7	2.7	.3	.1						10.0	8.7
S	2.2	2.7	5.0	3.7	.7	.1						14.3	8.7
SSW	1.4	2.9	2.3	.8	.1	.1						7.6	6.7
SW	.6	1.2	1.4	.1								3.3	6.4
WSW	1.0	.2	2.2	.8								4.2	7.6
W	1.1	1.4	2.1	1.6	.2							6.4	8.2
WNW	.6	1.7	3.6	2.0								8.0	8.5
NW	.4	1.2	2.7	1.1								5.4	8.0
NNW	1.3	1.1	1.8	1.3	.4							6.0	8.2
VARBL													
CALM												6.9	
	13.7	24.2	31.1	16.9	1.9	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

123376 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS APR MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.1	3.6	.3								7.8	6.7
NNE	1.2	1.0	.3	.2								2.8	4.6
NE	.3	.9	.2									1.4	4.8
ENE	1.0	.7	.2									1.9	3.8
E	.9	1.3	.1	.2								2.6	4.6
ESE	.7	1.3	1.2	.1								3.3	5.9
SE	1.4	2.0	1.9	1.6		.1						7.0	7.4
SSE	1.1	2.9	5.2	1.4	.1							10.8	7.6
S	2.9	4.0	4.9	2.8	.3							14.9	7.4
SSW	2.3	2.1	1.8	.3								6.6	5.1
SW	1.8	1.6	.7	.1								4.1	4.6
WSW	1.1	1.1	1.0	.4								3.7	6.0
W	1.8	1.0	1.8	1.7								6.2	7.5
WNW	.9	1.6	2.0	2.7	.2							7.3	8.8
NW	.8	2.3	2.0	1.9	.1							7.1	7.6
NNW	1.0	2.2	2.6	.9								6.7	6.7
VARBL													
CALM												5.9	
	20.0	29.1	29.4	14.7	.8	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 123316 STATION NAME COLUMBUS AFB MS YEARS 70,73-81 MONTHS APP
 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	1.9	2.7	1.0	.1								4.9	4.8
NNE	1.3	.7	.3									2.3	3.6
NE	.6	.8										1.3	3.4
ENE	.4	.4	.6									1.4	5.4
E	1.2	.7	.1	.1								2.1	3.9
ESE	1.7	3.0	.9		.1							5.7	4.7
SE	2.0	5.8	1.7	.6								10.0	5.3
SSE	2.8	2.9	1.2	.7	.2							7.8	5.6
S	2.7	2.8	2.0	.9	.2	.1						8.7	6.2
SSW	1.6	.9	.3									2.8	3.9
SW	.8	.7		.1								1.6	3.6
WSW	1.6	1.1	.4									3.1	4.0
W	2.2	1.1	.6	.2								4.1	4.3
WNW	1.8	1.2	1.9	.3		.1						5.3	5.9
NW	1.8	2.4	.9	.1								5.2	4.7
NNW	1.4	1.9	1.3	.4								5.1	5.5
VARBL													
CALM												28.6	
	25.6	28.3	13.2	3.6	.6	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723375 STATION COLUMBUS AFB MS 70,73-81 YEARS APP NORTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	.7	.2								3.4	5.3
NNE	.7	.7	.6									1.9	4.8
NE	1.0	.3	.1									1.4	3.4
ENE	.4	.1	.2	.1								.9	5.1
E	1.1	.8	.3	.1								2.3	4.3
ESE	1.6	1.9	.4									3.9	3.8
SE	1.9	4.7	1.4	.3								8.3	5.2
SSE	1.9	1.9	3.3	1.7	.1	.1						9.0	7.4
S	3.6	1.8	3.2	1.1	.1							9.8	5.9
SSW	1.2	.6	.3	.1								2.2	4.7
SW	.6	.3	.2	.2								1.3	5.3
WSW	.4	.3	.1									.9	3.5
W	1.0	.4	.2		.1							1.8	4.8
WNW	1.3	1.2	.3	.3	.2							3.4	5.6
NW	1.0	1.4	.4									2.9	4.0
NNW	.8	.9	.2	.3								2.2	5.5
VARBL													
CALM												44.2	
	12.6	18.8	12.2	4.6	.6	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

723376
STATION

COLUMBUS AFB MS
STATION NAME

70,73-61
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.0	1.6	.2								5.5	5.4
NNE	1.0	1.2	.3	.1								2.6	4.3
NE	.7	.7	.2	.0								1.6	4.2
ENE	.7	.5	.3	.0								1.6	4.5
E	1.3	1.1	.3	.1								2.8	4.3
ESE	1.9	1.7	1.1	.1	.0							4.8	4.7
SE	2.0	3.3	2.0	.9	.1	.0						8.2	6.1
SSE	1.5	2.3	3.0	1.3	.1	.0						8.3	7.2
S	2.9	3.2	3.6	1.7	.2	.0						11.7	6.8
SSW	1.4	1.3	1.0	.2	.0	.0						4.0	5.3
SW	.8	.8	.5	.1								2.3	5.0
WSW	.8	.7	.9	.2	.0							2.7	6.0
W	1.2	1.0	1.2	.6	.1							4.2	6.8
WNW	1.0	1.1	1.4	.9	.1	.0	.0					4.5	7.7
NW	.8	1.3	1.1	.6	.1	.0						3.8	6.7
NNW	1.0	1.5	1.0	.7	.1	.0						4.3	6.7
VARBL													
CALM												27.0	
	20.6	23.7	19.6	8.1	.8	.2	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 7200

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

SURFACE WINDS

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

7253.6 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS MAY MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	1.3	.1								4.5	5.1
NNE	1.2	1.2	.3									2.7	3.8
NE	.3	.4	.4									1.2	4.5
ENE	.7	.5		.1								1.3	4.3
E	1.2	.5	.1									1.9	3.2
ESE	2.7	1.1	.5									4.4	3.4
SE	4.6	3.3	.9	.2								8.9	3.9
SSE	1.4	3.1	1.7									6.2	5.3
S	1.9	3.9	1.1	.1								7.0	4.6
SSW	1.4	.5										2.0	2.4
SW	.5	.8	.1									1.4	3.8
WSW	.3	.8		.1								1.2	4.8
W	.2	.4	.4	.1								1.2	6.1
WNW	.5	.2	.2	.1								1.1	4.4
NW	.7	.2	.4									1.3	4.5
NNW	.7	.3	.4	.1								1.5	5.4
VARBL													
CALM												52.3	
	19.7	19.0	8.1	1.0								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 724306 STATION NAME COLUMBUS AFB MS YEARS 70, 73-81 MONTH MAY
 CLASS ALL WEATHER HOURS (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 - 53	≥ 56	%	MEAN WIND SPEED
N	2.4	2.8	.5	.2								6.0	4.3
NNE	1.2	.7	.1									2.0	3.3
NE	.7		.3									1.0	3.4
ENE	.5	.1	.2									.9	3.8
E	1.3	1.4	.1									2.8	3.5
ESE	2.8	1.6	.7	.1								5.2	3.8
SE	2.1	3.1	1.3	.1								6.6	4.6
SSE	2.5	1.2	2.0									5.6	4.8
S	2.5	2.5	1.1	.3								6.4	4.8
SSW	1.1	.5										1.6	2.5
SW	.4	.3										.8	3.0
WSW	.9	.1										1.0	2.3
W	1.0	1.0	.3	.1								2.4	4.5
WNW	.7	.4	.2		.1							1.4	5.6
NW	1.1	1.1	.3									2.5	4.0
NNW	.9	.9	.7	.2								2.6	5.9
VARBL													
CALM												51.2	
	21.9	17.8	7.8	1.1	.1							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 921

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12.3 JF COLUMBUS AFB MS 70,73-81 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER 3600-0800
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	2.4	2.5	1.5	.2								6.6	4.9
NNE	1.6	1.4	.6	.1								3.8	4.4
NE	1.0	.8	.1									1.8	3.4
ENE	1.6	.8	.4									2.8	3.6
E	2.3	1.8	.5	.1	.1							4.9	4.3
ESE	3.6	2.1	1.6	.1								7.4	4.2
SE	3.1	2.5	1.7	.3								7.7	4.8
SSE	2.4	2.8	2.1	.3								7.6	5.3
S	3.0	4.4	2.3	.2								9.9	4.9
SSW	2.3	.5	.9	.1								3.8	4.0
SW	1.1	1.0	.3									2.4	3.7
WSW	.9	.4	.5	.1								1.9	5.1
W	.8	1.6	.2	.1								2.7	4.7
WNW	.9	.9	.5	.2								2.5	5.3
NW	1.3	1.1	.3	.1								2.8	4.2
NNW	1.9	1.6	1.2	.2								5.0	5.1
VARBL													
CALM												26.5	
	30.1	26.2	14.9	2.3	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

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

2336
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.6	2.8	.6								8.8	6.0
NNE	1.4	1.6	.8	.3								4.1	5.5
NE	.6	1.3	.5	.3								2.8	6.1
ENE	1.9	1.1	.1									3.1	3.2
E	1.8	3.0	.9	.1								5.8	4.7
ESE	1.5	2.2	1.4	.4								5.5	5.5
SE	1.4	2.0	2.3	.3								6.0	6.0
SSE	2.2	3.6	3.6	1.0								10.2	6.4
S	4.1	5.0	3.7	1.4								14.1	5.7
SSW	1.5	1.9	1.6	.2								5.3	5.7
SW	1.5	2.2	1.1	.2								5.0	5.3
WSW	1.7	2.7	.8	.3	.1							5.0	5.3
W	1.4	1.5	.5	.3	.2							4.0	5.5
WNW	1.4	1.5	1.5	.1								4.5	5.1
NW	.9	1.6	.5	.2								3.2	5.4
NNW	1.2	2.2	1.1	.4	.2							5.1	6.4
VARBL													
CALM												7.3	
	26.4	36.2	23.1	6.4	.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/4AC

SURFACE WINDS

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

2334
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.4	3.6	.3								10.1	5.9
NNE	.9	1.4	.9	.1								3.2	5.5
NE	1.0	.9	.8									2.6	5.0
ENE	1.6	1.6	.5	.2								4.0	4.6
E	1.7	1.3	1.2									3.5	5.4
ESE	1.3	1.9	1.4	.2								4.9	5.5
SE	1.1	1.5	2.5	1.1								6.1	7.2
SSE	1.7	2.9	3.8	1.0								9.4	6.9
S	2.8	5.1	5.4	1.6								14.9	6.5
SSW	2.2	2.4	3.2	.3	.1							8.2	6.0
SW	1.3	1.9	1.0	.4								4.5	5.9
WSW	1.1	1.0	1.4	.1								3.6	5.7
W	1.5	2.8	1.1	.2								5.6	5.4
WNW	1.4	2.2	.6	.6	.2							5.1	6.2
NW	.8	1.4	1.2	.6								4.0	6.4
NNW	.9	2.9	1.9	.5	.1							6.4	6.7
VARBL													
CALM												4.0	
	22.2	35.5	30.4	7.4	.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 72306 COLUMBUS AFB MS STATION NAME: 70.73-81 YEARS: MAY
 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	1.8	4.5	2.9	1.1								10.4	6.3
NNE	1.2	1.8	1.1	.2								4.3	5.2
NE	.9	1.4	1.1	.1								3.5	5.6
ENE	.9	.9	.4	.1								2.3	4.7
E	1.2	2.2	1.1	.1								4.5	4.9
ESE	1.3	1.5	1.0	.3								4.1	5.6
SE	1.7	2.2	2.4	.6								6.9	6.3
SSE	2.4	2.6	5.1	1.4								11.5	6.9
S	2.5	3.1	2.9	1.3								9.8	6.1
SSW	2.1	2.5	1.3	.1	.1							6.1	4.9
SW	1.3	1.9	.5									3.8	4.7
WSW	1.1	1.6	1.1	.4								4.2	5.9
W	1.7	2.2	1.6	.4								6.0	5.6
WNW	1.2	1.9	1.1	.8								5.0	6.2
NW	1.1	2.1	2.1	.4								5.6	6.1
NNW	.9	3.0	1.9	1.0	.1							6.9	6.9
VARBL												5.1	
CALM												5.1	
	23.2	35.5	27.6	8.4	.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 924

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

727355 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS MAY MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.8	1.8	.2								8.0	4.6
NNE	2.4	1.2	.2	.1								3.9	3.8
NE	1.2	.9	.3									2.4	3.9
ENE	1.1	.4	.2									1.7	3.5
E	2.9	1.7	.5	.2								5.4	4.0
ESE	3.5	1.6	.8									5.9	3.7
SE	2.5	6.7	.8	.1								9.3	4.5
SSE	2.4	3.0	1.7	.2								7.4	5.0
S	3.7	2.4	.9	.2								7.2	4.0
SSW	2.1	.4	.2									2.7	2.7
SW	.9	.4	.2									1.5	3.6
WSW	1.3	.4	.5									2.3	3.9
W	1.0	1.3	.3									2.6	3.8
WNW	1.2	.5	.5	.4								2.7	5.4
NW	2.1	.3	.1	.1								3.0	3.2
NNW	2.9	1.6	.5	.2	.1							5.4	4.1
VARBL													
CALM												28.4	
DIR.	34.2	25.7	9.8	1.8	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 920

JOINT CLIMATOLOGY BRANCH
 AFCECTAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 12386 COLUMBUS AFB MS STATION NAME 7073-81 YEARS
 MONTH MAY
 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	2.2	1.4									6.2	4.6
NNE	.9	1.1	.2									2.2	4.0
NE	.7	1.2	.1									2.0	3.7
ENE	1.0	.1	.1									1.2	3.2
E	1.1	1.2	.1									2.4	3.6
ESE	3.2	2.5	.7									6.3	3.7
SE	3.7	5.0	1.0	.4								10.1	4.5
SSE	2.2	2.6	1.9	.3								7.0	5.4
S	1.9	1.5	1.1	.2								4.7	5.0
SSW	1.2	.7										1.9	2.7
SW	.4	.1										.5	2.6
WSW	.7	.3										1.0	2.8
W	.4	.4		.4								1.3	6.7
WNW	.5	.3	.5	.1								1.5	5.7
NW	.8	.2	.4									1.4	4.5
NNW	1.1	.3	.3	.2								2.0	4.8
VARBL													
CALM												48.4	
	22.2	19.8	7.8	1.7								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF WEATHER SERVICE/MAC

SURFACE WINDS

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

72300
STATION

COLUMBUS AFB MS
STATION NAME

70, 73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L E V)

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.1	2.0	.4								7.6	5.4
NNE	1.3	1.3	.5	.1								3.3	4.6
NE	.8	.9	.5	.1								2.2	4.7
ENE	1.2	.7	.3	.1								2.2	3.9
E	1.6	1.7	.6	.1	.0							3.9	4.3
ESE	2.5	1.8	1.0	.1								5.4	4.4
SE	2.5	3.2	1.6	.4								7.7	5.1
SSE	2.1	2.7	2.7	.5								6.1	5.9
S	2.8	3.5	2.3	.7								9.3	5.4
SSW	1.7	1.2	.9	.1	.0							3.9	4.6
SW	.9	1.1	.4	.1	.0							2.5	4.7
WSW	1.0	.9	.5	.1	.0							2.5	5.0
W	1.0	1.4	.6	.2	.0							3.2	5.2
WNW	1.0	1.0	.7	.3	.0							3.0	5.7
NW	1.1	1.1	.7	.2								3.0	5.1
NNW	1.3	1.6	1.0	.4	.1							4.4	5.8
VARBL													
CALM												27.8	
	25.0	27.0	16.2	3.8	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 7380

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 283 COLUMBUS AFB MS STATION NAME: 70,73-81 YEARS: JUN
 MONTH: JUN
 CLASS: ALL WEATHER HOURS (LST): 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 - 54	≥ 56	%	MEAN WIND SPEED
N	2.7	1.0	.2									3.9	3.0
NNE	1.7	.1	.2									2.0	2.9
NE	.3	.1										.4	2.3
ENE	.6	.1										.7	2.5
E	1.8	.6	.1									2.4	2.9
ESE	2.9	.9	.1									3.9	2.7
SE	5.8	3.1	.4									9.3	3.2
SSE	3.7	2.1	1.2	.1								7.1	4.1
S	4.2	2.9	.8									7.9	3.7
SSW	1.6	.7	.1									2.3	3.1
SW	.8	.6										1.3	3.2
WSW	.7	.2	.2	.1								1.2	4.5
W	2.0	.2		.1								2.3	2.9
WNW	.1	.2	.1		.1							.6	7.6
NW	1.2					.1						1.3	3.6
NNW	2.0	.6										2.6	2.3
VARBL													
CALM												50.7	
	31.9	13.3	3.6	.3	.1	.1						100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 7203 STATION NAME COLUMBUS AFB MS YEARS 70,73-81 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	3.2	2.2	.3									5.8	3.5
NNE	.9											.9	2.3
NE	.2	.1										.3	3.3
ENE	.7											.7	1.8
E	1.3	.7	.2									2.2	3.6
ESE	2.9	1.1		.1								4.1	2.7
SE	5.7	1.8	.3									7.8	2.9
SSE	3.9	1.4	.2									5.6	3.0
S	3.9	2.1	1.0	.2								7.2	3.9
SSW	1.4	1.2										2.7	3.0
SW	1.3	.1										1.4	2.5
WSW	.4	.1										.6	3.0
W	1.3	.3										1.7	2.4
WNW	.1	.2										.3	3.7
NW	.8	.1										.9	2.0
NNW	1.0	.4										1.4	2.7
VARBL													
CALM												56.4	
	29.1	12.0	2.1	.3								100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 23376 STATION NAME: COLUMBUS AFB MS YEARS: 70, 73-81 MONTH: JUN
 CLASS: ALL WEATHER HOURS (L & Y.): 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	2.4	1.1									7.2	4.1
NNE	2.0	1.2	.3									3.6	3.4
NE	1.2	.7	.1									2.0	3.4
ENE	.9	.7	.1									1.7	3.6
E	2.8	1.2	.1	.1								4.2	3.3
ESE	2.1	1.4	.4	.1								4.1	3.9
SE	2.9	2.6	1.2									6.7	4.1
SSE	4.1	2.6	.9	.1								7.7	3.8
S	4.6	4.3	.9	.1								9.9	3.9
SSW	3.6	2.6	.6	.1								6.8	3.5
SW	2.1	1.9	1.0									5.0	4.4
WSW	1.7	2.3	.3									4.3	4.3
W	1.3	2.2	.3									3.9	4.1
WNW	.9	.4										1.3	3.0
NW	.4	.7	.3									1.4	4.6
NNW	1.2	.4	.1									1.8	3.1
VARBL													
CALM												28.4	
	35.4	27.7	7.9	.6								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

1
2
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233-6 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JUN MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	3.3	1.7	.3								8.7	4.8
NNE	1.7	1.1	.3	.4								3.6	4.8
NE	1.2	1.2	.4									2.9	4.2
ENE	1.4	.7										2.1	3.0
E	1.1	1.1	.4									2.7	4.0
ESE	1.6	.9	.9	.2								3.6	5.1
SE	1.3	2.1	1.3	.6								5.3	5.8
SSE	2.3	2.2	2.2	.1								6.9	5.3
S	5.3	4.1	2.9	.3								12.7	4.8
SSW	3.4	2.8	2.1	.3								6.7	4.9
SW	1.8	1.8	1.1	.1								4.8	4.8
WSW	1.8	3.6	2.3	.2								7.9	5.4
W	2.1	3.6	2.6	.3								8.6	5.5
WNW	.9	3.0	1.1									5.0	5.3
NW	.4	1.9	1.0	.1								3.4	5.6
NNW	.9	2.0	1.6	.2								4.7	5.7
VARBL													
CALM												8.7	
	30.7	35.3	22.0	3.3								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1253 16 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS JUN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.2	3.1	.6								8.4	6.2
NNE	1.7	1.8	1.1	.1								4.7	5.0
NE	1.3	.8	.2	.1								2.4	4.2
ENE	1.0	1.6	.3	.1								3.2	4.8
E	1.7	1.4	1.1	.1								4.3	4.5
ESE	1.0	1.1	.3	.2								2.7	4.9
SE	1.2	1.8	1.6	.3								4.9	5.7
SSE	1.9	2.7	2.1	.1								6.8	5.4
S	2.8	5.2	3.2	.7	.1							12.0	5.6
SSW	2.6	3.1	1.0	.1								6.8	4.4
SW	1.8	2.7	2.0	.1								5.9	5.0
WSW	1.4	2.3	2.4	.3								6.6	5.9
W	2.2	3.2	3.7	.1								9.2	5.5
WNW	1.7	2.1	2.0	.4								6.2	5.8
NW	.8	2.2	1.1	.4								4.6	5.9
NNW	1.9	2.3	2.3	.3								6.8	5.7
VARBL													
CALM												4.6	
	26.6	36.9	27.7	4.2	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72-36 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JUN MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	4.6	2.9	.7								10.9	5.6
NNE	1.3	1.6	1.6	.1								4.6	5.4
NE	1.2	.9	.2	.1								2.4	4.1
ENE	2.2	1.0	.7	.1								4.0	4.1
E	1.3	1.1	.4		.1							3.0	4.8
ESE	1.2	.9	1.1	.3								3.6	5.6
SE	1.1	3.0	2.1	.1								6.3	5.5
SSE	1.0	3.1	2.9	.4								7.4	6.2
S	2.9	3.6	3.3	.3								10.3	5.5
SSW	2.1	3.1	1.3	.1								6.7	4.8
SW	1.4	2.7	1.3									5.4	5.1
WSW	1.1	2.9	1.8	.2								6.0	5.7
W	2.3	2.4	1.9	.3								7.0	5.3
WNW	1.3	2.1	.9	.2								4.6	5.2
NW	1.2	1.7	1.6									4.4	5.6
NNW	2.2	2.7	2.1	.1								7.1	5.1
VARBL													
CALM												6.2	
	26.9	37.4	26.1	3.2	.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723376
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	2.2	1.6									7.7	4.1
NNE	2.1	1.8	.2	.1								4.2	3.8
NE	1.7	.7	.1									2.4	3.0
ENE	.8	.8	.1									1.7	3.7
E	2.4	1.7	.2									4.3	3.5
ESE	2.2	2.2	.2		.1							4.8	4.0
SE	3.6	3.4	1.1	.1								8.2	4.1
SSE	2.8	2.4	1.2	.2								6.7	4.7
S	4.1	3.1	.8	.2								8.2	4.0
SSW	3.2	1.2	.1	.1								4.7	3.1
SW	2.3	1.7	.6									4.6	3.8
WSW	1.4	.8										2.2	3.0
W	1.2	1.2		.1								2.6	3.8
WNW	.9	.6										1.4	3.3
NW	1.6	1.2	.2	.1								3.1	3.5
NNW	1.9	1.3	.7	.1								4.0	4.5
VARBL													
CALM												29.2	
	36.1	26.3	7.1	1.1	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 7233 COLUMBUS AFB MS YEARS 70, 73-81 MONTH JUN
STATION NAME CLASB CONDITION HOUBS (L.S.T.)
ALL WEATHER 2100-2300

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	.3	.6	.1								4.1	3.8
NNE	1.1	.8	.1									2.0	3.2
NE	.8	.2	.1									1.1	3.3
ENE	1.7	.4										2.1	2.7
E	1.3	.9	.1									2.3	3.3
ESE	3.0	1.3	.2									4.6	3.0
SE	3.1	5.2	1.1	.1								11.6	4.0
SSE	3.2	2.4	1.0	.1								6.8	3.9
S	3.8	2.4	1.1									7.3	3.9
SSW	1.1	.2	.3									1.7	3.5
SW	.7		.2									.9	3.4
WSW	.8	.2	.1	.1								1.2	4.3
W		.1	.1									.2	5.5
WNW	.4		.1									.6	3.0
NW	1.8	.2										2.0	2.2
NNW	.7	.4										1.1	3.3
VARBL													
CALM												50.4	
	28.1	15.8	5.2	.4								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1203.6 COLUMBUS AFB MS STATION NAME 70.73-81 YEARS
 MONTH JUN
 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	3.0	2.4	1.4	.2								7.1	4.6
NNE	1.6	1.2	.5	.1								3.2	4.2
NE	1.0	.6	.2	.0								1.8	3.7
ENE	1.2	.7	.2	.0								2.0	3.7
E	1.7	1.1	.3	.0	.0							3.2	3.8
ESE	2.1	1.2	.4	.1	.0							3.9	3.9
SE	3.3	2.7	1.2	.2								7.5	4.2
SSE	2.9	2.4	1.5	.2								6.9	4.6
S	3.9	3.5	1.8	.2	.0							9.4	4.5
SSW	2.4	1.9	.7	.1								5.0	4.1
SW	1.5	1.3	.8	.0								3.7	4.4
WSW	1.2	1.6	.9	.1								3.8	5.1
W	1.6	1.7	1.1	.1								4.4	4.9
WNW	.8	1.1	.5	.1	.0							2.5	5.1
NW	1.0	1.0	.5	.1		.0						2.7	4.7
NNW	1.5	1.3	.8	.1								3.7	4.7
VARBL													
CALM												29.3	
	30.6	25.6	12.7	1.7	.1	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

120306
STATION

COLUMBUS AFB MS
STATION NAME

70, 73-81
YEARS

JUL
MONTH
 0000-0200
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	.5										2.3	2.5
NNE	.6	.5	.1		.2							1.5	5.9
NE	1.0	.1										1.1	2.0
ENE	1.3	.2	.1									1.6	2.4
E	2.2	.8	.3	.2								3.4	3.8
ESE	3.3	.9	.1	.1								4.4	2.6
SE	4.5	1.5	.3	.1								6.5	3.2
SSE	3.3	1.2	.4									4.9	3.3
S	3.4	2.5	.2	.1	.2							6.5	3.9
SSW	.8	.5										1.3	2.8
SW	1.4											1.4	2.4
WSW	1.2	.1										1.3	2.1
W	1.6	.2										1.8	2.1
WNW	.4	.3										.8	2.9
NW	.6	.2										.9	2.4
NNW	1.0	.1	.1									1.2	3.2
VARBL													
CALM												59.2	
	28.4	9.7	1.7	.5	.4							100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 12 300 STATION NAME COLUMBUS AFB MS YEARS 70, 73-81 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 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	.9	.1									3.5	2.7
NNE	.6	.4										1.1	3.0
NE	.6	.2										.9	2.6
ENE	1.1	.2	.2									1.5	3.1
E	1.6	.4	.3									2.4	3.3
ESE	2.5	.6	.1									3.2	2.7
SE	4.9	2.3										7.2	2.9
SSE	2.6	1.6										4.2	2.8
S	3.4	1.6	.2	.2								5.5	3.2
SSW	.5	.3	.1									1.0	3.4
SW	.4	.2										.6	3.0
WSW	1.2	.3										1.5	2.5
W	1.6	.2										1.8	1.9
WNW	.5	.1										.6	2.2
NW	.6	.3										1.0	2.6
NNW	1.0	.5										1.5	3.1
VARBL													
CALM												62.5	
	25.9	10.3	1.1	.2								100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

7236 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JUL MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	2.7	.3									5.8	3.2
NNE	2.3	.4										2.5	2.3
NE	1.8	.3										2.2	2.4
ENE	1.1	.4										1.5	2.8
E	1.8	1.4	.6	.2								4.2	4.6
ESE	2.7	1.7	1.0	.2								5.6	4.5
SE	4.0	1.8	.1	.1								6.0	3.2
SSE	4.2	2.2	.3									6.7	3.2
S	5.2	2.5	.2									7.9	3.0
SSW	2.7	1.1	.1									3.9	2.9
SW	2.7	.8	.2	.1								3.8	3.1
WSW	1.7	1.1	.3	.1								3.2	4.1
W	3.8	1.7	.1									4.6	3.1
WNW	2.2	1.2										3.3	3.0
NW	2.0	.9	.1									3.0	3.0
NNW	1.6	.4										2.0	2.7
VARBL													
CALM												32.8	
	42.9	19.9	3.6	.8								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

12306
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	4.6	1.0	.3								9.7	4.3
NNE	2.5	1.2	.4									4.1	3.4
NE	.5	.3	.2									1.1	3.9
ENE	1.3	1.2	.2									2.7	3.7
E	2.5	1.1	.6	.3	.1							4.6	4.8
ESE	1.5	1.1	.2	.3	.1							3.2	5.1
SE	2.0	1.9	1.0	.1								5.1	4.8
SSE	1.9	2.6	1.0									5.5	4.4
S	3.9	3.9	.8									8.5	3.8
SSW	3.2	1.6	1.1									5.9	3.9
SW	3.1	2.0	.6									5.8	3.6
WSW	2.9	2.0	1.5	.1								6.6	4.6
W	3.4	4.4	1.7									9.6	4.4
WNW	3.1	2.9	1.1	.1								7.2	4.2
NW	1.8	2.3	.8									4.8	4.3
NNW	2.6	2.3	.5									5.4	3.8
VARBL													
CALM												10.3	
	42.1	35.4	12.7	1.3	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

120315 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JUL MONTH

ALL WEATHER

1200-1400

CLARE

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	4.5	1.5	.3								9.9	4.6
NNE	1.4	2.7	.8		.1							4.9	4.8
NE	.8	1.2	.2									2.2	4.4
ENE	1.1	.5	.2	.2								2.0	4.5
E	1.4	1.5	.3	.2	.3							3.8	5.7
ESE	1.0	1.0	.8	.6	.1							3.4	7.0
SE	1.1	1.8	1.0	.1								4.0	5.2
SSE	1.7	1.7	.9	.1								4.4	4.6
S	3.2	2.9	1.5									7.6	4.4
SSW	2.8	3.2	.3									6.3	3.7
SW	1.6	1.6	.8	.1								4.1	4.6
WSW	3.2	3.9	1.9	.2								9.2	4.8
W	3.2	4.3	2.2	.3								10.0	5.1
WNW	2.6	3.7	2.0	.2								8.5	5.0
NW	1.4	3.5	1.2									6.1	4.9
NNW	2.4	3.5	1.9	.3								8.2	5.1
VARBL													
CALM												5.3	
	32.4	41.6	17.4	2.8	.5							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 122316 STATION NAME COLUMBUS AFB MS YEARS 70, 73-81 MONTH JUL
 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	2.2	5.7	2.6	.5	.1							11.1	5.7
NNE	1.7	2.7	.5	.2	.1							5.3	4.9
NE	1.1	.8	.2	.2								2.3	4.4
ENE	.8	1.1	.6	.4								2.9	6.4
E	1.2	1.4	.6	.4								3.7	6.0
ESE	.6	1.1	1.0	.6	.1							3.4	7.7
SE	1.2	2.0	1.3	.5	.1							5.2	6.0
SSE	1.8	1.8	1.0	.1								4.7	4.8
S	4.2	5.4	1.5									11.1	4.3
SSW	2.4	2.4	.6	.2	.1							5.7	4.7
SW	1.6	1.7	.8	.1								4.2	4.5
WSW	2.0	2.6	1.5	.1								6.2	5.0
W	3.1	4.5	1.2	.2								9.0	4.7
WNW	2.0	3.0	2.7	.1								7.8	5.4
NW	.8	2.3	.9	.1								4.5	5.2
NNW	1.4	2.7	1.9	1.0	.1							7.1	6.6
VARBL													
CALM												5.8	
	28.1	41.6	18.9	4.9	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 122306 STATION NAME COLUMBUS AFB MS YEARS 70, 73-81 MONTH JUL
 CLASS ALL WEATHER MONTHS (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	4.1	2.2	.5	.1								6.9	3.7
NNE	1.9	.9	.2	.3								3.3	4.0
NE	1.6	.5	.1									2.3	3.1
ENE	1.5	.4	.3	.2								2.5	4.0
E	3.2	.9	.5	.1								4.7	3.5
ESE	2.0	1.7	.4	.2								4.4	4.0
SE	2.0	2.5	1.0	.4								5.9	5.1
SSE	2.4	2.3	.9									5.5	4.3
S	6.1	2.7	1.3									10.1	3.5
SSW	2.6	1.3	.1									4.0	3.2
SW	1.7	.8	.3	.2								3.0	3.9
WSW	2.9	1.6	.1									4.6	3.2
W	2.3	1.3	.1		.1							3.8	3.5
WNW	2.2	1.2	.1									3.4	3.3
NW	1.9	1.5	.1	.1	.1							3.8	4.1
NNW	1.7	.9	.3	.2								3.1	4.6
VARBL													
CALM												28.7	
	40.2	22.5	6.5	1.9	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723306
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.9	.1	.2								2.9	4.0
NNE	1.2	.2	.1									1.5	3.0
NE	1.4	.2	.1									1.7	2.4
ENE	1.2	.1	.1									1.4	2.5
E	1.6	.4	.9	.1								3.0	4.6
ESE	3.2	.9	.4									4.5	3.3
SE	3.0	2.8	1.0	.3	.1							7.2	4.5
SSE	1.8	1.9	.6		.2	.1						4.7	5.1
S	3.9	1.8	.5									6.2	3.3
SSW	1.6	1.2		.1								2.9	3.5
SW	1.4	.5										1.9	2.9
WSW	.9	.4										1.3	3.1
W	1.6	.5										2.2	2.5
WNW	1.0	.1										1.1	2.3
NW	1.0	.3										1.3	2.5
NNW	1.0	.2										1.2	2.8
VARBL													
CALM												54.9	
	27.4	12.6	3.9	.8	.3	.1						100.0	1.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723336
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.7	.8	.2	.0							6.5	4.2
NNE	1.5	1.1	.3	.1	.1							3.0	4.1
NE	1.1	.5	.1	.0								1.7	3.3
ENE	1.2	.5	.2	.1								2.0	4.0
E	1.9	1.7	.6	.2	.1							3.7	4.6
ESE	2.1	1.1	.5	.3	.0							4.0	4.5
SE	2.8	2.1	.7	.2	.0							5.9	4.2
SSE	2.5	1.9	.6	.0	.0	.0						5.1	4.0
S	4.2	2.9	.8	.0	.0							7.9	3.7
SSW	2.1	1.5	.3	.0	.0							3.9	3.7
SW	1.7	1.0	.3	.1								3.1	3.7
WSW	2.0	1.5	.7	.1								4.2	4.2
W	2.6	2.2	.7	.1	.0							5.5	4.1
WNW	1.7	1.6	.7	.1								4.1	4.4
NW	1.3	1.5	.4	.0	.0							3.2	4.2
NNW	1.6	1.3	.6	.2	.0							3.7	4.7
VARBL													
CALM												32.5	
	33.2	24.2	8.2	1.7	.3	.0						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 72306 STATION NAME COLUMBUS AFB MS YEARS 70,73-81 MONTHS AUG
 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	3.3	2.3		.1								5.7	3.3
NNE	1.0											1.0	2.1
NE	.6											.6	2.0
ENE	.8											.8	2.0
E	2.8	.6										3.4	2.6
ESE	4.4	1.5	.2									6.1	2.8
SE	4.6	1.4	.2	.3								6.6	3.2
SSE	3.7	1.8	.1	.1								5.7	3.1
S	4.1	1.6	.1	.1								5.9	3.1
SSW	.9	.3										1.2	3.0
SW	.6											.6	1.8
WSW	.2											.2	1.0
W		.1										.1	4.0
WNW	.3	.1										.4	2.8
NW	.4	.1										.5	2.2
NNW	1.3	.8										2.0	3.1
VARBL													
CALM												59.0	
	29.1	10.7	.6	.6								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72331 STATION COLUMBUS AFB MS STATION NAME 7073-81 YEARS MONTH AUG
 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	5.1	1.4	.2									7.1	2.8
NNE	2.0	.2										2.3	2.0
NE	.3											.3	1.0
NNE	.8	.1										.9	1.9
E	1.7	.4										2.2	2.4
ESE	3.9	.9	.1									4.8	2.5
SE	5.5	1.2		.3								7.0	2.9
SSE	1.8	1.0	.3									3.1	3.5
S	2.8	1.4										4.2	2.7
SSW	.4	.2										.6	2.7
SW	.4											.4	1.8
WSW	.1											.1	2.0
W	.4	.1										.5	2.4
WNW	.4	.1										.5	3.0
NW	1.0											1.0	2.0
NNW	2.0	.4										2.5	2.3
VARBL													
CALM												62.5	
	28.7	7.8	.6	.3								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233.6 STATION COLUMBUS AFB MS 70.73-81 YEARS AUG MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	3.0	1.0									7.6	3.7
NNE	2.6	.6	.4									3.7	2.8
NE	1.5											1.5	1.9
ENE	1.3	.3										1.6	2.3
E	3.2	.9	.1									4.2	2.5
ESE	5.9	1.9	.6									8.5	3.1
SE	4.3	2.8	.5	.3								8.0	4.0
SSE	3.5	1.9	.2									5.7	3.0
S	4.1	1.9	.3									6.3	3.1
SSW	3.1	1.2	.1									4.4	2.5
SW	1.5	.5	.1									2.2	2.8
WSW	.8	.3	.2									1.3	3.5
W	1.3	.8	.1									2.2	3.5
WNW	.8	.2										1.0	2.4
NW	.5	.3										.9	2.8
NNW	1.8	.9										2.7	3.0
VARBL													
CALM												38.4	
	39.9	17.6	3.8	.3								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

720316 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS AUG NORTH
 0900-1100 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	3.3	1.8	.3								9.8	4.5
NNE	2.3	1.7	.2									4.2	3.5
NE	1.2	.8	.3									2.3	3.5
ENE	1.5	.8	.4									2.7	3.9
E	2.9	1.6	.2	.1								4.8	3.3
ESE	2.2	2.2	1.0	.1								5.4	4.2
SE	2.2	2.0	.6	.2								5.1	4.3
SSE	4.4	2.9	.6	.2								8.2	3.8
S	5.5	3.5	1.4									10.4	3.7
SSW	2.5	3.1	.3	.1								6.0	3.8
SW	2.2	1.7	.6	.1								4.6	4.0
WSW	3.0	1.8	.8									5.6	3.9
W	3.2	2.3	.8									6.2	3.7
WNW	2.2	1.2	.4									3.8	3.5
NW	2.6	1.0	.2									3.8	3.0
NNW	2.0	2.6	.1	.1								4.8	3.8
VARBL													
CALM												12.4	
	44.0	32.5	9.9	1.3								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12336 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS AUG MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	4.3	2.8	.5								10.6	5.5
NNE	1.7	1.5	1.1	.1								4.4	4.8
NE	.8	1.2	.1	.1								2.2	4.4
ENE	1.9	1.3	.2	.1								3.5	3.6
E	1.4	1.1	.5	.1								3.1	4.3
ESE	2.2	1.9	1.1	.1								5.3	4.6
SE	1.8	1.9	.6	.3								4.7	4.7
SSE	2.6	2.0	.9	.3								5.8	4.7
S	2.9	4.0	2.2	.2								9.2	5.0
SSW	2.4	3.8	1.4									7.5	4.6
SW	1.9	2.7	1.4	.3								6.3	5.0
WSW	3.2	1.8	1.3	.1								6.5	4.4
W	3.8	3.0	1.2	.3								8.3	4.3
WNW	1.5	1.2	.9	.1								3.7	4.9
NW	1.3	2.3	.9		.1							4.5	4.7
NNW	2.2	3.1	1.5	.9								7.6	5.6
VARBL													
CALM												6.7	
	34.5	37.1	18.0	3.7	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
AFCTAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

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

7234 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS AUG 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	3.5	4.8	2.2	.9								11.4	5.2
NNE	2.2	1.6	1.1	.1								4.9	4.4
NE	1.6	1.9	.5									4.1	4.2
ENE	1.6	1.3	.5	.4								3.9	5.1
E	2.2	1.7	1.0	.1	.1							5.1	4.9
ESE	1.3	1.5	1.6	.1								4.5	5.5
SE	1.2	2.1	1.5	.1								4.8	5.3
SSE	1.6	2.3	1.9									5.8	5.5
S	4.1	3.8	2.3	.3	.1							10.5	4.9
SSW	2.8	3.7	1.2									7.6	4.4
SW	2.0	2.6	.3									4.9	3.8
WSW	2.2	2.3	.1	.1								4.6	3.9
W	2.0	1.6	1.1	.3								5.1	5.0
WNW	1.8	1.3	.6	.2								4.0	4.3
NW	1.4	1.4	.8	.2								3.8	5.1
NNW	1.5	3.5	2.2	.3								7.5	5.5
VARBL													
CALM												7.4	
	33.0	37.3	18.8	3.2	.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12-3-81 STATION COLUMBUS AFB MS STATION NAME 70-73-81 YEARS AUG MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.3	2.3	.4	.1								7.1	3.6
NNE	2.7	.5	.1	.1								3.5	3.0
NE	1.5	.6	.3									2.5	3.5
ENE	1.7	.9										2.6	3.1
E	3.6	1.0	.6	.1								5.3	3.7
ESE	3.2	2.9	.6	.1	.1	.1						7.1	4.3
SE	2.9	2.8	.6									6.4	3.9
SSE	3.1	1.7	.2	.1								5.2	3.3
S	4.6	2.8	.5									8.0	3.4
SSW	2.2	.4	.2	.1								3.3	3.7
SW	1.1	.6										1.7	2.9
WSW	.6	.6	.1									1.4	3.5
W	1.2	.1	.1		.1							2.2	4.3
WNW	1.2	.2										1.4	2.2
NW	1.7	.3	.1									2.2	2.7
NNW	2.9	1.3	.3									4.4	3.4
VARBL													
CALM												35.8	
	34.5	20.3	4.4	.6	.2	.1						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

120304
STATION

COLUMBUS AFB MS
STATION NAME

70, 73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	1.3	.4									6.4	3.1
NNE	1.4	.2		.1								1.7	2.8
NE	.8	.3										1.1	2.5
ENE	.8	.5	.1									1.4	3.5
E	1.7	.8		.1								2.6	3.1
ESE	4.7	1.4	.3									6.5	3.0
SE	5.1	3.7	.8									9.5	3.5
SSE	3.6	2.0	.1	.1								5.8	3.3
S	3.1	1.7	.6									5.5	3.6
SSW	1.5	.2										1.7	2.1
SW	.4	.1										.5	2.6
WSW	.8											.8	2.0
W	.2	.1	.1									.4	4.5
WNW	.1											.1	2.0
NW	.8	.5										1.3	2.8
NNW	1.2	.2		.1								1.5	3.1
VARBL													
CALM												53.2	
	30.7	13.2	2.5	.4								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

122304 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS AUG MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	2.9	1.1	.2								6.2	4.2
NNE	2.0	.8	.4	.1								3.2	3.5
NE	1.0	.6	.2	.0								1.8	3.5
ENE	1.3	.6	.2	.1								2.2	3.6
E	2.4	1.0	.3	.1	.0							3.8	3.5
ESE	3.5	1.8	.7	.1	.0	.0						6.0	3.7
SE	3.4	2.2	.6	.2								6.5	3.9
SSE	3.0	2.0	.6	.1								5.7	3.8
S	3.9	2.6	.9	.1	.0							7.5	3.9
SSW	2.0	1.7	.4	.0								4.1	3.8
SW	1.3	1.0	.3	.1								2.7	3.9
WSW	1.4	.9	.3	.0								2.6	3.9
W	1.5	1.1	.4	.1	.0							3.1	4.2
WNW	1.0	.5	.2	.0								1.9	3.8
NW	1.2	.7	.2	.0	.0							2.2	3.7
NNW	1.9	1.6	.5	.2								4.1	4.3
VARBL													
CALM												34.4	
	34.8	22.1	7.3	1.3	.1	.0						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 7433

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

128304
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.5	1.9	1.1	.1								9.6	3.4
NNE	1.3	.3	.4									2.1	3.7
NE	.7	.8	.2									1.7	4.0
ENE	.7	.4										1.1	3.4
E	3.3	1.4	.3									5.1	3.0
ESE	4.2	2.9	.3									7.5	3.3
SE	2.7	2.3	.1									5.1	3.2
SSE	2.3	1.3	.4	.3								4.4	4.3
S	1.4	1.6										3.0	3.4
SSW	.2	.1										.3	3.0
SW	.1	.1	.1									.3	4.7
WSW	.4	.2										.7	2.8
W	.4	.4	.1									1.0	3.8
WNW	.4	.3	.2									1.0	4.3
NW	.2	.1	.3									.7	5.8
NNW	2.1	.8	.6									3.4	3.7
VARBL													
CALM												52.9	
	27.1	15.1	4.3	.4								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

STATION 7233 6 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH SEP
 CLASS ALL WEATHER HOUR(S) (LST) 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	5.1	3.4	.6	.1								9.2	3.6
NNE	1.3	.6	.2	.2								2.3	4.2
NE	.8	.4										1.2	2.8
ENE	1.7	.4										2.1	2.5
E	2.9	1.0	.7	.1								4.7	3.8
ESE	3.1	1.3	.3									4.8	3.2
SE	3.1	1.6	.1									4.8	3.1
SSE	1.3	.8	.2	.1								2.4	3.7
S	1.6	1.4	.7									3.7	4.2
SSW	.4	.2										.7	3.0
SW	.1	.1										.2	2.5
WSW													
W	.2	.3										.6	3.4
WNW	.4	.6	.4									1.4	5.2
NW	1.9	.6										2.4	2.4
NNW	3.2	.8	.9									4.9	3.5
VARBL													
CALM												54.6	
	27.2	13.6	4.1	.6								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1233 6 STATION COLUMBUS AFB MS 69-70, 73-80 YEARS SEP MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	4.8	1.8	.6								13.2	4.5
NNE	2.0	1.8	.3	.2		.1						4.4	4.7
NE	1.3	1.1										2.4	3.0
ENE	1.9	1.2	.4									3.6	3.8
E	3.7	1.9	.8	.1								6.4	3.7
ESE	3.4	3.8	1.3									8.6	4.2
SE	3.7	2.6	.6									6.8	3.7
SSE	2.3	2.0	.7									5.0	3.8
S	2.7	1.2	.6									4.4	3.5
SSW	.2	1.1	.2									1.6	5.0
SW	.7	.3										1.0	2.9
WSW	.1	.1										.2	3.5
W	.6		.1									.7	2.7
WNW	.4	.4										.9	3.5
NW	1.0	.6	.7									2.2	4.5
NNW	2.4	1.0	.9									4.3	4.1
VARBL													
CALM												34.2	
	32.6	23.9	8.3	.9		.1						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723376 STATION COLUMBUS AFB MS 69-70,73-80 YEARS SEP MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	5.1	3.1	.6								11.3	5.6
NNE	2.9	3.1	1.1	.4								7.6	4.6
NE	1.2	.9	.7	.2								3.0	4.8
ENE	1.7	2.7	1.4									5.8	4.9
E	3.1	2.4	2.0	.1								7.7	4.7
ESE	2.2	2.0	2.7	.6								7.4	5.8
SE	1.8	3.4	2.3	.4								8.0	5.7
SSE	2.6	2.4	.9	.3								6.2	4.5
S	2.6	4.0	1.9									8.4	4.8
SSW	2.3	2.6	.6									5.4	4.0
SW	.6	.7	.6									1.8	4.9
WSW	.9	.8	.6	.2								2.4	5.0
W	1.0	1.1	.7									2.8	4.2
WNW	.3	.7	.3									1.3	4.7
NW	.8	1.9	.9	.1								3.7	5.2
NNW	2.3	1.3	1.9	.3								6.3	5.3
VARBL													
CALM												10.8	
	29.8	35.6	21.6	3.3								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233 E
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	6.6	4.1	.8								14.9	5.6
NNE	1.7	2.6	1.4									5.7	4.8
NE	1.7	1.8	1.1									4.6	4.7
ENE	1.1	2.6	.8	.1								4.6	5.0
E	1.2	2.0	1.7	.1								5.0	5.6
ESE	1.9	1.6	2.4	.7								6.6	6.2
SE	1.6	2.0	2.2		.1							5.9	6.0
SSE	1.9	2.3	2.0	.2								6.4	5.3
S	2.6	2.9	2.6	.3								8.3	5.4
SSW	1.2	3.7	1.6	.1								6.6	5.2
SW	.8	1.6	.6									2.9	4.8
WSW	.7	1.0	.6									2.2	4.9
W	2.0	1.0	1.0		.1							4.1	4.5
WNW	1.0	.9	.7	.2								2.8	5.2
NW	1.4	2.6	1.3		.1							5.4	5.3
NNW	1.4	3.6	3.1	.6								8.7	6.2
VARBL													
CALM												5.4	
	25.6	38.4	27.1	3.1	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72036 STATION COLUMBUS AFB MS 69-70, 73-80 YEARS SEP MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	6.6	4.8	1.0								16.8	5.6
NNE	2.4	2.3	1.6									6.3	4.6
NE	1.3	1.2	1.1	.1								3.8	5.0
ENE	2.6	2.1	.8	.1								5.6	4.4
E	2.4	2.8	1.6	.2								7.0	4.7
ESE	1.0	2.1	1.4	.1								4.7	5.6
SE	1.2	2.0	1.9									5.1	5.4
SSE	.8	3.5	1.6	.2								6.0	5.8
S	2.3	4.7	.9									7.9	4.6
SSW	1.6	1.9	.9									4.3	4.5
SW	.7	1.4	.1									2.2	4.2
WSW	1.2	1.1	.7									3.0	4.7
W	1.1	1.3	.4	.2								3.1	4.8
WNW	1.6	.9	.4	.2	.1							3.2	5.1
NW	1.2	2.6	1.0	.1								4.9	5.1
NNW	3.0	4.3	2.6	.4								10.4	5.4
VARBL													
CALM												5.6	
	29.0	40.9	21.7	2.8	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233 6 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS SEP MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.8	3.6	2.1									11.4	4.1
NNE	1.9	1.1	.1									3.0	3.2
NE	2.0	1.1	.1									3.2	3.3
ENE	1.8	.9	.3	.1	.1							3.2	4.7
E	3.7	1.6	.2	.1								5.6	3.4
ESE	2.9	1.4	.9	.1								5.3	4.0
SE	2.8	2.6	.2	.1								5.7	3.9
SSE	1.4	2.1	.7									4.2	4.4
S	1.9	1.6	.8	.1								4.3	4.4
SSW	.3	.2	.1									.7	3.5
SW	.6	.1	.1									.8	3.1
WSW	.3	.3	.1									.8	4.4
W	.7	.3	.3									1.3	4.0
WNW	1.1	.4	.2	.1								1.9	4.0
NW	1.8	1.0	.4	.2								3.4	4.2
NNW	3.6	1.7	.1	.1	.1							5.6	3.6
VARBL													
CALM												39.6	
	32.3	20.0	6.9	1.0	.2							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12.3.6 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS SEP MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.4	4.8	.7									10.9	3.6
NNE	1.8	.7	.1									2.6	3.1
NE	1.2	.2	.3									1.8	3.6
ENE	1.1	.8	.1		.1							2.1	4.1
E	2.7	1.8	.1									4.6	3.2
ESE	2.1	1.0	.7	.1								4.8	4.3
SE	2.8	3.2	.1	.2								6.3	3.8
SSE	1.0	1.2	.6									2.8	4.5
S	.8	2.1	.7									3.6	4.9
SSW	.1	.3	.2									.7	4.8
SW			.1									.1	7.0
WSW		.3										.3	5.0
W	.4	.2	.1									.8	3.4
WNW	.6	.3	.2									1.1	3.8
NW	.8	.1	.4	.1								1.4	5.2
NNW	1.4	.4	.7	.1								2.7	4.8
VARBL													
CALM												53.6	
	22.2	18.4	5.1	.6	.1							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1273.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	4.6	2.3	.4								12.2	4.6
NNE	1.2	1.6	.7	.1		.0						4.3	4.3
NE	1.3	.9	.4	.0								2.7	4.1
ENE	1.6	1.4	.5	.0	.0							3.5	4.4
E	2.9	1.9	.9	.1								5.8	4.1
ESE	2.6	2.1	1.3	.2								6.2	4.6
SE	2.4	2.5	.9	.1	.0							6.0	4.4
SSE	1.7	2.0	.9	.2								4.7	4.7
S	2.0	2.4	1.0	.1								5.5	4.6
SSW	.8	1.3	.4	.0								2.5	4.5
SW	.4	.5	.2									1.2	4.3
WSW	.5	.5	.2	.0								1.2	4.6
W	.8	.6	.3	.0	.0							1.8	4.2
WNW	.7	.6	.3	.1	.0							1.7	4.7
NW	1.1	1.2	.6	.1	.0							3.0	4.7
NNW	2.4	1.9	1.3	.2	.0							5.8	4.8
VARBL													
CALM												32.1	
	28.1	25.7	12.4	1.6	.1	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 7197

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 12306 STATION NAME: COLUMBUS AFB MS YEARS: 69-70, 73-80 MONTH: OCT
 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	3.9	3.7	2.3	.2								10.0	4.7
NNE	1.2	1.0	.3									2.5	3.8
NE	.3											.3	1.7
ENE	.8											.8	1.9
E	.9	.8			.1							1.7	3.9
ESE	1.7	2.6	.4	.1	.1							4.9	4.7
SE	2.2	2.0	1.3		.1							5.6	5.1
SSE	1.2	2.6	.4	.3								4.5	5.0
S	.9	1.0	.8									2.6	4.8
SSW	.1	.4										.5	4.4
SW	.1	.1										.2	3.5
WSW	.1	.3	.1									.5	5.8
W	.1	.2	.1									.4	4.5
WNW	.5	.6	.2									1.4	4.5
NW	.5	.9	.4	.3								2.2	6.2
NNW	2.6	1.6	1.7	.2								6.1	5.0
VARBL													
CALM												55.7	
	17.0	17.7	8.1	1.2	.3							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

234 STATION COLUMBUS AFB MS STATION NAME 69-70, 73-80 YEARS MONTH OCT
 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	3.9	4.2	1.9	.1								10.1	4.5
NNE	.9	.6	.1									1.6	3.5
NE	.1	.2										.3	4.7
ENE	.6		.1									.8	3.3
E	2.2	.5	.3									3.0	3.1
ESE	2.4	1.6	1.6	.1								5.7	4.8
SE	3.5	1.8	.8	.5								6.7	4.5
SSE	1.7	1.9	.6									4.2	4.2
S	.5	1.1	.5	.3								2.5	6.1
SSW	.1		.1									.2	4.5
SW		.1										.1	4.0
WSW	.3	.1										.4	2.8
W	.2	.4										.6	3.8
WNW	.8	1.3	.5	.1								2.7	5.2
NW	.8	.6	.6	.2								2.3	5.5
NNW	3.5	2.3	1.4	.5								7.7	4.9
VARBL													
CALM												51.1	
	21.5	16.8	8.7	1.9								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2-3 STATION COLUMBUS AFB MS 69-70,73-63 YEARS OCT MONTH
 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	3.5	4.5	3.5	.4								12.0	5.4
NNE	1.7	.5	.6									2.9	3.8
NE	.1	.4	.1									1.0	3.8
ENE	.9	.2	.3									1.4	3.7
E	.3	1.2	.3									3.6	3.1
ESE	1.9	2.2	1.6	.2								5.9	5.2
SE	2.6	3.2	2.2	.5	.2							6.7	5.7
SSE	1.0	1.2	1.3									3.4	5.5
S	1.7	1.3	1.4									4.4	4.9
SSW	.3	.6	.1									1.1	4.6
SW		.1										.1	6.0
WSW	.2	.3	.1			.1						.8	6.7
W	.3	.3	.2	.1								1.4	5.0
WNW	1.1	.4	.3	.2								2.5	4.8
NW	1.2	1.0	1.2	.3								3.7	5.6
NNW	1.9	1.6	1.9	.3								5.8	5.5
VARBL													
CALM												41.2	
	1.1	20.0	15.3	2.2	.2	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

SURFACE WINDS

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

STATION 2335 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH OCT
 CLASS ALL WEATHER MONTHS 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	3.5	2.8	4.2	1.4								11.9	6.2
NNE	1.8	1.7	1.5	1.0								6.0	6.0
NE	1.4	1.2	.8	.5								3.9	5.8
ENE	.5	1.4	.5									2.5	5.0
E	1.3	1.3	.6	.1								3.9	4.9
ESE	1.4	1.7	2.7	.6								6.5	6.6
SE	1.8	2.2	3.4	1.4								8.8	6.9
SSE	1.6	3.2	3.4	1.8								10.1	7.0
S	2.0	3.8	1.9	.5								8.3	5.5
SSW	1.8	1.1	.4	.1								3.4	4.2
SW	1.1	.6	.3									2.0	4.0
WSW	1.6	.5	1.0									3.1	4.7
W	.9	1.2	.8	.2	.1							3.1	5.9
WNW	.8	1.0	1.2	.1								3.0	5.9
NW	1.3	.0	1.8	.4								4.4	6.3
NNW	1.6	2.5	3.4	.5	.1							8.2	6.6
VARBL													
CALM												10.9	
	24.5	27.5	28.1	8.8	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12-31-68 STATION COLUMBUS AFB MS 69-70,73-80 YEARS OCT MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.2	4.4	4.7	1.9								14.3	6.8
NNE	2.0	.9	1.3	.3								4.4	5.3
NE	.4	.7	.5	.2								2.0	5.8
ENE	.9	1.2	.2	.1								2.4	4.3
E	1.2	1.3	.5	.2								3.2	5.0
ESE	1.0	1.5	2.6	.9		.1						6.0	7.4
SE	.8	2.5	2.4	.8								6.3	6.8
SSE	1.3	2.6	3.9	1.6	.2							9.6	7.6
S	2.8	2.4	3.3	.9								9.4	6.1
SSW	1.0	1.2	1.3	.1								3.5	5.7
SW	1.0	.4	.5	.1								2.0	4.9
WSW	1.4	1.1	.5	.5								3.5	5.4
W	1.8	2.3	2.2	.2								6.5	5.5
WNW	1.3	1.6	2.0	.5								5.5	6.2
NW	.6	1.8	2.4	1.0								5.8	7.4
NNW	2.0	2.8	4.1	.9								9.8	6.5
VARBL													
CALM												5.7	
	22.7	28.6	32.5	10.2	.2	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1203 F STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH OCT
 CLASS ALL WEATHER HOURS (L & 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	3.9	5.1	4.3	1.4								14.6	6.0
NNE	1.4	1.3	.6	.1								3.4	4.7
NE	1.3	.9	.5	.5								3.1	5.6
ENE	1.0	1.2	.3									2.5	4.0
E	1.4	2.4	.1									3.9	3.9
ESE	1.3	2.3	1.8									5.4	5.6
SE	1.9	4.0	2.2	.3	.1							8.4	5.8
SSE	1.6	3.0	2.9	.9								8.4	6.4
S	2.5	2.2	1.5	.1								6.2	4.7
SSW	1.6	1.1	.1									2.8	3.5
SW	.3	.9	.1									1.3	4.3
WSW	1.2	1.0	.2									2.4	3.6
W	1.7	1.5	1.5	.2								4.9	5.4
WNW	1.2	1.4	1.5	1.1								5.2	6.9
NW	1.8	2.0	2.2	.3		.1						6.5	6.0
NNW	2.0	2.0	4.2	1.2	.1							10.4	6.8
VARBL													
CALM												10.6	
	5.0	32.8	24.1	6.1	.2	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 233 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH OCT
 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	2.6	3.7	2.8	.5								8.9	5.7
NNE	1.1	.5	.4									2.0	4.2
NE	1.0	.3	.3	.1								1.7	4.3
ENE	1.0	.1										1.1	2.7
E	1.1	1.2										2.3	3.6
ESE	3.3	2.4	.6	.1								6.5	3.6
SE	3.3	4.2	.3									7.9	3.7
SSE	.8	1.8	.4	.1								3.1	5.0
S	1.0	.6										1.6	3.1
SSW	.3	.1										.4	2.5
SW	.1	.1										.2	4.0
WSW	.2	.3										.5	3.8
W	.9	.6	.1									1.6	3.3
WNW	1.1	.9	.4									2.4	4.2
NW	1.8	1.0	1.2	.6								4.6	5.4
NNW	2.3	1.7	1.8	1.0								6.8	6.1
VARBL													
CALM												48.3	
	21.7	18.9	8.5	2.5								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 120375 STATION NAME COLUMBUS AFB MS YEARS 69-70,73-80 MONTH OCT
 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	2.7	3.4	2.5	.1								8.7	5.1
NNE	.6	.6	.8	.1								2.2	5.4
NE	.6	.2	.1		.1							1.1	5.0
ENE	.3	.2										.5	3.0
E	.8	.5	.2									1.5	3.4
ESE	2.9	2.4	1.1									6.3	4.2
SE	2.6	4.3	.8									7.6	4.3
SSE	1.1	1.7	1.1	.5								4.4	6.0
S	.6	1.1	.3	.1								2.2	5.0
SSW	.2	.3										.5	3.8
SW	.1											.1	1.0
WSW	.1	.1	.1									.3	5.0
W	.3	.5	.3	.1								1.3	5.8
WNW	.6	.3	.2									1.2	3.5
NW	.5	.6	1.0	.1								2.3	6.0
NNW	1.0	2.2	1.5	.3								4.9	6.1
VARBL													
CALM												54.8	
	15.2	18.6	9.9	1.4	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

233 STATION COLUMBUS AFB MS STATION NAME 69-70.73-80 YEARS OCT MONTH
ALL WEATHER CLASS ALL HOURS (L & T)
 CONDITION

SPEED (KNTS) DIR.	1 - 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	3.0	3.3	.8								11.3	5.7
NNE	1.3	.9	.7	.2								3.1	4.9
NE	.7	.5	.3	.2	.0							1.7	5.2
ENE	.7	.5	.2	.0								1.5	3.9
E	1.4	1.2	.3	.0	.0							2.9	3.9
ESE	2.0	2.1	1.6	.3	.0	.0						5.9	5.3
SE	2.3	3.0	1.7	.4	.1							7.5	5.4
SSE	1.3	2.2	1.8	.7	.0							6.0	6.2
S	1.5	1.7	1.2	.2								4.6	5.3
SSW	.7	.5	.3	.0								1.6	4.4
SW	.3	.3	.1	.0								.8	4.3
WSW	.6	.5	.3	.1		.0						1.5	4.8
W	.8	.9	.6	.1	.0							2.5	5.3
WNW	.9	1.0	.8	.3								3.0	5.6
NW	1.1	1.1	1.3	.4		.0						4.0	6.1
NNW	2.1	2.2	2.5	.6	.0							7.5	6.0
VARBL													
CALM												34.8	
	21.2	22.6	16.9	4.3	.2	.0						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7253.5 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS NOV MONTH

ALL WEATHER CLASS

0000-C200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	1.1	1.0								6.9	5.8
NNE	.9	.7										1.6	3.1
NE	.2		.1									.3	3.7
ENE	.3		.1									.4	2.8
E	.6	.1	.1									.8	3.1
ESE	2.6	1.4	.6	.1								4.7	3.9
SE	3.3	2.7	1.2									6.6	4.0
SSE	1.3	1.3	2.2	.8								5.7	6.6
S	1.2	2.8	2.0	.8								6.8	6.4
SSW	.4	.4	.4									1.3	4.8
SW	.6		.1									.7	3.0
WSW	.2			.2								.4	7.5
W	.8	.4	.4	.3								2.0	6.0
WNW	.8	.8	1.0	.2		.1						2.9	6.7
NW	2.1	1.2	.4	.6	.3							4.7	6.0
NNW	1.1	1.2	1.3	.2	.2							4.1	6.5
VARBL													
CALM												50.2	
	13.3	15.3	11.2	4.2	.6	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 12336 STATION NAME COLUMBUS AFB MS YEARS 69-70,73-80 MONTH NOV
 CLASS ALL WEATHER HOURS (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	3.4	4.1	1.9	.4								9.9	4.9
NNE	.8	.7										1.4	3.2
NE	.4	.4										.9	3.4
ENE	.2	.1	.1									.4	4.3
E	.3	.6	.1	.1								1.1	5.0
ESE	2.8	1.7	.2	.2								4.9	3.9
SE	3.8	2.2	.8	.1								6.9	3.7
SSE	2.0	1.9	1.6	1.0								6.4	6.2
S	1.0	1.7	1.1	.6								4.3	6.3
SSW	.4	.3										.8	3.9
SW		.4										.4	5.0
WSW	.8			.1								.9	3.6
W	1.1	.9	.8	.1								2.9	5.0
WNW	1.6	.9	.8			.1						3.3	4.6
NW	1.3	1.6	.7	.3	.1							4.0	5.9
NNW	1.3	1.4	1.8	.8	.2							5.6	6.9
VARBL													
CALM												45.8	
	21.3	18.9	9.8	3.8	.3	.1						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 2035 STATION NAME: COLUMBUS AFB MS YEARS: 69-70, 73-80 MONTH: NOV
 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	4.6	3.0	2.7	.6								10.8	5.0
NNE	1.6	.6	.3									2.4	3.8
NE	.6	.7										1.2	3.3
ENE	1.1			.1								1.2	2.8
E	.9	.2	.2									1.3	3.7
ESE	2.0	1.7	1.3	.1								5.1	4.7
SE	4.6	3.1	1.4	.2								9.3	4.0
SSE	1.6	1.3	2.3	.7								5.9	6.6
S	1.2	1.3	2.1	.4								5.1	6.3
SSW	.9	.1	.2	.1								1.3	4.4
SW	.3	.2	.1									.7	3.8
WSW	.6	.1	.2									.9	3.9
W	1.1	.6	.9	.1								2.7	5.3
WNW	1.0	1.6	.2									2.8	4.5
NW	1.2	1.3	1.0	.7								3.9	6.3
NNW	2.3	2.9	1.6	.8	.1							7.7	5.9
VARBL													
CALM												37.7	
	25.4	18.3	14.7	3.8	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

SURFACE WINDS

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

12035 STATION COLUMBUS AFB MS 62-70,73-80 YEARS NOV MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.0	3.7	.7								9.6	6.3
NNE	1.4	2.0	2.0	.1								5.6	5.4
NE	.6	.6	.6	.1								1.8	5.3
ENE	.6	.7	.2									1.4	4.8
E	1.3	1.9	.6									3.8	4.5
ESE	1.3	.9	1.1	.4								3.8	6.1
SE	2.3	2.6	1.9	.6								7.3	5.7
SSE	2.3	2.0	2.6	1.9	.1							8.9	7.0
S	2.6	4.6	5.1	1.3								13.6	6.4
SSW	1.3	1.6	1.3	.1								4.3	5.4
SW	.8	1.1	.4									2.3	4.5
WSW	.7	.2	.4	.1								1.4	5.5
W	1.4	1.0	1.8	.3								4.6	5.9
WNW	1.2	2.1	1.7	.6								5.6	6.2
NW	.6	.9	1.7	.9	.1	.1						4.2	8.6
NNW	1.7	2.6	3.0	2.2	.2	.1						9.8	7.9
VARBL													
CALM												12.1	
	21.3	28.6	28.0	9.3	.4	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12.3 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS NOV MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.9	3.9	1.0	.1							11.1	6.4
NNE	1.8	1.6	.7									4.0	4.1
NE	1.7	.8	.2									2.7	3.3
ENE	1.1	.9	.1									2.1	3.6
E	1.4	.6	.2									2.2	3.4
ESE	.9	1.4	.7	.3								3.3	5.8
SE	1.4	1.8	1.9	.8								5.9	6.4
SSE	1.4	3.1	4.4	1.7	.1							10.8	7.3
S	2.2	3.2	4.6	1.1								11.1	6.7
SSW	1.1	2.0	1.2	.3								4.7	5.7
SW	.3	1.3	.3	.6								2.6	6.6
WSW	.2	1.0	.7	.1								2.0	6.7
W	1.4	2.0	1.9	.6	.1							6.0	6.3
WNW	1.6	2.2	2.4	.7								6.9	6.5
NW	.9	1.7	2.3	2.4	.6							7.9	9.0
NNW	1.4	2.2	3.4	2.2	.3							9.7	8.1
VARBL													
CALM												7.1	
	21.3	29.6	29.0	11.8	1.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7243 6 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS NOV MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	3.2	2.9	1.1	.1							11.6	5.6
NNE	1.6	1.2	.7									3.4	4.2
NE	1.0	.6	.2									1.8	3.7
ENE	1.3	.7										2.0	2.9
E	1.2	1.0	.4									2.7	4.0
ESE	1.0	1.1	1.2	.2								3.6	5.7
SE	1.1	2.7	2.3	.2								6.3	5.8
SSE	1.9	3.3	2.3	1.4								9.0	6.5
S	3.1	3.6	2.0	.3								9.0	4.9
SSW	.6	1.2	.3		.1							2.2	5.4
SW	.9	.3	.4	.1								1.8	5.0
WSW	1.0	1.1	.7	.2	.1							3.1	5.7
W	1.3	.9	1.0	.3	.1							3.7	6.0
WNW	1.1	2.6	2.3	.4	.1							6.6	6.6
NW	1.3	1.9	3.3	1.1	.1							7.8	7.2
NNW	2.4	3.7	2.7	1.8	.1							10.7	6.7
VARBL													
CALM												14.9	
	25.1	29.0	22.9	7.3	.8							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

0
2
0

FEDERAL CLIMATOLOGY BRANCH
AFSLTAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

236 COLUMBUS AFB MS 69-70, 73-80 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.1	2.1	.6								8.8	5.2
NNE	1.1	1.1	.3	.2								2.8	4.7
NE	.7	.2										.9	2.6
ENE	.2	.3										.6	3.8
E	1.1	.7	.1									1.9	3.1
ESE	3.7	1.6	.3	.2								5.8	3.5
SE	4.1	6.0	1.4	.4								12.0	4.5
SSE	1.0	2.1	.9	.3								4.3	5.5
S	.6	1.9	.6	.4	.1							3.6	6.6
SSW	.9	.2	.2									1.2	3.5
SW	.4	.3	.2									1.0	4.2
WSW		.4	.4									.9	6.6
W	.9	1.0	.3	.1								2.3	4.9
WNW	1.1	.9	.4	.7	.2							3.3	6.7
NW	2.4	1.3	1.3	.2								5.3	4.6
NNW	1.4	1.7	1.9	.8	.1							6.1	6.3
VARBL													
CALM												39.2	
	2.7	23.0	10.7	4.0	.4							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

236 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS NOV MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.2	2.2	2.0	.7								2.1	5.4
NNE	.8	1.3	.4									2.6	4.4
NE	1.1	.2	.1									1.4	2.8
ENE	.2	.1										.3	3.3
E	1.0	.6										1.6	2.9
ESE	2.3	1.2	.3	.3								4.2	4.0
SE	3.1	4.3	.7	.1								8.2	4.0
SSE	.4	2.2	1.6	1.0								5.2	7.7
S	.8	2.3	1.8	.7								5.6	6.6
SSW	.7	.2	.3									1.2	4.4
SW	.4	.3										.8	2.7
WSW	.2	.3	.2	.2								1.0	7.6
W	.7	.6	.6	.3								2.3	5.7
WNW	1.3	1.2	.7	.3	.1							3.7	5.7
NW	1.4	.7	.6	.4	.1							3.4	6.0
NNW	1.8	.8	1.1	1.0								4.7	6.2
VARBL													
CALM												45.7	
	19.8	18.9	10.3	5.1	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

233 STATION COLUMBUS AFB MS 69-70, 73-80 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	3.0	3.3	2.5	.7	.0							9.6	5.6
NNE	1.2	1.1	.6	.0								3.0	4.4
NE	.8	.4	.2	.0								1.4	3.6
ENE	.6	.3	.1	.0								1.1	3.5
E	1.0	.7	.2	.0								1.9	3.8
ESE	2.1	1.4	.7	.2								4.4	4.6
SE	3.0	3.1	1.5	.3								7.8	4.7
SSE	1.5	2.2	2.2	1.1	.0							7.0	6.8
S	1.6	2.7	2.4	.7	.0							7.4	6.2
SSW	.8	.8	.5	.1	.0							2.1	5.1
SW	.5	.5	.2	.1								1.3	4.8
WSW	.5	.4	.3	.1	.0							1.3	5.9
W	1.1	.9	1.0	.3	.0							3.3	5.7
WNW	1.2	1.5	1.2	.4	.1	.0						4.4	6.1
NW	1.4	1.3	1.4	.8	.2	.0						5.2	6.9
NNW	1.7	2.1	2.1	1.2	.2	.0						7.3	7.0
VARBL													
CALM												31.6	
	21.9	22.7	17.1	6.2	.5	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

SURFACE WINDS

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

230 STATION COLUMBUS AFB MS 69-73,73-80 YEARS DEC MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.8	1.7	1.2								8.7	6.1
NNE	.9	.5	.2									1.6	3.8
NE	.5	.1	.1									.8	2.9
ENE	.3											.3	1.3
E	.8	.4	.2									1.4	3.8
ESE	2.5	1.3	.5	.2								4.5	4.2
SE	2.3	2.9	2.4	1.4								8.9	6.4
SSE	1.2	1.9	2.6	.8	.1							6.6	7.1
S	1.9	3.3	2.7	1.1								9.0	6.3
SSW	.9	.5	.3									1.7	4.3
SW	.4	.3	.3	.1								1.2	5.8
WSW	.3	.2	.4	.1								1.1	6.1
W	1.0	1.1	1.1	.2	.1							3.4	6.3
WNW	1.2	1.2	1.3	.4								4.1	6.5
NW	1.7	.6	1.1	.6	.2							4.3	6.3
NNW	1.2	2.0	1.7	1.5	.5							7.0	8.4
VARBL													
CALM												35.4	
	19.0	20.3	16.7	7.6	1.0							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7203 6 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS DEC MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.4	2.8	.6	.1							9.1	6.0
NNE	.8	.5	.3									1.6	4.4
NE	.4	.1										.5	2.6
ENE	.3	.5		.1								1.0	5.1
E	.6	.6	.3									1.6	4.2
ESE	1.1	2.0	.8	.2	.1							6.2	4.2
SE	2.7	1.9	2.3	.8	.1							7.7	5.7
SSE	.9	1.1	1.6	.5	.1							4.2	7.0
S	1.5	4.2	2.2	.6								8.5	5.7
SSW	.6	.8	.9									2.3	5.4
SW	.4	.3	.2	.2	.2							1.4	7.9
WSW	.3	.3	.2									.9	5.1
W	.4	1.0	1.3	.1								2.8	6.5
WNW	1.5	.8	.8	.3								3.3	5.1
NW	1.2	1.7	1.6	1.1	.1							4.9	7.4
NNW	1.5	2.2	1.7	1.5	.2							7.1	7.4
VARBL													
CALM												36.8	
	18.5	20.8	16.9	6.1	1.0							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12834 STATION COLUMBUS AFB MS 69-70,73-80 YEARS DEC MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.6	2.4	.6	.1							9.1	6.0
NNE	.8	.8	.2	.1								1.8	4.2
NE	.4											.4	2.0
ENE	.2	.3	.1									.6	4.5
E	.9	.6	.9									2.4	5.0
ESE	3.0	2.3	1.7	.5								7.5	5.3
SE	3.3	3.0	1.3	1.0	.2							8.8	5.7
SSE	1.3	2.3	1.7	.8								6.0	6.3
S	1.2	2.7	2.2	.2								6.2	5.7
SSW	.2	.9	.4	.1								1.5	5.8
SW	.2	.4	.1									.8	4.6
WSW	.2	.5	.6	.3								1.7	7.3
W	1.2	1.5	1.4	.1	.1							4.3	6.0
WNW	.6	1.0	.8	.1								2.5	5.4
NW	1.5	1.8	1.6	1.0								5.9	6.7
NNW	.8	2.6	2.6	.9								6.8	7.0
VARBL													
CALM												33.5	
	17.2	25.2	18.0	5.7	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12-3-6 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS MONTH DEC

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.7	4.5	.9								10.2	6.5
NNE	1.5	1.7	.6	.1								4.0	4.4
NE	.4	.3	.5									1.7	5.4
ENE	.5	.3										.9	2.9
E	1.2	1.8	.8									3.8	4.4
ESE	1.5	1.3	1.4	.4								4.6	5.8
SE	1.8	2.5	3.7	.9								8.8	6.7
SSE	1.4	3.7	4.0	1.1								10.3	6.7
S	1.7	4.4	4.5	1.1								11.7	6.6
SSW	1.5	1.2	1.2	.1								4.0	5.0
SW	.6	1.2	.6	.3								2.8	5.6
WSW	.9	.9	.5	.2								2.5	5.4
W	.9	.9	1.6	1.1								4.4	7.7
WNW	1.1	1.3	1.6	.9								4.8	6.8
NW	.5	1.0	2.6	1.5	.1							5.7	8.7
NNW	.8	2.2	3.9	1.9								8.7	7.9
VARBL													
CALM												11.1	
	13.2	28.2	32.0	10.4	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7235 STATION COLUMBUS AFB MS STATION NAME 69-70, 73-80 YEARS DEC MONTH

ALL WEATHER CLASS

1200-1400 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	3.5	3.0	.9								8.8	6.7
NNE	.5	1.2	.5	.2								2.5	5.3
NE	.4	.3										.8	3.6
ENE	.6	.6	.1									1.4	3.5
E	1.1	.6	.3	.1								2.2	4.5
ESE	.6	.8	.8	.2								2.4	6.5
SE	.9	1.9	2.7	1.0	.1							6.6	7.4
SSE	1.3	1.7	4.3	1.8								9.1	7.8
S	2.4	4.2	4.9	2.2	.2							13.9	7.2
SSW	1.0	1.4	3.2	.4								6.0	7.0
SW	.9	.8	1.5	.2	.1							3.4	7.0
WSW	1.1	1.3	.6	.4								3.4	5.7
W	.9	1.8	3.0	1.3	.1							7.1	7.9
WNW	1.4	2.2	2.7	1.3								7.5	7.1
NW	1.4	2.7	2.8	2.3		.1						9.2	7.8
NNW	.9	3.0	3.8	2.5								10.1	7.9
VARBL													
CALM												5.6	
	16.7	28.1	34.3	14.7	.5	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1223.5 STATION COLUMBUS AFB MS STATION N. # 69-70.73-80 YEARS DEC MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.7	2.8	.8		.1						8.2	6.4
NNE	.5	1.2										1.7	3.9
NE	.6	.4	.1									1.2	3.5
ENE	.2	.3	.1									.6	3.7
E	.5	.8	.2									1.5	4.2
ESE	.6	1.1	.9	.2		.1						2.9	6.9
SE	1.4	2.6	2.2	.9								7.0	6.3
SSE	2.3	3.2	4.7	1.3								11.5	6.7
S	2.7	3.7	3.2	1.1								10.6	6.0
SSW	1.2	1.5	1.3	.5	.1							4.6	6.5
SW	.6	.4	.3	.2								1.6	5.5
WSW	.6	.9	.5	.1								2.2	5.4
W	1.4	1.6	2.5	.4	.1							6.0	6.5
WNW	1.2	1.8	2.4	1.4	.1							6.9	7.4
NW	1.9	2.9	3.1	1.3	.1							9.4	6.8
NNW	1.5	3.7	4.8	2.2								12.2	7.4
VARBL													
CALM												11.9	
	19.2	28.7	29.1	10.3	.8	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7236 STATION COLUMBUS AFB MS 69-70,73-80 YEARS DEC MONTH

ALL WEATHER

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.6	1.6	.9								7.1	5.7
NNE	.6	.8	.1	.1								1.6	4.5
NE	.4	.3	.1									.9	3.5
ENE	.8	.3										1.1	2.7
E	.6	.8										1.4	3.1
ESE	3.7	2.4	.5	.4								7.0	4.2
SE	1.8	5.8	2.0	1.1	.1							10.9	6.0
SSE	1.2	2.0	1.4	1.2	.1							5.9	7.1
S	1.7	2.0	1.7	.8								6.3	5.9
SSW	.2	.6	.2									1.1	5.2
SW	.2	.2		.2								.6	6.3
WSW	.6	.2	.2									1.1	3.8
W	.6	1.2	.8	.4								3.0	6.0
WNW	2.0	1.2	2.3	.1								5.6	5.3
NW	1.8	2.0	1.4	1.2								6.5	6.2
NNW	1.6	2.6	2.3	1.7	.2							8.4	7.4
VARBL													
CALM												31.5	
	20.2	25.1	14.7	8.1	.4							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 927

0
2
1

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

20305 COLUMBUS AFB MS 69-70, 73-80 DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.2	3.7	1.1								9.8	6.4
NNE	.5	.1	.4									1.1	4.8
NE	.2	.1										.3	2.3
ENE	.4	.4										.9	3.3
E	1.1	.5	.1									1.7	3.2
ESE	2.0	2.2	1.4	.1	.1							5.8	5.2
SE	3.8	3.6	2.0	.9	.2							10.5	5.5
SSE	1.5	2.2	1.8	1.3								6.8	6.7
S	1.6	2.2	3.5	.5	.2							8.0	7.0
SSW	.6	.5	.3									1.5	4.4
SW	.8	.3		.3								1.4	5.5
WSW	.6	.3	.1	.1								1.2	4.5
W	.9	1.1	1.0	.2								3.1	5.7
WNW	1.9	1.5	.8	.1								4.3	4.7
NW	.9	.6	1.3	.6	.1							3.6	7.7
NNW	1.5	1.6	2.0	1.8	.1							7.1	7.7
VARBL													
CALM												32.9	
	20.7	20.1	18.4	7.1	.8							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

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

72306 STATION COLUMBUS AFB MS 69-70,73-80 YEARS DEC MONTH
 ALL WEATHER CLASS ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.3	2.8	.9	.0	.0						8.9	6.2
NNE	.8	.9	.3	.1								2.0	4.4
NE	.4	.3	.1									.8	3.7
ENE	.4	.4	.0	.0								.8	3.5
E	.8	.8	.3	.0								2.0	4.2
ESE	2.1	1.7	1.0	.3	.0	.0						5.1	5.0
SE	2.2	3.0	2.3	1.0	.1							8.6	6.2
SSE	1.4	2.3	2.8	1.1	.0							7.6	6.9
S	1.8	3.3	3.1	.9	.1							9.3	6.4
SSW	.8	.7	1.0	.1	.0							2.8	5.8
SW	.5	.5	.4	.2	.0							1.7	6.2
WSW	.6	.6	.4	.2								1.7	5.5
W	.9	1.3	1.6	.5	.1							4.3	6.7
WNW	1.4	1.4	1.6	.6	.0							4.9	6.3
NW	1.4	1.6	1.9	1.2	.1	.0						6.2	7.2
NNW	1.2	2.5	2.9	1.7	.1							8.4	7.6
VARBL													
CALM												24.8	
	18.7	24.5	22.5	8.8	.6	.0						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 7434

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233.6 STATION COLUMBUS AFB MS STATION NAME 69-70,73-81 YEARS ALL MONTH

ALL WEATHER CLASS

ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.2	2.3	.6	.0	.0						9.0	5.5
NNE	1.3	1.1	.5	.1	.0	.0						3.0	4.4
NE	.8	.6	.2	.0	.0							1.7	4.1
ENE	.9	.6	.2	.0	.0							1.8	4.0
E	1.6	1.2	.4	.1	.0							3.3	4.2
ESE	2.2	1.7	.9	.2	.0	.0						5.1	4.7
SE	2.5	2.7	1.4	.5	.1	.0	.0					7.2	5.2
SSE	1.8	2.2	1.9	.7	.1	.0	.0					6.7	6.1
S	2.5	2.9	2.3	.7	.1	.0	.0					8.4	5.8
SSW	1.3	1.2	.6	.1	.0	.0						3.2	4.8
SW	.8	.8	.4	.1	.0							2.0	4.8
WSW	.9	.8	.5	.2	.0	.0						2.4	5.2
W	1.2	1.2	.9	.4	.1							3.8	5.8
WNW	1.1	1.2	1.0	.5	.1	.0	.0					3.9	6.3
NW	1.1	1.3	1.2	.6	.1	.0						4.3	6.6
NNW	1.5	1.9	1.8	.9	.1	.0						6.2	6.6
VARBL													
CALM												28.0	
	24.4	24.5	16.6	5.8	.6	.1	.0					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 87566

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

12-3-6 STATION COLUMBUS AFB MS STATION NAME 69-70, 73-81 YEARS ALL MONTH

INSTRUMENT CLASS ALL HOURS (L S T)
 CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, CONDITION
 AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.8	3.2	1.1	.1							11.0	6.0
NNE	1.2	1.2	.5	.1	.0	.0						3.0	4.7
NE	.9	.6	.3	.1	.0							1.9	4.2
ENE	.9	.7	.3	.1	.0							2.1	4.8
E	1.6	1.7	.8	.3	.0							4.4	5.1
ESE	1.7	1.6	1.5	.6	.1	.0						5.5	6.1
SE	2.1	2.7	2.0	.9	.1	.0						7.9	6.3
SSE	1.7	2.8	2.7	1.1	.2	.0						8.5	6.8
S	2.0	3.5	2.6	.6	.1							8.7	5.9
SSW	1.0	.9	.4	.1	.0							2.4	4.5
SW	.5	.5	.2	.1	.0							1.3	5.2
WSW	.5	.5	.4	.1	.0	.0						1.5	6.0
W	.8	1.0	.8	.6	.1							3.4	7.1
WNW	.8	1.1	1.4	.7	.1	.0						4.2	7.4
NW	1.0	1.4	2.0	.9	.1	.0						5.4	7.4
NNW	1.7	2.6	3.8	1.7	.2							10.0	7.5
VARBL													
CALM												19.8	
	21.2	26.7	22.9	9.3	1.1	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 9773

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

The value 91.0 read from the table at the intersection of ≥ 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.

FEDERAL CLIMATOLOGY BRANCH
 AFM ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12-3-5 COLUMBUS AFB MS

70, 73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	25.5	43.6	44.1	44.8	45.3	45.6	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.3
≥ 20000	26.8	46.5	47.0	47.7	48.2	48.7	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3
≥ 18000	27.2	46.9	47.5	48.1	48.7	49.1	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7
≥ 16000	27.8	47.5	48.0	48.7	49.2	49.6	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3
≥ 14000	28.2	47.9	48.4	49.1	49.6	50.1	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7
≥ 12000	28.4	49.0	49.5	50.2	50.7	51.1	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.8
≥ 10000	29.6	51.0	51.6	52.2	52.9	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9
≥ 9000	29.9	51.6	52.3	53.0	53.6	54.0	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7
≥ 8000	30.7	52.5	53.4	54.1	54.8	55.2	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9
≥ 7000	31.4	53.9	54.8	55.5	56.2	56.6	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3
≥ 6000	32.4	55.9	56.7	57.5	58.1	58.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3
≥ 5000	33.0	58.2	59.1	59.8	60.5	61.0	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.7
≥ 4500	34.1	60.3	61.2	62.0	62.6	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8
≥ 4000	34.6	61.4	62.6	63.4	64.0	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.2
≥ 3500	35.2	63.5	64.8	65.6	66.2	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4
≥ 3000	36.2	65.9	67.2	68.1	68.8	69.3	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0
≥ 2500	36.8	68.7	70.7	71.8	72.4	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6
≥ 2000	37.4	71.4	73.6	75.1	75.8	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0
≥ 1800	37.5	72.2	74.5	76.0	76.6	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8
≥ 1500	38.1	75.2	77.8	79.4	80.3	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5
≥ 1200	38.5	77.4	80.1	82.0	83.0	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3
≥ 1000	38.8	78.4	81.1	83.1	84.2	84.9	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6
≥ 900	38.8	79.2	82.0	84.1	85.1	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
≥ 800	38.8	79.5	82.9	85.3	86.4	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.9
≥ 700	38.8	79.7	83.4	86.1	87.3	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8
≥ 600	38.8	80.5	84.4	87.6	89.0	90.0	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	91.0
≥ 500	38.9	80.7	85.0	88.4	90.2	91.4	91.9	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.8
≥ 400	38.9	81.1	85.5	88.8	91.0	92.5	93.1	93.9	94.3	94.5	94.7	94.7	94.8	94.8	94.8	95.0
≥ 300	38.9	81.1	85.6	89.0	91.7	93.5	94.6	95.5	96.1	96.4	96.8	96.8	97.0	97.1	97.1	97.4
≥ 200	38.9	81.1	85.6	89.0	91.7	93.6	94.7	95.8	96.7	97.3	98.3	98.3	98.7	99.0	99.1	99.6
≥ 100	38.9	81.1	85.6	89.0	91.7	93.6	94.7	95.8	96.7	97.4	98.4	98.4	98.8	99.1	99.2	99.9
≥ 0	38.9	81.1	85.6	89.0	91.7	93.6	94.7	95.8	96.7	97.4	98.4	98.4	98.8	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

929

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72 386

COLUMBUS AFB MS

70, 73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	15.5	39.5	41.0	41.4	42.7	42.8	43.0	43.1	43.1	43.1	43.3	43.3	43.4	43.4	43.5	43.7
≥ 20000	20.5	43.1	44.6	45.1	46.3	46.5	46.7	46.8	46.8	46.8	47.0	47.0	47.1	47.1	47.2	47.3
≥ 18000	20.5	43.2	44.8	45.3	46.6	46.7	46.9	47.0	47.0	47.0	47.2	47.2	47.3	47.3	47.4	47.5
≥ 16000	20.6	43.5	45.2	45.6	46.9	47.0	47.2	47.3	47.3	47.3	47.5	47.5	47.6	47.6	47.7	47.8
≥ 14000	21.7	44.9	46.6	47.0	48.3	48.4	48.6	48.7	48.7	48.7	48.9	48.9	49.0	49.0	49.1	49.2
≥ 12000	21.9	45.5	47.1	47.5	48.8	48.9	49.1	49.2	49.2	49.2	49.5	49.5	49.6	49.6	49.7	49.8
≥ 10000	23.1	47.7	49.4	49.8	51.1	51.2	51.4	51.5	51.5	51.5	51.7	51.7	51.8	51.8	51.9	52.0
≥ 9000	23.2	48.1	49.7	50.1	51.4	51.5	51.7	51.8	51.8	51.8	52.0	52.0	52.2	52.2	52.3	52.4
≥ 8000	23.3	48.7	50.5	51.0	52.3	52.4	52.6	52.7	52.7	52.7	52.9	52.9	53.0	53.0	53.1	53.2
≥ 7000	23.5	49.5	51.3	51.7	53.0	53.1	53.3	53.4	53.4	53.4	53.7	53.7	53.8	53.8	53.9	54.0
≥ 6000	24.1	51.0	52.9	53.3	54.6	54.7	54.9	55.1	55.1	55.1	55.3	55.3	55.4	55.4	55.5	55.6
≥ 5000	25.2	53.1	55.2	55.6	56.9	57.0	57.2	57.3	57.3	57.3	57.5	57.5	57.6	57.6	57.7	57.8
≥ 4500	26.2	55.5	57.5	58.0	59.2	59.4	59.6	59.7	59.7	59.7	59.9	59.9	60.0	60.0	60.1	60.2
≥ 4000	26.3	56.7	58.8	59.2	60.5	60.6	60.9	61.0	61.0	61.0	61.2	61.2	61.3	61.3	61.4	61.5
≥ 3500	26.7	57.7	59.9	60.3	61.6	61.7	61.9	62.0	62.0	62.0	62.3	62.3	62.4	62.4	62.5	62.6
≥ 3000	27.1	59.1	61.4	61.9	63.3	63.4	63.7	63.8	63.8	63.8	64.0	64.0	64.1	64.1	64.2	64.3
≥ 2500	28.7	61.4	64.2	64.7	66.6	66.7	66.9	67.0	67.0	67.0	67.2	67.2	67.3	67.3	67.4	67.5
≥ 2000	28.7	63.4	66.5	67.4	69.6	69.7	69.9	70.0	70.0	70.0	70.2	70.2	70.3	70.3	70.4	70.5
≥ 1800	29.4	65.2	68.2	69.4	71.5	71.6	71.8	71.9	71.9	71.9	72.2	72.2	72.3	72.3	72.4	72.5
≥ 1500	29.9	68.4	71.7	73.0	75.5	75.6	75.9	76.0	76.0	76.0	76.2	76.2	76.3	76.3	76.5	76.6
≥ 1200	30.4	70.0	73.5	74.9	77.4	77.5	77.8	78.0	78.0	78.0	78.2	78.2	78.3	78.3	78.4	78.5
≥ 1000	30.6	71.4	75.3	77.4	79.9	80.1	80.5	80.6	80.6	80.6	80.9	80.9	81.0	81.0	81.1	81.2
≥ 900	30.6	72.7	76.7	79.0	81.7	81.9	82.4	82.5	82.5	82.5	82.7	82.7	82.8	82.8	82.9	83.0
≥ 800	30.6	73.2	77.3	80.2	83.0	83.7	84.2	84.4	84.4	84.4	84.6	84.6	84.7	84.7	84.8	84.9
≥ 700	30.6	73.5	77.8	81.3	84.7	85.7	86.2	86.6	86.6	86.7	86.9	86.9	87.0	87.0	87.1	87.2
≥ 600	30.8	74.0	79.8	83.0	87.0	88.5	89.0	89.4	89.5	89.6	89.8	89.8	89.9	89.9	90.0	90.1
≥ 500	31.0	74.7	80.2	84.7	89.1	91.1	91.6	92.0	92.3	92.4	92.6	92.6	92.7	92.7	92.8	93.0
≥ 400	31.0	74.9	80.5	85.2	90.1	92.3	93.0	93.7	94.3	94.5	94.7	94.7	94.8	94.8	94.9	95.2
≥ 300	31.1	75.2	80.9	85.8	90.9	93.3	94.4	95.3	96.1	96.3	96.6	96.6	96.7	96.7	96.8	97.3
≥ 200	31.0	75.2	80.9	85.8	91.0	93.5	94.6	95.5	96.5	96.8	97.5	97.5	98.0	98.5	98.6	99.6
≥ 100	31.0	75.2	80.9	85.8	91.0	93.5	94.6	95.5	96.5	96.8	97.5	97.5	98.1	98.6	98.7	99.9
≥ 0	31.0	75.2	80.9	85.8	91.0	93.5	94.6	95.5	96.5	96.8	97.5	97.5	98.1	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 16

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	17.7	34.7	37.0	37.7	38.1	38.2	38.5	38.8	39.0	39.6	39.6	39.6	39.6	39.8	39.8	39.9
≥ 20000	18.4	37.2	40.1	40.9	41.3	41.4	41.7	42.0	42.3	42.8	42.8	42.8	42.8	43.0	43.0	43.2
IV 18000	18.4	37.2	40.2	41.0	41.5	41.6	41.9	42.3	42.5	43.0	43.0	43.0	43.0	43.2	43.2	43.4
IV 16000	18.8	37.6	40.6	41.4	41.9	42.0	42.4	42.7	42.9	43.4	43.4	43.4	43.4	43.7	43.7	43.9
IV 14000	19.4	38.3	41.3	42.0	42.6	42.7	43.0	43.3	43.5	44.1	44.1	44.1	44.1	44.3	44.3	44.5
IV 12000	20.1	39.7	42.8	43.5	44.1	44.2	44.5	44.8	45.1	45.6	45.6	45.6	45.6	45.8	45.8	46.0
IV 10000	21.7	42.5	45.6	46.3	46.9	47.0	47.3	47.6	47.8	48.4	48.4	48.4	48.4	48.6	48.7	48.9
IV 9000	22.3	43.4	46.7	47.5	48.1	48.2	48.5	48.8	49.0	49.6	49.6	49.6	49.6	49.8	49.9	50.1
IV 8000	22.9	45.3	48.6	49.5	50.0	50.1	50.4	50.8	51.0	51.5	51.5	51.5	51.5	51.7	51.8	52.0
IV 7000	23.0	46.1	49.5	50.3	50.9	51.1	51.4	51.7	51.9	52.5	52.5	52.5	52.5	52.7	52.8	53.0
IV 6000	23.4	47.3	51.0	51.9	52.5	52.7	53.0	53.3	53.5	54.1	54.1	54.1	54.1	54.3	54.4	54.6
IV 5000	24.3	48.2	51.9	52.9	53.4	53.7	54.0	54.3	54.5	55.1	55.1	55.1	55.1	55.3	55.4	55.6
IV 4500	24.4	50.0	53.8	54.7	55.4	55.6	55.9	56.2	56.5	57.0	57.0	57.0	57.0	57.2	57.3	57.5
IV 4000	24.3	50.2	54.0	54.9	55.6	55.9	56.3	56.7	56.9	57.4	57.4	57.4	57.4	57.6	57.7	58.0
IV 3500	25.3	51.5	55.3	56.2	56.9	57.2	57.6	58.0	58.2	58.7	58.7	58.7	58.7	58.9	59.0	59.2
IV 3000	25.7	53.0	56.9	57.8	58.8	59.1	59.6	59.9	60.1	60.6	60.6	60.6	60.6	60.9	61.0	61.2
IV 2500	26.7	56.0	60.0	61.1	62.0	62.4	62.8	63.1	63.3	63.9	63.9	63.9	63.9	64.1	64.2	64.4
IV 2000	27.5	58.7	63.2	64.5	65.8	66.2	66.7	67.2	67.4	68.0	68.0	68.0	68.0	68.2	68.3	68.5
IV 1800	27.8	59.6	64.2	65.6	67.0	67.5	68.0	68.5	68.7	69.2	69.2	69.2	69.2	69.5	69.6	69.8
IV 1500	28.2	63.1	68.2	69.9	71.4	72.2	72.7	73.2	73.4	74.0	74.0	74.0	74.0	74.2	74.3	74.5
IV 1200	28.4	64.3	69.9	71.6	73.4	74.2	74.7	75.3	75.5	76.0	76.0	76.0	76.0	76.2	76.3	76.6
IV 1000	28.6	64.9	70.9	73.1	75.4	76.1	76.8	77.4	77.6	78.2	78.2	78.2	78.2	78.4	78.5	78.7
IV 900	28.7	65.9	71.9	74.3	76.6	77.3	78.0	78.7	78.9	79.5	79.5	79.5	79.5	79.7	79.8	80.0
IV 800	28.8	67.0	73.2	76.1	78.7	79.6	80.4	81.2	81.5	82.0	82.0	82.0	82.0	82.3	82.4	82.6
IV 700	28.8	68.0	74.5	77.7	80.8	82.2	83.1	83.9	84.2	84.7	84.7	84.7	84.7	84.9	85.1	85.3
IV 600	28.9	68.1	75.3	79.1	82.9	84.6	86.1	87.1	87.6	88.2	88.2	88.2	88.2	88.4	88.5	88.7
IV 500	28.9	68.5	76.1	80.2	84.3	86.6	88.6	89.7	90.4	91.2	91.2	91.2	91.2	91.8	91.9	92.2
IV 400	28.8	68.7	76.5	80.8	85.4	87.7	90.0	91.4	92.4	93.1	93.2	93.2	93.2	94.0	94.2	94.4
IV 300	28.8	68.8	76.6	81.3	86.1	88.5	91.1	92.8	94.0	94.8	95.5	95.5	95.7	96.5	97.0	97.5
IV 200	28.8	68.8	76.6	81.3	86.1	88.6	91.2	92.9	94.1	95.4	96.3	96.5	97.0	98.0	98.6	99.5
IV 100	28.8	68.8	76.6	81.3	86.1	88.6	91.2	92.9	94.1	95.4	96.3	96.5	97.2	98.3	98.9	100.0
IV 0	28.8	68.8	76.6	81.3	86.1	88.6	91.2	92.9	94.1	95.4	96.3	96.5	97.2	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	26.3	36.3	36.5	36.7	36.9	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3
≥ 2000	29.7	41.6	42.2	42.4	42.6	42.8	42.8	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0
≥ 1800	30.1	42.4	42.9	43.1	43.4	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.9
≥ 1600	30.4	42.7	43.3	43.5	43.7	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1
≥ 1400	31.3	43.8	44.3	44.6	44.8	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
≥ 1200	31.9	44.9	45.4	45.6	45.8	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3
≥ 1000	33.4	47.6	48.1	48.3	48.5	48.8	48.8	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0
≥ 900	34.3	48.1	48.9	49.1	49.3	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
≥ 800	35.9	50.9	51.8	52.0	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6
≥ 700	36.3	52.2	53.1	53.3	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9
≥ 600	37.7	53.4	54.3	54.5	54.7	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
≥ 500	38.2	54.7	55.6	55.8	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
≥ 450	38.8	55.7	56.5	56.7	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
≥ 400	39.3	56.4	57.3	57.5	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.3
≥ 350	39.4	57.6	58.5	58.7	59.0	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4
≥ 300	47.0	59.1	60.2	60.6	60.9	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4
≥ 250	41.0	61.4	62.6	63.1	63.5	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1
≥ 200	41.9	63.6	65.2	65.9	66.5	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥ 1800	42.6	65.9	67.6	68.4	69.0	69.4	69.7	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 1500	43.1	68.5	70.4	71.3	72.2	72.7	73.4	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7
≥ 1200	43.6	71.2	73.2	74.3	75.3	75.8	76.5	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 1000	43.8	73.1	75.4	76.9	77.9	78.5	79.4	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0
≥ 900	43.9	74.4	76.7	78.3	79.4	80.3	81.1	81.4	81.6	81.7	81.7	81.8	81.9	81.9	81.9	81.9
≥ 800	43.9	75.1	78.0	79.8	81.3	82.3	83.3	83.6	83.7	83.8	83.8	83.9	84.0	84.0	84.0	84.0
≥ 700	44.3	76.3	79.6	81.9	83.8	85.3	86.3	86.6	86.7	86.8	86.8	86.9	87.1	87.1	87.1	87.1
≥ 600	44.6	77.5	81.8	84.1	86.5	88.3	89.5	90.1	90.2	90.3	90.5	90.6	90.7	90.7	90.7	90.7
≥ 500	44.8	78.0	82.6	85.7	88.5	90.8	92.3	93.5	93.6	94.1	94.3	94.4	94.6	94.7	94.7	94.7
≥ 400	44.8	78.3	83.0	86.1	89.4	91.9	93.7	95.4	95.8	96.4	97.0	97.1	97.3	97.4	97.4	97.4
≥ 300	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.1	96.8	97.5	98.5	98.7	98.9	99.0	99.0	99.0
≥ 200	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0
≥ 100	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0
≥ 0	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

LOCAL CLIMATOLOGY BRANCH
AFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7236
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥5/16	¼	≥0
NO CEILING	36.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 20000	41.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 18000	42.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 16000	42.9	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 14000	43.1	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 12000	44.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 10000	46.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 9000	46.9	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 8000	48.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 7000	49.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 6000	49.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 5000	51.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 4500	51.5	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 4000	51.7	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 3500	52.5	63.2	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 3000	53.5	64.7	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 2500	55.8	68.5	69.1	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 2000	57.0	71.5	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 1800	57.4	72.9	73.9	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 1500	58.5	76.5	77.5	77.7	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1200	59.8	79.6	80.8	81.5	81.9	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2
IV 1000	60.0	80.9	82.6	83.8	84.2	84.2	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5
IV 900	60.1	81.9	83.7	84.8	85.4	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9
IV 800	60.1	82.7	84.6	86.1	86.7	86.9	87.5	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1
IV 700	60.4	83.7	86.0	87.7	88.3	88.6	89.5	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1
IV 600	60.6	84.5	87.4	89.6	90.8	91.2	92.0	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8
IV 500	60.6	85.2	88.5	91.0	92.9	93.5	94.7	95.5	95.9	96.1	96.1	96.1	96.2	96.2	96.2
IV 400	60.6	85.3	88.7	91.4	93.8	94.5	96.0	97.1	97.5	98.0	98.0	98.0	98.1	98.1	98.1
IV 300	60.6	85.3	88.8	91.6	94.0	94.9	97.0	98.1	98.5	99.1	99.1	99.1	99.4	99.4	99.4
IV 200	60.6	85.3	88.8	91.7	94.1	95.1	97.1	98.2	98.6	99.4	99.7	99.8	100.0	100.0	100.0
IV 100	60.6	85.3	88.8	91.7	94.1	95.1	97.1	98.2	98.6	99.4	99.7	99.8	100.0	100.0	100.0
IV 0	60.6	85.3	88.8	91.7	94.1	95.1	97.1	98.2	98.6	99.4	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7253.4

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 15
NO CEILING	30.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 2000	45.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 1800	45.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1600	45.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1400	46.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 1200	48.7	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 1000	50.3	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 800	53.0	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 700	53.9	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 600	54.7	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 500	55.8	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 450	56.5	65.3	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 400	57.3	66.5	66.5	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 350	58.1	67.7	67.7	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 300	60.0	70.2	70.3	70.7	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 250	60.7	73.4	73.7	74.2	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 200	61.6	75.8	76.3	76.7	77.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 180	61.7	76.4	77.0	77.4	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 150	62.8	79.9	80.6	81.1	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 120	62.9	81.4	82.8	83.5	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 100	63.0	82.3	84.0	84.8	86.5	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 90	63.2	83.0	84.8	85.8	87.7	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 80	63.4	83.7	85.6	86.7	88.9	89.5	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 70	63.4	84.2	86.0	87.1	89.6	90.2	90.7	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 60	63.4	84.7	86.8	88.3	90.9	91.6	92.1	92.2	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6
≥ 50	63.6	85.0	87.2	89.5	92.6	93.5	94.7	95.3	95.5	95.6	95.8	95.8	95.9	95.9	95.9	95.9
≥ 40	63.6	85.5	87.6	89.9	93.3	94.5	96.0	97.0	97.2	97.4	97.8	97.8	98.0	98.0	98.0	98.0
≥ 30	63.6	85.5	87.6	89.9	93.4	94.7	96.3	97.3	98.0	98.3	99.0	99.0	99.1	99.2	99.4	99.4
≥ 20	63.6	85.5	87.6	89.9	93.4	94.7	96.6	97.6	98.3	98.8	99.6	99.6	99.8	99.9	100.0	100.0
≥ 10	63.6	85.5	87.6	89.9	93.4	94.7	96.6	97.6	98.3	98.8	99.6	99.6	99.8	99.9	100.0	100.0
≥ 0	63.6	85.5	87.6	89.9	93.4	94.7	96.6	97.6	98.3	98.8	99.6	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1253 6

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1900-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	36.6	47.6	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	39.5	52.5	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	40.2	53.2	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 16000	40.7	53.7	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	40.9	54.0	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 12000	42.0	55.4	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 10000	42.5	56.5	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	42.5	56.8	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	44.1	59.2	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 7000	45.3	61.2	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 6000	46.2	62.8	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 5000	47.3	65.1	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4500	47.5	66.1	66.7	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	47.6	66.8	67.5	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
≥ 3500	49.1	68.6	69.2	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 3000	50.1	70.3	71.0	71.5	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 2500	51.2	74.6	75.3	75.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	52.1	77.2	78.4	78.9	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1800	52.4	78.0	79.4	80.1	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	52.6	80.5	82.2	83.1	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1200	53.2	81.7	83.6	84.7	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	53.2	82.1	84.3	85.5	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 900	53.4	82.9	85.3	86.7	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	53.4	83.3	85.7	87.1	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 700	53.4	83.4	85.9	87.5	89.3	90.0	90.2	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 600	53.4	83.6	86.1	87.7	89.8	90.7	91.1	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 500	53.4	83.9	86.4	88.3	91.3	92.2	92.9	93.3	93.4	93.8	93.8	93.8	93.8	93.9	94.0	94.0
≥ 400	53.4	84.0	86.8	88.8	92.0	93.3	94.4	95.3	95.4	95.8	95.8	95.8	95.8	95.9	96.2	96.2
≥ 300	53.4	84.0	87.0	89.2	92.8	94.2	95.8	96.9	97.1	97.5	97.7	97.7	97.7	98.0	98.3	98.3
≥ 200	53.4	84.0	87.0	89.2	93.0	94.6	96.2	97.3	97.7	98.3	98.7	98.7	98.7	99.1	99.6	99.6
≥ 100	53.4	84.0	87.0	89.2	93.0	94.6	96.2	97.3	97.7	98.3	98.8	98.8	98.8	99.4	99.8	99.8
≥ 0	53.5	84.1	87.1	89.3	93.1	94.7	96.3	97.4	97.8	98.4	98.9	98.9	98.9	99.5	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

929

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

720386

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥½	≥3/16	¼	≥0
NO CEILING	32.1	47.5	48.5	48.1	48.5	48.5	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥20000	33.7	50.9	51.5	51.6	52.0	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5
≥18000	33.9	51.2	51.8	51.9	52.3	52.3	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9
≥16000	34.3	51.7	52.2	52.3	52.7	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3
≥14000	35.1	52.6	53.2	53.3	53.7	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3
≥12000	35.7	53.5	54.0	54.1	54.6	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1
≥10000	36.3	54.5	55.0	55.1	55.5	55.5	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1
≥9000	36.5	54.8	55.3	55.4	55.9	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4
≥8000	38.1	56.9	57.5	57.6	58.0	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.6
≥7000	39.2	58.7	59.2	59.3	59.7	59.7	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.4
≥6000	40.0	60.5	61.0	61.2	61.7	61.7	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.3
≥5000	40.9	63.2	63.7	63.9	64.4	64.4	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.0
≥4500	41.7	64.4	65.1	65.7	66.1	66.1	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.7
≥4000	42.1	65.8	66.5	67.1	67.6	67.6	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.2
≥3500	42.8	67.5	68.2	68.8	69.3	69.3	69.5	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.0
≥3000	43.6	70.4	71.3	71.8	72.4	72.4	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.1
≥2500	44.5	74.2	75.7	76.2	77.2	77.2	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.8
≥2000	45.1	77.1	78.8	79.3	80.3	80.3	80.6	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9	81.2
≥1800	45.1	77.5	79.2	79.8	80.8	80.8	81.2	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.7
≥1500	45.2	79.2	81.1	81.8	83.1	83.1	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	84.0
≥1200	45.7	81.3	83.4	84.4	85.7	85.8	86.1	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.7
≥1000	45.9	82.1	84.5	85.7	87.2	87.3	87.6	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	88.2
≥900	45.9	82.7	85.0	86.2	87.7	87.8	88.2	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.7
≥800	45.9	82.7	85.0	86.2	87.9	88.2	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	89.0
≥700	45.9	83.3	86.0	87.2	89.0	89.5	89.8	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.4
≥600	45.9	84.0	86.7	87.8	89.9	90.3	90.6	90.7	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.5
≥500	45.9	84.2	87.5	88.8	91.5	92.1	92.5	92.6	92.7	93.1	93.1	93.1	93.2	93.2	93.2	93.4
≥400	45.9	84.2	87.7	89.1	92.2	93.2	93.6	94.5	94.6	95.2	95.2	95.2	95.3	95.6	95.6	95.8
≥300	45.9	84.2	87.8	89.5	93.0	94.1	94.8	95.7	95.8	96.4	96.6	96.6	96.7	97.1	97.2	97.4
≥200	45.9	84.2	87.8	89.6	93.2	94.4	95.6	96.8	97.1	98.0	98.5	98.5	99.0	99.5	99.6	99.8
≥100	45.9	84.2	87.8	89.6	93.2	94.4	95.6	96.8	97.1	98.0	98.5	98.5	99.0	99.5	99.7	100.0
≥0	45.9	84.2	87.8	89.6	93.2	94.4	95.6	96.8	97.1	98.0	98.5	98.5	99.0	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6 COLUMBUS AFB MS

70, 73-81

JAN

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0	
NO CEILING	26.9	41.7	42.4	42.6	43.0	43.1	43.2	43.3	43.3	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.6
≥20000	31.9	46.1	46.9	47.2	47.6	47.7	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.2
IV 18000	32.3	46.7	47.5	47.8	48.2	48.3	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.8
IV 16000	32.6	47.0	47.8	48.1	48.5	48.6	48.7	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.1
IV 14000	33.2	47.8	48.6	48.8	49.2	49.3	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.9
IV 12000	34.2	49.1	50.0	50.2	50.6	50.7	50.9	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2
IV 10000	35.5	51.1	52.0	52.3	52.7	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.3
IV 9000	35.3	51.7	52.6	52.9	53.3	53.4	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.9
IV 8000	37.1	53.7	54.6	54.9	55.3	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.0
IV 7000	37.8	55.0	56.0	56.3	56.7	56.8	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.4
IV 6000	38.5	56.5	57.5	57.9	58.3	58.4	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9
IV 5000	39.4	58.4	59.5	59.8	60.3	60.4	60.5	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.9
IV 4500	40.1	59.8	60.9	61.4	61.8	61.9	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.5
IV 4000	40.5	60.7	61.9	62.3	62.8	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.5
IV 3500	41.1	62.2	63.4	63.8	64.3	64.5	64.6	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.0
IV 3000	42.0	64.1	65.4	65.9	66.6	66.7	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3
IV 2500	43.1	67.3	68.9	69.5	70.3	70.5	70.7	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.1
IV 2000	43.9	69.8	71.8	72.6	73.5	73.7	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4
IV 1800	44.2	71.0	73.0	73.8	74.9	75.1	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.8
IV 1500	44.3	73.9	76.2	77.2	78.4	78.7	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.5
IV 1200	45.3	75.9	78.4	79.6	81.0	81.4	81.6	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1
IV 1000	45.5	76.9	79.7	81.3	82.8	83.2	83.5	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.1
IV 900	45.6	77.8	80.8	82.4	84.0	84.4	84.8	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.4
IV 800	45.6	78.4	81.5	83.4	85.2	85.8	86.3	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0
IV 700	45.7	79.0	82.4	84.6	86.6	87.4	88.0	88.3	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.8
IV 600	45.9	79.6	83.4	85.9	88.3	89.4	90.1	90.5	90.6	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.1
IV 500	45.9	80.0	84.2	87.1	90.0	91.4	92.4	93.0	93.3	93.6	93.7	93.7	93.7	93.8	93.9	93.9	94.0
IV 400	45.9	80.2	84.5	87.5	90.9	92.5	93.7	94.8	95.2	95.6	95.8	95.8	95.8	95.9	96.1	96.2	96.3
IV 300	45.9	80.3	84.7	87.8	91.5	93.2	94.8	96.0	96.5	97.1	97.5	97.5	97.5	97.7	97.9	98.0	98.2
IV 200	45.9	80.3	84.7	87.9	91.5	93.4	95.1	96.3	97.0	97.7	98.5	98.5	98.5	98.9	99.3	99.4	99.8
IV 100	45.9	80.3	84.7	87.9	91.5	93.4	95.1	96.3	97.0	97.7	98.5	98.5	98.6	99.0	99.4	99.5	100.0
IV 0	45.9	80.3	84.7	87.9	91.6	93.4	95.1	96.3	97.0	97.8	98.5	98.6	99.0	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	24.2	51.9	52.7	53.7	53.8	53.9	54.1	54.4	54.4	54.6	54.6	54.7	54.7	54.7	55.7	55.0
IV 18000	26.6	56.3	57.1	58.2	58.3	58.4	58.6	58.9	58.9	59.1	59.1	59.2	59.2	59.2	59.5	59.5
IV 16000	27.2	57.0	57.8	58.9	59.0	59.1	59.3	59.6	59.6	59.8	59.8	59.9	59.9	59.9	60.2	60.2
IV 14000	27.9	57.9	58.7	59.8	59.9	60.0	60.3	60.6	60.6	60.9	60.9	61.0	61.0	61.0	61.2	61.2
IV 12000	28.1	58.9	59.7	60.8	60.9	61.0	61.2	61.6	61.6	61.8	61.8	61.9	61.9	61.9	62.2	62.2
IV 10000	29.2	61.1	61.9	63.1	63.2	63.4	63.6	63.9	63.9	64.2	64.2	64.3	64.3	64.3	64.5	64.5
IV 9000	29.7	62.1	62.9	64.1	64.2	64.3	64.5	64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.5	65.5
IV 8000	30.3	63.6	64.4	65.6	65.7	65.8	66.1	66.4	66.4	66.7	66.7	66.8	66.8	66.8	67.0	67.0
IV 7000	30.7	64.3	65.1	66.3	66.4	66.5	66.8	67.1	67.1	67.4	67.4	67.5	67.5	67.5	67.7	67.7
IV 6000	30.7	65.8	66.7	67.8	68.0	68.1	68.3	68.7	68.7	68.9	68.9	69.0	69.0	69.0	69.3	69.3
IV 5000	31.6	68.3	69.3	70.8	71.0	71.2	71.4	71.7	71.7	72.0	72.0	72.1	72.1	72.1	72.3	72.3
IV 4500	32.2	70.7	71.7	73.4	73.6	73.8	74.0	74.3	74.3	74.6	74.6	74.7	74.7	74.7	74.9	74.9
IV 4000	32.2	71.4	72.5	74.1	74.5	74.6	74.8	75.2	75.2	75.4	75.4	75.5	75.5	75.5	75.8	75.8
IV 3500	32.4	73.0	74.1	75.8	76.1	76.2	76.5	76.8	76.8	77.1	77.1	77.2	77.2	77.2	77.4	77.4
IV 3000	33.3	76.8	78.1	80.3	80.7	80.9	81.2	81.6	81.6	81.8	81.8	81.9	81.9	81.9	82.2	82.2
IV 2500	34.6	80.3	81.7	83.9	84.4	84.5	85.0	85.3	85.3	85.6	85.6	85.7	85.7	85.8	86.1	86.1
IV 2000	35.7	82.5	84.3	86.5	87.1	87.2	87.7	88.1	88.1	88.3	88.3	88.4	88.4	88.5	88.8	88.8
IV 1800	35.7	83.3	85.1	87.4	87.9	88.1	88.5	88.9	89.0	89.2	89.2	89.4	89.4	89.5	89.7	89.7
IV 1500	36.2	84.5	86.4	88.8	89.4	89.5	90.0	90.3	90.4	90.7	90.7	90.8	90.8	90.9	91.1	91.1
IV 1200	36.4	85.2	87.2	89.6	90.3	90.4	91.0	91.4	91.5	91.7	91.7	91.8	91.8	92.0	92.2	92.2
IV 1000	36.6	85.8	87.8	90.7	91.5	91.6	92.2	92.6	92.7	92.9	92.9	93.0	93.0	93.1	93.4	93.4
IV 900	36.7	86.5	88.5	91.4	92.6	92.8	93.5	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.7	94.7
IV 800	36.9	86.6	88.7	91.6	92.8	93.0	93.7	94.1	94.2	94.4	94.4	94.6	94.6	94.7	94.9	94.9
IV 700	36.9	87.0	89.2	92.4	93.6	93.9	94.6	94.9	95.0	95.3	95.3	95.4	95.4	95.5	95.7	95.7
IV 600	37.0	87.1	89.7	93.0	94.6	94.8	95.5	95.9	96.0	96.2	96.2	96.3	96.3	96.5	96.7	96.7
IV 500	37.1	87.4	90.0	93.6	95.2	95.5	96.6	96.9	97.0	97.4	97.4	97.5	97.5	97.6	97.9	97.9
IV 400	37.1	87.5	90.2	93.9	95.7	96.2	97.3	97.8	97.9	98.2	98.2	98.3	98.3	98.5	98.7	98.7
IV 300	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.3	98.5	98.8	99.1	99.2	99.2	99.3	99.5	99.5
IV 200	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.3	98.5	98.8	99.2	99.3	99.3	99.4	99.6	99.6
IV 100	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.5	98.7	99.1	99.4	99.5	99.5	99.8	100.0	100.0
IV 0	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.5	98.7	99.1	99.4	99.5	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 AFAPETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12336
 STATION

COLUMBUS AFB MS
 STATION NAME

70,73-81
 YEARS

FEB
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	17.8	46.6	57.2	51.5	53.2	53.3	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	18.8	49.5	53.5	55.0	56.6	56.7	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	19.1	49.9	53.9	55.3	57.0	57.1	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	19.6	50.5	54.5	55.9	57.6	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	20.3	50.9	55.0	56.4	58.0	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	20.7	52.1	56.1	57.6	59.2	59.3	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	21.4	54.0	58.0	59.5	61.1	61.2	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000	21.6	54.8	58.9	60.3	61.9	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000	22.0	55.9	59.9	61.3	63.0	63.1	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	22.7	57.2	61.3	62.8	64.4	64.5	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	23.9	59.0	63.1	64.5	66.2	66.3	66.4	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	24.3	61.0	65.5	67.0	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4500	24.7	62.6	67.3	68.9	70.6	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000	24.7	63.0	67.8	69.5	71.2	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	24.7	64.2	69.3	71.0	72.7	72.8	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3000	25.3	65.5	71.0	72.8	74.7	74.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	26.2	68.8	74.5	76.5	78.4	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2000	28.1	73.4	79.1	81.2	83.1	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	28.4	74.6	80.4	82.5	84.4	84.6	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	29.0	77.4	83.7	85.8	87.7	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	29.1	79.0	85.3	88.1	90.0	90.3	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	29.1	79.4	86.1	88.8	90.7	91.1	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	29.1	79.8	86.5	89.2	91.1	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	29.2	80.1	86.9	89.6	91.5	92.1	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700	29.3	80.5	87.2	90.0	91.8	92.6	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	29.3	80.9	87.8	90.8	93.0	93.9	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	29.3	80.9	88.1	91.5	94.2	95.4	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 400	29.3	81.0	88.2	91.7	94.7	95.9	96.7	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 300	29.3	81.0	88.2	91.7	94.7	96.0	96.8	97.6	97.8	97.9	98.2	98.2	98.5	98.5	98.5	98.5
≥ 200	29.3	81.0	88.2	91.7	94.8	96.1	96.9	97.8	97.9	98.0	98.5	98.5	99.2	99.3	99.4	99.4
≥ 100	29.3	81.0	88.2	91.7	94.8	96.1	96.9	98.0	98.5	98.6	99.1	99.1	99.8	99.9	100.0	100.0
≥ 0	29.3	81.0	88.2	91.7	94.8	96.1	96.9	98.0	98.5	98.6	99.1	99.1	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

123376

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥4	≥0
NO CEILING	17.3	36.2	39.4	42.7	44.7	44.9	45.9	46.5	46.5	46.6	46.7	46.7	46.8	46.8	46.9	46.9
≥ 20000	18.7	39.2	42.9	46.2	48.3	48.6	49.9	50.6	50.6	50.7	50.8	50.8	50.9	50.9	51.1	51.1
IV 18000	18.7	39.2	42.9	46.2	48.3	48.6	49.9	50.6	50.6	50.7	50.8	50.8	50.9	50.9	51.1	51.1
IV 16000	19.7	39.7	43.5	46.9	49.1	49.3	50.6	51.3	51.3	51.4	51.5	51.5	51.7	51.7	51.8	51.8
IV 14000	19.4	40.2	44.1	47.4	49.5	49.8	51.1	51.8	51.8	51.9	52.0	52.0	52.1	52.1	52.2	52.2
IV 12000	20.4	42.0	45.7	49.2	51.3	51.5	52.8	53.5	53.5	53.7	53.8	53.8	53.9	53.9	54.0	54.0
IV 10000	21.4	44.2	48.2	51.7	53.8	54.1	55.3	56.0	56.0	56.1	56.3	56.3	56.4	56.4	56.5	56.5
IV 9000	21.7	45.0	49.1	52.5	54.6	54.8	56.1	56.9	56.9	57.0	57.1	57.1	57.2	57.2	57.3	57.3
IV 8000	22.3	46.6	50.6	54.0	56.1	56.4	57.7	58.4	58.4	58.5	58.6	58.6	58.7	58.7	58.9	58.9
IV 7000	23.3	48.8	53.0	56.4	58.5	58.7	60.0	60.8	60.8	60.9	61.0	61.0	61.1	61.1	61.2	61.2
IV 6000	24.3	50.0	54.3	57.8	59.9	60.2	61.6	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.8	62.8
IV 5000	25.2	52.0	56.5	60.2	62.4	62.6	64.1	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.2	65.2
IV 4500	25.3	53.1	57.8	61.6	64.1	64.3	65.8	66.5	66.5	66.7	66.8	66.8	66.9	66.9	67.0	67.0
IV 4000	25.3	53.7	58.5	62.3	64.8	65.0	66.7	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.8	67.8
IV 3500	25.5	55.1	60.0	63.8	66.4	66.7	68.3	69.0	69.0	69.1	69.3	69.3	69.4	69.4	69.5	69.5
IV 3000	26.1	57.4	62.5	66.3	68.9	69.1	70.8	71.5	71.5	71.6	71.7	71.7	71.9	71.9	72.0	72.0
IV 2500	27.8	61.9	67.4	71.4	74.2	74.5	76.1	76.8	76.8	77.0	77.1	77.1	77.2	77.2	77.3	77.3
IV 2000	28.6	63.7	69.4	73.8	76.6	76.8	78.5	79.3	79.3	79.4	79.6	79.6	79.7	79.7	79.8	79.8
IV 1800	29.1	65.2	71.0	75.4	78.4	78.6	80.4	81.2	81.2	81.3	81.4	81.4	81.6	81.6	81.7	81.7
IV 1500	29.7	67.4	73.4	78.4	81.3	81.6	83.3	84.4	84.4	84.5	84.6	84.6	84.8	84.8	84.9	84.9
IV 1200	29.9	68.3	74.9	80.0	83.1	83.5	85.2	86.4	86.4	86.5	86.6	86.6	86.8	86.8	86.9	86.9
IV 1000	30.1	69.9	77.2	82.7	85.9	86.3	88.2	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.8	89.8
IV 900	30.4	70.3	77.9	83.7	87.4	87.8	89.7	90.9	90.9	91.0	91.1	91.1	91.3	91.4	91.5	91.5
IV 800	30.4	70.8	78.5	84.4	88.4	89.0	91.0	92.2	92.2	92.3	92.4	92.4	92.6	92.7	92.8	92.8
IV 700	30.4	70.9	78.7	84.8	89.2	89.8	91.8	93.1	93.1	93.3	93.4	93.4	93.5	93.6	93.7	93.7
IV 600	30.4	71.2	79.2	85.2	89.8	90.5	92.6	94.1	94.1	94.3	94.4	94.4	94.6	94.7	94.8	94.8
IV 500	30.4	71.3	79.4	85.6	90.2	91.3	93.6	95.5	95.6	96.0	96.1	96.1	96.2	96.3	96.5	96.5
IV 400	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.5	96.7	97.0	97.3	97.3	97.5	97.6	97.8	97.8
IV 300	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.7	97.2	97.6	97.9	98.0	98.3	98.5	98.6	98.6
IV 200	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.8	97.3	97.9	98.2	98.6	98.9	99.3	99.5	99.6
IV 100	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.8	97.3	97.9	98.2	98.6	99.1	99.4	99.8	100.0
IV 0	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.8	97.3	97.9	98.2	98.6	99.1	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 640

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

120376

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1900-1100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	27.4	40.1	41.3	42.1	42.3	42.6	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.7
≥ 20000	32.7	45.5	46.7	47.5	47.8	48.0	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	32.2	45.6	46.8	47.6	47.9	48.1	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000	32.4	45.9	47.0	47.9	48.1	48.3	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 14000	33.5	47.0	48.2	49.1	49.3	49.5	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 12000	35.0	48.6	49.8	50.6	50.8	51.1	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 10000	36.6	51.4	52.6	53.4	53.7	53.9	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000	37.1	52.7	53.9	54.7	55.0	55.2	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 8000	38.2	54.6	55.9	56.9	57.1	57.3	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	39.4	56.9	58.3	59.2	59.5	59.7	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 6000	39.7	57.6	59.0	59.9	60.3	60.6	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 5000	40.7	59.6	61.1	62.3	62.8	63.1	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 4500	41.9	60.5	62.1	63.2	63.7	64.1	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4000	42.1	62.3	63.8	65.0	65.5	66.0	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3500	42.7	63.9	65.5	66.7	67.3	67.6	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	44.4	66.9	68.6	69.7	70.3	70.7	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2500	45.3	70.1	72.0	73.2	73.8	74.1	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2000	47.3	74.2	76.4	77.7	78.4	79.1	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1800	47.4	75.1	77.2	78.5	79.2	79.9	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1500	47.8	77.5	79.8	81.1	81.8	82.5	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1200	48.8	80.3	82.6	84.2	85.1	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1000	49.1	81.9	85.0	86.9	88.2	88.9	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	49.2	82.9	85.9	87.9	89.6	90.4	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	49.2	83.7	86.9	89.1	91.4	92.3	92.8	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	49.2	83.9	87.1	89.7	92.2	93.3	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	49.2	84.6	87.9	90.9	93.6	94.7	95.3	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	49.2	84.6	88.2	91.3	94.1	95.2	96.0	96.7	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	49.2	85.1	88.8	92.0	95.0	96.2	97.4	98.3	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7236 COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO. REPORTED	39.3	46.2	46.5	46.5	47.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 27000	44.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 18000	45.7	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 15000	45.7	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	46.7	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	47.4	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	49.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	50.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	50.7	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	51.1	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 6000	51.9	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 5000	53.1	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	66.1
≥ 4500	53.4	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4000	55.2	68.4	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	56.6	70.4	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3000	59.1	74.3	74.8	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	61.1	78.7	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	63.9	82.9	83.7	84.2	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800	64.2	83.3	84.2	84.6	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	65.7	86.8	87.8	88.4	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	65.3	88.1	89.6	90.3	90.7	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	66.4	89.1	91.7	91.7	92.7	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	66.7	90.3	92.0	93.0	94.1	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	66.8	90.5	92.3	93.6	94.9	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	66.8	90.9	92.7	94.2	95.6	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	66.8	91.1	93.1	95.0	97.0	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	66.8	91.1	93.1	95.0	97.2	97.8	98.2	98.3	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	66.8	91.3	93.4	95.3	97.5	98.1	98.6	98.7	98.7	98.9	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 845

CLIMATE CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723326

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	42.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 2000	49.5	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 1800	49.9	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1600	50.9	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 1400	51.1	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1200	52.2	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 1000	54.3	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 950	54.6	63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 800	55.4	64.6	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 700	55.7	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 600	56.4	66.5	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 500	58.5	68.8	69.1	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 450	58.9	69.7	70.1	70.4	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 400	60.8	72.3	72.7	73.0	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 350	62.7	74.9	75.3	75.6	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 300	64.5	77.9	78.2	78.6	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 250	65.9	81.2	81.8	82.1	82.6	82.6	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 200	68.0	86.0	86.7	87.1	87.7	87.8	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	68.3	86.9	87.6	87.9	88.5	88.6	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	69.3	88.8	89.5	89.8	90.7	90.8	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	69.8	90.3	91.1	91.5	92.8	92.9	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	70.1	91.4	92.2	92.5	93.8	94.0	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	70.2	91.7	92.5	92.9	94.3	94.7	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	70.7	92.3	93.5	94.0	95.9	96.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	70.7	92.3	93.6	94.2	96.2	96.7	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	70.8	92.5	93.8	94.7	96.9	97.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 645

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

720306

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	39.5	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 2000	42.9	61.2	60.5	60.8	60.8	60.8	60.8	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 1800	43.4	63.9	61.3	61.6	61.6	61.6	61.6	61.7	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 1600	44.0	61.6	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 1400	44.3	62.1	62.5	62.8	62.8	62.8	62.8	62.8	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2
≥ 1200	44.9	62.8	63.2	63.5	63.5	63.5	63.5	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 1000	46.6	65.1	65.6	66.0	66.0	66.0	66.0	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 900	46.6	65.2	65.7	66.1	66.1	66.1	66.1	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 800	47.5	67.6	68.2	68.6	68.6	68.6	68.6	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 700	48.1	68.8	69.4	69.7	69.7	69.7	69.7	69.7	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2
≥ 600	48.7	69.9	70.4	70.9	70.9	70.9	70.9	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 500	50.1	72.8	73.6	74.5	74.7	74.8	74.9	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 450	50.6	74.1	74.9	75.8	76.1	76.2	76.4	76.5	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 400	50.7	75.1	75.9	76.7	77.1	77.2	77.4	77.5	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 350	51.8	77.2	78.1	78.8	79.2	79.3	79.7	79.8	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 300	53.1	78.8	79.9	80.9	81.3	81.4	81.8	81.9	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 250	54.0	81.8	83.1	84.0	84.8	84.9	85.7	85.9	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 200	54.7	84.0	85.3	86.4	87.4	87.6	88.5	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 180	54.7	84.3	85.8	86.9	87.8	88.2	89.1	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 150	55.0	86.3	87.9	89.2	90.3	90.8	91.8	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 120	55.2	87.1	88.9	90.2	91.4	91.8	92.9	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 100	55.4	87.5	89.4	90.7	92.1	92.6	93.6	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 90	55.7	88.4	90.3	91.6	93.1	93.6	94.7	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 80	56.1	89.0	90.9	92.6	94.3	94.8	96.1	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 70	56.0	89.2	91.1	92.8	94.8	95.3	96.6	97.0	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 60	56.1	89.5	91.4	93.0	95.0	95.5	96.8	97.4	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 50	56.4	89.7	91.7	93.6	95.9	96.3	97.8	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 40	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.8	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 30	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.8	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 20	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 10	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

728386 COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	31.3	54.8	56.1	56.1	56.3	56.3	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	33.7	58.3	59.6	59.6	59.7	59.7	59.7	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	33.2	58.6	59.9	59.9	60.0	60.0	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000	33.7	59.5	60.8	60.8	60.9	60.9	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	34.2	60.0	61.3	61.5	61.6	61.6	61.6	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	35.5	61.5	62.9	63.1	63.2	63.2	63.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	36.4	63.2	64.7	64.9	65.0	65.0	65.0	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	36.6	63.6	65.0	65.2	65.4	65.4	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	37.2	65.6	67.1	67.4	67.5	67.5	67.5	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	37.6	67.0	68.6	68.8	68.9	68.9	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	38.2	68.4	70.0	70.3	70.4	70.4	70.4	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	39.7	71.3	72.8	73.5	74.0	74.2	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	40.2	73.3	74.9	75.7	76.1	76.4	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	40.9	75.1	76.7	77.4	78.0	78.3	78.4	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3500	41.4	76.8	78.5	79.2	79.9	80.3	80.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	42.1	78.6	80.6	81.3	82.0	82.4	82.6	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	43.3	81.7	83.9	84.9	85.9	86.3	86.5	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	44.0	83.6	86.1	87.1	88.3	88.7	88.9	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	44.1	84.0	86.5	87.6	88.8	89.1	89.4	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	44.1	85.1	87.6	88.9	90.1	90.5	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	44.7	86.3	89.1	90.5	91.7	92.2	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	44.7	86.4	89.2	90.8	92.0	92.4	93.1	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	44.8	86.6	89.6	91.3	92.4	92.9	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	45.0	86.9	90.2	92.2	93.4	93.9	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	45.0	87.0	90.4	92.4	93.7	94.2	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	45.2	87.1	90.8	93.4	95.3	95.7	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	45.3	87.4	91.3	93.9	96.0	96.6	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	45.3	87.5	91.4	94.0	96.2	96.9	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	45.3	87.5	91.5	94.1	96.3	97.0	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	45.3	87.5	91.5	94.1	96.3	97.0	98.5	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	45.3	87.5	91.5	94.1	96.3	97.0	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	45.3	87.5	91.5	94.1	96.3	97.0	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7253 16

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	29.8	47.3	48.6	49.4	50.0	50.1	50.2	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	33.2	52.3	53.7	54.6	55.1	55.2	55.5	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9
≥ 18000	33.5	52.6	54.1	55.0	55.5	55.6	55.8	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.3	56.3
IV 16000	34.1	53.3	54.8	55.7	56.2	56.3	56.5	56.7	56.7	56.9	56.9	56.9	56.9	56.9	57.0	57.0
IV 14000	34.6	54.0	55.5	56.4	56.9	57.0	57.2	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.7	57.7
IV 12000	35.6	55.2	56.7	57.6	58.2	58.3	58.5	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9
IV 10000	36.9	57.7	59.2	60.2	60.7	60.8	61.0	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5
IV 9000	37.3	58.4	59.9	60.9	61.4	61.5	61.7	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.2
IV 8000	37.9	60.0	61.6	62.6	63.1	63.2	63.5	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9
IV 7000	38.6	61.3	63.0	64.0	64.5	64.6	64.8	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3
IV 6000	39.2	62.6	64.2	65.2	65.8	65.9	66.2	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6
IV 5000	40.4	64.9	66.8	68.0	68.7	68.8	69.1	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6
IV 4500	40.8	66.3	68.2	69.5	70.2	70.4	70.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.2	71.2
IV 4000	41.5	67.7	69.6	70.9	71.7	71.8	72.2	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.7
IV 3500	42.2	69.5	71.4	72.8	73.6	73.8	74.1	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6
IV 3000	43.5	72.0	74.2	75.6	76.5	76.7	77.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.6
IV 2500	44.9	75.6	78.0	79.5	80.5	80.6	81.1	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6
IV 2000	46.3	78.8	81.4	83.0	84.1	84.4	84.9	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.5
IV 1800	46.5	79.6	82.2	83.8	85.0	85.3	85.8	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.4
IV 1500	47.1	81.7	84.5	86.3	87.5	87.8	88.4	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0
IV 1200	47.5	83.1	86.1	88.0	89.4	89.8	90.5	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
IV 1000	47.7	83.9	87.2	89.3	90.9	91.3	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7
IV 900	47.8	84.6	87.9	90.1	91.8	92.3	93.1	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8
IV 800	48.0	85.0	88.5	90.9	92.8	93.4	94.2	94.6	94.6	94.8	94.8	94.8	94.8	94.9	94.9	94.9
IV 700	48.0	85.2	88.8	91.3	93.4	94.0	94.9	95.3	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6
IV 600	48.1	85.5	89.2	92.0	94.4	95.0	96.0	96.5	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8
IV 500	48.2	85.6	89.5	92.4	95.0	95.7	96.9	97.5	97.5	97.8	97.9	97.9	97.9	97.9	98.0	98.0
IV 400	48.2	85.7	89.6	92.6	95.3	96.2	97.4	98.1	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8
IV 300	48.2	85.8	89.7	92.6	95.4	96.2	97.6	98.4	98.6	98.9	99.2	99.2	99.3	99.3	99.4	99.4
IV 200	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.4	98.7	99.0	99.3	99.4	99.6	99.6	99.7	99.7
IV 100	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.5	98.8	99.1	99.5	99.5	99.7	99.8	99.9	99.9
IV 0	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.5	98.8	99.1	99.5	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6767

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 16

COLUMBUS AFB MS

70,73-81

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0	
NO CEILING ≥ 20000	24.7	48.9	51.5	50.9	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.4
≥ 18000	26.9	53.4	55.3	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.3
IV 16000	27.2	53.8	55.6	56.1	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.7
IV 14000	27.3	53.9	55.8	56.3	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.9
IV 12000	28.3	54.9	56.9	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	58.0
IV 10000	28.8	55.5	57.4	58.0	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.5
IV 9000	30.5	59.7	60.6	61.2	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.7
IV 8000	31.2	59.5	61.4	61.9	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.5
IV 7000	32.7	62.2	64.2	64.9	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.5
IV 6000	33.4	63.8	65.9	66.7	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2
IV 5000	33.3	65.3	67.7	68.5	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	69.0
IV 4500	34.5	66.9	69.7	71.0	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.7
IV 4000	35.9	68.8	71.8	73.2	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0
IV 3500	36.1	70.4	73.4	74.8	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.7
IV 3000	36.6	71.3	74.3	75.7	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.6
IV 2500	38.0	73.2	76.6	78.1	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9
IV 2000	39.9	77.0	80.3	82.4	83.0	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5
IV 1800	39.9	79.5	82.9	85.2	85.9	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.5
IV 1500	40.1	80.0	83.4	85.7	86.5	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.0
IV 1200	40.4	81.9	85.6	88.1	88.9	88.9	88.9	89.0	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.7
IV 1000	41.2	84.2	87.8	90.6	91.6	91.7	91.7	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.5
IV 900	41.3	85.3	89.0	91.8	92.8	92.9	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.7
IV 800	41.3	85.5	89.2	92.0	93.0	93.2	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.0
IV 700	41.3	86.0	89.8	92.7	94.0	94.2	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.9
IV 600	41.5	86.8	90.6	93.7	94.9	95.4	95.4	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.1
IV 500	41.6	87.2	91.1	94.3	95.7	96.2	96.2	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.3
IV 400	41.6	87.3	91.3	94.7	96.1	96.8	96.8	97.6	97.8	97.8	97.8	98.0	98.1	98.2	98.2	98.2	98.3
IV 300	41.6	87.4	91.5	95.1	96.7	97.5	97.5	98.4	98.7	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.2
IV 200	41.6	87.4	91.5	95.1	96.7	97.6	97.6	98.5	98.8	98.9	98.9	99.2	99.4	99.5	99.5	99.5	99.8
IV 100	41.6	87.4	91.6	95.2	96.8	97.7	97.7	98.6	99.0	99.1	99.1	99.4	99.5	99.6	99.6	99.6	100.0
IV 0	41.6	87.4	91.6	95.2	96.8	97.7	97.7	98.6	99.0	99.1	99.1	99.4	99.5	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6
 STATION

COLUMBUS AFB MS
 STATION NAME

70, 73-81
 YEARS

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	17.3	39.6	42.4	43.8	44.2	44.2	44.3	44.5	44.7	44.8	44.9	45.1	45.2	45.3	45.3	45.4
≥ 20000	19.0	44.0	46.9	48.5	46.9	48.9	49.0	49.2	49.5	49.6	49.8	49.9	50.1	50.2	50.2	50.3
≥ 18000	19.1	44.1	47.1	48.8	49.2	49.2	49.4	49.6	49.8	49.9	50.1	50.2	50.4	50.5	50.5	50.6
≥ 16000	19.8	44.8	47.8	49.6	50.0	50.0	50.1	50.3	50.5	50.6	50.9	51.0	51.2	51.3	51.3	51.4
≥ 14000	20.9	46.2	49.2	51.0	51.4	51.4	51.5	51.7	51.9	52.0	52.3	52.4	52.6	52.7	52.7	52.8
≥ 12000	21.5	47.6	51.0	52.7	53.1	53.1	53.2	53.4	53.7	53.8	54.0	54.1	54.3	54.4	54.4	54.5
≥ 10000	22.0	49.2	52.6	54.3	54.7	54.7	54.8	55.1	55.3	55.4	55.6	55.7	55.9	56.0	56.0	56.1
≥ 9000	22.9	50.5	53.9	55.6	56.0	56.0	56.1	56.3	56.6	56.7	56.9	57.0	57.2	57.3	57.3	57.4
≥ 8000	23.5	52.9	56.3	58.1	58.5	58.5	58.6	58.8	59.0	59.1	59.4	59.5	59.7	59.8	59.8	59.9
≥ 7000	24.3	54.5	58.0	59.7	60.1	60.1	60.2	60.4	60.6	60.8	61.0	61.1	61.3	61.4	61.4	61.5
≥ 6000	25.1	56.5	60.0	61.7	62.2	62.2	62.4	62.6	62.8	62.9	63.1	63.2	63.4	63.5	63.5	63.7
≥ 5000	25.2	58.3	61.9	63.9	64.3	64.3	64.5	64.7	64.9	65.1	65.3	65.4	65.6	65.7	65.7	65.8
≥ 4500	25.3	60.0	63.7	65.9	66.5	66.5	66.7	66.9	67.1	67.2	67.4	67.5	67.7	67.8	67.8	68.0
≥ 4000	25.7	61.2	64.8	67.1	67.6	67.6	67.8	68.1	68.3	68.4	68.6	68.7	68.9	69.0	69.0	69.1
≥ 3500	26.0	61.8	65.8	68.2	68.7	68.7	68.9	69.1	69.4	69.5	69.7	69.8	70.0	70.1	70.1	70.2
≥ 3000	26.9	63.7	67.7	70.5	71.2	71.2	71.4	71.6	71.8	71.9	72.2	72.3	72.5	72.6	72.6	72.7
≥ 2500	27.6	67.1	71.6	74.6	75.3	75.5	75.7	75.9	76.1	76.2	76.5	76.6	76.8	76.9	76.9	77.0
≥ 2000	29.2	72.0	76.8	79.9	80.5	80.9	81.4	81.6	81.8	81.9	82.2	82.3	82.5	82.6	82.6	82.7
≥ 1800	29.5	72.5	77.2	80.3	81.0	81.3	81.8	82.0	82.3	82.4	82.6	82.7	82.9	83.0	83.0	83.1
≥ 1500	30.9	76.2	81.1	84.2	84.9	85.3	85.9	86.5	86.7	86.8	87.0	87.1	87.3	87.4	87.4	87.5
≥ 1200	31.8	78.8	83.8	86.9	87.7	88.2	88.8	89.4	89.6	89.7	89.9	90.0	90.2	90.3	90.3	90.4
≥ 1000	32.0	80.6	85.6	88.9	89.8	90.2	90.9	91.4	91.6	91.7	91.9	92.0	92.3	92.4	92.4	92.5
≥ 900	32.0	81.0	85.9	89.2	90.2	90.6	91.3	91.8	92.0	92.2	92.4	92.5	92.7	92.8	92.8	92.9
≥ 800	32.0	81.8	86.8	90.1	91.1	91.5	92.3	92.8	93.0	93.1	93.3	93.4	93.7	93.8	93.8	93.9
≥ 700	32.0	81.9	86.9	90.2	91.3	91.7	92.5	93.0	93.2	93.3	93.5	93.7	94.0	94.1	94.1	94.2
≥ 600	32.2	82.7	88.0	91.7	93.0	93.4	94.2	94.7	94.9	95.1	95.3	95.4	95.7	95.8	95.8	95.9
≥ 500	32.2	83.0	88.4	92.4	93.8	94.3	95.3	95.8	96.0	96.1	96.3	96.5	96.8	96.9	96.9	97.0
≥ 400	32.2	83.1	88.6	92.7	94.4	95.1	96.5	97.2	97.5	97.6	97.8	98.0	98.3	98.4	98.4	98.6
≥ 300	32.2	83.2	88.7	92.8	94.5	95.2	96.6	97.4	97.8	98.0	98.2	98.3	98.6	98.7	98.7	98.9
≥ 200	32.2	83.4	88.8	93.0	94.7	95.4	96.8	97.7	98.2	98.3	98.6	98.7	99.0	99.1	99.5	99.7
≥ 100	32.2	83.4	88.9	93.0	94.7	95.4	96.8	97.7	98.2	98.3	98.6	98.7	99.0	99.1	99.5	100.0
≥ 0	32.2	83.4	88.9	93.0	94.7	95.4	96.8	97.7	98.2	98.3	98.6	98.7	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2
 FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7203.6 COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	18.0	32.4	34.4	35.2	36.6	37.3	37.5	37.8	37.8	38.1	38.1	38.2	38.3	38.3	38.3	38.5
≥ 20000	19.8	37.1	39.7	41.0	42.6	43.3	43.5	44.0	44.0	44.2	44.2	44.3	44.4	44.5	44.6	44.8
IV 18000	19.9	37.3	39.9	41.2	42.8	43.5	43.8	44.2	44.2	44.4	44.4	44.5	44.6	44.7	44.8	45.1
IV 16000	20.5	38.0	40.8	42.0	43.7	44.4	44.6	45.1	45.1	45.3	45.3	45.4	45.5	45.6	45.7	45.9
IV 14000	21.4	39.1	41.9	43.3	44.9	45.7	45.9	46.3	46.3	46.6	46.6	46.7	46.8	46.9	47.7	47.2
IV 12000	22.0	41.6	44.7	46.1	47.7	48.5	48.7	49.1	49.1	49.4	49.4	49.5	49.6	49.7	49.8	50.0
IV 10000	24.0	44.4	47.7	49.1	50.8	51.5	51.7	52.2	52.2	52.4	52.4	52.5	52.6	52.7	52.9	53.0
IV 9000	24.9	45.9	49.2	50.6	52.3	53.0	53.2	53.7	53.7	53.9	53.9	54.0	54.1	54.2	54.3	54.5
IV 8000	26.5	49.0	52.7	54.3	56.0	56.8	57.0	57.4	57.4	57.6	57.6	57.7	57.8	58.0	58.1	58.3
IV 7000	27.0	50.5	54.2	55.8	57.5	58.4	58.6	59.0	59.1	59.4	59.4	59.5	59.6	59.7	59.8	60.0
IV 6000	27.6	52.3	55.9	57.5	59.2	60.1	60.4	61.0	61.1	61.4	61.4	61.5	61.6	61.7	61.8	62.0
IV 5000	28.7	54.3	58.0	59.7	61.4	62.3	62.6	63.1	63.2	63.5	63.5	63.7	63.8	63.9	64.1	64.2
IV 4500	29.2	55.6	59.4	61.2	62.9	63.8	64.2	64.7	64.8	65.2	65.2	65.3	65.4	65.5	65.6	65.8
IV 4000	29.7	56.8	60.5	62.4	64.1	64.9	65.4	66.0	66.1	66.5	66.5	66.6	66.7	66.8	66.9	67.1
IV 3500	30.3	58.1	61.8	63.7	65.4	66.2	66.7	67.3	67.4	67.7	67.7	67.8	68.0	68.1	68.2	68.4
IV 3000	31.1	60.1	64.0	65.9	67.7	68.6	69.0	69.7	69.8	70.1	70.1	70.2	70.3	70.4	70.5	70.8
IV 2500	32.0	62.2	66.1	68.2	70.3	71.3	71.8	72.5	72.6	72.9	72.9	73.0	73.1	73.2	73.3	73.7
IV 2000	34.0	66.6	70.9	72.9	75.2	76.5	77.2	77.8	78.1	78.4	78.4	78.5	78.7	78.8	78.9	79.2
IV 1800	34.1	67.3	71.7	73.8	76.1	77.4	78.2	78.8	79.0	79.4	79.4	79.5	79.7	79.8	79.9	80.2
IV 1500	35.1	70.6	75.3	77.5	79.9	81.2	82.0	82.7	82.9	83.2	83.2	83.3	83.5	83.7	83.8	84.1
IV 1200	35.9	72.7	77.7	80.2	82.9	84.2	85.1	85.7	85.9	86.2	86.2	86.3	86.6	86.7	86.8	87.1
IV 1000	36.0	74.6	80.0	82.6	85.4	87.1	88.1	88.8	89.0	89.4	89.4	89.5	89.7	89.8	89.9	90.2
IV 900	36.0	74.8	80.3	82.9	85.8	87.5	88.5	89.4	89.6	89.9	89.9	90.0	90.2	90.3	90.4	90.8
IV 800	36.3	76.2	81.9	84.6	87.5	89.2	90.3	91.3	91.5	91.8	91.8	91.9	92.2	92.3	92.4	92.7
IV 700	36.5	76.8	82.6	85.4	88.5	90.3	91.4	92.4	92.6	92.9	92.9	93.0	93.2	93.3	93.4	93.8
IV 600	36.5	77.3	83.1	86.1	89.8	91.6	92.8	93.9	94.1	94.4	94.4	94.5	94.7	94.8	94.9	95.3
IV 500	36.6	78.0	83.8	87.0	90.9	92.8	94.1	95.3	95.5	95.8	95.8	95.9	96.1	96.2	96.3	96.7
IV 400	36.6	78.1	83.9	87.1	91.2	93.3	94.8	96.2	96.5	96.8	96.9	97.0	97.2	97.3	97.4	98.1
IV 300	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.6	98.2	98.5	98.6	98.8	99.6
IV 200	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.7	98.4	98.9	99.0	99.2	100.0
IV 100	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.7	98.4	98.9	99.0	99.2	100.0
IV 0	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.7	98.4	98.9	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7203

COLUMBUS AFB MS

70, 73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.6	38.2	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	34.3	44.1	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 18000	34.7	44.7	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 16000	34.7	44.9	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 14000	35.4	46.5	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 12000	36.6	48.5	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 10000	39.6	51.4	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 9000	39.6	52.7	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	41.1	55.1	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000	42.9	57.6	58.5	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	43.9	58.8	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 5000	44.8	61.5	61.6	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4500	45.1	60.9	61.9	62.5	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 4000	45.9	62.7	63.9	64.4	64.5	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	46.9	64.3	65.5	66.1	66.2	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3000	48.5	66.7	67.8	68.5	68.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 2500	51.4	70.6	72.0	72.8	73.1	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 2000	52.9	73.2	74.7	75.8	76.3	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1800	53.4	74.5	76.1	77.2	77.8	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1500	55.9	78.4	80.3	81.6	82.3	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	56.9	81.1	83.5	85.1	85.8	86.3	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	58.0	83.2	86.2	88.0	89.0	89.9	90.3	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	58.1	84.2	87.4	89.1	90.2	91.2	91.6	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	58.1	84.8	88.6	90.3	91.5	92.6	93.2	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	58.5	85.7	89.5	91.4	92.7	93.9	94.6	95.1	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	58.7	86.3	90.4	92.7	94.0	95.3	96.2	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	58.7	86.6	90.8	93.0	94.4	95.7	96.8	97.4	97.7	98.0	98.3	98.4	98.4	98.4	98.4	98.4
≥ 400	58.7	86.6	90.8	93.1	94.6	96.1	97.3	98.1	98.4	98.6	98.9	99.0	99.1	99.1	99.1	99.1
≥ 300	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.5	99.6	99.7	99.7	99.7	99.7
≥ 200	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.6	99.7	99.8	99.8	99.9	100.0
≥ 100	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.6	99.7	99.8	99.8	99.9	100.0
≥ 0	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72336

COLUMBUS AFB MS

70, 73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

HOURS (L.G.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	36.7	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 2000	44.7	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV ≥ 18000	44.4	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV ≥ 6000	44.7	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV ≥ 14000	46.9	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV ≥ 2000	48.8	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV ≥ 3000	49.7	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV ≥ 9000	50.2	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV ≥ 8000	51.7	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV ≥ 7000	53.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV ≥ 6000	53.9	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV ≥ 5000	55.2	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV ≥ 4500	55.6	68.0	68.0	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 ≥ 4000	57.1	69.7	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV ≥ 3500	58.9	72.0	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV ≥ 3000	61.2	75.5	75.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV ≥ 2500	63.7	79.0	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV ≥ 2000	65.9	83.1	83.4	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV ≥ 1800	66.9	84.2	84.5	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV ≥ 1500	67.1	87.5	88.1	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV ≥ 1200	67.7	89.6	90.4	91.4	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV ≥ 1000	67.8	90.2	91.5	92.7	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
IV ≥ 900	68.0	90.4	91.7	92.9	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
IV ≥ 800	68.1	91.5	93.1	94.6	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
IV ≥ 700	68.3	92.2	94.0	95.7	96.9	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IV ≥ 600	68.4	92.7	94.5	96.5	97.8	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV ≥ 500	68.4	93.0	94.9	96.9	98.4	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV ≥ 400	68.4	93.0	94.9	97.0	98.5	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV ≥ 300	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV ≥ 200	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV ≥ 100	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV ≥ 0	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1233 J6

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	39.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 18000 IV 16000	47.2	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 14000 IV 12000	47.7	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 10000 IV 9000	48.9	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 8000 IV 7000	51.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 6000 IV 5000	52.6	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 4500 IV 4000	53.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 3500 IV 3000	55.9	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	65.8
IV 2500 IV 2000	56.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 1800 IV 1500	58.1	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 1200 IV 1000	58.9	71.0	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 900 IV 800	59.6	71.8	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 700 IV 600	61.0	74.7	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 500 IV 400	63.4	77.6	78.1	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 300 IV 200	65.2	80.8	81.2	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 100 IV 0	67.6	84.7	85.6	85.9	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	68.7	87.1	88.1	88.6	89.0	89.2	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
	68.7	87.3	88.4	88.9	89.4	89.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	69.1	89.6	90.6	91.5	91.9	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	69.2	90.8	92.0	93.0	93.4	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	69.6	91.7	93.1	94.2	94.7	94.9	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
	69.6	91.9	93.3	94.4	94.9	95.2	95.6	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
	69.7	92.5	93.9	94.9	95.7	96.1	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
	69.7	92.9	94.3	95.6	96.5	96.9	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
	70.0	93.3	94.8	96.1	97.1	97.5	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
	70.0	93.5	95.3	96.6	97.5	98.0	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1283 16

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0	
NO CEILING	37.7	48.0	48.7	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2
≥ 20000	43.9	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4
IV 18000	44.4	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3
IV 16000	44.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8
IV 14000	46.5	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6
IV 12000	46.9	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0
IV 10000	48.4	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2
IV 9000	48.9	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3
IV 8000	51.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2
IV 7000	52.0	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2
IV ≥ 6000	53.1	71.3	71.4	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8
IV 5000	54.2	73.4	73.5	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4
IV ≥ 4500	54.6	74.0	74.2	74.7	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
IV 4000	56.3	77.1	77.4	78.0	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5
IV 3500	57.5	79.5	79.9	80.4	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1
IV 3000	58.4	82.8	83.4	84.0	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6
IV 2500	59.1	85.7	86.3	87.0	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
IV 2000	59.6	87.1	87.7	88.6	89.1	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9
IV 1800	59.6	87.3	88.0	88.8	89.4	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
IV 1500	60.2	89.7	90.5	91.7	92.4	92.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3
IV 1200	60.4	90.5	91.4	92.6	93.3	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
IV 1000	60.4	91.0	91.9	93.1	93.9	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1
IV 900	60.4	91.2	92.2	93.3	94.1	94.5	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
IV 800	60.5	91.5	92.5	93.8	94.7	95.4	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7
IV 700	60.5	92.0	93.0	94.4	95.5	96.2	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
IV 600	60.5	92.3	93.2	94.8	96.0	96.8	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4
IV 500	60.5	92.6	93.5	95.2	96.3	97.3	98.2	98.6	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 400	60.5	92.7	93.8	95.4	96.6	97.5	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 300	60.5	92.7	93.8	95.5	96.7	97.6	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	60.5	92.7	93.8	95.6	96.9	97.8	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	60.5	92.7	93.8	95.6	96.9	97.8	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	60.5	92.7	93.8	95.6	96.9	97.8	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376
 STATION

COLUMBUS AFB MS
 STATION NAME

70,73-81
 YEARS

MAP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	30.9	51.4	51.6	51.7	52.2	52.2	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 2000	34.5	56.9	57.2	57.3	57.7	57.7	57.7	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1800	34.9	58.2	58.5	58.6	59.0	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 1600	35.3	58.5	58.8	58.9	59.4	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 1400	36.3	59.5	59.8	59.9	60.3	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 1200	37.1	61.4	61.7	61.8	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 1000	38.8	65.1	65.6	65.7	66.1	66.1	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 800	40.4	68.2	68.7	68.8	69.2	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 700	41.0	69.4	70.4	70.6	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 600	41.1	69.9	71.1	71.4	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 500	42.2	71.4	72.8	73.2	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 450	42.6	72.3	73.8	74.2	74.8	74.8	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 400	43.3	74.5	76.0	76.6	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 350	43.9	75.8	77.3	77.8	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 300	45.3	79.0	80.6	81.3	81.9	81.9	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 250	46.7	82.5	84.5	85.3	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 200	47.2	84.7	87.0	88.0	89.1	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 180	47.2	85.4	87.7	88.7	89.9	90.0	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 150	47.8	87.2	89.8	90.8	92.0	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 120	48.5	88.4	91.0	91.9	93.2	93.3	93.7	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 100	48.5	89.0	91.7	93.0	94.4	94.5	94.8	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 90	48.5	89.0	91.8	93.1	94.8	94.9	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 80	48.6	89.5	92.4	93.7	95.5	95.6	95.9	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 70	48.8	89.7	92.8	94.2	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 60	48.8	89.9	93.1	94.5	96.6	97.0	97.5	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 50	48.8	90.0	93.4	95.2	97.2	97.6	98.5	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 40	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7
≥ 30	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8
≥ 20	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8
≥ 10	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8
≥ 0	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION COLUMBUS AFB MS

70,73-81

YEAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	29.3	42.9	43.8	44.1	44.4	44.5	44.6	44.7	44.7	44.8	44.8	44.8	44.9	44.9	44.9	44.9
≥ 2000	33.6	49.6	50.6	51.1	51.5	51.5	51.6	51.7	51.7	51.8	51.8	51.9	51.7	51.9	51.9	52.0
IV 1800	34.7	50.3	51.3	51.8	52.2	52.3	52.3	52.4	52.5	52.5	52.5	52.6	52.6	52.7	52.7	52.7
IV 1600	34.4	50.8	51.8	52.3	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.1	53.1	53.2	53.2	53.2
IV 1400	35.5	52.2	53.3	53.8	54.2	54.2	54.3	54.4	54.4	54.5	54.5	54.6	54.6	54.6	54.7	54.7
IV 1200	37.7	54.1	55.3	55.8	56.1	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.7
≥ 1000	38.1	56.6	57.8	58.3	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.2	59.2	59.2
IV 900	38.7	57.6	58.8	59.3	59.7	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2
≥ 800	40.3	60.3	61.7	62.3	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.2
IV 700	41.4	62.2	63.7	64.3	64.6	64.7	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.2	65.2
IV 600	42.0	63.6	65.1	65.8	66.1	66.3	66.3	66.5	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.8
IV 500	43.0	65.4	67.0	67.8	68.3	68.4	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9
IV 450	43.5	66.4	68.1	69.0	69.5	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2
IV 400	44.4	68.4	70.1	71.1	71.6	71.7	71.9	72.0	72.0	72.1	72.1	72.2	72.2	72.3	72.3	72.3
IV 350	45.4	70.1	71.9	72.8	73.3	73.5	73.6	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.1
IV 300	46.7	72.7	74.6	75.7	76.2	76.4	76.6	76.7	76.7	76.8	76.8	76.9	76.9	77.0	77.0	77.0
IV 250	48.4	76.1	78.2	79.5	80.1	80.4	80.6	80.7	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.1
IV 200	49.6	79.2	81.4	82.8	83.6	84.0	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.8	84.8	84.8
IV 1800	49.9	79.8	82.1	83.5	84.4	84.7	85.0	85.2	85.3	85.3	85.4	85.4	85.5	85.5	85.5	85.6
IV 1500	50.4	82.6	85.2	86.8	87.7	88.1	88.4	88.6	88.7	88.8	88.8	88.8	88.9	88.9	89.0	89.0
IV 1200	51.5	84.5	87.2	89.0	90.0	90.4	90.8	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.4	91.4
IV 1000	51.7	85.7	88.6	90.5	91.7	92.2	92.6	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.4
≥ 900	51.7	86.0	89.0	90.9	92.1	92.7	93.2	93.5	93.6	93.7	93.7	93.8	93.8	93.9	93.9	94.0
IV 800	51.8	86.7	89.9	91.8	93.2	93.8	94.4	94.7	94.8	94.9	95.0	95.0	95.1	95.1	95.2	95.2
IV 700	52.0	87.2	90.5	92.6	94.0	94.8	95.4	95.7	95.8	95.9	96.0	96.0	96.1	96.2	96.2	96.3
IV 600	52.1	87.7	91.0	93.3	95.0	95.8	96.5	96.9	97.0	97.2	97.2	97.3	97.4	97.4	97.4	97.5
IV 500	52.1	88.0	91.4	93.9	95.6	96.4	97.3	97.7	97.9	98.1	98.2	98.2	98.3	98.4	98.4	98.4
IV 400	52.1	88.1	91.5	94.1	95.9	96.9	97.9	98.4	98.6	98.8	98.8	98.9	99.0	99.1	99.1	99.3
IV 300	52.1	88.1	91.6	94.1	96.0	97.0	98.0	98.6	98.8	99.0	99.2	99.3	99.4	99.5	99.5	99.7
IV 200	52.1	88.1	91.6	94.2	96.0	97.0	98.1	98.6	98.9	99.1	99.3	99.4	99.6	99.7	99.8	99.9
IV 100	52.1	88.1	91.6	94.2	96.0	97.0	98.1	98.7	98.9	99.1	99.3	99.4	99.6	99.7	99.8	100.0
IV 0	52.1	88.1	91.6	94.2	96.0	97.0	98.1	98.7	98.9	99.1	99.3	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
 METAC
 AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

STATION 13 4 COLUMBUS AFB MS

YEARS 70, 73-81

MONTH

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1990-0200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ 0	≥ 0		
NO. OBS.	24.1	58.1	60.6	60.8	61.6	61.8	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.4	62.4
≥ 2000	26.6	64.6	67.0	67.2	68.0	68.3	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.7	69.0
≥ 1800	26.7	64.8	67.2	67.4	68.2	68.6	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.2	69.2
≥ 1500	27.0	65.4	67.9	68.1	68.9	69.2	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.9	69.9
≥ 1400	27.6	66.3	68.8	69.0	69.8	70.1	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.8	70.8
≥ 1200	28.3	67.9	70.2	70.4	71.2	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.2	72.2
≥ 1000	29.3	69.6	72.0	72.2	73.0	73.3	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9	74.0	74.0
≥ 900	29.3	69.9	72.4	72.7	73.4	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.4	74.4
≥ 800	29.6	71.3	73.9	74.2	75.0	75.3	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.2	76.2
≥ 700	30.7	73.2	75.8	76.2	77.0	77.3	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.2	78.2
≥ 600	31.2	73.8	76.3	76.8	77.6	77.9	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.8	78.8
≥ 500	31.3	75.2	78.1	78.7	79.6	79.9	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.8	80.8
≥ 450	32.3	76.9	80.1	80.8	81.8	82.1	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9	83.0	83.0
≥ 400	33.7	78.3	81.6	82.2	83.3	83.7	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.6	84.6
≥ 350	33.3	79.3	82.6	83.4	84.6	84.9	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.8	85.8
≥ 300	33.7	80.1	83.3	84.4	85.6	85.9	86.1	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.8	86.8
≥ 250	34.4	83.1	86.3	87.7	89.0	89.3	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.2	90.2
≥ 200	35.0	84.3	87.9	89.3	90.8	91.1	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	92.0	92.0
≥ 180	35.3	85.1	88.7	90.1	91.6	91.9	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.9	92.9
≥ 150	35.7	86.1	90.1	91.7	93.2	93.6	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.6	94.6
≥ 120	36.3	86.8	91.3	93.1	94.9	95.2	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.2	96.2
≥ 100	36.3	87.2	91.9	93.8	95.6	95.9	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.0	97.0
≥ 90	36.3	87.8	92.4	94.6	96.3	96.7	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.8	97.8
≥ 80	36.3	88.7	92.7	94.8	96.6	97.1	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.2	98.2
≥ 70	36.3	88.2	92.9	95.0	96.8	97.4	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.7	98.7
≥ 60	36.3	88.4	93.1	95.3	97.1	97.8	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.1
≥ 50	36.3	88.4	93.1	95.4	97.2	97.9	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2
≥ 40	36.3	88.6	93.2	95.6	97.7	98.3	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.7
≥ 30	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8
≥ 20	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8
≥ 10	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	99.9
≥ 0	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1233 6 COLUMBUS AFB MS

70, 73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES																
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	
≥ 8000	15.1	44.7	53.1	55.4	56.7	57.2	57.7	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.2	58.2
≥ 7000	16.3	53.8	57.7	60.3	61.7	62.4	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.6	63.6
≥ 6000	16.3	53.8	57.7	60.3	61.7	62.4	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.6	63.6
≥ 5000	17.1	54.6	58.4	61.1	62.4	63.2	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.3	64.3
≥ 4500	17.6	55.4	59.6	62.2	63.6	64.3	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.4	65.4
≥ 4000	17.6	56.3	67.4	63.1	64.4	65.2	65.7	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3
≥ 3500	19.0	59.1	63.2	65.9	67.2	68.0	68.4	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.1	69.1
≥ 3000	19.0	59.3	63.4	66.1	67.4	68.2	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.3	69.3
≥ 2800	19.1	60.9	65.5	68.2	69.7	70.4	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.7	71.7
≥ 2600	20.3	62.8	67.2	70.1	71.6	72.3	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.6	73.6
≥ 2400	21.3	64.0	68.8	71.7	73.1	73.9	74.4	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.1
≥ 2200	21.4	65.6	70.4	73.3	74.9	75.7	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.9	76.9
≥ 2000	21.4	66.9	72.0	74.9	76.4	77.2	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.4	78.4
≥ 1800	21.7	67.9	73.1	76.0	77.9	79.0	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.2	80.2
≥ 1600	21.9	68.6	73.8	76.7	78.6	79.7	80.2	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.9	80.9
≥ 1400	22.3	70.4	75.9	78.8	80.7	81.8	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	83.0	83.0
≥ 1200	22.9	72.6	78.3	81.9	83.9	85.0	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.2	86.2
≥ 1000	23.1	73.7	79.6	83.2	85.2	86.3	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.6	87.6
≥ 900	23.1	74.4	80.3	84.0	86.0	87.1	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.3
≥ 800	23.7	76.8	83.0	86.8	88.8	90.0	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.2	91.2
≥ 700	24.1	78.6	85.2	89.2	91.3	92.6	93.1	93.4	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.8
≥ 600	24.1	79.7	86.7	90.9	93.2	94.4	95.0	95.4	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.9	95.9
≥ 500	24.1	80.1	87.3	91.6	94.0	95.2	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.7	96.7
≥ 400	24.1	80.2	87.7	92.0	94.4	95.8	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.2
≥ 300	24.2	80.4	88.0	92.3	94.8	96.3	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.8	97.8
≥ 200	24.2	80.7	88.3	92.8	95.3	96.9	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 100	24.2	80.9	88.6	93.2	95.9	97.6	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 0	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.4	99.4
≥ 0	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7
≥ 0	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.8	99.8
≥ 0	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.8	99.9
≥ 0	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7236

COLUMBUS AFB MS

70, 73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	22.7	44.1	46.2	47.2	48.0	48.4	48.7	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2
≥ 2000	24.9	50.0	52.6	54.7	55.4	55.9	56.1	56.3	56.4	56.7	56.7	56.7	56.7	56.7	56.7
≥ 1800	25.1	51.1	53.6	55.7	56.4	56.9	57.1	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7
≥ 1500	25.2	51.2	53.8	55.9	56.7	57.1	57.3	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9
≥ 1400	25.6	52.0	54.6	56.7	57.4	57.9	58.1	58.3	58.4	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1200	26.6	53.9	56.4	58.9	59.7	60.1	60.3	60.6	60.7	60.9	60.9	60.9	60.9	60.9	60.9
≥ 1000	27.1	56.0	58.8	61.2	62.1	62.6	62.8	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3
≥ 900	27.3	56.7	59.4	61.9	62.8	63.2	63.4	63.7	63.8	64.0	64.0	64.0	64.0	64.0	64.0
≥ 800	29.1	60.0	63.1	65.9	66.8	67.4	67.7	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3
≥ 700	29.7	62.8	66.1	69.0	69.9	70.6	70.8	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4
≥ 600	30.3	64.0	67.7	70.7	71.7	72.3	72.6	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2
≥ 500	30.4	65.2	69.6	72.8	73.8	74.4	74.7	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3
≥ 450	30.7	65.6	70.1	73.3	74.3	75.0	75.2	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9
≥ 400	30.7	66.4	71.2	74.4	75.4	76.1	76.3	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0
≥ 350	31.4	67.3	72.1	75.3	76.4	77.1	77.3	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0
≥ 300	31.4	68.9	73.9	77.2	78.3	79.0	79.2	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9
≥ 250	32.9	70.7	76.1	79.6	80.7	81.4	81.7	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3
≥ 200	33.3	72.2	77.9	81.4	82.6	83.3	83.6	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2
≥ 180	33.3	73.2	78.9	82.4	83.6	84.3	84.6	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2
≥ 150	34.1	75.1	81.4	85.2	86.4	87.2	87.4	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1
≥ 120	34.1	77.0	83.4	87.4	88.7	89.6	89.9	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6
≥ 100	34.1	77.8	84.6	88.6	90.2	91.1	91.4	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1
≥ 90	34.2	78.7	85.4	89.4	91.1	92.0	92.3	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0
≥ 80	34.2	79.3	86.4	90.7	92.3	93.4	93.8	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 70	34.2	79.8	87.0	91.3	93.1	94.2	94.6	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 60	34.3	80.0	87.3	92.0	94.0	95.1	95.6	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 50	34.4	80.7	88.1	92.8	95.1	96.2	96.7	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 40	34.6	80.9	88.3	93.0	95.3	96.4	97.0	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 30	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 20	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2
≥ 10	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3
≥ 0	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

228316
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	39.1	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2000	44.4	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
≥ 1800	45.4	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1600	46.7	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 1400	46.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1200	46.9	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 1000	47.8	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 900	47.8	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 800	49.6	67.6	68.0	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
≥ 700	50.7	69.1	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
≥ 600	51.1	70.3	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 500	51.8	71.8	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 450	52.2	72.6	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 400	53.6	75.0	75.9	76.2	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 350	54.2	76.3	77.3	77.7	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 300	55.0	77.7	78.8	79.1	79.4	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 250	56.4	81.2	82.6	82.9	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 200	57.1	83.4	85.0	85.4	85.8	85.8	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 180	57.3	84.2	85.9	86.3	86.8	86.8	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 150	57.6	87.1	89.2	89.8	90.2	90.2	90.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 120	58.9	89.3	91.4	92.1	92.6	92.7	92.9	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 100	58.9	90.0	92.3	93.1	93.8	94.0	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 90	59.1	90.4	92.8	93.7	94.3	94.6	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 80	59.3	90.7	93.0	93.9	94.7	94.9	95.1	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 70	59.4	91.1	93.4	94.3	95.1	95.3	95.7	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 60	59.7	92.2	94.7	95.7	96.6	97.0	97.4	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 50	59.8	92.7	95.1	96.2	97.2	97.8	98.6	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 40	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

720316

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	42.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 2000	49.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1800	49.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 1600	50.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 1400	51.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 1200	53.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 1000	55.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 900	55.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 800	56.4	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	66.1	66.1
≥ 700	57.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 600	57.9	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	68.8
≥ 500	59.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 450	60.0	72.2	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 400	62.0	75.7	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 350	65.2	80.0	80.6	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
≥ 300	67.8	84.0	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 250	69.9	87.6	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 200	70.7	89.6	90.3	90.4	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 150	70.8	89.9	90.7	90.8	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 100	71.8	92.2	93.1	93.6	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 120	72.6	93.2	94.1	94.6	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 100	73.3	93.9	94.9	95.4	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 90	73.3	94.0	95.0	95.7	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 80	73.0	94.2	95.2	96.0	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 70	73.2	94.4	95.4	96.2	97.0	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 60	73.3	95.0	96.0	96.8	97.7	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 50	73.4	95.4	96.4	97.3	98.2	98.6	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 40	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 30	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 20	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 10	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

8233 E COLUMBUS AFB MS

70, 73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	49.2	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 2000	57.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 1800	57.8	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 1600	59.3	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 1400	59.6	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 1200	61.3	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1000	63.6	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 900	64.2	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 800	65.2	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 700	65.8	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 600	66.3	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 500	67.1	78.2	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	78.7
≥ 450	69.3	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	81.3
≥ 400	70.8	84.1	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 350	71.8	86.4	87.1	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 300	73.0	88.6	89.2	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 250	74.4	91.6	92.2	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
≥ 200	74.8	92.2	92.9	93.7	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 180	74.8	92.2	93.0	93.8	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 150	75.1	93.0	93.9	95.0	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 120	75.4	94.0	94.9	96.0	96.2	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 100	75.8	94.4	95.3	96.4	96.7	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 90	75.9	94.6	95.4	96.6	96.8	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 80	76.0	94.7	95.6	96.7	96.9	97.0	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 70	76.0	94.8	95.7	96.8	97.0	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 60	76.0	94.9	95.8	97.0	97.3	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 50	76.1	95.3	96.2	97.6	97.9	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 40	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70, 73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	46.1	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 2000	52.6	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1800	53.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1600	53.9	73.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 1400	54.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1200	54.4	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 1000	56.4	75.9	76.2	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
≥ 900	57.2	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 800	57.7	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 700	58.3	79.6	80.0	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
≥ 600	58.8	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 500	59.4	81.3	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 450	59.9	83.4	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 400	61.0	85.8	86.4	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 350	61.7	87.7	88.3	88.9	88.9	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 300	62.4	88.9	89.6	90.1	90.1	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 250	63.2	90.9	91.6	92.2	92.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 200	63.2	91.1	91.9	92.6	92.6	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 180	63.2	91.2	92.0	92.7	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 150	63.4	92.6	93.3	94.0	94.6	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 120	63.8	92.9	93.7	94.3	95.1	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 100	64.7	93.1	93.9	94.7	95.4	95.9	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 90	64.0	93.2	94.0	94.8	95.6	96.0	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 80	64.0	93.2	94.1	94.9	95.8	96.3	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 70	64.0	93.2	94.1	95.0	95.9	96.4	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 60	64.0	93.6	94.6	95.6	96.6	97.2	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 50	64.0	93.6	94.6	95.6	96.6	97.2	98.4	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 40	64.0	93.6	94.6	95.6	96.8	97.6	98.8	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	35.7	62.2	62.8	63.2	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	38.6	69.0	69.7	70.1	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	33.8	69.3	70.0	70.4	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	39.4	70.1	70.8	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
≥ 14000	39.6	70.7	71.3	71.8	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	40.2	72.3	73.0	73.4	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	40.9	73.4	74.1	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	41.2	73.9	74.7	75.1	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	41.8	75.7	76.7	77.2	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 7000	42.1	77.2	78.2	78.8	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	42.7	78.0	79.0	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	43.4	79.4	80.7	81.6	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	43.9	80.9	82.3	83.2	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	45.1	83.1	84.6	85.4	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	45.2	84.3	85.9	86.9	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	45.7	86.6	88.1	89.1	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	46.2	88.7	90.4	91.6	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	46.7	89.6	91.3	92.4	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	46.7	89.7	91.4	92.6	93.1	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	46.9	90.3	92.6	93.9	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	46.8	90.7	92.9	94.4	95.0	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	47.3	91.4	93.7	95.6	96.2	96.7	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	47.4	91.8	94.0	96.0	96.7	97.1	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	47.4	92.1	94.3	96.3	97.0	97.4	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	47.4	92.4	94.9	97.0	97.8	98.3	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	47.4	92.4	94.9	97.0	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	47.4	92.4	94.9	97.0	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	47.4	92.4	94.9	97.0	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	34.2	53.1	54.3	54.8	55.2	55.3	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	39.7	60.7	62.0	62.7	63.1	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 18000	39.1	61.4	62.7	63.4	63.8	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 16000	39.7	62.1	63.4	64.1	64.5	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 14000	40.3	63.0	64.3	65.0	65.4	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 12000	41.2	64.7	66.0	66.8	67.2	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	42.5	67.1	68.4	69.2	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 9500	42.3	67.6	69.3	69.7	70.1	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 8000	43.5	69.4	70.9	71.8	72.2	72.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.8
≥ 7500	44.3	71.1	72.6	73.5	74.0	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6
≥ 6000	44.3	72.0	73.7	74.6	75.1	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7
≥ 5000	45.6	73.5	75.4	76.4	76.9	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6
≥ 4500	46.1	74.9	77.0	78.1	78.6	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	47.3	77.0	79.2	80.3	80.9	81.2	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 3500	48.1	78.8	81.0	82.1	82.8	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6
IV 3000	49.7	80.6	82.9	84.2	84.9	85.2	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 2500	50.1	83.3	85.7	87.2	87.9	88.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8
IV 2000	50.5	84.5	87.1	88.6	89.3	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3
IV 1800	50.6	85.0	87.6	89.1	89.9	90.3	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
IV 1500	51.0	86.7	89.6	91.2	92.1	92.6	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3
IV 1200	51.5	87.8	90.9	92.7	93.6	94.1	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9
IV 1000	51.7	88.4	91.7	93.6	94.7	95.1	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1
IV 900	51.8	88.8	92.1	94.0	95.2	95.6	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
IV 800	51.3	89.1	92.4	94.4	95.6	96.1	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
IV 700	51.9	89.3	92.7	94.8	95.9	96.6	97.2	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 600	51.9	89.7	93.1	95.3	96.6	97.3	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
IV 500	52.0	89.9	93.4	95.6	97.0	97.8	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3
IV 400	52.0	90.0	93.5	95.8	97.2	98.0	98.8	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 300	52.0	90.0	93.5	95.8	97.3	98.1	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	52.0	90.0	93.5	95.8	97.3	98.1	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
IV 100	52.0	90.0	93.5	95.8	97.3	98.1	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0
IV 0	52.0	90.0	93.5	95.8	97.3	98.1	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 6

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-2400
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	15.3	49.5	54.2	58.3	59.6	59.7	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 20000	18.6	56.1	61.3	65.6	67.2	67.3	67.6	67.8	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.3
≥ 18000	19.0	56.5	61.8	66.0	67.6	67.9	68.2	68.3	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.8
≥ 16000	19.5	57.1	62.3	66.6	68.2	68.4	68.7	68.8	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.4
≥ 14000	20.3	58.2	63.4	67.6	69.3	69.5	69.8	69.9	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.5
≥ 12000	20.9	60.2	65.5	69.7	71.4	71.6	71.9	72.0	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.5
≥ 10000	21.4	63.5	69.0	73.2	74.8	75.1	75.4	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	76.0
≥ 9000	21.7	63.8	69.4	73.6	75.3	75.5	75.8	75.9	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.5
≥ 8000	22.3	66.0	71.8	76.3	77.9	78.2	78.5	78.6	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.2
≥ 7000	22.4	67.3	73.3	77.9	79.6	80.1	80.4	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	81.0
≥ 6000	22.9	67.8	73.7	78.3	80.1	80.5	80.8	80.9	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.5
≥ 5000	23.1	68.6	74.7	79.3	81.0	81.5	81.8	81.9	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.5
≥ 4500	23.2	69.4	75.9	80.6	82.4	82.8	83.1	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.8
≥ 4000	23.3	70.7	78.1	83.4	85.4	85.9	86.3	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.9
≥ 3500	23.3	71.2	78.8	84.1	86.1	86.7	87.0	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.7
≥ 3000	24.0	72.5	80.1	85.4	87.4	88.0	88.6	88.7	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.2
≥ 2500	24.3	74.4	82.0	87.6	89.5	90.2	90.7	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4
≥ 2000	24.5	75.4	83.0	88.8	90.8	91.5	92.2	92.3	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.8
≥ 1800	24.7	75.8	83.4	89.2	91.3	91.9	92.6	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1500	24.7	76.5	84.2	90.0	92.0	92.7	93.4	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	94.0
≥ 1200	24.7	76.8	84.5	90.3	92.6	93.2	93.9	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.6
≥ 1000	24.7	78.0	85.7	91.7	94.1	94.8	95.4	95.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1
≥ 900	24.7	78.5	86.3	92.3	94.7	95.3	96.0	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6
≥ 800	24.9	79.0	86.8	93.2	95.8	96.5	97.2	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.8
≥ 700	24.9	79.1	86.9	93.4	96.0	96.7	97.4	97.5	97.7	97.7	97.9	97.9	97.9	97.9	98.1	98.3
≥ 600	24.9	79.4	87.3	93.7	96.6	97.4	98.0	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.8	98.9
≥ 500	24.9	79.5	87.4	94.0	96.9	97.7	98.4	98.5	98.7	98.7	98.9	98.9	98.9	98.9	99.1	99.2
≥ 400	24.9	79.6	87.6	94.2	97.4	98.1	98.8	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.6	99.7
≥ 300	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.9
≥ 200	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	100.0
≥ 100	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	100.0
≥ 0	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7253.6

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING	3.7	35.5	41.3	46.0	50.1	51.9	53.3	54.5	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.4	55.4
≥ 20000	10.2	39.8	45.8	51.6	55.7	57.8	59.4	60.9	61.6	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.0
≥ 18000	10.4	40.4	46.5	52.2	56.4	58.4	60.0	61.6	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.6	62.6
≥ 16000	10.6	40.8	46.9	52.9	57.0	59.1	60.7	62.2	62.9	63.0	63.0	63.0	63.0	63.0	63.3	63.3	63.3
≥ 14000	11.1	41.4	47.4	53.5	57.7	59.7	61.5	63.0	63.7	63.8	63.8	63.8	63.8	63.8	64.2	64.2	64.2
≥ 12000	11.4	42.5	48.6	54.7	59.0	61.0	62.8	64.3	65.0	65.1	65.1	65.1	65.1	65.1	65.5	65.5	65.5
≥ 10000	11.9	45.2	52.2	58.3	62.9	64.9	66.7	68.2	68.9	69.1	69.1	69.1	69.1	69.1	69.4	69.4	69.4
≥ 9000	11.9	45.4	52.6	59.0	63.7	65.8	67.5	69.1	69.8	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.2
≥ 8000	12.1	47.9	55.3	62.1	67.2	69.4	71.1	72.6	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.9	73.9
≥ 7000	12.2	48.3	55.7	62.6	67.8	70.0	71.9	73.4	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.7	74.7
≥ 6000	12.2	48.5	56.4	63.4	68.6	70.9	72.7	74.3	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.6	75.6
≥ 5000	12.4	49.5	57.4	65.0	70.4	72.6	74.5	76.0	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.3	77.3
≥ 4500	12.5	50.9	59.2	66.8	72.1	74.4	76.3	77.9	78.6	78.7	78.7	78.7	78.8	78.8	78.8	79.2	79.2
≥ 4000	12.5	51.7	60.3	68.1	73.5	75.9	77.9	79.4	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.7	80.7
≥ 3500	12.7	52.2	61.6	69.4	74.8	77.2	79.2	80.7	81.4	81.5	81.5	81.5	81.7	81.7	81.7	82.0	82.0
≥ 3000	12.7	53.6	63.0	71.2	76.7	79.0	81.0	82.5	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.8	83.8
≥ 2500	12.7	54.1	63.5	71.8	77.3	79.7	81.7	83.2	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.5	84.5
≥ 2000	12.8	54.9	64.4	73.0	78.7	81.1	83.1	84.6	85.3	85.5	85.5	85.5	85.6	85.7	85.7	86.0	86.0
≥ 1800	12.8	55.4	64.8	73.5	79.3	81.7	83.7	85.2	86.1	86.2	86.2	86.2	86.3	86.4	86.4	86.8	86.8
≥ 1500	12.9	56.7	66.3	75.5	81.4	83.8	85.9	87.4	88.3	88.4	88.4	88.4	88.5	88.6	88.6	88.9	88.9
≥ 1200	13.1	57.2	67.2	76.5	82.8	85.5	87.6	89.1	90.0	90.1	90.1	90.1	90.2	90.3	90.3	90.7	90.7
≥ 1000	13.2	58.6	68.8	78.4	84.9	87.5	89.7	91.3	92.2	92.3	92.3	92.3	92.4	92.5	92.5	92.8	92.8
≥ 900	13.4	59.3	69.6	79.2	85.7	88.3	90.4	92.1	92.9	93.2	93.2	93.2	93.3	93.4	93.4	93.7	93.7
≥ 800	13.5	59.7	70.2	80.0	87.1	89.7	91.9	93.5	94.4	94.6	94.6	94.6	94.7	94.8	94.8	95.1	95.1
≥ 700	13.5	59.8	70.6	80.5	87.8	90.4	92.6	94.2	95.1	95.3	95.3	95.3	95.4	95.5	95.5	96.0	96.0
≥ 600	13.5	60.0	71.0	81.0	88.6	91.2	93.4	95.0	95.9	96.2	96.2	96.2	96.3	96.4	96.4	96.9	96.9
≥ 500	13.5	60.2	71.2	81.3	89.3	92.0	94.1	95.8	96.6	97.0	97.0	97.0	97.1	97.2	97.2	97.6	97.6
≥ 400	13.5	60.4	71.6	82.1	90.0	92.8	95.2	96.9	97.7	98.0	98.2	98.2	98.3	98.4	98.4	98.8	98.8
≥ 300	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.5	98.7	98.7	98.9	99.1	99.1	99.7	99.7
≥ 200	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.6	98.8	98.8	99.0	99.2	99.2	99.9	99.9
≥ 100	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.6	98.8	98.8	99.0	99.2	99.2	99.9	99.9
≥ 0	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.6	98.8	98.8	99.0	99.2	99.2	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 921

2
 FEDERAL CLIMATOLOGY BRANCH
 WAFBETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 6

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	14.7	34.5	38.5	42.2	45.1	46.8	48.4	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2
≥ 20000	15.7	39.7	44.1	48.3	51.6	53.5	55.2	55.7	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.2
≥ 18000	15.9	40.2	44.8	49.0	52.2	54.2	55.9	56.3	56.6	56.6	56.8	56.8	56.8	56.9	56.9	56.9
≥ 16000	16.2	40.6	45.2	49.5	52.8	54.7	56.4	56.9	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.4
≥ 14000	16.6	41.4	46.2	50.7	54.1	56.0	57.7	58.2	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7
≥ 12000	16.8	42.5	47.4	51.9	55.2	57.3	59.0	59.5	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0
≥ 10000	17.3	45.5	50.7	55.8	59.6	61.6	63.4	63.9	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6
≥ 9000	17.4	45.9	51.1	56.5	60.6	62.8	64.5	65.1	65.5	65.6	65.7	65.7	65.7	65.8	65.8	65.8
≥ 8000	17.5	46.3	53.8	59.7	63.9	66.1	67.8	68.3	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1
≥ 7000	17.7	49.0	54.7	60.6	64.9	67.0	68.8	69.3	69.7	69.8	69.9	69.9	69.9	70.1	70.1	70.1
≥ 6000	18.1	49.8	55.8	61.9	66.2	68.4	70.2	70.7	71.1	71.2	71.4	71.4	71.4	71.5	71.5	71.5
≥ 5000	18.2	51.4	57.6	64.3	68.8	71.1	72.9	73.5	73.9	74.1	74.2	74.2	74.2	74.3	74.3	74.3
≥ 4500	18.2	52.4	58.7	65.4	69.8	72.2	73.9	74.6	75.0	75.1	75.2	75.2	75.2	75.4	75.4	75.4
≥ 4000	18.3	53.2	59.7	66.6	71.5	73.9	75.7	76.3	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1
≥ 3500	18.4	53.9	60.4	67.5	72.3	75.0	76.8	77.4	77.8	77.9	78.1	78.1	78.1	78.2	78.2	78.2
≥ 3000	18.6	54.9	61.6	68.6	73.5	76.2	77.9	78.6	79.0	79.1	79.2	79.2	79.2	79.4	79.4	79.4
≥ 2500	18.7	55.7	62.7	70.1	74.9	77.6	79.5	80.1	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9
≥ 2000	18.8	57.1	64.5	72.1	77.1	79.9	81.9	82.6	83.0	83.1	83.2	83.2	83.2	83.4	83.4	83.4
≥ 800	18.8	57.1	64.6	72.3	77.3	80.1	82.3	82.9	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.7
≥ 1500	18.9	59.4	66.9	74.7	79.8	82.6	85.0	85.6	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4
≥ 1200	19.5	60.9	68.9	76.9	82.3	85.1	87.5	88.1	88.5	88.6	88.8	88.8	88.8	88.9	88.9	88.9
≥ 1000	19.9	62.9	71.0	79.2	84.9	87.8	90.2	90.9	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7
≥ 900	20.1	63.5	71.8	80.1	85.7	88.6	91.0	91.8	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.5
≥ 800	20.1	63.8	72.3	80.9	86.6	89.7	92.3	93.1	93.5	93.6	93.7	93.7	93.7	93.8	93.8	93.8
≥ 700	20.1	64.2	72.9	81.6	87.4	90.5	93.1	93.8	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6
≥ 600	20.2	65.0	73.9	83.0	89.3	92.5	95.1	96.0	96.5	96.6	96.8	96.8	96.8	96.9	96.9	96.9
≥ 500	20.2	65.5	74.6	83.9	90.6	93.9	96.6	97.6	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5
≥ 400	20.2	65.5	74.6	83.9	90.9	94.3	97.1	98.1	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.4	98.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4
≥ 200	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.5	99.0	99.1	99.5	99.5	99.6	99.7	99.9	100.0
≥ 100	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.5	99.0	99.1	99.5	99.5	99.6	99.7	99.9	100.0
≥ 0	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.5	99.0	99.1	99.5	99.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

925

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	29.7	48.1	49.4	50.5	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 2000	34.3	55.7	57.2	58.3	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 1800	34.4	56.1	57.6	58.7	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 1600	34.4	56.6	58.1	59.2	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 1400	34.9	57.2	58.7	59.8	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 1200	35.7	59.1	60.6	61.7	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 1000	36.5	62.6	64.5	65.6	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 900	36.6	62.8	64.7	65.8	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 800	37.3	65.7	67.6	68.8	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 700	37.8	67.0	69.0	70.2	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 600	39.7	67.5	69.6	70.8	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 500	38.3	69.1	71.3	73.1	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 450	38.3	70.1	72.3	74.1	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 400	38.5	71.3	73.5	75.3	76.1	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 350	38.7	72.1	74.2	76.2	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 300	39.8	73.7	75.9	77.9	78.7	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 250	40.5	75.4	77.8	79.7	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 200	41.2	78.9	81.4	83.4	84.4	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 180	41.4	79.9	82.5	84.6	85.5	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 150	42.3	83.5	86.3	88.5	89.4	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 120	42.6	86.2	89.1	91.4	92.4	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 100	43.3	87.8	90.7	93.1	94.3	94.6	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 90	43.4	88.2	91.3	93.6	94.8	95.1	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 80	43.5	88.5	91.5	93.9	95.1	95.5	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 70	43.6	89.2	92.3	94.7	96.0	96.3	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 60	43.7	89.8	93.2	95.8	97.2	97.8	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 50	43.7	89.8	93.3	95.9	97.5	98.3	98.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 40	43.7	89.8	93.5	96.1	97.7	98.5	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
 USFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,77-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1900-1900
 HOURS (L.S.T.)

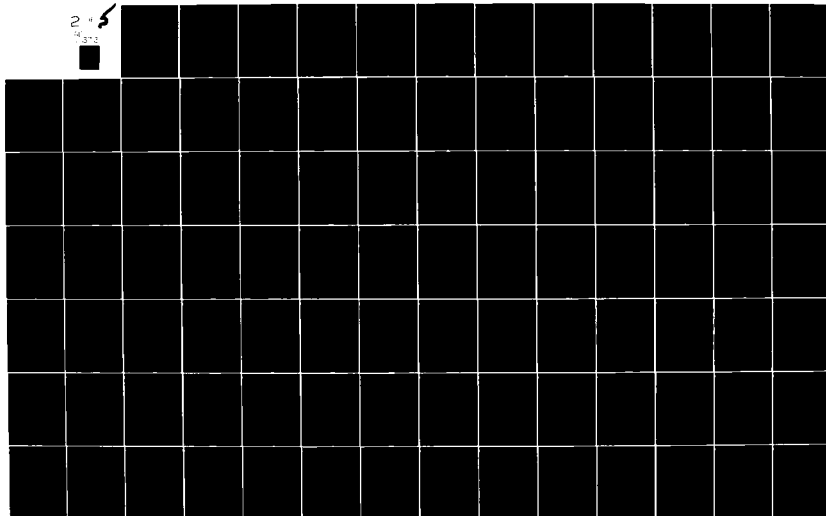
CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥½	≥5/16	≥4	≥3
NO CEILING	36.6	45.1	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 2000	44.4	58.7	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 1800	45.7	59.8	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 1600	46.3	60.7	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 1400	46.7	61.8	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1200	47.7	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	64.0	64.0
≥ 1000	48.4	65.0	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 900	48.4	65.0	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 800	49.6	67.3	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 700	50.3	68.6	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 600	50.6	69.7	70.4	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 500	51.3	72.2	73.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 450	51.3	73.2	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 400	52.4	77.3	79.1	79.6	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 350	54.5	80.5	82.5	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 300	56.0	84.4	86.5	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	57.2	87.3	89.6	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
≥ 2000	57.9	89.3	91.8	92.8	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	58.1	89.6	92.1	93.1	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	58.7	91.6	94.2	95.3	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	58.7	92.0	94.7	95.9	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	58.9	92.6	95.5	96.7	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.5
≥ 900	58.9	92.7	95.6	96.9	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7
≥ 800	59.0	92.9	95.9	97.2	97.6	97.6	97.6	97.8	97.8	97.8	97.8	98.1	98.1	98.2	98.2	98.2
≥ 700	59.1	93.3	96.3	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.7	98.7	98.8	98.8	98.8
≥ 600	59.1	93.4	96.5	98.2	98.6	98.6	98.6	98.8	98.8	98.8	98.8	99.0	99.0	99.1	99.1	99.1
≥ 500	59.1	93.5	96.9	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.4	99.4	99.5	99.5	99.6
≥ 400	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0
≥ 300	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0
≥ 200	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0
≥ 100	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0
≥ 0	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

AD-A113 713 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
COLUMBUS AFB, MISSISSIPPI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(1)
FEB 82
UNCLASSIFIED USAFETAC/DS-82/015 SBI-AD-E850 15A NL

24

373



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12-316 STATION COLUMBUS AFB MS 70,73-81 YEARS JUL MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.5	1.5	.3								9.9	4.6
NNE	1.4	2.7	.8		.1							4.9	4.8
NE	.8	1.2	.2									2.2	4.4
ENE	1.1	.5	.2	.2								2.0	4.5
E	1.4	1.5	.3	.2	.3							3.8	5.7
ESE	1.0	1.0	.8	.6	.1							3.4	7.0
SE	1.1	1.8	1.0	.1								4.0	5.2
SSE	1.7	1.7	.9	.1								4.4	4.6
S	3.2	2.9	1.5									7.6	4.4
SSW	2.8	3.2	.3									6.3	3.7
SW	1.6	1.6	.8	.1								4.1	4.6
WSW	3.2	3.9	1.9	.2								9.2	4.8
W	3.2	4.3	2.2	.3								10.0	5.1
WNW	2.6	3.7	2.0	.2								8.5	5.0
NW	1.4	3.5	1.2									6.1	4.9
NNW	2.4	3.5	1.9	.3								8.2	5.1
VARBL													
CALM												5.3	
	32.4	41.6	17.4	2.8	.5							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

123316 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS JUL MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	5.7	2.6	.5	.1							11.1	5.7
NNE	1.7	2.7	.5	.2	.1							5.3	4.9
NE	1.1	.8	.2	.2								2.3	4.4
ENE	.8	1.1	.6	.4								2.9	6.4
E	1.2	1.4	.6	.4								3.7	6.0
ESE	.6	1.1	1.0	.6	.1							3.4	7.7
SE	1.2	2.0	1.3	.5	.1							5.2	6.0
SSE	1.8	1.8	1.0	.1								4.7	4.8
S	4.2	5.4	1.5									11.1	4.3
SSW	2.4	2.4	.6	.2	.1							5.7	4.7
SW	1.6	1.7	.8	.1								4.2	4.5
WSW	2.0	2.6	1.5	.1								6.2	5.0
W	3.1	4.5	1.2	.2								9.0	4.7
WNW	2.0	3.0	2.7	.1								7.8	5.4
NW	.8	2.8	.9	.1								4.5	5.2
NNW	1.4	2.7	1.9	1.0	.1							7.1	6.6
VARBL													
CALM												5.8	
	28.1	41.6	18.9	4.9	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723306 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JUL MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	2.2	.5	.1								6.9	3.7
NNE	1.9	.9	.2	.3								3.3	4.0
NE	1.6	.5	.1									2.3	3.1
ENE	1.5	.4	.3	.2								2.5	4.0
E	3.2	.9	.5	.1								4.7	3.5
ESE	2.0	1.7	.4	.2								4.4	4.0
SE	2.0	2.5	1.0	.4								5.9	5.1
SSE	2.4	2.3	.9									5.5	4.3
S	6.1	2.7	1.3									10.1	3.5
SSW	2.6	1.3	.1									4.0	3.2
SW	1.7	.8	.3	.2								3.0	3.9
WSW	2.9	1.6	.1									4.6	3.2
W	2.3	1.3	.1		.1							3.8	3.5
WNW	2.2	1.2	.1									3.4	3.3
NW	1.9	1.5	.1	.1	.1							3.8	4.1
NNW	1.7	.9	.3	.2								3.1	4.6
VARBL													
CALM												28.7	
	40.2	22.5	6.5	1.9	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723306
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.9	.1	.2								2.9	4.0
NNE	1.2	.2	.1									1.5	3.0
NE	1.4	.2	.1									1.7	2.4
ENE	1.2	.1	.1									1.4	2.5
E	1.6	.4	.9	.1								3.0	4.6
ESE	3.2	.9	.4									4.5	3.3
SE	3.0	2.8	1.0	.3	.1							7.2	4.5
SSE	1.8	1.9	.6		.2	.1						4.7	5.1
S	3.9	1.8	.5									6.2	3.3
SSW	1.6	1.2		.1								2.9	3.5
SW	1.4	.5										1.9	2.9
WSW	.9	.4										1.3	3.1
W	1.6	.5										2.2	2.5
WNW	1.0	.1										1.1	2.3
NW	1.0	.3										1.3	2.5
NNW	1.0	.2										1.2	2.8
VARBL													
CALM												54.9	
	27.4	12.6	3.9	.8	.3	.1						100.0	1.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT: WEATHER SERVICE/MAC

SURFACE WINDS

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

723336
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.7	.8	.2	.0							6.5	4.2
NNE	1.5	1.1	.3	.1	.1							3.0	4.1
NE	1.1	.5	.1	.0								1.7	3.3
ENE	1.2	.5	.2	.1								2.0	4.0
E	1.9	1.0	.6	.2	.1							3.7	4.6
ESE	2.1	1.1	.5	.3	.0							4.0	4.5
SE	2.8	2.1	.7	.2	.0							5.9	4.2
SSE	2.5	1.9	.6	.0	.0	.0						5.1	4.0
S	4.2	2.9	.8	.0	.0							7.9	3.7
SSW	2.1	1.5	.3	.0	.0							3.9	3.7
SW	1.7	1.0	.3	.1								3.1	3.7
WSW	2.0	1.5	.7	.1								4.2	4.2
W	2.6	2.2	.7	.1	.0							5.5	4.1
WNW	1.7	1.6	.7	.1								4.1	4.4
NW	1.3	1.5	.4	.0	.0							3.2	4.2
NNW	1.6	1.3	.6	.2	.0							3.7	4.7
VARBL													
CALM												32.5	
	33.2	24.2	8.2	1.7	.3	.0						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723306 STATION COLUMBUS AFB MS 70.73-81 YEARS AUG MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.3		.1								5.7	3.3
NNE	1.0											1.0	2.1
NE	.6											.6	2.0
ENE	.8											.8	2.0
E	2.8	.6										3.4	2.6
ESE	4.4	1.5	.2									6.1	2.8
SE	4.6	1.4	.2	.3								6.6	3.2
SSE	3.7	1.8	.1	.1								5.7	3.1
S	4.1	1.6	.1	.1								5.9	3.1
SSW	.9	.3										1.2	3.0
SW	.6											.6	1.8
WSW	.2											.2	1.0
W		.1										.1	4.0
WNW	.3	.1										.4	2.8
NW	.4	.1										.5	2.2
NNW	1.3	.8										2.0	3.1
VARBL													
CALM												59.0	
	29.1	10.7	.6	.6								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

725306 STATION COLUMBUS AFB MS 70,73-81 YEARS AUG MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	1.3	.2									7.1	2.8
NNE	2.0	.2										2.3	2.0
NE	.3											.3	1.0
ENE	.8	.1										.9	1.9
E	1.7	.4										2.2	2.4
ESE	3.9	.9	.1									4.8	2.5
SE	5.5	1.2		.3								7.0	2.9
SSE	1.8	1.0	.3									3.1	3.5
S	2.8	1.4										4.2	2.7
SSW	.4	.2										.6	2.7
SW	.4											.4	1.8
WSW	.1											.1	2.0
W	.4	.1										.5	2.4
WNW	.4	.1										.5	3.0
NW	1.0											1.0	2.0
NNW	2.0	.4										2.5	2.3
VARBL													
CALM												62.5	
	28.7	7.8	.6	.3								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723386 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS AUG MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	3.0	1.0									7.6	3.7
NNE	2.6	.6	.4									3.7	2.8
NE	1.5											1.5	1.9
ENE	1.3	.3										1.6	2.3
E	3.2	.9	.1									4.2	2.5
ESE	5.9	1.9	.6									8.5	3.1
SE	4.3	2.8	.5	.3								8.0	4.0
SSE	3.5	1.9	.2									5.7	3.0
S	4.1	1.9	.3									6.3	3.1
SSW	3.1	1.2	.1									4.4	2.5
SW	1.5	.5	.1									2.2	2.8
WSW	.8	.3	.2									1.3	3.5
W	1.3	.8	.1									2.2	3.5
WNW	.8	.2										1.0	2.4
NW	.5	.3										.9	2.8
NNW	1.8	.9										2.7	3.0
VARBL													
CALM												38.4	
	39.9	17.6	3.8	.3								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723316 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS AUG MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	3.3	1.8	.3								9.8	4.5
NNE	2.3	1.7	.2									4.2	3.5
NE	1.2	.8	.3									2.3	3.5
ENE	1.5	.8	.4									2.7	3.9
E	2.9	1.6	.2	.1								4.8	3.3
ESE	2.2	2.2	1.0	.1								5.4	4.2
SE	2.2	2.0	.6	.2								5.1	4.3
SSE	4.4	2.9	.6	.2								8.2	3.8
S	5.5	3.5	1.4									10.4	3.7
SSW	2.5	3.1	.3	.1								6.0	3.8
SW	2.2	1.7	.6	.1								4.6	4.0
WSW	3.0	1.8	.8									5.6	3.9
W	3.2	2.3	.8									6.2	3.7
WNW	2.2	1.2	.4									3.8	3.5
NW	2.6	1.0	.2									3.8	3.0
NNW	2.0	2.6	.1	.1								4.8	3.8
VARBL													
CALM												12.4	
	44.0	32.5	9.9	1.3								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

223306 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS AUG MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	4.3	2.8	.5								10.6	5.5
NNE	1.7	1.5	1.1	.1								4.4	4.8
NE	.8	1.2	.1	.1								2.2	4.4
ENE	1.9	1.3	.2	.1								3.5	3.6
E	1.4	1.1	.5	.1								3.1	4.3
ESE	2.2	1.9	1.1	.1								5.3	4.6
SE	1.8	1.9	.6	.3								4.7	4.7
SSE	2.6	2.0	.9	.3								5.8	4.7
S	2.9	4.0	2.2	.2								9.2	5.0
SSW	2.4	3.8	1.4									7.5	4.6
SW	1.9	2.7	1.4	.3								6.3	5.0
WSW	3.2	1.8	1.3	.1								6.5	4.4
W	3.8	3.0	1.2	.3								8.3	4.3
WNW	1.5	1.2	.9	.1								3.7	4.9
NW	1.3	2.3	.9		.1							4.5	4.7
NNW	2.2	3.1	1.5	.9								7.6	5.6
VARBL													
CALM												6.7	
	34.5	37.1	18.0	3.7	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

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

72336 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS AUG MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.8	2.2	.9								11.4	5.2
NNE	2.2	1.6	1.1	.1								4.9	4.4
NE	1.6	1.9	.5									4.1	4.2
ENE	1.6	1.3	.5	.4								3.9	5.1
E	2.2	1.7	1.0	.1	.1							5.1	4.9
ESE	1.3	1.5	1.6	.1								4.5	5.5
SE	1.2	2.2	1.5	.1								4.8	5.3
SSE	1.6	2.3	1.9									5.8	5.5
S	4.1	3.8	2.3	.3	.1							10.5	4.9
SSW	2.8	3.7	1.2									7.6	4.4
SW	2.0	2.6	.3									4.9	3.8
WSW	2.2	2.3	.1	.1								4.6	3.9
W	2.0	1.6	1.1	.3								5.1	5.0
WNW	1.8	1.3	.6	.2								4.0	4.3
NW	1.4	1.4	.8	.2								3.8	5.1
NNW	1.5	3.5	2.2	.3								7.5	5.5
VARBL													
CALM												7.4	
	33.0	37.3	18.8	3.2	.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12-3-86 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS AUG MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	2.3	.4	.1								7.1	3.6
NNE	2.7	.5	.1	.1								3.5	3.0
NE	1.5	.6	.3									2.5	3.5
ENE	1.7	.9										2.6	3.1
E	3.6	1.7	.6	.1								5.3	3.7
ESE	3.2	2.9	.6	.1	.1	.1						7.1	4.3
SE	2.9	2.8	.6									6.4	3.9
SSE	3.1	1.7	.2	.1								5.2	3.3
S	4.6	2.8	.5									8.0	3.4
SSW	2.2	.9	.2	.1								3.3	3.7
SW	1.1	.6										1.7	2.9
WSW	.6	.6	.1									1.4	3.5
W	1.2	.8	.1		.1							2.2	4.3
WNW	1.2	.2										1.4	2.2
NW	1.7	.3	.1									2.2	2.7
NNW	2.8	1.3	.3									4.4	3.4
VARBL													
CALM												35.8	
	38.5	20.3	4.4	.6	.2	.1						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

723301
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	1.3	.4									6.4	3.1
NNE	1.4	.2		.1								1.7	2.8
NE	.8	.3										1.1	2.5
ENE	.8	.5	.1									1.4	3.5
E	1.7	.8		.1								2.6	3.1
ESE	4.7	1.4	.3									6.5	3.0
SE	5.1	3.7	.8									9.5	3.5
SSE	3.6	2.0	.1	.1								5.8	3.3
S	3.1	1.7	.6									5.5	3.6
SSW	1.5	.2										1.7	2.1
SW	.4	.1										.5	2.6
WSW	.8											.8	2.0
W	.2	.1	.1									.4	4.5
WNW	.1											.1	2.0
NW	.8	.5										1.3	2.8
NNW	1.2	.2		.1								1.5	3.1
VARBL													
CALM												53.2	
	30.7	13.2	2.5	.4								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

123306 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS AUG MONTH

ALL WEATHER CLASS

ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	2.9	1.1	.2								8.2	4.2
NNE	2.0	.8	.4	.1								3.2	3.5
NE	1.0	.6	.2	.0								1.8	3.5
ENE	1.3	.6	.2	.1								2.2	3.6
E	2.4	1.0	.3	.1	.0							3.8	3.5
ESE	3.5	1.8	.7	.1	.0	.0						6.0	3.7
SE	3.4	2.2	.6	.2								6.5	3.9
SSE	3.0	2.0	.6	.1								5.7	3.8
S	3.9	2.6	.9	.1	.0							7.5	3.9
SSW	2.0	1.7	.4	.0								4.1	3.8
SW	1.3	1.0	.3	.1								2.7	3.9
WSW	1.4	.9	.3	.0								2.6	3.9
W	1.5	1.1	.4	.1	.0							3.1	4.2
WNW	1.0	.5	.2	.0								1.9	3.8
NW	1.2	.7	.2	.0	.0							2.2	3.7
NNW	1.9	1.6	.5	.2								4.1	4.3
VARBL													
CALM												34.4	
	34.8	22.1	7.3	1.3	.1	.0						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723306
STATION

COLUMBUS AFB MS
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.5	1.9	1.1	.1								9.6	3.4
NNE	1.3	.3	.4									2.1	3.7
NE	.7	.8	.2									1.7	4.0
ENE	.7	.4										1.1	3.4
E	3.3	1.4	.3									5.1	3.0
ESE	4.2	2.9	.3									7.5	3.3
SE	2.7	2.3	.1									5.1	3.2
SSE	2.3	1.3	.4	.3								4.4	4.3
S	1.4	1.6										3.0	3.4
SSW	.2	.1										.3	3.0
SW	.1	.1	.1									.3	4.7
WSW	.4	.2										.7	2.8
W	.4	.4	.1									1.0	3.8
WNW	.4	.3	.2									1.0	4.3
NW	.2	.1	.3									.7	5.8
NNW	2.1	.9	.6									3.4	3.7
VARBL													
CALM												52.9	
	27.1	15.1	4.3	.4								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 7233 16 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTHS SEP
 CLASS ALL WEATHER HOURS (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	5.1	3.4	.6	.1								9.2	3.6
NNE	1.3	.6	.2	.2								2.3	4.2
NE	.8	.4										1.2	2.8
ENE	1.7	.4										2.1	2.5
E	2.9	1.0	.7	.1								4.7	3.8
ESE	3.1	1.3	.3									4.8	3.2
SE	3.1	1.6	.1									4.8	3.1
SSE	1.3	.8	.2	.1								2.4	3.7
S	1.6	1.4	.7									3.7	4.2
SSW	.4	.2										.7	3.0
SW	.1	.1										.2	2.5
WSW													
W	.2	.3										.6	3.4
WNW	.4	.6	.4									1.4	5.2
NW	1.9	.6										2.4	2.4
NNW	3.2	.8	.9									4.9	3.5
VARBL													
CALM												54.6	
	27.2	13.6	4.1	.6								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1233.6 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS SEP MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.1	4.8	1.8	.6								13.2	4.5
NNE	2.0	1.8	.3	.2		.1						4.4	4.7
NE	1.3	1.1										2.4	3.0
ENE	1.9	1.2	.4									3.6	3.8
E	3.7	1.9	.8	.1								6.4	3.7
ESE	3.4	3.8	1.3									8.6	4.2
SE	3.7	2.6	.6									6.8	3.7
SSE	2.3	2.0	.7									5.0	3.8
S	2.7	1.2	.6									4.4	3.5
SSW	.2	1.1	.2									1.6	5.0
SW	.7	.3										1.0	2.9
WSW	.1	.1										.2	3.5
W	.6		.1									.7	2.7
WNW	.4	.4										.9	3.5
NW	1.0	.6	.7									2.2	4.5
NNW	2.4	1.0	.9									4.3	4.1
VARBL													
CALM												34.2	
	32.6	23.9	8.3	.9		.1						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

7233 J6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	5.1	3.1	.6								11.3	5.6
NNE	2.9	3.1	1.1	.4								7.6	4.6
NE	1.2	.9	.7	.2								3.0	4.8
ENE	1.7	2.7	1.4									5.8	4.9
E	3.1	2.4	2.0	.1								7.7	4.7
ESE	2.2	2.0	2.7	.6								7.4	5.8
SE	1.8	3.4	2.3	.4								8.0	5.7
SSE	2.6	2.4	.9	.3								6.2	4.5
S	2.6	4.0	1.9									8.4	4.8
SSW	2.3	2.6	.6									5.4	4.0
SW	.6	.7	.6									1.8	4.9
WSW	.9	.8	.6	.2								2.4	5.0
W	1.0	1.1	.7									2.8	4.2
WNW	.3	.7	.3									1.3	4.7
NW	.8	1.9	.9	.1								3.7	5.2
NNW	2.3	1.9	1.9	.3								6.3	5.3
VARBL													
CALM												10.8	
	28.8	35.6	21.6	3.3								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH
 1200-1400
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	3.4	6.6	4.1	.8								14.9	5.6
NNE	1.7	2.6	1.4									5.7	4.8
NE	1.7	1.8	1.1									4.6	4.7
ENE	1.1	2.6	.8	.1								4.6	5.0
E	1.2	2.0	1.7	.1								5.0	5.6
ESE	1.9	1.6	2.4	.7								6.6	6.2
SE	1.6	2.0	2.2		.1							5.9	6.0
SSE	1.9	2.3	2.0	.2								6.4	5.3
S	2.6	2.9	2.6	.3								8.3	5.4
SSW	1.2	3.7	1.6	.1								6.6	5.2
SW	.8	1.6	.6									2.9	4.8
WSW	.7	1.0	.6									2.2	4.9
W	2.0	1.0	1.0		.1							4.1	4.5
WNW	1.0	.9	.7	.2								2.8	5.2
NW	1.4	2.6	1.3		.1							5.4	5.3
NNW	1.4	3.6	3.1	.6								8.7	6.2
VARBL													
CALM												5.4	
	25.6	38.4	27.1	3.1	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

728376 STATION COLUMBUS AFB MS 69-70,73-80 YEARS SEP MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	6.6	4.8	1.0								16.8	5.6
NNE	2.4	2.3	1.6									6.3	4.6
NE	1.3	1.2	1.1	.1								3.8	5.0
ENE	2.6	2.1	.8	.1								5.6	4.4
E	2.4	2.8	1.6	.2								7.0	4.7
ESE	1.0	2.1	1.4	.1								4.7	5.6
SE	1.2	2.0	1.9									5.1	5.4
SSE	.8	3.5	1.6	.2								6.0	5.8
S	2.3	4.7	.9									7.9	4.6
SSW	1.6	1.9	.9									4.3	4.5
SW	.7	1.4	.1									2.2	4.2
WSW	1.2	1.1	.7									3.0	4.7
W	1.1	1.3	.4	.2								3.1	4.8
WNW	1.6	.9	.4	.2	.1							3.2	5.1
NW	1.2	2.6	1.0	.1								4.9	5.1
NNW	3.0	4.3	2.6	.4								10.4	5.4
VARBL													
CALM												5.6	
	29.0	40.9	21.7	2.8	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 7233 .6 STATION NAME COLUMBUS AFB MS YEARS 69-70,73-80 MONTH SEP
 CLASS ALL WEATHER MONTHS (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	5.3	3.6	2.1									11.4	4.1
NNE	1.9	1.1	.1									3.0	3.2
NE	2.0	1.1	.1									3.2	3.3
ENE	1.8	.9	.3	.1	.1							3.2	4.7
E	3.7	1.6	.2	.1								5.6	3.4
ESE	2.9	1.4	.9	.1								5.3	4.0
SE	2.8	2.6	.2	.1								5.7	3.9
SSE	1.4	2.1	.7									4.2	4.4
S	1.9	1.6	.8	.1								4.3	4.4
SSW	.3	.2	.1									.7	3.5
SW	.6	.1	.1									.8	3.1
WSW	.3	.3	.1									.8	4.4
W	.7	.3	.3									1.3	4.0
WNW	1.1	.4	.2	.1								1.9	4.0
NW	1.8	1.0	.4	.2								3.4	4.2
NNW	3.6	1.7	.1	.1	.1							5.6	3.6
VARBL													
CALM												39.6	
	32.3	20.0	6.9	1.0	.2							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7203 6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.4	4.8	.7									10.9	3.6
NNE	1.8	.7	.1									2.6	3.1
NE	1.2	.2	.3									1.8	3.6
ENE	1.1	.8	.1		.1							2.1	4.1
E	2.7	1.8	.1									4.6	3.2
ESE	2.1	1.9	.7	.1								4.8	4.3
SE	2.8	3.2	.1	.2								6.3	3.8
SSE	1.0	1.2	.6									2.8	4.5
S	.8	2.1	.7									3.6	4.9
SSW	.1	.3	.2									.7	4.8
SW			.1									.1	7.0
WSW		.3										.3	5.0
W	.4	.2	.1									.8	3.4
WNW	.6	.3	.2									1.1	3.8
NW	.8	.1	.4	.1								1.4	5.2
NNW	1.4	.4	.7	.1								2.7	4.8
VARBL													
CALM												53.6	
	22.2	18.4	5.1	.6	.1							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFCTAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7273.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	4.6	2.3	.4								12.2	4.6
NNE	1.9	1.6	.7	.1		.0						4.3	4.3
NE	1.3	.9	.4	.0								2.7	4.1
ENE	1.6	1.4	.5	.0	.0							3.5	4.4
E	2.9	1.9	.9	.1								5.8	4.1
ESE	2.6	2.1	1.3	.2								6.2	4.6
SE	2.4	2.5	.9	.1	.0							6.0	4.4
SSE	1.7	2.0	.9	.2								4.7	4.7
S	2.0	2.4	1.0	.1								5.5	4.6
SSW	.8	1.3	.4	.0								2.5	4.5
SW	.4	.5	.2									1.2	4.3
WSW	.5	.5	.2	.0								1.2	4.6
W	.8	.6	.3	.0	.0							1.8	4.2
WNW	.7	.6	.3	.1	.0							1.7	4.7
NW	1.1	1.2	.6	.1	.0							3.0	4.7
NNW	2.4	1.9	1.3	.2	.0							5.8	4.8
VARBL													
CALM												32.1	
	28.1	25.7	12.4	1.6	.1	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 7197

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12336 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS OCT 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	3.9	3.7	2.3	.2								10.0	4.7
NNE	1.2	1.0	.3									2.5	3.8
NE	.3											.3	1.7
ENE	.8											.8	1.9
E	.9	.8			.1							1.7	3.9
ESE	1.7	2.6	.4	.1	.1							4.9	4.7
SE	2.2	2.0	1.3		.1							5.6	5.1
SSE	1.2	2.6	.4	.3								4.5	5.0
S	.9	1.0	.8									2.6	4.8
SSW	.1	.4										.5	4.4
SW	.1	.1										.2	3.5
WSW	.1	.3	.1									.5	5.8
W	.1	.2	.1									.4	4.5
WNW	.5	.6	.2									1.4	4.5
NW	.5	.9	.4	.3								2.2	6.2
NNW	2.6	1.6	1.7	.2								6.1	5.0
VARB													
CALM												55.7	
	17.0	17.7	8.1	1.2	.3							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1236 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS OCT MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	4.2	1.9	.1								10.1	4.5
NNE	.9	.6	.1									1.6	3.5
NE	.1	.2										.3	4.7
ENE	.6		.1									.8	3.3
E	2.2	.5	.3									3.0	3.1
ESE	2.4	1.6	1.6	.1								5.7	4.8
SE	3.5	1.8	.8	.5								6.7	4.5
SSE	1.7	1.9	.6									4.2	4.2
S	.5	1.1	.5	.3								2.5	6.1
SSW	.1		.1									.2	4.5
SW		.1										.1	4.0
WSW	.3	.1										.4	2.8
W	.2	.4										.6	3.8
WNW	.8	1.3	.5	.1								2.7	5.2
NW	.8	.6	.6	.2								2.3	5.5
NNW	3.5	2.3	1.4	.5								7.7	4.9
VARBL													
CALM												51.1	
	21.5	16.8	8.7	1.9								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

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

2036 STATION COLUMBUS AFB MS 69-70, 73-80 YEARS OCT MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.5	3.5	.4								12.0	5.4
NNE	1.7	.5	.6									2.9	3.8
NE	.4	.4	.1									1.0	3.8
ENE	.9	.2	.3									1.4	3.7
E	2.3	1.2	.3									3.8	3.1
ESE	1.9	2.2	1.6	.2								5.9	5.2
SE	2.6	3.2	2.2	.5	.2							8.7	5.7
SSE	1.0	1.2	1.3									3.4	5.5
S	1.7	1.3	1.4									4.4	4.9
SSW	.3	.6	.1									1.1	4.6
SW		.1										.1	6.0
WSW	.2	.3	.1			.1						.8	6.7
W	.3	.3	.2	.1								1.4	5.0
WNW	1.1	.9	.3	.2								2.5	4.8
NW	1.2	1.0	1.2	.3								3.7	5.6
NNW	1.9	1.6	1.9	.3								5.8	5.5
VARBL													
CALM												41.2	
	1.1	20.0	15.3	2.2	.2	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 233 6 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH OCT
 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	3.5	2.8	4.2	1.4								11.9	6.2
NNE	1.8	1.7	1.5	1.0								6.0	6.0
NE	1.4	1.2	.8	.5								3.9	5.8
ENE	.5	1.4	.5									2.5	5.0
E	1.3	1.8	.6	.1								3.9	4.9
ESE	1.4	1.7	2.7	.6								6.5	6.6
SE	1.8	2.2	3.4	1.4								8.8	6.9
SSE	1.6	3.2	3.4	1.8								10.1	7.0
S	2.0	3.8	1.9	.5								8.3	5.5
SSW	1.8	1.1	.4	.1								3.4	4.2
SW	1.1	.6	.3									2.0	4.0
WSW	1.6	.5	1.0									3.1	4.7
W	.9	1.2	.8	.2	.1							3.1	5.9
WNW	.8	1.0	1.2	.1								3.0	5.9
NW	1.3	.9	1.8	.4								4.4	6.3
NNW	1.6	2.5	3.4	.5	.1							8.2	6.6
VARBL													
CALM												10.9	
	24.5	27.5	28.1	8.8	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1233 A STATION COLUMBUS AFB MS 69-70,73-80 YEARS OCT MONTH
 CLASS ALL WEATHER 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.4	4.7	1.9								14.3	6.8
NNE	2.0	.9	1.3	.3								4.4	5.3
NE	.4	.7	.5	.2								2.0	5.8
ENE	.9	1.2	.2	.1								2.4	4.3
E	1.2	1.3	.5	.2								3.2	5.0
ESE	1.0	1.5	2.6	.9		.1						6.0	7.4
SE	.8	2.5	2.4	.8								6.3	6.8
SSE	1.3	2.6	3.9	1.6	.2							9.6	7.6
S	2.8	2.4	3.3	.9								9.4	6.1
SSW	1.0	1.2	1.3	.1								3.5	5.7
SW	1.0	.4	.5	.1								2.0	4.9
WSW	1.4	1.1	.5	.5								3.5	5.4
W	1.8	2.3	2.2	.2								6.5	5.5
WNW	1.3	1.6	2.0	.5								5.5	6.2
NW	.6	1.8	2.4	1.0								5.8	7.4
NNW	2.0	2.8	4.1	.9								9.8	6.5
VARBL													
CALM												5.7	
	22.7	28.6	32.5	10.2	.2	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233 16 STATION COLUMBUS AFB MS STATION NAME 69-70, 73-80 YEARS OCT MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	5.1	4.3	1.4								14.6	6.0
NNE	1.4	1.3	.6	.1								3.4	4.7
NE	1.3	.8	.5	.5								3.1	5.6
ENE	1.0	1.2	.3									2.5	4.0
E	1.4	2.4	.1									3.9	3.9
ESE	1.3	2.3	1.8									5.4	5.6
SE	1.9	4.0	2.2	.3	.1							8.4	5.8
SSE	1.6	3.0	2.9	.9								8.4	6.4
S	2.5	2.2	1.5	.1								6.2	4.7
SSW	1.6	1.1	.1									2.8	3.5
SW	.3	.9	.1									1.3	4.3
WSW	1.2	1.0	.2									2.4	3.6
W	1.7	1.5	1.5	.2								4.9	5.4
WNW	1.2	1.4	1.5	1.1								5.2	6.9
NW	1.8	2.0	2.2	.3		.1						6.5	6.0
NNW	2.0	2.9	4.2	1.2	.1							10.4	6.8
VARBL													
CALM												10.6	
	25.0	32.9	24.1	6.1	.2	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1233.6 STATION COLUMBUS AFB MS STATION NAME 69-70.73-80 YEARS OCT MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.7	2.8	.5								8.9	5.7
NNE	1.1	.5	.4									2.0	4.2
NE	1.0	.3	.3	.1								1.7	4.3
ENE	1.0	.1										1.1	2.7
E	1.1	1.2										2.3	3.6
ESE	3.3	2.4	.6	.1								6.5	3.6
SE	3.3	4.2	.3									7.9	3.7
SSE	.8	1.8	.4	.1								3.1	5.0
S	1.7	.6										1.6	3.1
SSW	.3	.1										.4	2.5
SW	.1	.1										.2	4.0
WSW	.2	.3										.5	3.8
W	.9	.6	.1									1.6	3.3
WNW	1.1	.9	.4									2.4	4.2
NW	1.8	1.0	1.2	.6								4.6	5.9
NNW	2.3	1.7	1.8	1.0								6.8	6.1
VARBL													
CALM												48.3	
	21.7	18.9	8.5	2.5								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 125305 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH OCT
 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	2.7	3.4	2.5	.1								8.7	5.1
NNE	.6	.6	.8	.1								2.2	5.4
NE	.6	.2	.1		.1							1.1	5.0
ENE	.3	.2										.5	3.0
E	.8	.5	.2									1.5	3.4
ESE	2.9	2.4	1.1									6.3	4.2
SE	2.6	4.3	.8									7.6	4.3
SSE	1.1	1.7	1.1	.5								4.4	6.0
S	.6	1.1	.3	.1								2.2	5.0
SSW	.2	.3										.5	3.8
SW	.1											.1	1.0
WSW	.1	.1	.1									.3	5.0
W	.3	.5	.3	.1								1.3	5.8
WNW	.6	.3	.2									1.2	3.5
NW	.5	.6	1.0	.1								2.3	6.0
NNW	1.0	2.2	1.5	.3								4.9	6.1
VARBL													
CALM												54.8	
	15.2	18.6	9.9	1.8	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2336 STATION COLUMBUS AFB MS STATION NAME 69-70.73-80 YEARS OCT MONTH

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	3.0	3.3	.8								11.3	5.7
NNE	1.3	.9	.7	.2								3.1	4.9
NE	.7	.5	.3	.2	.0							1.7	5.2
ENE	.7	.5	.2	.0								1.5	3.9
E	1.4	1.2	.3	.0	.0							2.9	3.9
ESE	2.0	2.1	1.6	.3	.0	.0						5.9	5.3
SE	2.3	3.0	1.7	.4	.1							7.5	5.4
SSE	1.3	2.2	1.8	.7	.0							6.0	6.2
S	1.5	1.7	1.2	.2								4.6	5.3
SSW	.7	.6	.3	.0								1.6	4.4
SW	.3	.3	.1	.0								.8	4.3
WSW	.6	.5	.3	.1		.0						1.5	4.8
W	.8	.9	.6	.1	.0							2.5	5.3
WNW	.9	1.0	.8	.3								3.0	5.6
NW	1.1	1.1	1.3	.4		.0						4.0	6.1
NNW	2.1	2.2	2.5	.6	.0							7.5	6.0
VARBL													
CALM												34.8	
	21.2	22.6	16.9	4.3	.2	.0						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723306
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-C200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.1	1.0								6.9	5.8
NNE	.9	.7										1.6	3.1
NE	.2		.1									.3	3.7
ENE	.3		.1									.4	2.8
E	.6	.1	.1									.8	3.1
ESE	2.6	1.4	.6	.1								4.7	3.9
SE	3.3	2.0	1.2									6.6	4.0
SSE	1.3	1.3	2.2	.8								5.7	6.6
S	1.2	2.8	2.0	.8								6.8	6.4
SSW	.4	.4	.4									1.3	4.8
SW	.6		.1									.7	3.0
WSW	.2			.2								.4	7.5
W	.8	.4	.4	.3								2.0	6.0
WNW	.8	.8	1.0	.2		.1						2.9	6.7
NW	2.1	1.2	.4	.6	.3							4.7	6.0
NNW	1.1	1.2	1.3	.2	.2							4.1	6.5
VARBL													
CALM												50.2	
	18.3	15.3	11.2	8.2	.6	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723316
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	4.1	1.9	.4								9.9	4.9
NNE	.8	.7										1.4	3.2
NE	.4	.4										.9	3.4
ENE	.2	.1	.1									.4	4.3
E	.3	.6	.1	.1								1.1	5.0
ESE	2.8	1.7	.2	.2								4.9	3.9
SE	3.8	2.2	.8	.1								6.9	3.7
SSE	2.0	1.9	1.6	1.0								6.4	6.2
S	1.0	1.7	1.1	.6								4.3	6.3
SSW	.4	.3										.8	3.9
SW		.4										.4	5.0
WSW	.8			.1								.9	3.6
W	1.1	.9	.8	.1								2.9	5.0
WNW	1.6	.9	.8			.1						3.3	4.6
NW	1.3	1.6	.7	.3	.1							4.0	5.9
NNW	1.3	1.4	1.8	.8	.2							5.6	6.9
VARBL													
CALM												45.8	
	21.3	18.9	9.8	3.8	.3	.1						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
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	4.6	3.0	2.7	.6								10.8	5.0
NNE	1.6	.6	.3									2.4	3.8
NE	.6	.7										1.2	3.3
ENE	1.1			.1								1.2	2.8
E	.9	.2	.2									1.3	3.7
ESE	2.0	1.7	1.3	.1								5.1	4.7
SE	4.6	3.1	1.4	.2								9.3	4.0
SSE	1.6	1.3	2.3	.7								5.9	6.6
S	1.2	1.3	2.1	.4								5.1	6.3
SSW	.9	.1	.2	.1								1.3	4.4
SW	.3	.2	.1									.7	3.8
WSW	.6	.1	.2									.9	3.9
W	1.1	.6	.9	.1								2.7	5.3
WNW	1.0	1.6	.2									2.8	4.5
NW	1.2	1.0	1.0	.7								3.9	6.3
NNW	2.3	2.9	1.6	.8	.1							7.7	5.9
VARBL													
CALM												37.7	
	25.4	18.3	14.7	3.8	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233 6 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS NOV MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.0	3.7	.7								9.6	6.3
NNE	1.4	2.0	2.0	.1								5.6	5.4
NE	.6	.6	.6	.1								1.8	5.3
ENE	.6	.7	.2									1.4	4.8
E	1.3	1.9	.6									3.8	4.5
ESE	1.3	.9	1.1	.4								3.8	6.1
SE	2.3	2.6	1.9	.6								7.3	5.7
SSE	2.3	2.0	2.6	1.9	.1							8.9	7.0
S	2.6	4.6	5.1	1.3								13.6	6.4
SSW	1.3	1.6	1.3	.1								4.3	5.4
SW	.8	1.1	.4									2.3	4.5
WSW	.7	.2	.4	.1								1.4	5.5
W	1.4	1.0	1.8	.3								4.6	5.9
WNW	1.2	2.1	1.7	.6								5.6	6.2
NW	.6	.9	1.7	.9	.1	.1						4.2	8.6
NNW	1.7	2.6	3.0	2.2	.2	.1						9.8	7.9
VARBL													
CALM												12.1	
	21.3	28.6	28.0	9.3	.4	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12036 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS NOV MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.3	3.9	1.0	.1							11.1	6.4
NNE	1.8	1.6	.7									4.0	4.1
NE	1.7	.8	.2									2.7	3.3
ENE	1.1	.9	.1									2.1	3.6
E	1.4	.6	.2									2.2	3.4
ESE	.9	1.4	.7	.3								3.3	5.8
SE	1.4	1.8	1.9	.8								5.9	6.4
SSE	1.4	3.1	4.4	1.7	.1							10.8	7.3
S	2.2	3.2	4.6	1.1								11.1	6.7
SSW	1.1	2.0	1.2	.3								4.7	5.7
SW	.3	1.3	.3	.6								2.6	6.6
WSW	.2	1.0	.7	.1								2.0	6.7
W	1.4	2.0	1.9	.6	.1							6.0	6.3
WNW	1.6	2.2	2.4	.7								6.9	6.5
NW	.9	1.7	2.3	2.4	.6							7.9	9.0
NNW	1.4	2.2	3.4	2.2	.3							9.7	8.1
VARBL													
CALM												7.1	
	21.3	29.6	29.0	11.8	1.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.2	3.2	2.9	1.1	.1							11.6	5.6
NNE	1.6	1.2	.7									3.4	4.2
NE	1.0	.6	.2									1.8	3.7
ENE	1.3	.7										2.0	2.9
E	1.2	1.0	.4									2.7	4.0
ESE	1.0	1.1	1.2	.2								3.6	5.7
SE	1.1	2.7	2.3	.2								6.3	5.8
SSE	1.9	3.3	2.3	1.4								9.0	6.5
S	3.1	3.6	2.0	.3								9.0	4.9
SSW	.6	1.2	.3		.1							2.2	5.4
SW	.9	.3	.4	.1								1.8	5.0
WSW	1.0	1.1	.7	.2	.1							3.1	5.7
W	1.3	.9	1.0	.3	.1							3.7	6.0
WNW	1.1	2.6	2.3	.4	.1							6.6	6.6
NW	1.3	1.9	3.3	1.1	.1							7.8	7.2
NNW	2.4	3.7	2.7	1.8	.1							10.7	6.7
VARBL													
CALM												14.9	
	25.1	29.0	22.9	7.3	.8							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7223 6 COLUMBUS AFB MS 69-70, 73-80 NOV
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	3.1	2.1	.6								8.8	5.2
NNE	1.1	1.1	.3	.2								2.8	4.7
NE	.7	.2										.9	2.6
ENE	.2	.3										.6	3.8
E	1.1	.7	.1									1.9	3.1
ESE	3.7	1.6	.3	.2								5.8	3.5
SE	4.1	6.0	1.4	.4								12.0	4.5
SSE	1.0	2.1	.9	.3								4.3	5.5
S	.6	1.9	.6	.4	.1							3.6	6.6
SSW	.8	.2	.2									1.2	3.5
SW	.4	.3	.2									1.0	4.2
WSW		.4	.4									.9	6.6
W	.9	1.0	.3	.1								2.3	4.9
WNW	1.1	.9	.4	.7	.2							3.3	6.7
NW	2.4	1.3	1.3	.2								5.3	4.6
NNW	1.4	1.9	1.9	.8	.1							6.1	6.3
VARBL													
CALM												39.2	
	22.7	23.0	10.7	4.0	.8							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

123376
STATION

COLUMBUS AFB MS
STATION NAME

69-70,73-80
YEARS

NOV
MOUTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.2	2.0	.7								8.1	5.4
NNE	.8	1.3	.4									2.6	4.4
NE	1.1	.2	.1									1.4	2.8
ENE	.2	.1										.3	3.3
E	1.0	.6										1.6	2.9
ESE	2.3	1.2	.3	.3								4.2	4.0
SE	3.1	4.3	.7	.1								8.2	4.0
SSE	.4	2.2	1.6	1.0								5.2	7.7
S	.8	2.3	1.8	.7								5.6	6.6
SSW	.7	.2	.3									1.2	4.4
SW	.4	.3										.8	2.7
WSW	.2	.3	.2	.2								1.0	7.6
W	.9	.6	.6	.3								2.3	5.7
WNW	1.3	1.2	.7	.3	.1							3.7	5.7
NW	1.4	.9	.6	.4	.1							3.4	6.0
NNW	1.8	.8	1.1	1.0								4.7	6.2
VARBL													
CALM												45.7	
	19.8	18.9	10.3	5.1	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

2336
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
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	3.0	3.3	2.5	.7	.0							9.6	5.6
NNE	1.2	1.1	.6	.0								3.0	4.4
NE	.8	.4	.2	.0								1.4	3.6
ENE	.6	.3	.1	.0								1.1	3.5
E	1.0	.7	.2	.0								1.9	3.8
ESE	2.1	1.4	.7	.2								4.4	4.6
SE	3.0	3.1	1.5	.3								7.8	4.7
SSE	1.5	2.2	2.2	1.1	.0							7.0	6.8
S	1.6	2.7	2.4	.7	.0							7.4	6.2
SSW	.8	.8	.5	.1	.0							2.1	5.1
SW	.5	.5	.2	.1								1.3	4.8
WSW	.5	.4	.3	.1	.0							1.3	5.9
W	1.1	.9	1.0	.3	.0							3.3	5.7
WNW	1.2	1.5	1.2	.4	.1	.0						4.4	6.1
NW	1.4	1.3	1.4	.8	.2	.0						5.2	6.9
NNW	1.7	2.1	2.1	1.2	.2	.0						7.3	7.0
VARBL													
CALM												31.6	
	21.9	22.7	17.1	6.2	.5	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

20300
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.8	1.7	1.2								8.7	6.1
NNE	.9	.5	.2									1.6	3.8
NE	.5	.1	.1									.8	2.9
ENE	.3											.3	1.3
E	.8	.4	.2									1.4	3.8
ESE	2.5	1.3	.5	.2								4.5	4.2
SE	2.3	2.9	2.4	1.4								8.9	6.4
SSE	1.2	1.9	2.6	.8	.1							6.6	7.1
S	1.9	3.3	2.7	1.1								9.0	6.3
SSW	.9	.5	.3									1.7	4.3
SW	.4	.3	.3	.1								1.2	5.8
WSW	.3	.2	.4	.1								1.1	6.1
W	1.0	1.1	1.1	.2	.1							3.4	6.3
WNW	1.2	1.2	1.3	.4								4.1	6.5
NW	1.7	.6	1.1	.6	.2							4.3	6.3
NNW	1.2	2.0	1.7	1.5	.5							7.0	8.4
VARBL													
CALM												35.4	
	19.0	20.3	16.7	7.6	1.0							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 7223 6 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH DEC
 CLASS ALL WEATHER HOURS (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	2.2	3.4	2.8	.6	.1							9.1	6.0
NNE	.8	.5	.3									1.6	4.4
NE	.4	.1										.5	2.6
ENE	.3	.5		.1								1.0	5.1
E	.6	.6	.3									1.6	4.2
ESE	3.1	2.0	.8	.2	.1							6.2	4.2
SE	2.7	1.9	2.3	.8	.1							7.7	5.7
SSE	.9	1.1	1.6	.5	.1							4.2	7.0
S	1.5	4.2	2.2	.6								8.5	5.7
SSW	.6	.8	.9									2.3	5.4
SW	.4	.3	.2	.2	.2							1.4	7.9
WSW	.3	.3	.2									.9	5.1
W	.4	1.0	1.3	.1								2.8	6.5
WNW	1.5	.8	.8	.3								3.3	5.1
NW	1.2	1.0	1.6	1.1	.1							4.9	7.4
NNW	1.5	2.2	1.7	1.5	.2							7.1	7.4
VARBL													
CALM												36.8	
	19.5	20.8	16.9	6.1	1.0							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 72336 STATION NAME COLUMBUS AFB MS YEARS 69-70,73-80 MONTH DEC
 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	1.4	4.6	2.4	.6	.1							9.1	6.0
NNE	.8	.8	.2	.1								1.8	4.2
NE	.4											.4	2.0
ENE	.2	.3	.1									.6	4.5
E	.9	.6	.9									2.4	5.0
ESE	3.0	2.3	1.7	.5								7.5	5.3
SE	3.3	3.0	1.3	1.0	.2							8.8	5.7
SSE	1.3	2.3	1.7	.8								6.0	6.3
S	1.2	2.7	2.2	.2								6.2	5.7
SSW	.2	.8	.4	.1								1.5	5.8
SW	.2	.4	.1									.8	4.6
WSW	.2	.5	.6	.3								1.7	7.3
W	1.2	1.5	1.4	.1	.1							4.3	6.0
WNW	.6	1.0	.8	.1								2.5	5.4
NW	1.5	1.8	1.6	1.0								5.9	6.7
NNW	.8	2.6	2.6	.9								6.8	7.0
VARBL													
CALM												33.5	
	17.2	25.2	18.0	5.7	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1236 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS DEC MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.0	4.5	.9								10.2	6.5
NNE	1.5	1.7	.6	.1								4.0	4.4
NE	.4	.3	.5									1.7	5.4
ENE	.5	.3										.9	2.9
E	1.2	1.8	.8									3.8	4.4
ESE	1.5	1.3	1.4	.4								4.6	5.8
SE	1.8	2.5	3.7	.9								8.8	6.7
SSE	1.4	3.9	4.0	1.1								10.3	6.7
S	1.7	4.4	4.5	1.1								11.7	6.6
SSW	1.5	1.2	1.2	.1								4.0	5.0
SW	.6	1.2	.6	.3								2.8	5.6
WSW	.9	.9	.5	.2								2.5	5.4
W	.9	.9	1.6	1.1								4.4	7.7
WNW	1.1	1.3	1.6	.9								4.8	6.8
NW	.5	1.0	2.6	1.5	.1							5.7	8.7
NNW	.8	2.2	3.9	1.9								8.7	7.9
VARBL													
CALM												11.1	
	19.2	28.2	32.0	10.4	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2233.6 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS DEC MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.5	3.0	.9								8.8	6.7
NNE	.5	1.2	.5	.2								2.5	5.3
NE	.4	.3										.8	3.6
ENE	.6	.6	.1									1.4	3.5
E	1.1	.6	.3	.1								2.2	4.5
ESE	.6	.8	.8	.2								2.4	6.5
SE	.9	1.9	2.7	1.0	.1							6.6	7.4
SSE	1.3	1.7	4.3	1.8								9.1	7.8
S	2.4	4.2	4.9	2.2	.2							13.9	7.2
SSW	1.0	1.4	3.2	.4								6.0	7.0
SW	.9	.8	1.5	.2	.1							3.4	7.0
WSW	1.1	1.3	.6	.4								3.4	5.7
W	.9	1.8	3.0	1.3	.1							7.1	7.9
WNW	1.4	2.2	2.7	1.3								7.5	7.1
NW	1.4	2.7	2.8	2.3		.1						9.2	7.8
NNW	.9	3.0	3.8	2.5								10.1	7.9
VARBL													
CALM												5.6	
	16.7	28.1	34.3	14.7	.5	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1233.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.7	2.8	.8		.1						8.2	6.4
NNE	.5	1.2										1.7	3.9
NE	.6	.4	.1									1.2	3.5
ENE	.2	.3	.1									.6	3.7
E	.5	.8	.2									1.5	4.2
ESE	.6	1.1	.9	.2		.1						2.9	6.9
SE	1.4	2.6	2.2	.9								7.0	6.3
SSE	2.3	3.2	4.7	1.3								11.5	6.7
S	2.7	3.7	3.2	1.1								10.6	6.0
SSW	1.2	1.5	1.3	.5	.1							4.6	6.5
SW	.6	.4	.3	.2								1.6	5.5
WSW	.6	.9	.5	.1								2.2	5.4
W	1.4	1.6	2.5	.4	.1							6.0	6.5
WNW	1.2	1.8	2.4	1.4	.1							6.9	7.4
NW	1.9	2.9	3.1	1.3	.1							9.4	6.8
NNW	1.5	3.7	4.8	2.2								12.2	7.4
VARBL													
CALM												11.9	
	19.2	28.7	29.1	10.3	.4	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 12336 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 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	2.0	2.6	1.6	.9								7.1	5.7
NNE	.6	.8	.1	.1								1.6	4.5
NE	.4	.3	.1									.9	3.6
ENE	.8	.3										1.1	2.7
E	.6	.8										1.4	3.1
ESE	3.7	2.4	.5	.4								7.0	4.2
SE	1.8	5.8	2.0	1.1	.1							10.9	6.0
SSE	1.2	2.0	1.4	1.2	.1							5.9	7.1
S	1.7	2.0	1.7	.8								6.3	5.9
SSW	.2	.6	.2									1.1	5.2
SW	.2	.2		.2								.6	6.3
WSW	.6	.2	.2									1.1	3.8
W	.6	1.2	.8	.4								3.0	6.0
WNW	2.0	1.2	2.3	.1								5.6	5.3
NW	1.8	2.0	1.4	1.2								6.5	6.2
NNW	1.6	2.6	2.3	1.7	.2							8.4	7.4
VARBL													
CALM												31.5	
	20.2	25.1	14.7	8.1	.4							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23306 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS DEC MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.8	3.7	1.1								9.8	6.9
NNE	.5	.1	.4									1.1	4.8
NE	.2	.1										.3	2.3
ENE	.4	.4										.9	3.3
E	1.1	.5	.1									1.7	3.2
ESE	2.0	2.2	1.4	.1	.1							5.8	5.2
SE	3.8	3.6	2.0	.9	.2							10.5	5.5
SSE	1.5	2.2	1.8	1.3								6.8	6.7
S	1.6	2.2	3.5	.5	.2							8.0	7.0
SSW	.6	.5	.3									1.5	4.9
SW	.8	.3		.3								1.4	5.5
WSW	.6	.3	.1	.1								1.2	4.5
W	.9	1.1	1.0	.2								3.1	5.7
WNW	1.9	1.5	.8	.1								4.3	4.7
NW	.9	.6	1.3	.6	.1							3.6	7.7
NNW	1.5	1.6	2.0	1.8	.1							7.1	7.7
VARBL													
CALM												32.9	
	20.7	20.1	18.4	7.1	.8							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723306 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS DEC MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.3	2.8	.9	.0	.0						8.9	6.2
NNE	.8	.9	.3	.1								2.0	4.4
NE	.4	.3	.1									.8	3.7
ENE	.4	.4	.0	.0								.8	3.5
E	.8	.8	.3	.0								2.0	4.2
ESE	2.1	1.7	1.0	.3	.0	.0						5.1	5.0
SE	2.2	3.0	2.3	1.0	.1							8.6	6.2
SSE	1.4	2.3	2.8	1.1	.0							7.6	6.9
S	1.8	3.3	3.1	.9	.1							9.3	6.4
SSW	.8	.9	1.0	.1	.0							2.8	5.8
SW	.5	.5	.4	.2	.0							1.7	6.2
WSW	.6	.6	.4	.2								1.7	5.5
W	.9	1.3	1.6	.5	.1							4.3	6.7
WNW	1.4	1.4	1.6	.6	.0							4.9	6.3
NW	1.4	1.6	1.9	1.2	.1	.0						6.2	7.2
NNW	1.2	2.5	2.9	1.7	.1							8.4	7.6
VARBL													
CALM												24.8	
	18.7	24.5	22.5	8.8	.6	.0						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233.6 STATION COLUMBUS AFB MS STATION NAME 69-70,73-81 YEARS ALL MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.9	3.2	2.3	.6	.0	.0						9.0	5.5
NNE	1.3	1.1	.5	.1	.0	.0						3.0	4.4
NE	.8	.6	.2	.0	.0							1.7	4.1
ENE	.9	.6	.2	.0	.0							1.8	4.0
E	1.6	1.2	.4	.1	.0							3.3	4.2
ESE	2.2	1.7	.9	.2	.0	.0						5.1	4.7
SE	2.5	2.7	1.4	.5	.1	.0	.0					7.2	5.2
SSE	1.8	2.2	1.9	.7	.1	.0	.0					6.7	6.1
S	2.5	2.9	2.3	.7	.1	.0	.0					8.4	5.8
SSW	1.3	1.2	.6	.1	.0	.0						3.2	4.8
SW	.8	.8	.4	.1	.0							2.0	4.8
WSW	.9	.8	.5	.2	.0	.0						2.4	5.2
W	1.2	1.2	.9	.4	.1							3.8	5.8
WNW	1.1	1.2	1.0	.5	.1	.0	.0					3.9	6.3
NW	1.1	1.3	1.2	.6	.1	.0						4.3	6.6
NNW	1.5	1.9	1.8	.9	.1	.0						6.2	6.6
VARBL													
CALM												28.0	
	24.4	24.5	16.6	5.8	.6	.1	.0					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 87566

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7233.6 STATION COLUMBUS AFB MS 69-70,73-81 YEARS ALL MONTH

INSTRUMENT CLASS ALL HOURS (L.S.T.)
 CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, CONDITION
 AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.8	3.2	1.1	.1							11.0	6.0
NNE	1.2	1.2	.5	.1	.0	.0						3.0	4.7
NE	.9	.6	.3	.1	.0							1.9	4.2
ENE	.9	.7	.3	.1	.0							2.1	4.8
E	1.6	1.7	.8	.3	.0							4.4	5.1
ESE	1.7	1.6	1.5	.6	.1	.0						5.5	6.1
SE	2.1	2.7	2.0	.9	.1	.0						7.9	6.3
SSE	1.7	2.8	2.7	1.1	.2	.0						8.5	6.8
S	2.0	3.5	2.6	.6	.1							8.7	5.9
SSW	1.0	.9	.4	.1	.0							2.4	4.5
SW	.5	.5	.2	.1	.0							1.3	5.2
WSW	.5	.5	.4	.1	.0	.0						1.5	6.0
W	.8	1.0	.8	.6	.1							3.4	7.1
WNW	.8	1.1	1.4	.7	.1	.0						4.2	7.4
NW	1.0	1.4	2.0	.9	.1	.0						5.4	7.4
NNW	1.7	2.6	3.8	1.7	.2							10.0	7.5
VARBL													
CALM												18.8	
	21.2	26.7	22.9	9.3	1.1	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 9773

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22305
 STATION

COLUMBUS AFB MS
 STATION NAME

70,73-81
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.G.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	25.5	43.6	44.1	44.8	45.3	45.6	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.3
≥ 20000	26.8	46.5	47.0	47.7	48.2	48.7	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3
IV 18000	27.2	46.9	47.5	48.1	48.7	49.1	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7
IV 16000	27.8	47.5	48.0	48.7	49.2	49.6	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3
IV 14000	28.2	47.9	48.4	49.1	49.6	50.1	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7
IV 12000	28.4	49.0	49.5	50.2	50.7	51.1	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.8
IV 10000	29.6	51.0	51.6	52.2	52.9	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9
IV 9000	29.9	51.6	52.3	53.0	53.6	54.0	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7
IV 8000	30.9	52.5	53.4	54.1	54.8	55.2	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9
IV 7000	31.4	53.9	54.8	55.5	56.2	56.6	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3
IV 6000	32.4	55.9	56.7	57.5	58.1	58.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3
IV 5000	33.0	58.2	59.1	59.8	60.5	61.0	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.7
IV 4500	34.1	60.3	61.2	62.0	62.6	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8
IV 4000	34.8	61.4	62.6	63.4	64.0	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.2
IV 3500	35.2	63.5	64.8	65.6	66.2	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4
IV 3000	36.2	65.9	67.2	68.1	68.8	69.3	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0
IV 2500	36.8	68.7	70.7	71.8	72.4	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6
IV 2000	37.4	71.4	73.6	75.1	75.8	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0
IV 1800	37.9	72.2	74.5	76.0	76.6	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8
IV 1500	38.1	75.2	77.8	79.4	80.3	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5
IV 1200	38.5	77.4	80.1	82.0	83.0	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3
IV 1000	38.8	78.4	81.1	83.1	84.2	84.9	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6
IV 900	38.8	79.2	82.0	84.1	85.1	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
IV 800	38.8	79.5	82.9	85.3	86.4	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.9
IV 700	38.8	79.7	83.4	86.1	87.3	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8
IV 600	38.8	80.5	84.4	87.6	89.0	90.0	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	91.0
IV 500	38.9	80.7	85.0	88.4	90.2	91.4	91.9	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.8
IV 400	38.9	81.1	85.5	88.8	91.0	92.5	93.1	93.9	94.3	94.5	94.7	94.7	94.8	94.8	94.8	95.0
IV 300	38.9	81.1	85.6	89.0	91.7	93.5	94.6	95.5	96.1	96.4	96.8	96.8	97.0	97.1	97.1	97.4
IV 200	38.9	81.1	85.6	89.0	91.7	93.6	94.7	95.8	96.7	97.3	98.3	98.3	98.7	99.0	99.1	99.6
IV 100	38.9	81.1	85.6	89.0	91.7	93.6	94.7	95.8	96.7	97.4	98.4	98.4	98.8	99.1	99.2	99.9
IV 0	38.9	81.1	85.6	89.0	91.7	93.6	94.7	95.8	96.7	97.4	98.4	98.4	98.8	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72306

COLUMBUS AFB MS

70, 73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	18.5	39.5	41.7	41.4	42.7	42.8	43.0	43.1	43.1	43.1	43.3	43.3	43.4	43.4	43.5	43.7
≥20000	20.5	43.1	44.6	45.1	46.3	46.5	46.7	46.8	46.8	46.8	47.0	47.0	47.1	47.1	47.2	47.3
IV 18000	20.5	43.2	44.8	45.3	46.6	46.7	46.9	47.0	47.0	47.0	47.2	47.2	47.3	47.3	47.4	47.5
IV 6000	20.6	43.5	45.2	45.6	46.9	47.0	47.2	47.3	47.3	47.3	47.5	47.5	47.6	47.6	47.7	47.8
IV 14000	21.7	44.9	46.6	47.0	48.3	48.4	48.6	48.7	48.7	48.7	48.9	48.9	49.0	49.0	49.1	49.2
IV 2000	21.9	45.5	47.1	47.5	48.8	48.9	49.1	49.2	49.2	49.2	49.5	49.5	49.6	49.6	49.7	49.8
IV 10000	23.1	47.7	49.4	49.8	51.1	51.2	51.4	51.5	51.5	51.5	51.7	51.7	51.8	51.8	51.9	52.0
IV 9000	23.2	48.1	49.7	50.1	51.4	51.5	51.7	51.8	51.8	51.8	52.0	52.0	52.2	52.2	52.3	52.4
IV 8000	23.3	48.7	50.5	51.0	52.3	52.4	52.6	52.7	52.7	52.7	52.9	52.9	53.0	53.0	53.1	53.2
IV 7000	23.5	49.5	51.3	51.7	53.0	53.1	53.3	53.4	53.4	53.4	53.7	53.7	53.8	53.8	53.9	54.0
IV 6000	24.1	51.0	52.9	53.3	54.6	54.7	54.9	55.1	55.1	55.1	55.3	55.3	55.4	55.4	55.5	55.6
IV 5000	25.2	53.1	55.2	55.6	56.9	57.0	57.2	57.3	57.3	57.3	57.5	57.5	57.6	57.6	57.7	57.8
IV 4500	26.2	55.5	57.5	58.0	59.2	59.4	59.6	59.7	59.7	59.7	59.9	59.9	60.0	60.0	60.1	60.2
IV 4000	26.3	56.7	58.8	59.2	60.5	60.6	60.9	61.0	61.0	61.0	61.2	61.2	61.3	61.3	61.4	61.5
IV 3500	26.7	57.7	59.9	60.3	61.6	61.7	61.9	62.0	62.0	62.0	62.3	62.3	62.4	62.4	62.5	62.6
IV 3000	27.1	59.1	61.4	61.9	63.3	63.4	63.7	63.8	63.8	63.8	64.0	64.0	64.1	64.1	64.2	64.3
IV 2500	28.3	61.4	64.2	64.7	66.6	66.7	66.9	67.0	67.0	67.0	67.2	67.2	67.3	67.3	67.4	67.5
IV 2000	28.7	63.4	66.5	67.4	69.6	69.7	69.9	70.0	70.0	70.0	70.2	70.2	70.3	70.3	70.4	70.5
IV 1800	29.4	65.2	68.2	69.4	71.5	71.6	71.8	71.9	71.9	71.9	72.2	72.2	72.3	72.3	72.4	72.5
IV 1500	29.9	68.4	71.7	73.0	75.5	75.6	75.9	76.0	76.0	76.0	76.2	76.2	76.3	76.3	76.5	76.6
IV 1200	30.4	70.0	73.5	74.9	77.4	77.5	77.8	78.0	78.0	78.0	78.2	78.2	78.3	78.3	78.4	78.5
IV 1000	30.6	71.4	75.3	77.4	79.9	80.1	80.5	80.6	80.6	80.6	80.9	80.9	81.0	81.0	81.1	81.2
IV 900	30.6	72.7	76.7	79.0	81.7	81.9	82.4	82.5	82.5	82.5	82.7	82.7	82.8	82.8	82.9	83.0
IV 800	30.6	73.2	77.3	80.2	83.0	83.7	84.2	84.4	84.4	84.4	84.6	84.6	84.7	84.7	84.8	84.9
IV 700	30.6	73.5	77.8	81.3	84.7	85.7	86.2	86.4	86.6	86.7	86.9	86.9	87.0	87.0	87.1	87.2
IV 600	30.6	74.0	78.6	83.0	87.0	88.5	89.0	89.4	89.5	89.6	89.8	89.8	89.9	89.9	90.0	90.1
IV 500	31.0	74.7	80.2	84.7	89.1	91.1	91.6	92.0	92.3	92.4	92.6	92.6	92.7	92.7	92.8	93.0
IV 400	31.0	74.9	80.5	85.2	90.1	92.3	93.0	93.7	94.3	94.5	94.7	94.7	94.8	94.8	94.9	95.2
IV 300	31.0	75.2	80.9	85.8	90.9	93.3	94.4	95.3	96.1	96.3	96.6	96.6	96.7	96.7	96.8	97.3
IV 200	31.0	75.2	80.9	85.8	91.0	93.5	94.6	95.5	96.5	96.8	97.5	97.5	98.0	98.5	98.6	99.6
IV 100	31.0	75.2	80.9	85.8	91.0	93.5	94.6	95.5	96.5	96.8	97.5	97.5	98.1	98.6	98.7	99.9
IV 0	31.0	75.2	80.9	85.8	91.0	93.5	94.6	95.5	96.5	96.8	97.5	97.5	98.1	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	17.3	34.7	37.0	37.7	38.1	38.2	38.5	38.8	39.0	39.6	39.6	39.6	39.6	39.8	39.8	39.9
≥ 20000	18.4	37.2	40.1	40.9	41.3	41.4	41.7	42.0	42.3	42.8	42.8	42.8	42.8	43.0	43.0	43.2
IV 18000	18.4	37.2	40.2	41.0	41.5	41.6	41.9	42.3	42.5	43.0	43.0	43.0	43.0	43.2	43.2	43.4
IV 16000	18.8	37.6	40.6	41.4	41.9	42.0	42.4	42.7	42.9	43.4	43.4	43.4	43.4	43.7	43.7	43.9
IV 14000	19.4	38.3	41.3	42.0	42.6	42.7	43.0	43.3	43.5	44.1	44.1	44.1	44.1	44.3	44.3	44.5
IV 12000	20.1	39.7	42.8	43.5	44.1	44.2	44.5	44.8	45.1	45.6	45.6	45.6	45.6	45.8	45.8	46.0
IV 10000	21.7	42.5	45.6	46.3	46.9	47.0	47.3	47.6	47.8	48.4	48.4	48.4	48.4	48.6	48.7	48.9
IV 9000	22.3	43.4	46.7	47.5	48.1	48.2	48.5	48.8	49.0	49.6	49.6	49.6	49.6	49.8	49.9	50.1
IV 8000	22.9	45.3	48.6	49.5	50.0	50.1	50.4	50.8	51.0	51.5	51.5	51.5	51.5	51.7	51.8	52.0
IV 7000	23.0	46.1	49.5	50.3	50.9	51.1	51.4	51.7	51.9	52.5	52.5	52.5	52.5	52.7	52.8	53.0
IV 6000	23.4	47.3	51.0	51.9	52.5	52.7	53.0	53.3	53.5	54.1	54.1	54.1	54.1	54.3	54.4	54.6
IV 5000	24.0	48.2	51.9	52.9	53.4	53.7	54.0	54.3	54.5	55.1	55.1	55.1	55.1	55.3	55.4	55.6
IV 4500	24.9	50.0	53.8	54.7	55.4	55.6	55.9	56.2	56.5	57.0	57.0	57.0	57.0	57.2	57.3	57.5
IV 4000	24.8	50.2	54.0	54.9	55.6	55.9	56.3	56.7	56.9	57.4	57.4	57.4	57.4	57.6	57.7	58.0
IV 3500	25.3	51.5	55.3	56.2	56.9	57.2	57.6	58.0	58.2	58.7	58.7	58.7	58.7	58.9	59.0	59.2
IV 3000	25.7	53.0	56.9	57.8	58.8	59.1	59.6	59.9	60.1	60.6	60.6	60.6	60.6	60.9	61.0	61.2
IV 2500	26.7	56.0	60.0	61.1	62.0	62.4	62.8	63.1	63.3	63.9	63.9	63.9	63.9	64.1	64.2	64.4
IV 2000	27.5	58.7	63.2	64.5	65.8	66.2	66.7	67.2	67.4	68.0	68.0	68.0	68.0	68.2	68.3	68.5
IV 1800	27.8	59.6	64.2	65.6	67.0	67.5	68.0	68.5	68.7	69.2	69.2	69.2	69.2	69.5	69.6	69.8
IV 1500	28.2	63.1	68.2	69.9	71.4	72.2	72.7	73.2	73.4	74.0	74.0	74.0	74.0	74.2	74.3	74.5
IV 1200	28.4	64.3	69.9	71.6	73.4	74.2	74.7	75.3	75.5	76.0	76.0	76.0	76.0	76.2	76.3	76.6
IV 1000	28.6	64.9	70.9	73.1	75.4	76.1	76.8	77.4	77.6	78.2	78.2	78.2	78.2	78.4	78.5	78.7
IV 900	28.7	65.9	71.9	74.3	76.6	77.3	78.0	78.7	78.9	79.5	79.5	79.5	79.5	79.7	79.8	80.0
IV 800	28.8	67.0	73.2	76.1	78.7	79.6	80.4	81.2	81.5	82.0	82.0	82.0	82.0	82.3	82.4	82.6
IV 700	28.8	68.0	74.5	77.7	80.8	82.2	83.1	83.9	84.2	84.7	84.7	84.7	84.7	84.9	85.1	85.3
IV 600	28.8	68.1	75.3	79.1	82.9	84.6	86.1	87.1	87.6	88.2	88.2	88.2	88.2	88.4	88.5	88.7
IV 500	28.8	68.5	76.1	80.2	84.3	86.6	88.6	89.7	90.4	91.2	91.2	91.2	91.2	91.8	91.9	92.2
IV 400	28.8	68.7	76.5	80.8	85.4	87.7	90.0	91.4	92.4	93.1	93.2	93.2	93.2	94.0	94.2	94.4
IV 300	28.8	68.8	76.6	81.3	86.1	88.5	91.1	92.8	94.0	94.8	95.5	95.5	95.7	96.5	97.0	97.5
IV 200	28.8	68.8	76.6	81.3	86.1	88.6	91.2	92.9	94.1	95.4	96.3	96.5	97.0	98.0	98.6	99.5
IV 100	28.8	68.8	76.6	81.3	86.1	88.6	91.2	92.9	94.1	95.4	96.3	96.5	97.2	98.3	98.9	100.0
IV 0	28.8	68.8	76.6	81.3	86.1	88.6	91.2	92.9	94.1	95.4	96.3	96.5	97.2	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233J6

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

6900-1100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	26.3	36.0	36.5	36.7	36.9	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3
≥ 20000	29.7	41.6	42.2	42.4	42.6	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0
IV 18000	30.1	42.4	42.9	43.1	43.4	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8
IV 16000	30.4	42.7	43.3	43.5	43.7	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1
IV 14000	31.3	43.8	44.3	44.6	44.8	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2
IV 12000	31.9	44.9	45.4	45.6	45.8	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3
IV 10000	33.9	47.6	48.1	48.3	48.5	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0
IV 9000	34.3	48.1	48.9	49.1	49.3	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7
IV 8000	35.9	50.9	51.8	52.0	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6
IV 7000	36.8	52.2	53.1	53.3	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9
IV 6000	37.0	53.4	54.3	54.5	54.7	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1
IV 5000	38.2	54.7	55.6	55.8	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4
IV 4500	38.8	55.7	56.5	56.7	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5
IV 4000	39.3	56.4	57.3	57.5	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.3
IV 3500	39.4	57.6	58.5	58.7	59.0	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4
IV 3000	47.0	59.1	60.2	60.6	60.9	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4
IV 2500	41.0	61.4	62.6	63.1	63.5	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1
IV 2000	41.9	63.6	65.2	65.9	66.5	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3
IV 1800	42.6	65.9	67.6	68.4	69.0	69.4	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0
IV 1500	43.1	68.5	70.4	71.3	72.2	72.7	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7
IV 1200	43.6	71.2	73.2	74.3	75.3	75.8	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8
IV 1000	43.8	73.1	75.4	76.9	77.9	78.5	79.4	79.7	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0
IV 900	43.9	74.4	76.7	78.3	79.4	80.3	81.1	81.4	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8
IV 800	43.9	75.1	78.0	79.8	81.3	82.3	83.3	83.6	83.7	83.8	83.8	83.8	83.8	84.0	84.0	84.0
IV 700	44.3	76.3	79.6	81.9	83.8	85.3	86.3	86.6	86.7	86.8	86.8	86.8	86.8	86.9	87.1	87.1
IV 600	44.6	77.5	81.8	84.1	86.5	88.3	89.5	90.1	90.2	90.3	90.3	90.5	90.6	90.7	90.7	90.7
IV 500	44.8	78.0	82.6	85.7	88.5	90.8	92.3	93.5	93.6	94.1	94.3	94.4	94.6	94.7	94.7	94.7
IV 400	44.8	78.3	83.0	86.1	89.4	91.9	93.7	95.4	95.8	96.4	97.0	97.1	97.3	97.4	97.4	97.4
IV 300	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.1	96.8	97.5	98.5	98.7	98.9	99.0	99.0	99.0
IV 200	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0
IV 100	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0
IV 0	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72336

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥3/16	≥¼	≥0
NO CEILING	36.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 20000	41.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 18000	42.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 16000	42.9	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 14000	43.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 12000	44.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 10000	46.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 9000	46.9	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 8000	48.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 7000	49.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 6000	49.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 5000	51.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 4500	51.5	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 4000	51.7	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 3500	52.9	63.2	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 3000	53.9	64.7	65.1	65.1	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 2500	55.6	68.5	69.1	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 2000	57.0	71.5	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 1800	57.4	72.9	73.9	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 1500	58.9	76.5	77.5	77.7	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 1200	59.8	79.6	80.8	81.5	81.9	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 1000	60.0	80.9	82.6	83.8	84.2	84.2	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 900	60.1	81.9	83.7	84.8	85.4	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 800	60.1	82.7	84.6	86.1	86.7	86.9	87.5	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 700	60.4	83.7	86.0	87.7	88.3	88.6	89.5	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 600	60.6	84.5	87.4	89.6	90.8	91.2	92.0	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 500	60.6	85.2	88.5	91.0	92.9	93.9	94.7	95.5	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2
IV 400	60.6	85.3	88.7	91.4	93.8	94.5	96.0	97.1	97.5	98.0	98.0	98.0	98.1	98.1	98.1	98.1
IV 300	60.6	85.3	88.8	91.6	94.0	94.9	97.0	98.1	98.5	99.1	99.1	99.1	99.4	99.4	99.4	99.4
IV 200	60.6	85.3	88.8	91.7	94.1	95.1	97.1	98.2	98.6	99.4	99.7	99.8	100.0	100.0	100.0	100.0
IV 100	60.6	85.3	88.8	91.7	94.1	95.1	97.1	98.2	98.6	99.4	99.7	99.8	100.0	100.0	100.0	100.0
IV 0	60.6	85.3	88.8	91.7	94.1	95.1	97.1	98.2	98.6	99.4	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	45.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 18000	45.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 16000	45.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 14000	46.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 12000	48.7	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 10000	50.3	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 9000	50.8	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 8000	53.0	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 7000	53.9	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 6000	54.7	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 5000	55.8	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 4500	56.5	65.3	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 4000	57.3	66.5	66.5	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 3500	58.1	67.7	67.7	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 3000	60.0	70.2	70.3	70.7	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 2500	60.7	73.4	73.7	74.2	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 2000	61.6	75.8	76.3	76.7	77.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 1800	61.7	76.4	77.0	77.4	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 1500	62.8	79.9	80.6	81.1	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 1200	62.9	81.4	82.8	83.5	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 1000	63.0	82.3	84.0	84.8	86.5	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 900	63.2	83.0	84.8	85.8	87.7	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 800	63.4	83.7	85.6	86.7	88.9	89.5	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
IV 700	63.4	84.2	86.0	87.1	89.6	90.2	90.7	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
IV 600	63.4	84.7	86.8	88.3	90.9	91.6	92.1	92.2	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6
IV 500	63.8	85.0	87.2	89.5	92.8	93.5	94.7	95.3	95.5	95.6	95.8	95.8	95.9	95.9	95.9	95.9
IV 400	63.8	85.5	87.6	89.9	93.3	94.5	96.0	97.0	97.2	97.4	97.8	97.8	98.0	98.0	98.0	98.0
IV 300	63.8	85.5	87.6	89.9	93.4	94.7	96.3	97.3	98.0	98.3	99.0	99.0	99.1	99.2	99.4	99.4
IV 200	63.8	85.5	87.6	89.9	93.4	94.7	96.6	97.6	98.3	98.8	99.6	99.6	99.8	99.9	100.0	100.0
IV 100	63.8	85.5	87.6	89.9	93.4	94.7	96.6	97.6	98.3	98.8	99.6	99.6	99.8	99.9	100.0	100.0
IV 0	63.8	85.5	87.6	89.9	93.4	94.7	96.6	97.6	98.3	98.8	99.6	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72336

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥3/10	≥4	≥0
NO CEILING	36.6	47.6	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	39.5	52.5	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 18000	40.2	53.2	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 16000	40.7	53.7	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 14000	40.8	54.0	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 12000	42.0	55.4	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 10000	42.5	56.5	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 9000	42.5	56.8	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 8000	44.1	59.2	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 7000	45.3	61.2	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 6000	46.2	62.8	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 5000	47.3	65.1	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 4500	47.5	66.1	66.7	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 4000	47.6	66.8	67.5	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
IV 3500	49.1	68.6	69.2	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 3000	50.1	70.3	71.0	71.5	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 2500	51.2	74.6	75.3	75.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 2000	52.1	77.2	78.4	78.9	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 1800	52.4	78.0	79.4	80.1	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 1500	52.6	80.5	82.2	83.1	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 1200	53.2	81.7	83.6	84.7	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1000	53.2	82.1	84.3	85.5	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 900	53.4	82.9	85.3	86.7	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 800	53.4	83.3	85.7	87.1	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 700	53.4	83.4	85.9	87.5	89.3	90.0	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 600	53.4	83.6	86.1	87.7	89.8	90.7	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 500	53.4	83.9	86.4	88.3	91.3	92.2	92.9	93.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 400	53.4	84.0	86.8	88.8	92.0	93.3	94.4	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 300	53.4	84.0	87.0	89.2	92.8	94.2	95.8	96.9	97.1	97.5	97.7	97.7	98.0	98.3	98.3	98.3
IV 200	53.4	84.0	87.0	89.2	93.0	94.6	96.2	97.3	97.7	98.3	98.7	98.7	99.1	99.6	99.6	99.6
IV 100	53.4	84.0	87.0	89.2	93.0	94.6	96.2	97.3	97.7	98.3	98.8	98.8	99.4	99.8	99.8	99.8
IV 0	53.5	84.1	87.1	89.3	93.1	94.7	96.3	97.4	97.8	98.4	98.9	98.9	99.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72336

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	32.1	47.5	48.0	48.1	48.5	48.5	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1
≥ 20000	33.7	50.9	51.9	51.6	52.0	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5
IV 18000	33.9	51.2	51.8	51.9	52.3	52.3	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9
IV 16000	34.3	51.7	52.2	52.3	52.7	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3
IV 14000	35.1	52.6	53.2	53.3	53.7	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3
IV 12000	35.7	53.5	54.0	54.1	54.6	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1
IV 10000	36.3	54.5	55.0	55.1	55.5	55.5	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1
IV 9000	36.5	54.8	55.3	55.4	55.9	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4
IV 8000	38.1	56.9	57.5	57.6	58.0	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.6
IV 7000	39.2	58.7	59.2	59.3	59.7	59.7	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.4
IV 6000	40.0	60.5	61.0	61.2	61.7	61.7	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.3
IV 5000	40.9	63.2	63.7	63.9	64.4	64.4	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.0
IV 4500	41.7	64.4	65.1	65.7	66.1	66.1	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.7
IV 4000	42.1	65.8	66.5	67.1	67.6	67.6	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.2
IV 3500	42.8	67.5	68.2	68.8	69.3	69.3	69.5	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.0
IV 3000	43.6	70.4	71.3	71.8	72.4	72.4	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.1
IV 2500	44.5	74.2	75.7	76.2	77.2	77.2	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.8
IV 2000	45.1	77.1	78.8	79.3	80.3	80.3	80.6	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9	81.2
IV 1800	45.1	77.9	79.2	79.8	80.8	80.8	81.2	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.7
IV 1500	45.2	79.2	81.1	81.8	83.1	83.1	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	84.0
IV 1200	45.7	81.3	83.4	84.4	85.7	85.8	86.1	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.7
IV 1000	45.9	82.1	84.5	85.7	87.2	87.3	87.6	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	88.2
IV 900	45.9	82.7	85.0	86.2	87.7	87.8	88.2	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.7
IV 800	45.9	82.7	85.0	86.2	87.9	88.2	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	89.0
IV 700	45.9	83.3	86.0	87.2	89.0	89.5	89.8	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.4
IV 600	45.9	84.0	86.7	87.8	89.9	90.3	90.6	90.7	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.5
IV 500	45.9	84.2	87.5	88.8	91.5	92.1	92.5	92.6	92.7	93.1	93.1	93.1	93.2	93.2	93.2	93.4
IV 400	45.9	84.2	87.7	89.1	92.2	93.2	93.6	94.5	94.6	95.2	95.2	95.2	95.3	95.6	95.6	95.8
IV 300	45.9	84.2	87.8	89.5	93.0	94.1	94.8	95.7	95.8	96.4	96.6	96.6	96.7	97.1	97.2	97.4
IV 200	45.9	84.2	87.8	89.6	93.2	94.4	95.6	96.8	97.1	98.0	98.5	98.5	99.0	99.5	99.6	99.8
IV 100	45.9	84.2	87.8	89.6	93.2	94.4	95.6	96.8	97.1	98.0	98.5	98.5	99.0	99.5	99.7	100.0
IV 0	45.9	84.2	87.8	89.6	93.2	94.4	95.6	96.8	97.1	98.0	98.5	98.5	99.0	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723386

COLUMBUS AFB MS

70, 73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	28.9	41.7	42.4	42.6	43.0	43.1	43.2	43.3	43.3	43.4	43.4	43.4	43.5	43.5	43.5	43.6
≥ 20000	31.9	46.1	46.9	47.2	47.6	47.7	47.8	47.9	47.9	48.0	48.0	48.0	48.1	48.1	48.1	48.2
≥ 18000	32.3	46.7	47.5	47.8	48.2	48.3	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.7	48.7	48.8
≥ 16000	32.6	47.0	47.8	48.1	48.5	48.6	48.7	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.1
≥ 14000	33.2	47.8	48.6	48.8	49.2	49.3	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.8	49.8	49.9
≥ 12000	34.2	49.1	50.0	50.2	50.6	50.7	50.9	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.2	51.2
≥ 10000	35.5	51.1	52.0	52.3	52.7	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.3
≥ 9000	35.8	51.7	52.6	52.9	53.3	53.4	53.5	53.6	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.9
≥ 8000	37.1	53.7	54.6	54.9	55.3	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.9	55.9	56.0
≥ 7000	37.8	55.0	56.0	56.3	56.7	56.8	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.3	57.4
≥ 6000	38.5	56.5	57.5	57.9	58.3	58.4	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9
≥ 5000	39.4	58.4	59.5	59.8	60.3	60.4	60.5	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.9
≥ 4500	40.1	59.8	60.9	61.4	61.8	61.9	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.5
≥ 4000	40.5	60.7	61.9	62.3	62.8	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.5
≥ 3500	41.1	62.2	63.4	63.8	64.3	64.5	64.6	64.7	64.8	64.8	64.9	64.9	64.9	64.9	65.0	65.0
≥ 3000	42.0	64.1	65.4	65.9	66.6	66.7	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.3
≥ 2500	43.1	67.3	68.9	69.5	70.3	70.5	70.7	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.1
≥ 2000	43.9	69.8	71.8	72.6	73.5	73.7	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.4
≥ 1800	44.2	71.0	73.0	73.8	74.9	75.1	75.3	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8
≥ 1500	44.8	73.9	76.2	77.2	78.4	78.7	79.0	79.2	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.5
≥ 1200	45.3	75.9	78.4	79.6	81.0	81.4	81.6	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.1
≥ 1000	45.5	76.9	79.7	81.3	82.8	83.2	83.5	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.0	84.1
≥ 900	45.6	77.8	80.8	82.4	84.0	84.4	84.8	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.4
≥ 800	45.6	78.4	81.5	83.4	85.2	85.8	86.3	86.6	86.7	86.8	86.9	86.9	86.9	86.9	87.0	87.0
≥ 700	45.7	79.0	82.4	84.6	86.6	87.4	88.0	88.3	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.8
≥ 600	45.9	79.6	83.4	85.9	88.3	89.4	90.1	90.5	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.1
≥ 500	45.9	80.0	84.2	87.1	90.0	91.4	92.4	93.0	93.3	93.6	93.7	93.7	93.8	93.9	93.9	94.0
≥ 400	45.9	80.2	84.5	87.5	90.9	92.5	93.7	94.8	95.2	95.6	95.8	95.8	95.9	96.1	96.2	96.3
≥ 300	45.9	80.3	84.7	87.8	91.5	93.2	94.8	96.0	96.5	97.1	97.5	97.5	97.7	97.9	98.0	98.2
≥ 200	45.9	80.3	84.7	87.9	91.5	93.4	95.1	96.3	97.0	97.7	98.5	98.5	98.9	99.3	99.4	99.8
≥ 100	45.9	80.3	84.7	87.9	91.5	93.4	95.1	96.3	97.0	97.7	98.5	98.6	99.0	99.4	99.5	100.0
≥ 0	45.9	80.3	84.7	87.9	91.6	93.4	95.1	96.3	97.0	97.8	98.5	98.6	99.0	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.G.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	24.2	51.9	52.7	53.7	53.8	53.9	54.1	54.4	54.4	54.6	54.6	54.7	54.7	54.7	55.7	55.0
≥20000	26.1	55.8	56.6	57.7	57.8	57.9	58.2	58.4	58.4	58.6	58.6	58.7	58.7	58.7	59.0	59.0
IV 18000	26.6	56.3	57.1	58.2	58.3	58.4	58.6	58.9	58.9	59.1	59.1	59.2	59.2	59.2	59.5	59.5
IV 16000	27.2	57.0	57.8	58.9	59.0	59.1	59.3	59.6	59.6	59.8	59.8	59.9	59.9	59.9	60.2	60.2
IV 14000	27.9	57.9	58.7	59.8	59.9	60.0	60.3	60.6	60.6	60.9	60.9	61.0	61.0	61.0	61.2	61.2
IV 12000	28.1	58.9	59.7	60.8	60.9	61.0	61.2	61.6	61.6	61.8	61.8	61.9	61.9	61.9	62.2	62.2
IV 10000	29.2	61.1	61.9	63.1	63.2	63.4	63.6	63.9	63.9	64.2	64.2	64.3	64.3	64.3	64.5	64.5
IV 9000	29.7	62.1	62.9	64.1	64.2	64.3	64.5	64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.5	65.5
IV 8000	30.3	63.6	64.4	65.6	65.7	65.8	66.1	66.4	66.4	66.7	66.7	66.8	66.8	66.8	67.0	67.0
IV 7000	30.7	64.3	65.1	66.3	66.4	66.5	66.8	67.1	67.1	67.4	67.4	67.5	67.5	67.5	67.7	67.7
IV 6000	30.9	65.8	66.7	67.8	68.0	68.1	68.3	68.7	68.7	68.9	68.9	69.0	69.0	69.0	69.3	69.3
IV 5000	31.6	68.3	69.3	70.8	71.0	71.2	71.4	71.7	71.7	72.0	72.0	72.1	72.1	72.1	72.3	72.3
IV 4500	32.2	70.7	71.7	73.4	73.6	73.8	74.0	74.3	74.3	74.6	74.6	74.7	74.7	74.7	74.9	74.9
IV 4000	32.2	71.4	72.5	74.1	74.5	74.6	74.8	75.2	75.2	75.4	75.4	75.5	75.5	75.5	75.8	75.8
IV 3500	32.4	73.0	74.1	75.8	76.1	76.2	76.5	76.8	76.8	77.1	77.1	77.2	77.2	77.2	77.4	77.4
IV 3000	33.3	76.8	78.1	80.3	80.7	80.9	81.2	81.6	81.6	81.8	81.8	81.9	81.9	81.9	82.2	82.2
IV 2500	34.6	80.3	81.7	83.9	84.4	84.5	85.0	85.3	85.3	85.6	85.6	85.7	85.7	85.8	86.1	86.1
IV 2000	35.7	82.5	84.3	86.5	87.1	87.2	87.7	88.1	88.1	88.3	88.3	88.4	88.4	88.5	88.8	88.8
IV 1800	35.7	83.3	85.1	87.4	87.9	88.1	88.5	88.9	89.0	89.2	89.2	89.4	89.4	89.5	89.7	89.7
IV 1500	36.2	84.5	86.4	88.8	89.4	89.5	90.0	90.3	90.4	90.7	90.7	90.8	90.8	90.9	91.1	91.1
IV 1200	36.4	85.2	87.2	89.6	90.3	90.4	91.0	91.4	91.5	91.7	91.7	91.8	91.8	92.0	92.2	92.2
IV 1000	36.6	85.8	87.8	90.7	91.5	91.6	92.2	92.6	92.7	92.9	92.9	93.0	93.0	93.1	93.4	93.4
IV 900	36.9	86.5	88.5	91.4	92.6	92.8	93.5	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.7	94.7
IV 800	36.9	86.6	88.7	91.6	92.8	93.0	93.7	94.1	94.2	94.4	94.4	94.6	94.6	94.7	94.9	94.9
IV 700	36.9	87.0	89.2	92.4	93.6	93.9	94.6	94.9	95.0	95.3	95.3	95.4	95.4	95.5	95.7	95.7
IV 600	37.0	87.1	89.7	93.0	94.6	94.8	95.5	95.9	96.0	96.2	96.2	96.3	96.3	96.5	96.7	96.7
IV 500	37.1	87.4	90.0	93.6	95.2	95.5	96.6	96.9	97.0	97.4	97.4	97.5	97.5	97.6	97.9	97.9
IV 400	37.1	87.5	90.2	93.9	95.7	96.2	97.3	97.8	97.9	98.2	98.2	98.3	98.3	98.5	98.7	98.7
IV 300	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.3	98.5	98.8	98.8	99.1	99.2	99.2	99.3	99.5
IV 200	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.3	98.5	98.8	98.8	99.2	99.3	99.3	99.4	99.6
IV 100	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.5	98.7	99.1	99.4	99.5	99.5	99.5	99.8	100.0
IV 0	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.5	98.7	99.1	99.4	99.5	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.06

COLUMBUS AFB MS

70, 73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	17.8	46.6	57.2	51.5	53.2	53.3	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	18.8	49.5	53.5	55.0	56.6	56.7	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 18000	19.1	49.9	53.9	55.3	57.0	57.1	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 16000	19.6	50.5	54.5	55.9	57.6	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 14000	20.0	50.9	55.0	56.4	58.0	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 12000	20.9	52.1	56.1	57.6	59.2	59.3	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 10000	21.5	54.0	58.0	59.5	61.1	61.2	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 9000	21.6	54.8	58.9	60.3	61.9	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 8000	22.0	55.9	59.9	61.3	63.0	63.1	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 7000	22.7	57.2	61.3	62.8	64.4	64.5	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 6000	23.9	59.0	63.1	64.5	66.2	66.3	66.4	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 5000	24.3	61.0	65.5	67.0	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 4500	24.7	62.6	67.3	68.9	70.6	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 4000	24.7	63.0	67.8	69.5	71.2	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 3500	24.9	64.2	69.3	71.0	72.7	72.8	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 3000	25.3	65.5	71.0	72.8	74.7	74.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 2500	26.2	68.8	74.5	76.5	78.4	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 2000	28.1	73.4	79.1	81.2	83.1	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 1800	28.4	74.6	80.4	82.5	84.4	84.6	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 1500	29.0	77.4	83.7	85.8	87.7	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1200	29.1	79.0	85.3	88.1	90.0	90.3	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1000	29.1	79.4	86.1	88.8	90.7	91.1	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 900	29.1	79.8	86.5	89.2	91.1	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 800	29.2	80.1	86.9	89.6	91.5	92.1	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 700	29.3	80.5	87.2	90.0	91.8	92.6	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 600	29.3	80.9	87.8	90.8	93.0	93.9	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 500	29.3	80.9	88.1	91.5	94.2	95.4	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 400	29.3	81.0	88.2	91.7	94.7	95.9	96.7	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4
IV 300	29.3	81.0	88.2	91.7	94.7	96.0	96.8	97.6	97.8	97.9	98.2	98.2	98.5	98.5	98.5	98.5
IV 200	29.3	81.0	88.2	91.7	94.8	96.1	96.9	97.8	97.9	98.0	98.5	98.5	99.2	99.3	99.4	99.4
IV 100	29.3	81.0	88.2	91.7	94.8	96.1	96.9	98.0	98.5	98.6	99.1	99.1	99.8	99.9	100.0	100.0
IV 0	29.3	81.0	88.2	91.7	94.8	96.1	96.9	98.0	98.5	98.6	99.1	99.1	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 16

COLUMBUS AFB MS

70,73-81

FER

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

6600-0800
 HOURS (L.S.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	17.3	36.2	39.4	42.7	44.7	44.9	45.9	46.5	46.5	46.6	46.7	46.7	46.8	46.8	46.9	46.9
≥ 20000	18.7	39.2	42.9	46.2	48.3	48.6	49.9	50.6	50.6	50.7	50.8	50.8	50.9	50.9	51.1	51.1
≥ 18000	18.7	39.2	42.9	46.2	48.3	48.6	49.9	50.6	50.6	50.7	50.8	50.8	50.9	50.9	51.1	51.1
≥ 16000	19.0	39.7	43.5	46.9	49.1	49.3	50.6	51.3	51.3	51.4	51.5	51.5	51.7	51.7	51.8	51.8
≥ 14000	19.4	40.2	44.0	47.4	49.5	49.8	51.1	51.8	51.8	51.9	52.0	52.0	52.1	52.1	52.2	52.2
≥ 12000	20.4	42.0	45.7	49.2	51.3	51.5	52.8	53.5	53.5	53.7	53.8	53.8	53.9	53.9	54.0	54.0
≥ 10000	21.4	44.2	48.2	51.7	53.8	54.0	55.3	56.0	56.0	56.1	56.3	56.3	56.4	56.4	56.5	56.5
≥ 9000	21.7	45.0	49.1	52.5	54.6	54.8	56.1	56.9	56.9	57.0	57.1	57.1	57.2	57.2	57.3	57.3
≥ 8000	22.3	46.6	50.6	54.0	56.1	56.4	57.7	58.4	58.4	58.5	58.6	58.6	58.7	58.7	58.9	58.9
≥ 7000	23.8	48.8	53.0	56.4	58.5	58.7	60.0	60.8	60.8	60.9	61.0	61.0	61.1	61.1	61.2	61.2
≥ 6000	24.5	50.0	54.3	57.8	59.9	60.2	61.6	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.8	62.8
≥ 5000	25.2	52.0	56.5	60.2	62.4	62.6	64.1	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.2	65.2
≥ 4500	25.3	53.1	57.8	61.6	64.1	64.3	65.8	66.5	66.5	66.7	66.8	66.8	66.9	66.9	67.0	67.0
≥ 4000	25.3	53.7	58.5	62.3	64.8	65.0	66.7	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.8	67.8
≥ 3500	25.5	55.1	60.0	63.8	66.4	66.7	68.3	69.0	69.0	69.1	69.3	69.3	69.4	69.4	69.5	69.5
≥ 3000	26.1	57.4	62.5	66.3	68.9	69.1	70.8	71.5	71.5	71.6	71.7	71.7	71.9	71.9	72.0	72.0
≥ 2500	27.8	61.9	67.4	71.4	74.2	74.5	76.1	76.8	76.8	77.0	77.1	77.1	77.2	77.2	77.3	77.3
≥ 2000	28.6	63.7	69.4	73.8	76.6	76.8	78.5	79.3	79.3	79.4	79.6	79.6	79.7	79.7	79.8	79.8
≥ 1800	29.1	65.2	71.0	75.4	78.4	78.6	80.4	81.2	81.2	81.3	81.4	81.4	81.6	81.6	81.7	81.7
≥ 1500	29.7	67.4	73.4	78.4	81.3	81.6	83.3	84.4	84.4	84.5	84.6	84.6	84.8	84.8	84.9	84.9
≥ 1200	29.9	68.3	74.9	80.0	83.1	83.5	85.2	86.4	86.4	86.5	86.6	86.6	86.8	86.8	86.9	86.9
≥ 1000	30.1	69.9	77.2	82.7	85.9	86.3	88.2	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.8	89.8
≥ 900	30.4	70.3	77.9	83.7	87.4	87.8	89.7	90.9	90.9	91.0	91.1	91.1	91.3	91.4	91.5	91.5
≥ 800	30.4	70.8	78.5	84.4	88.4	89.0	91.0	92.2	92.2	92.3	92.4	92.4	92.6	92.7	92.8	92.8
≥ 700	30.4	70.9	78.7	84.8	89.2	89.8	91.8	93.1	93.1	93.3	93.4	93.4	93.5	93.6	93.7	93.7
≥ 600	30.4	71.2	79.2	85.2	89.8	90.5	92.6	94.1	94.1	94.3	94.4	94.4	94.6	94.7	94.8	94.8
≥ 500	30.4	71.3	79.4	85.6	90.2	91.3	93.6	95.5	95.6	96.0	96.1	96.1	96.2	96.3	96.5	96.5
≥ 400	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.5	96.7	97.0	97.3	97.3	97.5	97.6	97.8	97.8
≥ 300	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.7	97.2	97.6	97.9	98.0	98.3	98.5	98.6	98.6
≥ 200	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.8	97.3	97.9	98.2	98.6	98.9	99.3	99.5	99.6
≥ 100	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.8	97.3	97.9	98.2	98.6	99.1	99.4	99.8	100.0
≥ 0	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.8	97.3	97.9	98.2	98.6	99.1	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723326

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	27.4	40.1	41.3	42.1	42.3	42.6	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000	32.7	45.5	46.7	47.5	47.8	48.0	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	32.2	45.6	46.8	47.6	47.9	48.1	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000	32.4	45.9	47.0	47.9	48.1	48.3	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 14000	33.5	47.0	48.2	49.1	49.3	49.5	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 12000	35.0	48.6	49.8	50.6	50.8	51.1	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 10000	36.6	51.4	52.6	53.4	53.7	53.9	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000	37.1	52.7	53.9	54.7	55.0	55.2	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 8000	38.2	54.6	55.9	56.9	57.1	57.3	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	39.4	56.9	58.3	59.2	59.5	59.7	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 6000	39.7	57.6	59.0	59.9	60.3	60.6	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 5000	40.7	59.6	61.1	62.3	62.8	63.1	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 4500	41.9	60.5	62.1	63.2	63.7	64.1	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4000	42.1	62.3	63.8	65.0	65.6	66.0	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3500	42.7	63.9	65.5	66.7	67.3	67.6	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	44.4	66.9	68.6	69.7	70.3	70.7	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2500	45.9	70.1	72.0	73.2	73.8	74.1	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2000	47.3	74.2	76.4	77.7	78.4	79.1	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1800	47.4	75.1	77.2	78.5	79.2	79.9	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1500	47.8	77.5	79.8	81.1	81.8	82.5	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1200	48.8	80.3	82.6	84.2	85.1	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1000	49.1	81.9	85.0	86.9	88.2	88.9	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	49.2	82.9	85.9	87.9	89.6	90.4	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	49.2	83.7	86.9	89.1	91.4	92.3	92.8	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	49.2	83.9	87.1	89.7	92.2	93.3	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	49.2	84.6	87.9	90.9	93.6	94.7	95.3	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	49.2	84.6	88.2	91.3	94.1	95.2	96.0	96.7	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	49.2	85.1	88.8	92.0	95.0	96.2	97.4	98.3	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7236

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (L.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 ≥ 2000	38.3	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 1800 ≥ 1600	45.7	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 1400 ≥ 1200	46.7	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 1000 ≥ 900	49.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 800 ≥ 700	50.7	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 600 ≥ 500	51.8	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 450 ≥ 400	53.4	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 350 ≥ 300	56.6	70.4	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 250 ≥ 200	61.1	78.7	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 180 ≥ 150	64.2	83.3	84.2	84.6	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 120 ≥ 100	65.5	88.1	89.6	90.3	90.7	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 90 ≥ 80	66.7	90.3	92.0	93.0	94.1	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 70 ≥ 60	66.8	90.9	92.7	94.2	95.6	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 50 ≥ 40	66.8	91.1	93.1	95.0	97.2	97.8	98.2	98.3	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥ 30 ≥ 20	66.8	91.3	93.4	95.3	97.5	98.1	98.6	98.7	98.7	98.9	99.3	99.3	99.3	99.3	99.3	99.3
≥ 10 ≥ 0	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7223-6

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

HOURE (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	42.8	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	49.9	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
IV 18000	49.8	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4
IV 16000	50.9	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
IV 14000	51.1	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
IV 12000	52.2	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
IV 10000	54.3	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
IV 9500	54.6	63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7
IV 8000	55.4	64.6	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2
IV 7000	55.7	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
IV 6000	56.4	66.5	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
IV 5000	58.5	68.8	69.1	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
IV 4500	58.9	69.7	70.1	70.4	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
IV 4000	60.8	72.3	72.7	73.0	73.5	73.5	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7
IV 3500	62.7	74.9	75.3	75.6	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
IV 3000	64.5	77.9	78.2	78.6	79.1	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
IV 2500	65.9	81.2	81.8	82.1	82.6	82.6	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0
IV 2000	68.0	86.0	86.7	87.1	87.7	87.8	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
IV 1800	68.3	86.9	87.6	87.9	88.5	88.6	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
IV 1500	69.3	88.8	89.5	89.8	90.7	90.8	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
IV 1200	69.8	90.3	91.1	91.5	92.8	92.9	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
IV 1000	70.1	91.4	92.2	92.5	93.8	94.0	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
IV 900	70.2	91.7	92.5	92.9	94.3	94.7	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9
IV 800	70.7	92.3	93.5	94.0	95.9	96.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	70.7	92.3	93.6	94.2	96.2	96.7	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 600	70.8	92.5	93.8	94.7	96.9	97.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.06

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	39.5	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	42.9	60.2	60.5	60.8	60.8	60.8	60.8	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	43.4	60.9	61.3	61.6	61.6	61.6	61.6	61.7	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 16000	44.0	61.6	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	44.3	62.1	62.5	62.8	62.8	62.8	62.8	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	44.9	62.8	63.2	63.5	63.5	63.5	63.5	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000	46.6	65.1	65.6	66.0	66.0	66.0	66.0	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 9000	46.6	65.2	65.7	66.1	66.1	66.1	66.1	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	47.5	67.6	68.2	68.6	68.6	68.6	68.6	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	48.1	68.8	69.4	69.7	69.7	69.7	69.7	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 6000	48.7	69.9	70.4	70.9	70.9	70.9	70.9	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	50.1	72.8	73.6	74.5	74.7	74.8	74.9	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	50.6	74.1	74.9	75.8	76.1	76.2	76.4	76.5	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	50.7	75.1	75.9	76.7	77.1	77.2	77.4	77.5	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500	51.8	77.2	78.0	78.8	79.2	79.3	79.7	79.8	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	53.1	78.8	79.9	80.9	81.3	81.4	81.8	81.9	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	54.0	81.8	83.1	84.0	84.8	84.9	85.7	85.9	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	54.7	84.0	85.3	86.4	87.4	87.6	88.5	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	54.7	84.3	85.8	86.9	87.8	88.2	89.1	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	55.0	86.3	87.9	89.2	90.3	90.8	91.8	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	55.2	87.1	88.9	90.2	91.4	91.8	92.9	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	55.4	87.5	89.4	90.7	92.1	92.6	93.6	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	55.7	88.4	90.3	91.6	93.1	93.6	94.7	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	56.0	89.0	90.9	92.6	94.3	94.8	96.1	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	56.0	89.2	91.1	92.8	94.8	95.3	96.6	97.0	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	56.1	89.5	91.4	93.0	95.0	95.5	96.8	97.4	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	56.4	89.7	91.7	93.6	95.9	96.3	97.8	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.8	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.8	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

HOURE (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥4	≥0
NO CEILING	31.3	54.8	56.1	56.1	56.3	56.3	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	33.0	58.3	59.6	59.6	59.7	59.7	59.7	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IN 18000	33.2	58.6	59.9	59.9	60.0	60.0	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IN 16000	33.7	59.5	60.8	60.8	60.9	60.9	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IN 14000	34.2	60.0	61.3	61.5	61.6	61.6	61.6	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IN 12000	35.5	61.5	62.9	63.1	63.2	63.2	63.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IN 10000	36.4	63.2	64.7	64.9	65.0	65.0	65.0	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IN 9000	36.6	63.6	65.0	65.2	65.4	65.4	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IN 8000	37.2	65.6	67.1	67.4	67.5	67.5	67.5	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IN 7000	37.6	67.0	68.6	68.8	68.9	68.9	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IN 6000	38.2	68.4	70.0	70.3	70.4	70.4	70.4	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IN 5000	39.7	71.3	72.8	73.5	74.0	74.2	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IN 4500	40.2	73.3	74.9	75.7	76.1	76.4	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IN 4000	40.9	75.1	76.7	77.4	78.0	78.3	78.4	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IN 3500	41.4	76.8	78.5	79.2	79.9	80.3	80.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IN 3000	42.1	78.6	80.6	81.3	82.0	82.4	82.6	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IN 2500	43.3	81.7	83.9	84.9	85.9	86.3	86.5	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IN 2000	44.0	83.6	86.1	87.1	88.3	88.7	88.9	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IN 1800	44.1	84.0	86.5	87.6	88.8	89.1	89.4	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IN 1500	44.1	85.1	87.6	88.9	90.1	90.5	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IN 1200	44.7	86.3	89.1	90.5	91.7	92.2	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IN 1000	44.7	86.4	89.2	90.8	92.0	92.4	93.1	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IN 900	44.8	86.6	89.6	91.3	92.4	92.9	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IN 800	45.0	86.9	90.2	92.2	93.4	93.9	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 700	45.0	87.0	90.4	92.4	93.7	94.2	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IN 600	45.2	87.1	90.8	93.4	95.3	95.7	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IN 500	45.3	87.4	91.3	93.9	96.0	96.6	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IN 400	45.3	87.5	91.4	94.0	96.2	96.9	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 300	45.3	87.5	91.5	94.1	96.3	97.0	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 200	45.3	87.5	91.5	94.1	96.3	97.0	98.5	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 100	45.3	87.5	91.5	94.1	96.3	97.0	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IN 0	45.3	87.5	91.5	94.1	96.3	97.0	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

725306

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURE (L.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	29.8	47.3	48.6	49.4	50.0	50.1	50.2	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	33.2	52.3	53.7	54.6	55.1	55.2	55.5	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9
IV 18000	33.5	52.6	54.1	55.0	55.5	55.6	55.8	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.3	56.3
IV 16000	34.1	53.3	54.8	55.7	56.2	56.3	56.5	56.7	56.7	56.9	56.9	56.9	56.9	56.9	57.0	57.0
IV 14000	34.6	54.0	55.5	56.4	56.9	57.0	57.2	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.7	57.7
IV 12000	35.6	55.2	56.7	57.6	58.2	58.3	58.5	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9
IV 10000	36.9	57.7	59.2	60.2	60.7	60.8	61.0	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5
IV 9000	37.3	58.4	59.9	60.9	61.4	61.5	61.7	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.2
IV 8000	37.9	60.0	61.6	62.6	63.1	63.2	63.5	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9
IV 7000	38.6	61.3	63.0	64.0	64.5	64.6	64.8	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3
IV 6000	39.2	62.6	64.2	65.2	65.8	65.9	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.6	66.6	66.6
IV 5000	40.4	64.9	66.8	68.0	68.7	68.8	69.1	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6
IV 4500	40.8	66.3	68.2	69.5	70.2	70.4	70.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.2	71.2
IV 4000	41.5	67.7	69.6	70.9	71.7	71.8	72.2	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.7
IV 3500	42.2	69.5	71.4	72.8	73.6	73.8	74.1	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6
IV 3000	43.5	72.0	74.2	75.6	76.5	76.7	77.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.6
IV 2500	44.9	75.6	78.0	79.5	80.5	80.6	81.1	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6
IV 2000	46.3	78.8	81.4	83.0	84.1	84.4	84.9	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.5
IV 1800	46.5	79.6	82.2	83.8	85.0	85.3	85.8	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.4
IV 1500	47.1	81.7	84.5	86.3	87.5	87.8	88.4	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0
IV 1200	47.5	83.1	86.1	88.0	89.4	89.8	90.5	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
IV 1000	47.7	83.9	87.2	89.3	90.9	91.3	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7
IV 900	47.8	84.6	87.9	90.1	91.8	92.3	93.1	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8
IV 800	48.0	85.0	88.5	90.9	92.8	93.4	94.2	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.9	94.9
IV 700	48.0	85.2	88.8	91.3	93.4	94.0	94.9	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6
IV 600	48.1	85.5	89.2	92.0	94.4	95.0	96.0	96.5	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8
IV 500	48.2	85.6	89.5	92.4	95.0	95.7	96.9	97.5	97.5	97.8	97.9	97.9	97.9	97.9	98.0	98.0
IV 400	48.2	85.7	89.6	92.6	95.3	96.2	97.4	98.1	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8
IV 300	48.2	85.8	89.7	92.6	95.4	96.2	97.6	98.4	98.6	98.9	99.2	99.2	99.2	99.3	99.4	99.4
IV 200	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.4	98.7	99.0	99.3	99.4	99.4	99.6	99.7	99.7
IV 100	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.5	98.8	99.1	99.5	99.5	99.5	99.7	99.8	99.9
IV 0	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.5	98.8	99.1	99.5	99.5	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6767

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 J6

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾		
NO CEILING	24.7	48.9	50.5	50.9	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.4
≥ 20000	26.9	53.4	55.3	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.3
IV 18000	27.2	53.8	55.6	56.1	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.7
IV 16000	27.3	53.9	55.8	56.3	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.9
IV 14000	28.3	54.9	56.9	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	58.0
IV 12000	28.8	55.5	57.4	58.0	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.5
IV 10000	30.5	58.7	60.6	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.7
IV 9000	31.2	59.5	61.4	61.9	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.5
IV 8000	32.7	62.2	64.2	64.9	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.5
IV 7000	33.4	63.8	65.9	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2
IV 6000	33.3	65.3	67.7	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0
IV 5000	34.5	66.9	69.7	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.7
IV 4500	35.9	68.8	71.8	73.2	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0
IV 4000	36.1	70.4	73.4	74.8	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.7
IV 3500	36.6	71.3	74.3	75.7	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.6
IV 3000	38.0	73.2	76.6	78.1	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9
IV 2500	39.0	77.0	80.3	82.4	83.0	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5
IV 2000	39.9	79.5	82.9	85.2	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.5
IV 1800	40.1	80.0	83.4	85.7	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	87.0
IV 1500	40.4	81.9	85.6	88.1	88.9	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.7
IV 1200	41.2	84.2	87.8	90.6	91.6	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.5
IV 1000	41.3	85.3	89.0	91.8	92.8	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.7
IV 900	41.3	85.5	89.2	92.0	93.0	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	94.0
IV 800	41.3	86.0	89.8	92.7	94.0	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.9
IV 700	41.5	86.8	90.6	93.7	94.9	95.4	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.1
IV 600	41.6	87.2	91.1	94.3	95.7	96.2	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.3
IV 500	41.6	87.3	91.3	94.7	96.1	96.8	97.6	97.8	97.8	97.8	97.8	97.8	98.0	98.1	98.2	98.2	98.3
IV 400	41.6	87.4	91.5	95.1	96.7	97.5	98.4	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.1	99.1	99.2
IV 300	41.6	87.4	91.5	95.1	96.7	97.6	98.4	98.8	98.9	98.9	98.9	98.9	99.1	99.2	99.4	99.4	99.5
IV 200	41.6	87.4	91.5	95.1	96.7	97.6	98.5	98.9	99.0	99.0	99.0	99.0	99.2	99.4	99.5	99.5	99.8
IV 100	41.6	87.4	91.6	95.2	96.8	97.7	98.6	99.0	99.1	99.1	99.1	99.1	99.4	99.5	99.6	99.6	100.0
IV 0	41.6	87.4	91.6	95.2	96.8	97.7	98.6	99.0	99.1	99.1	99.1	99.1	99.4	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723336

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.G.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	17.3	39.6	42.4	43.8	44.2	44.2	44.3	44.5	44.7	44.8	44.9	45.1	45.2	45.3	45.3	45.4
≥ 20000	19.0	44.0	46.9	48.5	48.9	48.9	49.0	49.2	49.5	49.6	49.8	49.9	50.1	50.2	50.2	50.3
IV 18000	19.1	44.1	47.1	48.8	49.2	49.2	49.4	49.6	49.8	49.9	50.1	50.2	50.4	50.5	50.5	50.6
IV 16000	19.8	44.8	47.8	49.6	50.0	50.0	50.1	50.3	50.5	50.6	50.9	51.0	51.2	51.3	51.3	51.4
IV 14000	20.9	46.2	49.2	51.0	51.4	51.4	51.5	51.7	51.9	52.0	52.3	52.4	52.6	52.7	52.7	52.8
IV 12000	21.6	47.6	51.0	52.7	53.1	53.1	53.2	53.4	53.7	53.8	54.0	54.1	54.3	54.4	54.4	54.5
IV 10000	22.0	49.2	52.6	54.3	54.7	54.7	54.8	55.1	55.3	55.4	55.6	55.7	55.9	56.0	56.0	56.1
IV 9000	22.9	50.5	53.9	55.6	56.0	56.0	56.1	56.3	56.6	56.7	56.9	57.0	57.2	57.3	57.3	57.4
IV 8000	23.9	52.9	56.3	58.1	58.5	58.5	58.6	58.8	59.0	59.1	59.4	59.5	59.7	59.8	59.8	59.9
IV 7000	24.3	54.5	58.0	59.7	60.1	60.1	60.2	60.4	60.6	60.8	61.0	61.1	61.3	61.4	61.4	61.5
IV 6000	25.1	56.5	60.0	61.7	62.2	62.2	62.4	62.6	62.8	62.9	63.1	63.2	63.4	63.5	63.5	63.7
IV 5000	25.2	58.3	61.9	63.9	64.3	64.3	64.5	64.7	64.9	65.1	65.3	65.4	65.6	65.7	65.7	65.8
IV 4500	25.3	60.0	63.7	65.9	66.5	66.5	66.7	66.9	67.1	67.2	67.4	67.5	67.7	67.8	67.8	68.0
IV 4000	25.7	61.2	64.8	67.1	67.6	67.6	67.8	68.1	68.3	68.4	68.6	68.7	68.9	69.0	69.0	69.1
IV 3500	26.0	61.8	65.8	68.2	68.7	68.7	68.9	69.1	69.4	69.5	69.7	69.8	70.0	70.1	70.1	70.2
IV 3000	26.8	63.7	67.7	70.5	71.2	71.2	71.4	71.6	71.8	71.9	72.2	72.3	72.5	72.6	72.6	72.7
IV 2500	27.6	67.1	71.6	74.6	75.3	75.3	75.7	75.9	76.1	76.2	76.5	76.6	76.8	76.9	76.9	77.0
IV 2000	29.2	72.0	76.8	79.9	80.5	80.5	81.4	81.6	81.8	81.9	82.2	82.3	82.5	82.6	82.6	82.7
IV 1800	29.9	72.5	77.2	80.3	81.0	81.3	81.8	82.0	82.3	82.4	82.6	82.7	82.9	83.0	83.0	83.1
IV 1500	30.9	76.2	81.1	84.2	84.9	85.3	85.9	86.5	86.7	86.8	87.0	87.1	87.3	87.4	87.4	87.5
IV 1200	31.8	78.8	83.8	86.9	87.7	88.2	88.8	89.4	89.6	89.7	89.9	90.0	90.2	90.3	90.3	90.4
IV 1000	32.0	80.6	85.6	88.9	89.8	90.2	90.9	91.4	91.6	91.7	91.9	92.0	92.3	92.4	92.4	92.5
IV 900	32.0	81.0	85.9	89.2	90.2	90.6	91.3	91.8	92.0	92.2	92.4	92.5	92.7	92.8	92.8	92.9
IV 800	32.0	81.8	86.8	90.1	91.1	91.5	92.3	92.8	93.0	93.1	93.3	93.4	93.7	93.8	93.8	93.9
IV 700	32.0	81.9	86.9	90.2	91.3	91.7	92.5	93.0	93.2	93.3	93.5	93.7	94.0	94.1	94.1	94.2
IV 600	32.2	82.7	88.0	91.7	93.0	93.4	94.2	94.7	94.9	95.1	95.3	95.4	95.7	95.8	95.8	95.9
IV 500	32.2	83.0	88.4	92.4	93.8	94.3	95.3	95.8	96.0	96.1	96.3	96.5	96.8	96.9	96.9	97.0
IV 400	32.2	83.1	88.6	92.7	94.4	95.1	96.5	97.2	97.5	97.6	97.8	98.0	98.3	98.4	98.4	98.6
IV 300	32.2	83.2	88.7	92.8	94.5	95.2	96.6	97.4	97.8	98.0	98.2	98.3	98.6	98.7	98.7	98.9
IV 200	32.2	83.4	88.9	93.0	94.7	95.4	96.8	97.7	98.2	98.3	98.6	98.7	99.0	99.1	99.5	99.7
IV 100	32.2	83.4	88.9	93.0	94.7	95.4	96.8	97.7	98.2	98.3	98.6	98.7	99.0	99.1	99.5	100.0
IV 0	32.2	83.4	88.9	93.0	94.7	95.4	96.8	97.7	98.2	98.3	98.6	98.7	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723336

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3600-3800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	18.0	32.4	34.4	35.2	36.6	37.3	37.5	37.8	37.8	38.1	38.1	38.2	38.3	38.3	38.3	38.5
≥ 20000	19.8	37.1	39.7	41.0	42.6	43.3	43.5	44.0	44.0	44.2	44.2	44.3	44.4	44.5	44.6	44.8
≥ 18000	19.9	37.3	39.9	41.2	42.8	43.5	43.8	44.2	44.2	44.4	44.4	44.5	44.6	44.7	44.8	45.1
≥ 16000	20.5	38.0	40.8	42.0	43.7	44.4	44.6	45.1	45.1	45.3	45.3	45.4	45.5	45.6	45.7	45.9
≥ 14000	21.4	39.1	41.9	43.3	44.9	45.7	45.9	46.3	46.3	46.6	46.6	46.7	46.8	46.9	47.0	47.2
≥ 12000	22.6	41.6	44.7	46.1	47.7	48.5	48.7	49.1	49.1	49.4	49.4	49.5	49.6	49.7	49.8	50.0
≥ 10000	24.0	44.4	47.7	49.1	50.8	51.5	51.7	52.2	52.2	52.4	52.4	52.5	52.6	52.7	52.8	53.0
≥ 9000	24.9	45.9	49.2	50.6	52.3	53.0	53.2	53.7	53.7	53.9	53.9	54.0	54.1	54.2	54.3	54.5
≥ 8000	26.5	49.0	52.7	54.3	56.0	56.8	57.0	57.4	57.4	57.6	57.6	57.7	57.8	58.0	58.1	58.3
≥ 7000	27.0	50.5	54.2	55.8	57.5	58.4	58.6	59.0	59.1	59.4	59.4	59.5	59.6	59.7	59.8	60.0
≥ 6000	27.6	52.3	55.9	57.5	59.2	60.1	60.4	61.0	61.1	61.4	61.4	61.5	61.6	61.7	61.8	62.0
≥ 5000	28.7	54.3	58.0	59.7	61.4	62.3	62.6	63.1	63.2	63.5	63.5	63.7	63.8	63.9	64.0	64.2
≥ 4500	29.2	55.6	59.4	61.2	62.9	63.8	64.2	64.7	64.8	65.2	65.2	65.3	65.4	65.5	65.6	65.8
≥ 4000	29.7	56.8	60.5	62.4	64.1	64.9	65.4	66.0	66.1	66.5	66.5	66.6	66.7	66.8	66.9	67.1
≥ 3500	30.3	58.1	61.8	63.7	65.4	66.2	66.7	67.3	67.4	67.7	67.7	67.8	68.0	68.1	68.2	68.4
≥ 3000	31.1	60.1	64.0	65.9	67.7	68.6	69.0	69.7	69.8	70.1	70.1	70.2	70.3	70.4	70.5	70.8
≥ 2500	32.0	62.2	66.1	68.2	70.3	71.3	71.8	72.5	72.6	72.9	72.9	73.0	73.1	73.2	73.3	73.7
≥ 2000	34.0	66.6	70.9	72.9	75.2	76.5	77.2	77.8	78.1	78.4	78.4	78.5	78.7	78.8	78.9	79.2
≥ 1800	34.1	67.3	71.7	73.8	76.1	77.4	78.2	78.8	79.0	79.4	79.4	79.5	79.7	79.8	79.9	80.2
≥ 1500	35.1	70.6	75.3	77.5	79.9	81.2	82.0	82.7	82.9	83.2	83.2	83.3	83.5	83.7	83.8	84.1
≥ 1200	35.9	72.7	77.7	80.2	82.9	84.2	85.1	85.7	85.9	86.2	86.2	86.3	86.6	86.7	86.8	87.1
≥ 1000	36.0	74.6	80.0	82.6	85.4	87.1	88.1	88.8	89.0	89.4	89.4	89.5	89.7	89.8	89.9	90.2
≥ 900	36.0	74.8	80.3	82.9	85.8	87.5	88.5	89.4	89.6	89.9	89.9	90.0	90.2	90.3	90.4	90.8
≥ 800	36.3	76.2	81.9	84.6	87.5	89.2	90.3	91.3	91.5	91.8	91.8	91.9	92.2	92.3	92.4	92.7
≥ 700	36.5	76.8	82.6	85.4	88.5	90.3	91.4	92.4	92.6	92.9	92.9	93.0	93.2	93.3	93.4	93.8
≥ 600	36.5	77.3	83.1	86.1	89.8	91.6	92.8	93.9	94.1	94.4	94.4	94.5	94.7	94.8	94.9	95.3
≥ 500	36.8	78.0	83.8	87.0	90.9	92.8	94.1	95.3	95.5	95.8	95.8	95.9	96.1	96.2	96.3	96.7
≥ 400	36.6	78.1	83.9	87.1	91.2	93.3	94.8	96.2	96.5	96.8	96.9	97.0	97.2	97.3	97.4	98.1
≥ 300	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.3	97.6	98.2	98.5	98.6	99.6
≥ 200	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.3	97.7	98.4	98.9	99.0	100.0
≥ 100	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.3	97.7	98.4	98.9	99.0	100.0
≥ 0	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.3	97.7	98.4	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	30.6	38.2	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
IV 20000	34.3	44.1	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 18000	34.7	44.7	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 15000	34.7	44.9	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 14000	35.4	46.5	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 12000	36.6	48.5	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 10000	38.6	51.4	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 9000	39.6	52.7	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 8000	41.1	55.1	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 7000	42.9	57.6	58.5	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 6000	43.9	58.8	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 5000	44.8	60.5	61.6	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 4500	45.1	60.9	61.9	62.5	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 4000	45.8	62.7	63.9	64.4	64.5	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 3500	46.9	64.3	65.5	66.1	66.2	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 3000	48.5	66.7	67.8	68.5	68.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 2500	51.4	70.6	72.0	72.8	73.1	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 2000	52.5	73.2	74.7	75.8	76.3	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 1800	53.4	74.5	76.1	77.2	77.8	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 1500	55.5	78.4	80.3	81.6	82.3	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 1200	56.9	81.1	83.5	85.1	85.8	86.3	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1000	58.0	83.2	86.2	88.0	89.0	89.9	90.3	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 900	58.1	84.2	87.4	89.1	90.2	91.2	91.6	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 800	58.1	84.8	88.6	90.3	91.5	92.6	93.2	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 700	58.5	85.7	89.5	91.4	92.7	93.9	94.6	95.1	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 600	58.7	86.3	90.4	92.7	94.0	95.3	96.2	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 500	58.7	86.6	90.8	93.0	94.4	95.7	96.8	97.4	97.7	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	58.7	86.6	90.8	93.1	94.6	96.1	97.3	98.1	98.4	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1
IV 300	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7
IV 200	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8
IV 100	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8
IV 0	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723326

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

HOURS (L.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	36.7	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	44.7	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000	44.4	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 16000	44.7	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000	46.9	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	48.8	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	49.7	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	50.2	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 8000	51.7	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	53.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	53.9	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	55.2	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4500	55.6	68.0	68.0	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
≥ 4000	57.0	69.7	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 3500	58.9	72.0	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 3000	61.2	75.5	75.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	63.7	79.0	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	65.9	83.1	83.4	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	66.5	84.2	84.5	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	67.1	87.5	88.1	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	67.7	89.6	90.4	91.4	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	67.8	90.2	91.5	92.7	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 900	68.0	90.4	91.7	92.9	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 800	68.1	91.5	93.1	94.6	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 700	68.3	92.2	94.0	95.7	96.9	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 600	68.4	92.7	94.5	96.5	97.8	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 500	68.4	93.0	94.9	96.9	98.4	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 400	68.4	93.0	94.9	97.0	98.5	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	39.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 18000 IV 16000	47.2	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 14000 IV 12000	48.9	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 10000 IV 9000	52.6	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 8000 IV 7000	55.9	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	65.8
IV 6000 IV 5000	58.1	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 4500 IV 4000	59.6	71.8	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 3500 IV 3000	63.4	77.6	78.1	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 2500 IV 2000	67.6	84.7	85.6	85.9	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1800 IV 1500	68.7	87.1	88.1	88.6	89.0	89.2	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1200 IV 1000	69.2	90.8	92.0	93.0	93.4	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 900 IV 800	69.6	91.7	93.1	94.2	94.7	94.9	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
IV 700 IV 600	69.7	92.5	93.9	94.9	95.7	96.1	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
IV 500 IV 400	70.0	93.3	94.8	96.1	97.1	97.5	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
IV 300 IV 200	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100 IV 0	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723316

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2
IV 20000	43.9	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4
IV 18000	44.4	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3
IV 16000	44.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8
IV 14000	46.5	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6
IV 12000	46.9	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
IV 10000	48.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
IV 9000	48.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3
IV 8000	51.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2
IV 7000	52.0	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
IV 6000	53.3	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
IV 5000	54.2	73.4	73.5	74.0	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4
IV 4500	54.6	74.0	74.2	74.7	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2
IV 4000	56.3	77.1	77.4	78.0	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5
IV 3500	57.5	79.5	79.9	80.4	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
IV 3000	58.4	82.8	83.4	84.0	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
IV 2500	59.1	85.7	86.3	87.0	87.4	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
IV 2000	59.6	87.1	87.7	88.6	89.1	89.4	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9
IV 1800	59.6	87.3	88.0	88.8	89.4	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
IV 1500	60.2	89.7	90.5	91.7	92.4	92.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3
IV 1200	60.4	90.5	91.4	92.6	93.3	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
IV 1000	60.4	91.0	91.9	93.1	93.9	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1
IV 900	60.4	91.2	92.2	93.3	94.1	94.5	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
IV 800	60.5	91.5	92.5	93.8	94.7	95.4	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
IV 700	60.5	92.0	93.0	94.4	95.5	96.2	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6
IV 600	60.5	92.3	93.2	94.8	96.0	96.8	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4
IV 500	60.5	92.6	93.5	95.2	96.3	97.3	98.2	98.6	98.6	98.8	98.8	98.9	98.9	98.9	99.0	99.0
IV 400	60.5	92.7	93.8	95.4	96.6	97.5	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6
IV 300	60.5	92.7	93.8	95.5	96.7	97.6	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.8
IV 200	60.5	92.7	93.8	95.6	96.9	97.8	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	60.5	92.7	93.8	95.6	96.9	97.8	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	60.5	92.7	93.8	95.6	96.9	97.8	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

70,73-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	30.9	51.4	51.6	51.7	52.2	52.2	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	34.5	56.9	57.2	57.3	57.7	57.7	57.7	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 18000	34.9	58.2	58.5	58.6	59.0	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 16000	35.3	58.5	58.8	58.9	59.4	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 14000	36.0	59.5	59.8	59.9	60.3	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 12000	37.1	61.4	61.7	61.8	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 10000	38.4	64.4	64.7	64.8	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 9000	38.8	65.1	65.6	65.7	66.1	66.1	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 8000	40.4	68.2	68.7	68.8	69.2	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 7000	41.0	69.4	70.4	70.6	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 6000	41.1	69.9	71.1	71.4	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 5000	42.2	71.4	72.8	73.2	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 4500	42.6	72.3	73.8	74.2	74.8	74.8	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 4000	43.3	74.5	76.0	76.6	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 3500	43.9	75.8	77.3	77.8	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 3000	45.8	79.0	80.6	81.3	81.9	81.9	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 2500	46.7	82.5	84.5	85.3	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 2000	47.2	84.7	87.0	88.0	89.1	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1800	47.2	85.4	87.7	88.7	89.9	90.0	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 1500	47.8	87.2	89.8	90.8	92.0	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1200	48.5	88.4	91.0	91.9	93.2	93.3	93.7	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1
IV 1000	48.5	89.0	91.7	93.0	94.4	94.5	94.8	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	48.5	89.0	91.8	93.1	94.8	94.9	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
IV 800	48.8	89.5	92.4	93.7	95.5	95.6	95.9	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 700	48.8	89.7	92.8	94.2	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1
IV 600	48.8	89.9	93.1	94.5	96.6	97.0	97.5	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0
IV 500	48.8	90.0	93.4	95.2	97.2	97.6	98.5	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7
IV 300	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8
IV 200	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.9	99.9	100.0
IV 100	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.9	99.9	100.0
IV 0	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

728374

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	29.3	42.9	43.8	44.1	44.4	44.5	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.9	44.9	44.9
≥ 20000	33.6	49.6	50.6	51.1	51.5	51.5	51.6	51.7	51.7	51.8	51.8	51.8	51.9	51.9	51.9	52.0
≥ 18000	34.0	50.3	51.3	51.8	52.2	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.6	52.6	52.7	52.7
≥ 16000	34.4	50.8	51.8	52.3	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.1	53.1	53.2	53.2
≥ 14000	35.5	52.2	53.3	53.8	54.2	54.2	54.3	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.7	54.7
≥ 12000	36.7	54.1	55.3	55.8	56.1	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.6	56.6	56.7
≥ 10000	38.0	56.6	57.8	58.3	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.2	59.2
≥ 9000	38.7	57.6	58.8	59.3	59.7	59.8	59.8	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.2	60.2
≥ 8000	40.3	60.3	61.7	62.3	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.1	63.1	63.2
≥ 7000	41.4	62.2	63.7	64.3	64.6	64.7	64.8	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.2	65.2
≥ 6000	42.0	63.6	65.1	65.8	66.1	66.3	66.3	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.8
≥ 5000	43.0	65.4	67.0	67.8	68.3	68.4	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.9	68.9
≥ 4500	43.5	66.4	68.1	69.0	69.5	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.2
≥ 4000	44.4	68.4	70.1	71.1	71.6	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.3	72.3
≥ 3500	45.4	70.1	71.9	72.8	73.3	73.5	73.6	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.1
≥ 3000	46.2	72.7	74.6	75.7	76.2	76.4	76.6	76.7	76.7	76.8	76.8	76.9	76.9	77.0	77.0	77.0
≥ 2500	48.4	76.1	78.2	79.5	80.1	80.4	80.6	80.7	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.1
≥ 2000	49.6	79.2	81.4	82.8	83.6	84.0	84.3	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.8	84.8
≥ 1800	49.9	79.8	82.1	83.5	84.4	84.7	85.0	85.2	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.6
≥ 1500	50.4	82.6	85.2	86.8	87.7	88.1	88.4	88.6	88.7	88.8	88.8	88.8	88.9	88.9	89.0	89.0
≥ 1200	51.5	84.5	87.2	89.0	90.0	90.4	90.8	91.0	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.4
≥ 1000	51.7	85.7	88.6	90.5	91.7	92.2	92.6	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.4
≥ 900	51.7	86.0	89.0	90.9	92.1	92.7	93.2	93.5	93.6	93.7	93.7	93.7	93.8	93.8	93.9	94.0
≥ 800	51.8	86.7	89.9	91.8	93.2	93.8	94.4	94.7	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.2
≥ 700	52.0	87.2	90.5	92.6	94.0	94.8	95.4	95.7	95.8	95.9	96.0	96.0	96.0	96.1	96.2	96.3
≥ 600	52.1	87.7	91.0	93.3	95.0	95.8	96.5	96.9	97.0	97.2	97.2	97.3	97.3	97.4	97.4	97.5
≥ 500	52.1	88.0	91.4	93.9	95.6	96.4	97.3	97.7	97.9	98.1	98.2	98.2	98.3	98.4	98.4	98.4
≥ 400	52.1	88.1	91.5	94.1	95.9	96.9	97.9	98.4	98.6	98.8	98.9	99.0	99.1	99.1	99.2	99.3
≥ 300	52.1	88.1	91.6	94.1	96.0	97.0	98.0	98.6	98.8	99.0	99.2	99.3	99.4	99.5	99.5	99.7
≥ 200	52.1	88.1	91.6	94.2	96.0	97.0	98.1	98.6	98.9	99.1	99.3	99.4	99.6	99.7	99.8	99.9
≥ 100	52.1	88.1	91.6	94.2	96.0	97.0	98.1	98.7	98.9	99.1	99.3	99.4	99.6	99.7	99.8	100.0
≥ 0	52.1	88.1	91.6	94.2	96.0	97.0	98.1	98.7	98.9	99.1	99.3	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

CLIMATE CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1233.6

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0	
NO CEILING	24.1	58.1	60.6	60.8	61.6	61.8	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.4	62.4
≥ 20000	26.6	64.6	67.0	67.2	68.0	68.3	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.0	69.0
IV 18000	26.7	64.8	67.2	67.4	68.2	68.6	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.2	69.2
IV 15000	27.0	65.4	67.9	68.1	68.9	69.2	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.9	69.9
IV 14000	27.6	66.3	68.8	69.0	69.8	70.1	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.8	70.8
IV 12000	28.3	67.8	70.2	70.4	71.2	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.2	72.2
IV 10000	29.3	69.6	72.0	72.2	73.0	73.3	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9	74.0	74.0
IV 9000	29.3	69.9	72.4	72.7	73.4	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.4	74.4
IV 8000	29.8	71.3	73.9	74.2	75.0	75.3	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.2	76.2
IV 7000	30.7	73.2	75.8	76.2	77.0	77.3	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.2	78.2
IV 6000	31.2	73.8	76.3	76.8	77.6	77.9	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.8	78.8
IV 5000	31.8	75.2	78.7	78.7	79.6	79.9	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.8	80.8
IV 4500	32.3	76.9	80.1	80.8	81.8	82.1	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9	83.0	83.0
IV 4000	33.0	78.3	81.6	82.2	83.3	83.7	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.6	84.6
IV 3500	33.3	79.3	82.6	83.4	84.6	84.9	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.8	85.8
IV 3000	33.7	80.1	83.3	84.4	85.6	85.9	86.1	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.8	86.8
IV 2500	34.4	83.1	86.3	87.7	89.0	89.3	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.2	90.2
IV 2000	35.0	84.3	87.9	89.3	90.8	91.1	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	92.0	92.0
IV 1800	35.3	85.1	88.7	90.1	91.6	91.9	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.9	92.9
IV 1500	35.9	86.1	90.1	91.7	93.2	93.6	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.6	94.6
IV 1200	36.3	86.8	91.3	93.1	94.9	95.2	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.2	96.2
IV 1000	36.3	87.2	91.9	93.8	95.6	95.9	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.0	97.0
IV 900	36.3	87.8	92.4	94.6	96.3	96.7	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.8	97.8
IV 800	36.3	88.0	92.7	94.8	96.6	97.1	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.2	98.2
IV 700	36.3	88.2	92.9	95.0	96.8	97.4	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.7	98.7
IV 600	36.3	88.4	93.1	95.3	97.1	97.8	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.1
IV 500	36.3	88.4	93.1	95.4	97.2	97.9	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2
IV 400	36.3	88.6	93.2	95.6	97.7	98.3	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.7
IV 300	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8
IV 200	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8
IV 100	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	99.9
IV 0	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 86

COLUMBUS AFB MS

70, 73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0	
NO CEILING	15.7	49.7	53.1	55.4	56.7	57.2	57.7	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.2	58.2
≥ 20000	16.3	53.8	57.7	60.3	61.7	62.4	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.6	63.6
≥ 18000	16.3	53.8	57.7	60.3	61.7	62.4	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.6	63.6
≥ 16000	17.0	54.6	58.4	61.1	62.4	63.2	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.3	64.3
≥ 14000	17.6	55.4	59.6	62.2	63.6	64.3	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.4	65.4
≥ 12000	17.6	56.3	60.4	63.1	64.4	65.2	65.7	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3
≥ 10000	19.0	59.1	63.2	65.9	67.2	68.0	68.4	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.1	69.1
≥ 9500	19.0	59.3	63.4	66.1	67.4	68.2	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.3	69.3
≥ 8000	19.1	60.9	65.3	68.2	69.7	70.4	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.7	71.7
≥ 7000	20.3	62.8	67.2	70.1	71.6	72.3	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.6	73.6
≥ 6000	20.5	64.0	68.8	71.7	73.1	73.9	74.4	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.1
≥ 5000	21.4	65.6	70.4	73.3	74.9	75.7	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.9	76.9
≥ 4500	21.5	66.9	72.0	74.9	76.4	77.2	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.4	78.4
≥ 4000	21.7	67.9	73.1	76.0	77.9	79.0	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.2	80.2
≥ 3500	21.9	68.6	73.8	76.7	78.6	79.7	80.2	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.9	80.9
≥ 3000	22.3	70.4	75.9	78.8	80.7	81.8	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	83.0	83.0
≥ 2500	22.9	72.6	78.3	81.9	83.9	85.0	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.2	86.2
≥ 2000	23.1	73.7	79.6	83.2	85.2	86.3	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.6	87.6
≥ 800	23.1	74.4	80.3	84.0	86.0	87.1	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.3
≥ 1500	23.7	76.8	83.0	86.8	88.8	90.0	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.2	91.2
≥ 1200	24.1	78.6	85.2	89.2	91.3	92.6	93.1	93.4	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.8
≥ 1000	24.1	79.7	86.7	90.9	93.2	94.4	95.0	95.4	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.9	95.9
≥ 900	24.1	80.1	87.3	91.6	94.0	95.2	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.7	96.7
≥ 800	24.1	80.2	87.7	92.0	94.4	95.8	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.2
≥ 700	24.2	80.4	88.0	92.3	94.8	96.3	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.8	97.8
≥ 600	24.2	80.7	88.3	92.8	95.3	96.9	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 500	24.2	80.9	88.6	93.2	95.9	97.6	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 400	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.4	99.4
≥ 300	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7
≥ 200	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.8	99.8
≥ 100	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.8	99.8
≥ 0	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	22.7	44.1	46.2	47.2	48.0	48.4	48.7	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	24.6	50.0	52.6	54.7	55.4	55.9	56.1	56.3	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 18000	25.1	51.0	53.6	55.7	56.4	56.9	57.1	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 16000	25.2	51.2	53.8	55.9	56.7	57.1	57.3	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 14000	25.6	52.0	54.6	56.7	57.4	57.9	58.1	58.3	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 12000	26.6	53.9	56.4	58.9	59.7	60.1	60.3	60.6	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 10000	27.1	56.0	58.8	61.2	62.1	62.6	62.8	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 9000	27.3	56.7	59.4	61.9	62.8	63.2	63.4	63.7	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	28.1	60.0	63.1	65.9	66.8	67.4	67.7	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	29.7	62.8	66.1	69.0	69.9	70.6	70.8	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000	30.0	64.0	67.7	70.7	71.7	72.3	72.6	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 5000	30.4	65.2	69.6	72.8	73.8	74.4	74.7	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 4500	30.7	65.6	70.1	73.3	74.3	75.0	75.2	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 4000	30.9	66.4	71.2	74.4	75.4	76.1	76.3	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 3500	31.4	67.3	72.1	75.3	76.4	77.1	77.3	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 3000	32.1	68.9	73.9	77.2	78.3	79.0	79.2	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 2500	32.9	70.7	76.1	79.6	80.7	81.4	81.7	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 2000	33.3	72.2	77.9	81.4	82.6	83.3	83.6	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 1800	33.9	73.2	78.9	82.4	83.6	84.3	84.6	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 1500	34.1	75.1	81.4	85.2	86.4	87.2	87.4	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1200	34.1	77.0	83.4	87.4	88.7	89.6	89.9	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1000	34.1	77.8	84.6	88.6	90.2	91.1	91.4	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 900	34.2	78.7	85.4	89.4	91.1	92.0	92.3	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	34.2	79.3	86.4	90.7	92.3	93.4	93.8	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	34.2	79.8	87.0	91.3	93.1	94.2	94.6	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 600	34.3	80.0	87.3	92.0	94.0	95.1	95.6	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	34.4	80.7	88.1	92.8	95.1	96.2	96.7	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 400	34.6	80.9	88.3	93.0	95.3	96.4	97.0	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 200	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722376

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.1	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	44.4	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
≥ 18000	45.4	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	46.7	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 14000	46.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	46.9	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 10000	47.8	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	47.8	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	49.6	67.6	68.0	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
≥ 7000	50.2	69.1	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
≥ 6000	51.1	70.3	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	51.8	71.8	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	52.2	72.6	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	53.6	75.0	75.9	76.2	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	54.2	76.3	77.3	77.7	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3000	55.0	77.7	78.8	79.1	79.4	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	56.4	81.2	82.6	82.9	83.2	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	57.1	83.4	85.0	85.4	85.8	85.8	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	57.3	84.2	85.9	86.3	86.8	86.8	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	57.6	87.1	89.2	89.8	90.2	90.2	90.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	58.9	89.3	91.4	92.1	92.6	92.7	92.9	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	58.9	90.0	92.3	93.1	93.8	94.0	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	59.1	90.4	92.8	93.7	94.3	94.6	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	59.3	90.7	93.0	93.9	94.7	94.9	95.1	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	59.4	91.1	93.4	94.3	95.1	95.3	95.7	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	59.7	92.2	94.7	95.7	96.6	97.0	97.4	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	59.8	92.7	95.1	96.2	97.2	97.8	98.6	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70, 73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.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	42.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	49.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	49.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	50.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	51.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	53.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000	55.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 9000	55.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	56.4	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	66.1	66.1
≥ 7000	57.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 6000	57.8	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	68.8
≥ 5000	59.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	60.0	72.2	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	62.0	75.7	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3500	65.2	80.0	80.6	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
≥ 3000	67.8	84.0	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	69.9	87.6	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	70.7	89.6	90.3	90.4	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	70.8	89.9	90.7	90.8	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	71.8	92.2	93.1	93.6	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	72.6	93.2	94.1	94.6	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	73.0	93.9	94.9	95.4	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	73.0	94.0	95.0	95.7	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	73.0	94.2	95.2	96.0	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	73.2	94.4	95.4	96.2	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	73.3	95.0	96.0	96.8	97.7	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	73.4	95.4	96.4	97.3	98.2	98.6	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 400	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	48.2	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	57.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 18000	57.8	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 16000	58.3	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 14000	59.6	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 12000	61.3	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 10000	63.6	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 9000	64.2	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 8000	65.2	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 7000	65.8	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 6000	66.3	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 5000	67.0	78.2	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	78.7
IV 4500	68.3	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	81.3
IV 4000	70.8	84.1	84.7	85.0	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 3500	71.8	86.4	87.1	87.4	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 3000	73.0	88.6	89.2	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2500	74.4	91.6	92.2	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 2000	74.8	92.2	92.9	93.7	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
IV 1800	74.8	92.2	93.0	93.8	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
IV 1500	75.1	93.0	93.9	95.0	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
IV 1200	75.4	94.0	94.9	96.0	96.2	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
IV 1000	75.8	94.4	95.3	96.4	96.7	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
IV 900	75.9	94.6	95.4	96.6	96.8	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IV 800	76.0	94.7	95.6	96.7	96.9	97.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
IV 700	76.0	94.8	95.7	96.8	97.0	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
IV 600	76.0	94.9	95.8	97.0	97.3	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
IV 500	76.1	95.3	96.2	97.6	97.9	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 400	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 300	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	46.1	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥20000	52.6	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 18000	53.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 16000	53.9	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 14000	54.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 12000	54.9	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 10000	56.8	75.9	76.2	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	57.2	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 8000	57.7	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 7000	58.3	79.6	80.0	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 6000	58.8	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 5000	59.4	81.3	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 4500	59.9	83.4	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4000	61.0	85.8	86.4	86.8	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 3500	61.7	87.7	88.3	88.9	88.9	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000	62.4	88.9	89.6	90.1	90.1	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2500	63.2	90.9	91.6	92.2	92.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 2000	63.2	91.1	91.9	92.6	92.6	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1800	63.2	91.2	92.0	92.7	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1500	63.4	92.6	93.3	94.0	94.6	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1200	63.8	92.9	93.7	94.3	95.1	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000	64.0	93.1	93.9	94.7	95.4	95.9	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	64.0	93.2	94.0	94.8	95.6	96.0	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 800	64.0	93.2	94.1	94.9	95.8	96.3	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 700	64.0	93.2	94.1	95.0	95.9	96.4	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 600	64.0	93.6	94.6	95.6	96.6	97.2	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	64.0	93.6	94.6	95.6	96.6	97.2	98.4	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	64.0	93.6	94.6	95.6	96.8	97.6	98.8	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	35.9	62.2	62.8	63.2	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	38.6	69.0	69.7	70.1	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 18000	33.8	69.3	70.0	70.4	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 16000	39.4	70.1	70.8	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 14000	39.6	70.7	71.3	71.8	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 12000	40.2	72.3	73.0	73.4	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 10000	40.9	73.4	74.1	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 9000	41.2	73.9	74.7	75.1	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 8000	41.8	75.7	76.7	77.2	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 7000	42.1	77.2	78.2	78.8	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 6000	42.7	78.0	79.0	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 5000	43.4	79.4	80.7	81.6	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 4500	43.9	80.9	82.3	83.2	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 4000	45.1	83.1	84.6	85.4	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 3500	45.2	84.3	85.9	86.9	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 3000	45.7	86.6	88.1	89.1	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 2500	46.2	88.7	90.4	91.6	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2000	46.7	89.6	91.3	92.4	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1800	46.7	89.7	91.4	92.6	93.1	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1500	46.8	90.3	92.6	93.9	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1200	46.8	90.7	92.9	94.4	95.0	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1000	47.3	91.4	93.7	95.6	96.2	96.7	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 900	47.4	91.8	94.0	96.0	96.7	97.1	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	47.4	92.1	94.3	96.3	97.0	97.4	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	47.4	92.4	94.9	97.0	97.8	98.3	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	47.4	92.4	94.9	97.0	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	47.4	92.4	94.9	97.0	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	47.4	92.4	94.9	97.0	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 J6

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOUS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	34.2	53.1	54.3	54.8	55.2	55.3	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	39.7	60.7	62.0	62.7	63.1	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	39.1	61.4	62.7	63.4	63.8	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	39.7	62.1	63.4	64.1	64.5	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 14000	40.3	63.0	64.3	65.0	65.4	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	41.2	64.7	66.0	66.8	67.2	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	42.9	67.1	68.4	69.2	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 9000	42.3	67.6	69.0	69.7	70.1	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7
≥ 8000	43.5	69.4	70.9	71.8	72.2	72.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	44.3	71.1	72.6	73.5	74.0	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6
≥ 6000	44.3	72.0	73.7	74.6	75.1	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7
≥ 5000	45.6	73.5	75.4	76.4	76.9	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6
≥ 4500	46.1	74.9	77.0	78.1	78.6	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	47.3	77.0	79.2	80.3	80.9	81.2	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	48.1	78.8	81.0	82.1	82.8	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6
≥ 3000	49.0	80.6	82.9	84.2	84.9	85.2	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	50.1	83.3	85.7	87.2	87.9	88.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 2000	50.5	84.5	87.1	88.6	89.3	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 1800	50.6	85.0	87.6	89.1	89.9	90.3	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 1500	51.0	86.7	89.6	91.2	92.1	92.6	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 1200	51.5	87.8	90.9	92.7	93.6	94.1	94.6	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 1000	51.7	88.4	91.7	93.6	94.7	95.1	95.7	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 900	51.8	88.8	92.1	94.0	95.2	95.6	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6
≥ 800	51.8	89.1	92.4	94.4	95.6	96.1	96.7	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 700	51.9	89.3	92.7	94.8	95.9	96.6	97.2	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	51.9	89.7	93.1	95.3	96.6	97.3	98.0	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 500	52.0	89.9	93.4	95.6	97.0	97.8	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 400	52.0	90.0	93.5	95.8	97.2	98.0	98.8	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	52.0	90.0	93.5	95.8	97.3	98.1	98.9	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	52.0	90.0	93.5	95.8	97.3	98.1	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	52.0	90.0	93.5	95.8	97.3	98.1	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0
0	52.0	90.0	93.5	95.8	97.3	98.1	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 6

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	15.3	49.5	54.2	58.3	59.6	59.7	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 20000	18.6	56.1	61.3	65.6	67.2	67.3	67.6	67.8	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 18000	19.0	56.5	61.8	66.0	67.6	67.9	68.2	68.3	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.8
≥ 16000	19.5	57.1	62.3	66.6	68.2	68.4	68.7	68.8	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.4
≥ 14000	20.3	58.2	63.4	67.6	69.3	69.5	69.8	69.9	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 12000	20.9	60.2	65.5	69.7	71.4	71.6	71.9	72.0	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 10000	21.6	63.5	69.0	73.2	74.8	75.1	75.4	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 9000	21.7	63.8	69.4	73.6	75.3	75.5	75.8	75.9	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.5
≥ 8000	22.3	66.0	71.8	76.3	77.9	78.2	78.5	78.6	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 7000	22.8	67.3	73.3	77.9	79.6	80.1	80.4	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 6000	22.9	67.8	73.7	78.3	80.1	80.5	80.8	80.9	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.5
≥ 5000	23.1	68.6	74.7	79.3	81.0	81.5	81.8	81.9	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 4500	23.2	69.4	75.9	80.6	82.4	82.8	83.1	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 4000	23.3	70.7	78.1	83.4	85.4	85.9	86.3	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 3500	23.3	71.2	78.8	84.1	86.1	86.7	87.0	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 3000	24.0	72.5	80.1	85.4	87.4	88.0	88.6	88.7	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 2500	24.3	74.4	82.0	87.6	89.5	90.2	90.7	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 2000	24.5	75.4	83.0	88.8	90.8	91.5	92.2	92.3	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.8
≥ 1800	24.7	75.8	83.4	89.2	91.3	91.9	92.6	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1500	24.7	76.5	84.2	90.0	92.0	92.7	93.4	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 1200	24.7	76.8	84.5	90.3	92.6	93.2	93.9	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 1000	24.7	78.0	85.7	91.7	94.1	94.8	95.4	95.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 900	24.7	78.5	86.3	92.3	94.7	95.3	96.0	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 800	24.9	79.0	86.8	93.2	95.8	96.5	97.2	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 700	24.9	79.1	86.9	93.4	96.0	96.7	97.4	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	98.1
≥ 600	24.9	79.4	87.3	93.7	96.6	97.4	98.0	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.9
≥ 500	24.9	79.5	87.4	94.0	96.9	97.7	98.4	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.1
≥ 400	24.9	79.6	87.6	94.2	97.4	98.1	98.8	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.6
≥ 300	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥ 200	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

725306

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	8.7	35.5	41.3	46.0	50.1	51.9	53.3	54.5	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.4	55.4
≥ 20000	10.2	39.8	45.8	51.6	55.7	57.8	59.4	60.9	61.6	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.0
IV 18000	10.4	40.4	46.5	52.2	56.4	58.4	60.0	61.6	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.6	62.6
IV 16000	10.6	40.8	46.9	52.9	57.0	59.1	60.7	62.2	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.3	63.3
IV 14000	11.1	41.4	47.4	53.5	57.7	59.7	61.5	63.0	63.7	63.8	63.8	63.8	63.8	63.8	63.8	64.2	64.2
IV 12000	11.4	42.5	48.6	54.7	59.0	61.0	62.8	64.3	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.5	65.5
IV 10000	11.9	45.2	52.2	58.3	62.9	64.9	66.7	68.2	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.4	69.4
IV 9000	11.9	45.4	52.6	59.0	63.7	65.8	67.5	69.1	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.2
IV 8000	12.1	47.9	55.3	62.1	67.2	69.4	71.1	72.6	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.9	73.9
IV 7000	12.2	48.3	55.7	62.6	67.8	70.0	71.9	73.4	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.7	74.7
IV 6000	12.2	48.5	56.4	63.4	68.6	70.9	72.7	74.3	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.6	75.6
IV 5000	12.4	49.5	57.4	65.0	70.4	72.6	74.5	76.0	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.3	77.3
IV 4500	12.5	50.9	59.2	66.8	72.1	74.4	76.3	77.9	78.6	78.7	78.7	78.7	78.8	78.8	78.8	79.2	79.2
IV 4000	12.5	51.7	60.3	68.1	73.5	75.9	77.9	79.4	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.7	80.7
IV 3500	12.7	52.2	61.6	69.4	74.8	77.2	79.2	80.7	81.4	81.5	81.5	81.5	81.7	81.7	81.7	82.0	82.0
IV 3000	12.7	53.6	63.0	71.2	76.7	79.0	81.0	82.5	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.8	83.8
IV 2500	12.7	54.1	63.5	71.8	77.3	79.7	81.7	83.2	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.5	84.5
IV 2000	12.8	54.9	64.4	73.0	78.7	81.1	83.1	84.6	85.3	85.5	85.5	85.5	85.6	85.7	85.7	86.0	86.0
IV 1800	12.8	55.4	64.8	73.5	79.3	81.7	83.7	85.2	86.1	86.2	86.2	86.2	86.3	86.4	86.4	86.8	86.8
IV 1500	12.9	56.7	66.3	75.5	81.4	83.8	85.9	87.4	88.3	88.4	88.4	88.4	88.5	88.6	88.6	88.9	88.9
IV 1200	13.1	57.2	67.2	76.5	82.8	85.5	87.6	89.1	90.0	90.1	90.1	90.1	90.2	90.3	90.3	90.7	90.7
IV 1000	13.2	58.6	68.8	78.4	84.9	87.5	89.7	91.3	92.2	92.3	92.3	92.3	92.4	92.5	92.5	92.8	92.8
IV 900	13.4	59.3	69.6	79.2	85.7	88.3	90.4	92.1	92.9	93.2	93.2	93.2	93.3	93.4	93.4	93.7	93.7
IV 800	13.5	59.7	70.2	80.0	87.1	89.7	91.9	93.5	94.4	94.6	94.6	94.6	94.7	94.8	94.8	95.1	95.1
IV 700	13.5	59.8	70.6	80.5	87.8	90.4	92.6	94.2	95.1	95.3	95.3	95.3	95.4	95.5	95.5	96.0	96.0
IV 600	13.5	60.0	71.0	81.0	88.6	91.2	93.4	95.0	95.9	96.2	96.2	96.2	96.3	96.4	96.4	96.9	96.9
IV 500	13.5	60.2	71.2	81.3	89.3	92.0	94.1	95.8	96.6	97.0	97.0	97.0	97.1	97.2	97.2	97.6	97.6
IV 400	13.5	60.4	71.8	82.1	90.0	92.8	95.2	96.9	97.7	98.0	98.2	98.2	98.3	98.4	98.4	98.8	98.8
IV 300	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.5	98.7	98.7	98.9	99.1	99.1	99.7	99.7
IV 200	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.6	98.8	98.8	99.0	99.2	99.2	99.9	99.9
IV 100	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.6	98.8	98.8	99.0	99.2	99.2	99.9	100.0
IV 0	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.6	98.8	98.8	99.0	99.2	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723326

COLUMBUS AFB MS

70, 73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	14.9	34.5	38.5	42.2	45.1	46.8	48.4	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2
≥ 20000	15.7	39.7	44.1	48.3	51.6	53.5	55.2	55.7	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2
IN 18000	15.9	40.2	44.8	49.0	52.2	54.2	55.9	56.3	56.6	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9
IN 6000	16.2	40.6	45.2	49.5	52.8	54.7	56.4	56.9	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4
IN 14000	16.6	41.4	46.2	50.7	54.1	56.0	57.7	58.2	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7
IN 2000	16.8	42.5	47.4	51.9	55.2	57.3	59.0	59.5	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0
IN 10000	17.3	45.5	50.7	55.8	59.6	61.6	63.4	63.9	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6
IN 9000	17.4	45.9	51.1	56.5	60.6	62.8	64.5	65.1	65.5	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8
IN 8000	17.5	48.3	53.8	59.7	63.9	66.1	67.8	68.3	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1
IN 7000	17.7	49.0	54.7	60.6	64.9	67.0	68.8	69.3	69.7	69.8	69.9	69.9	69.9	70.1	70.1	70.1	70.1
IN 6000	18.1	49.8	55.8	61.9	66.2	68.4	70.2	70.7	71.1	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5
IN 5000	18.2	51.4	57.6	64.3	68.8	71.1	72.9	73.5	73.9	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
IN 4500	18.2	52.4	58.7	65.4	69.8	72.2	73.9	74.6	75.0	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.4
IN 4000	18.3	53.2	59.7	66.6	71.5	73.9	75.7	76.3	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1
IN 3500	18.4	53.9	60.4	67.5	72.3	75.0	76.8	77.4	77.8	77.9	78.1	78.1	78.1	78.2	78.2	78.2	78.2
IN 3000	18.6	54.9	61.6	68.6	73.5	76.2	77.9	78.6	79.0	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4
IN 2500	18.7	55.7	62.7	70.1	74.9	77.6	79.5	80.1	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9
IN 2000	18.8	57.1	64.6	72.3	77.3	80.1	82.3	82.9	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7
IN 1800	18.8	57.1	64.6	72.3	77.3	80.1	82.3	82.9	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7
IN 1500	18.9	59.4	66.9	74.7	79.8	82.6	85.0	85.6	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4
IN 1200	19.5	60.9	68.9	76.9	82.3	85.1	87.5	88.1	88.5	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9
IN 1000	19.9	62.9	71.0	79.2	84.9	87.8	90.2	90.9	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
IN 900	20.1	63.5	71.8	80.1	85.7	88.6	91.0	91.8	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5
IN 800	20.1	63.8	72.3	80.9	86.6	89.7	92.3	93.1	93.5	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8
IN 700	20.1	64.2	72.9	81.6	87.4	90.5	93.1	93.8	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6
IN 600	20.2	65.0	73.9	83.0	89.3	92.5	95.1	96.0	96.5	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9
IN 500	20.2	65.5	74.6	83.9	90.6	93.9	96.6	97.6	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IN 400	20.2	65.5	74.6	83.9	90.9	94.3	97.1	98.1	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
IN 300	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.4	98.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4
IN 200	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.5	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	100.0
IN 100	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.5	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	100.0
IN 0	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.5	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

725306

COLUMBUS AFB MS

70, 73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	29.7	48.1	49.4	50.5	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	34.3	55.7	57.2	58.3	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	34.4	56.1	57.6	58.7	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	34.6	56.6	58.1	59.2	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000	34.9	57.2	58.7	59.8	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000	35.7	59.1	60.6	61.7	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	36.5	62.6	64.5	65.6	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 9000	36.6	62.8	64.7	65.8	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	37.3	65.7	67.6	68.8	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	37.8	67.0	69.0	70.2	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	38.0	67.5	69.6	70.8	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 5000	38.3	69.1	71.3	73.1	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	38.3	70.1	72.3	74.1	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	38.5	71.3	73.5	75.3	76.1	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	38.7	72.1	74.2	76.2	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	39.8	73.7	75.9	77.9	78.7	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500	40.5	75.4	77.8	79.7	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	41.2	78.9	81.4	83.4	84.4	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1800	41.4	79.9	82.5	84.6	85.5	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	42.3	83.5	86.3	88.5	89.4	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	42.6	86.2	89.1	91.4	92.4	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	43.3	87.8	90.7	93.1	94.3	94.6	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	43.4	88.2	91.3	93.6	94.8	95.1	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	43.5	88.5	91.5	93.9	95.1	95.5	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	43.6	89.2	92.3	94.7	96.0	96.3	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	43.7	89.8	93.2	95.8	97.2	97.8	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	43.7	89.8	93.3	95.9	97.5	98.3	98.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	43.7	89.8	93.5	96.1	97.7	98.5	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70, 73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.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	36.6	46.0	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	44.3	58.7	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 18000	45.7	59.8	60.3	60.6	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 16000	46.3	60.7	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 14000	46.9	61.8	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 12000	47.7	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	64.0	64.0
IV 10000	48.4	65.0	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 9000	48.4	65.0	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 8000	49.6	67.3	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 7000	50.3	68.6	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 6000	50.6	69.7	70.4	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 5000	51.3	72.2	73.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 4500	51.3	73.2	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 4000	52.9	77.3	79.1	79.6	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 3500	54.5	80.5	82.5	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 3000	56.0	84.4	86.5	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 2500	57.2	87.3	89.6	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
IV 2000	57.9	89.3	91.8	92.8	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1800	58.1	89.6	92.1	93.1	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1500	58.7	91.6	94.2	95.3	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1200	58.7	92.0	94.7	95.9	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	58.9	92.6	95.5	96.7	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5
IV 900	58.9	92.7	95.6	96.9	97.3	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7
IV 800	59.0	92.9	95.9	97.2	97.6	97.6	97.6	97.8	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2
IV 700	59.1	93.3	96.3	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8
IV 600	59.1	93.4	96.5	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1
IV 500	59.1	93.5	96.9	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.4	99.4	99.5	99.5	99.6	99.6
IV 400	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	100.0	100.0
IV 300	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	100.0	100.0
IV 200	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	100.0	100.0
IV 100	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	100.0	100.0
IV 0	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

AD-A113 713

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2-
COLUMBUS AFB, MISSISSIPPI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(1)
FEB 82

UNCLASSIFIED

USAFETAC/DS-82/015

SBI-AD-E850 15A

NL

3 1/2

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1/2

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	39.4	49.7	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	45.1	60.3	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 18000	45.7	60.8	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 16000	46.3	61.8	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 14000	47.0	63.4	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 12000	48.2	65.3	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 10000	50.6	69.9	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 9000	51.3	70.9	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 8000	51.9	73.2	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 7000	52.3	73.8	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 6000	52.5	74.5	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 5000	54.0	77.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 4500	54.2	79.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 4000	55.8	83.3	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 3500	56.2	85.1	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 3000	57.6	87.9	89.6	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 2500	58.4	90.6	92.5	93.1	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 2000	59.0	92.4	94.4	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800	59.1	92.6	94.6	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1500	59.5	93.6	95.6	96.6	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	60.0	94.4	96.3	97.4	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000	60.2	94.8	96.8	98.1	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	60.3	94.9	96.9	98.2	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	60.3	95.1	97.1	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	60.3	95.3	97.3	98.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	60.3	95.5	97.4	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	60.4	95.7	97.6	99.1	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	60.4	95.7	97.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	60.4	95.7	97.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	60.4	95.7	97.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	60.4	95.7	97.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	60.4	95.7	97.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

70, 73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	34.2	55.5	56.8	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	39.0	65.0	66.4	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 18000	39.3	65.3	66.7	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000	39.7	66.0	67.4	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 14000	40.8	68.3	69.8	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 12000	42.2	69.8	71.3	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 10000	44.0	75.1	76.6	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 9000	44.1	75.4	77.2	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 8000	45.0	78.7	80.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 7000	45.4	80.0	81.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 6000	46.1	80.8	82.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 5000	46.7	82.4	84.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 4500	47.1	83.8	85.8	86.8	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	47.8	85.5	87.6	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
IV 3500	48.4	87.0	89.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3000	48.5	88.3	90.5	92.0	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 2500	48.9	90.0	92.4	93.9	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 2000	49.1	91.0	93.4	95.1	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800	49.3	91.4	93.8	95.5	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1500	49.8	92.3	94.7	96.5	96.8	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	49.8	92.3	94.7	96.7	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000	49.9	92.5	95.1	97.4	97.8	97.8	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 900	49.9	92.7	95.5	97.8	98.3	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	49.9	92.8	95.7	98.2	98.7	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	49.9	92.8	95.7	98.2	98.7	98.7	98.9	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	49.9	92.8	95.7	98.2	98.7	98.7	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	49.9	92.8	95.7	98.2	98.7	98.7	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	49.9	92.8	95.7	98.3	98.9	98.9	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	49.9	92.8	95.7	98.3	98.9	98.9	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	49.9	92.8	95.7	98.3	98.9	98.9	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	49.9	92.8	95.7	98.3	98.9	98.9	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	49.9	92.8	95.7	98.3	98.9	98.9	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

920

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	27.3	58.7	62.2	63.8	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 20000	30.4	65.4	69.3	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
IV 18000	30.7	65.8	69.8	71.5	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1
IV 16000	31.6	66.9	70.9	72.5	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
IV 14000	32.1	68.3	72.3	74.0	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
IV 12000	33.3	70.3	74.3	75.9	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
IV 10000	34.7	74.5	78.5	80.2	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
IV 9000	34.7	75.1	79.1	80.7	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
IV 8000	35.0	76.7	81.0	82.8	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
IV 7000	35.3	77.2	81.8	83.9	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
IV 6000	35.5	77.6	82.1	84.2	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
IV 5000	35.7	78.3	82.9	85.0	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
IV 4500	35.7	79.6	84.3	86.4	87.0	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
IV 4000	36.3	80.8	85.6	87.8	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
IV 3500	36.4	81.6	86.4	88.6	89.3	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
IV 3000	36.7	83.4	88.3	90.5	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
IV 2500	36.7	84.5	89.7	92.2	92.9	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5
IV 2000	36.9	85.1	90.2	92.9	93.9	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
IV 1800	37.0	85.6	90.7	93.5	94.4	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
IV 1500	37.3	86.5	91.6	94.3	95.3	95.4	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
IV 1200	37.4	86.8	92.0	94.8	95.9	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
IV 1000	37.5	87.3	92.6	95.3	96.6	96.7	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
IV 900	37.6	87.6	92.9	95.6	96.9	97.1	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
IV 800	37.7	88.1	93.5	96.6	97.9	98.0	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
IV 700	37.7	88.3	93.7	96.8	98.1	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
IV 600	37.7	88.3	93.7	96.8	98.1	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
IV 500	37.7	88.3	93.8	96.9	98.4	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
IV 400	37.7	88.3	93.8	96.9	98.4	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
IV 300	37.7	88.3	93.8	96.9	98.4	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
IV 200	37.7	88.3	93.8	96.9	98.4	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
IV 100	37.7	88.3	93.8	96.9	98.4	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
IV 0	37.7	88.3	93.8	96.9	98.4	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233J6

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.8	47.2	49.8	51.9	53.0	53.5	53.9	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	29.8	55.1	58.0	60.3	61.5	62.0	62.5	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 18000	30.2	55.6	58.6	60.9	62.1	62.6	63.1	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7
IV 16000	30.6	56.3	59.3	61.6	62.8	63.4	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4
IV 14000	31.2	57.5	60.5	62.9	64.1	64.7	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
IV 12000	32.0	59.1	62.1	64.5	65.8	66.3	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4
IV 10000	33.2	62.7	66.0	68.4	69.7	70.3	70.8	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4
IV 9000	33.3	63.0	66.4	68.9	70.3	70.9	71.4	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0
IV 8000	33.9	65.5	69.0	71.7	73.2	73.8	74.3	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9
IV 7000	34.2	66.4	70.0	72.8	74.4	75.0	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1
IV 6000	34.5	67.0	70.7	73.6	75.1	75.8	76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9
IV 5000	35.0	68.6	72.6	75.6	77.3	77.9	78.4	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1
IV 4500	35.1	69.8	73.9	77.0	78.6	79.3	79.8	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4
IV 4000	35.7	71.7	76.1	79.3	81.1	81.8	82.4	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0
IV 3500	36.1	72.9	77.5	80.8	82.6	83.3	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
IV 3000	36.7	74.8	79.4	82.9	84.7	85.4	86.0	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6
IV 2500	37.2	76.5	81.3	84.8	86.6	87.4	88.0	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
IV 2000	37.6	78.0	82.9	86.7	88.6	89.4	90.0	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.8
IV 1800	37.7	78.4	83.3	87.1	89.1	89.9	90.6	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3
IV 1500	38.0	80.0	85.0	88.9	90.9	91.7	92.4	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2
IV 1200	38.2	80.8	85.9	90.0	92.1	92.9	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
IV 1000	38.5	81.8	87.0	91.2	93.5	94.3	95.1	95.5	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
IV 900	38.6	82.2	87.5	91.7	94.0	94.8	95.6	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4
IV 800	38.6	82.5	87.9	92.3	94.7	95.6	96.4	96.9	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3
IV 700	38.7	82.8	88.2	92.7	95.1	96.0	96.9	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.8	97.8
IV 600	38.7	83.0	88.6	93.2	95.8	96.7	97.6	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6
IV 500	38.7	83.2	88.8	93.5	96.2	97.2	98.0	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.2
IV 400	38.7	83.2	88.9	93.7	96.5	97.5	98.4	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6
IV 300	38.7	83.2	89.0	93.7	96.5	97.6	98.5	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.9
IV 200	38.7	83.2	89.0	93.7	96.5	97.6	98.5	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0
IV 100	38.7	83.2	89.0	93.7	96.5	97.6	98.5	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0
IV 0	38.7	83.2	89.0	93.7	96.5	97.6	98.5	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7380

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	16.1	60.1	65.4	69.6	72.6	72.8	73.4	73.8	73.8	73.9	73.9	77.9	73.9	73.9	73.9	73.9
≥ 20000	18.6	67.9	73.3	77.6	80.7	80.9	81.6	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.2
IV 18000	18.7	68.1	73.6	77.8	80.9	81.1	81.8	82.1	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4
IV 16000	18.7	68.1	73.6	77.8	80.9	81.1	81.8	82.1	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4
IV 14000	19.2	69.0	74.6	78.8	81.9	82.1	82.8	83.1	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4
IV 12000	19.8	70.3	76.0	80.2	83.3	83.6	84.2	84.6	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9
IV 10000	20.3	73.0	78.8	83.0	86.1	86.3	87.0	87.3	87.3	87.4	87.6	87.6	87.7	87.7	87.7	87.7
IV 9000	20.4	73.1	78.9	83.1	86.2	86.4	87.1	87.4	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8
IV 8000	20.4	74.8	81.0	85.2	88.3	88.6	89.2	89.6	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9
IV 7000	20.6	75.6	81.8	86.1	89.2	89.4	90.1	90.4	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.8
IV 6000	20.6	76.2	82.4	86.8	89.9	90.1	90.8	91.1	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.4
IV 5000	20.9	77.2	83.6	88.2	91.3	91.6	92.2	92.6	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9
IV 4500	20.9	77.8	84.2	89.1	92.2	92.4	93.1	93.4	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8
IV 4000	21.1	79.9	85.4	90.3	93.7	93.9	94.6	94.9	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2
IV 3500	21.2	79.2	85.9	91.2	94.6	94.8	95.4	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1
IV 3000	21.2	79.6	86.3	91.7	95.0	95.2	95.9	96.3	96.3	96.4	96.6	96.6	96.7	96.7	96.7	96.7
IV 2500	21.2	80.2	87.0	92.3	95.7	95.9	96.6	97.0	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3
IV 2000	21.3	80.6	87.3	92.7	96.0	96.2	96.9	97.3	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7
IV 1800	21.3	80.6	87.4	92.8	96.1	96.3	97.0	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8
IV 1500	21.4	80.9	88.0	93.3	96.7	96.9	97.6	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3
IV 1200	21.4	81.0	88.2	93.7	97.0	97.2	97.9	98.3	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7
IV 1000	21.4	81.0	88.3	93.8	97.1	97.3	98.0	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8
IV 900	21.4	81.0	88.3	93.8	97.1	97.3	98.0	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8
IV 800	21.6	81.6	88.9	94.3	97.7	97.9	98.6	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
IV 700	21.6	81.6	88.9	94.3	97.7	97.9	98.6	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
IV 600	21.6	81.6	89.1	94.6	97.9	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6
IV 500	21.6	81.6	89.1	94.6	97.9	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.7	99.7
IV 400	21.6	81.6	89.1	94.6	97.9	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.7	99.7
IV 300	21.6	81.6	89.1	94.6	97.9	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.7	99.7
IV 200	21.6	81.6	89.1	94.6	97.9	98.1	98.9	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0
IV 100	21.6	81.6	89.1	94.6	97.9	98.1	98.9	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0
IV 0	21.6	81.6	89.1	94.6	97.9	98.1	98.9	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 A14 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

HOURL (L.S.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	6.1	39.2	46.6	51.9	58.4	60.0	62.6	64.3	64.9	65.1	65.1	65.2	65.3	65.3	65.6	65.7
≥ 20000	7.7	45.1	53.2	59.2	66.2	67.9	71.2	73.0	73.8	74.1	74.1	74.2	74.3	74.3	74.6	74.7
IV 18000	7.7	45.2	53.3	59.3	66.3	68.0	71.3	73.1	73.9	74.2	74.2	74.3	74.6	74.6	74.8	74.9
IV 16000	7.9	45.6	53.7	59.7	66.7	68.3	71.8	73.6	74.3	74.7	74.7	74.8	75.0	75.0	75.2	75.3
IV 14000	8.2	46.4	54.7	60.8	67.8	69.4	73.0	74.8	75.6	75.9	75.9	76.0	76.2	76.2	76.4	76.6
IV 12000	8.3	47.3	55.7	62.0	69.0	70.8	74.4	76.3	77.1	77.4	77.4	77.6	77.8	77.8	78.0	78.1
IV 10000	9.0	50.3	59.2	65.6	72.6	74.3	78.1	80.1	80.9	81.2	81.2	81.3	81.6	81.6	81.8	81.9
IV 9000	9.1	50.9	59.8	66.1	73.1	74.9	78.7	80.7	81.6	81.9	81.9	82.0	82.2	82.2	82.4	82.6
IV 8000	9.1	52.9	62.2	68.8	76.1	78.0	81.8	84.0	84.9	85.3	85.3	85.4	85.7	85.8	86.0	86.1
IV 7000	9.1	53.7	63.2	70.0	77.6	79.4	83.2	85.6	86.4	86.9	86.9	87.0	87.2	87.3	87.6	87.7
IV 6000	9.1	53.8	63.3	70.3	77.9	79.8	83.6	85.9	86.8	87.2	87.2	87.3	87.6	87.7	87.9	88.0
IV 5000	9.1	54.4	64.0	71.0	78.8	80.7	84.6	86.9	87.9	88.3	88.3	88.4	88.7	88.8	89.1	89.2
IV 4500	9.2	54.8	64.3	71.4	79.2	81.1	85.0	87.3	88.3	88.8	88.8	88.9	89.1	89.2	89.6	89.7
IV 4000	9.2	55.9	65.7	73.0	80.8	82.7	86.7	89.0	90.0	90.4	90.4	90.6	90.8	90.9	91.2	91.3
IV 3500	9.2	56.2	66.2	73.6	81.3	83.2	87.2	89.6	90.6	91.0	91.0	91.1	91.3	91.4	91.8	91.9
IV 3000	9.4	56.8	66.8	74.2	82.0	83.9	87.9	90.2	91.2	91.7	91.7	91.8	92.0	92.1	92.4	92.6
IV 2500	9.4	57.6	67.9	75.3	83.1	85.0	89.0	91.3	92.3	92.8	92.8	92.9	93.1	93.2	93.6	93.7
IV 2000	9.4	57.7	68.1	75.6	83.3	85.2	89.2	91.7	92.7	93.1	93.1	93.2	93.4	93.6	93.9	94.0
IV 1800	9.7	58.0	68.4	75.9	83.7	85.6	89.6	92.0	93.0	93.4	93.4	93.6	93.8	93.9	94.2	94.3
IV 1500	9.7	58.8	69.4	77.0	84.9	86.8	90.8	93.2	94.2	94.7	94.7	94.8	95.0	95.1	95.4	95.6
IV 1200	9.7	58.9	69.8	77.3	85.2	87.1	91.1	93.6	94.6	95.0	95.0	95.1	95.3	95.4	95.8	95.9
IV 1000	9.7	59.3	70.3	77.9	85.8	87.7	91.7	94.1	95.1	95.6	95.6	95.7	95.9	96.0	96.3	96.4
IV 900	9.7	59.4	70.7	78.2	86.1	88.0	92.0	94.4	95.4	95.9	95.9	96.0	96.2	96.3	96.7	96.8
IV 800	9.7	59.4	70.8	78.3	86.2	88.1	92.1	94.6	95.6	96.0	96.0	96.1	96.3	96.4	96.8	96.9
IV 700	9.7	59.8	71.1	78.7	86.6	88.4	92.4	94.9	95.9	96.3	96.3	96.4	96.7	96.8	97.1	97.2
IV 600	9.7	60.0	71.6	79.4	87.3	89.2	93.2	95.7	96.7	97.1	97.1	97.2	97.4	97.6	97.9	98.0
IV 500	9.7	60.3	71.9	79.9	87.8	89.7	93.7	96.1	97.1	97.6	97.7	97.8	98.0	98.1	98.4	98.7
IV 400	9.7	60.3	71.9	79.9	87.9	89.8	93.8	96.2	97.2	97.7	97.8	97.9	98.1	98.2	98.6	98.8
IV 300	9.7	60.3	71.9	79.9	87.9	89.8	93.8	96.2	97.2	97.7	97.8	97.9	98.2	98.3	98.7	98.9
IV 200	9.7	60.3	71.9	79.9	87.9	89.8	93.8	96.2	97.3	97.9	98.2	98.3	98.7	98.8	99.1	99.4
IV 100	9.7	60.3	71.9	79.9	87.9	89.8	93.8	96.2	97.3	97.9	98.2	98.4	98.9	99.1	99.6	99.9
IV 0	9.7	60.3	71.9	79.9	87.9	89.8	93.8	96.2	97.3	97.9	98.2	98.4	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	12.6	40.9	46.2	51.8	55.6	57.7	58.9	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 20000	13.8	45.2	51.8	57.9	62.0	64.7	66.0	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	13.8	45.3	51.9	58.0	62.1	64.8	66.1	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0
≥ 16000	14.1	45.7	52.3	58.4	62.7	65.4	66.8	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
≥ 14000	14.7	46.9	53.7	59.8	64.0	66.8	68.1	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
≥ 12000	14.9	48.3	55.1	61.2	65.7	68.4	69.8	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7
≥ 10000	15.3	50.6	57.4	63.6	68.0	70.9	72.3	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3
≥ 9000	15.6	51.1	58.0	64.1	68.6	71.4	72.9	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9
≥ 8000	15.7	52.7	59.6	66.1	71.0	73.9	75.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4
≥ 7000	16.1	54.4	61.3	68.0	72.9	75.8	77.2	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3
≥ 6000	16.1	55.2	62.2	69.1	74.1	77.0	78.4	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.6
≥ 5000	16.2	55.8	63.0	69.9	75.1	78.2	79.7	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8
≥ 4500	16.4	56.3	63.6	70.4	75.7	78.9	80.3	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.6	82.6
≥ 4000	16.6	57.4	64.9	72.1	77.4	80.7	82.1	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3
≥ 3500	16.6	57.8	65.3	72.7	78.1	81.3	82.8	84.4	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0
≥ 3000	16.8	59.3	67.2	74.6	80.1	83.4	85.0	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2
≥ 2500	16.9	59.9	67.9	75.2	80.8	84.1	85.8	87.4	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0
≥ 2000	17.1	60.6	68.6	76.0	81.6	84.9	86.7	88.3	88.7	88.8	88.8	88.8	88.8	88.9	89.0	89.0
≥ 1800	17.2	61.1	69.1	76.6	82.1	85.4	87.2	88.9	89.2	89.3	89.3	89.3	89.3	89.4	89.6	89.6
≥ 1500	17.3	62.4	70.4	77.9	83.7	87.0	88.8	90.4	90.8	90.9	90.9	90.9	91.0	91.0	91.1	91.1
≥ 1200	17.4	63.3	71.7	79.1	84.9	88.2	90.0	91.7	92.0	92.1	92.1	92.1	92.2	92.2	92.3	92.3
≥ 1000	17.8	64.7	73.2	80.7	86.6	89.9	91.7	93.3	93.7	93.8	93.8	93.8	93.9	93.9	94.0	94.0
≥ 900	17.9	65.4	74.0	81.4	87.3	90.7	92.4	94.1	94.4	94.6	94.6	94.6	94.7	94.7	94.8	94.8
≥ 800	18.3	66.2	75.0	82.6	88.4	91.8	93.6	95.2	95.6	95.7	95.7	95.7	95.8	95.8	95.9	95.9
≥ 700	18.3	66.6	75.6	83.1	89.0	92.3	94.1	95.8	96.1	96.2	96.2	96.2	96.3	96.3	96.4	96.4
≥ 600	18.3	66.9	76.0	83.6	89.4	92.8	94.7	96.3	96.7	96.8	96.8	96.8	97.0	97.0	97.1	97.1
≥ 500	18.3	67.4	76.6	84.1	90.1	93.4	95.3	97.0	97.3	97.4	97.4	97.4	97.7	97.7	97.9	97.9
≥ 400	18.3	67.6	76.7	84.2	90.3	93.7	95.8	97.7	98.0	98.1	98.1	98.1	98.3	98.3	98.6	98.6
≥ 300	18.3	67.6	76.7	84.2	90.3	93.7	95.8	98.0	98.4	98.6	98.6	98.6	98.9	98.9	99.1	99.1
≥ 200	18.3	67.6	76.7	84.2	90.3	93.7	95.8	98.1	98.6	98.7	98.8	98.8	99.3	99.4	99.7	99.7
≥ 100	18.3	67.6	76.7	84.2	90.3	93.7	95.8	98.1	98.6	98.7	98.8	98.9	99.4	99.6	99.9	100.0
≥ 0	18.3	67.6	76.7	84.2	90.3	93.7	95.8	98.1	98.6	98.7	98.8	98.9	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723336

COLUMBUS AFB MS

70, 73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	26.4	52.3	54.3	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	31.2	60.6	62.8	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	31.6	61.0	63.2	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 18000	32.3	61.6	63.8	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	32.6	62.9	65.4	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 12000	32.9	64.0	66.7	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000	33.6	66.8	69.4	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 9000	33.7	67.2	69.9	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
≥ 8000	34.4	68.6	71.7	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 7000	34.9	69.7	72.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	35.1	70.0	73.1	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 5000	35.8	72.3	75.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	35.9	72.8	75.9	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 4000	36.7	75.6	78.7	81.0	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	37.8	77.4	80.6	82.9	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 3000	38.7	79.8	82.9	85.3	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	38.9	81.0	84.1	86.6	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2000	40.1	84.4	87.6	90.0	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	40.2	85.3	88.4	90.9	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1500	41.1	87.4	90.7	93.1	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	41.6	89.1	92.3	94.9	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000	41.7	89.9	93.2	95.9	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	41.8	90.2	93.6	96.2	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	41.9	90.7	94.1	96.8	98.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	41.9	90.9	94.4	97.2	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	41.9	91.0	94.6	97.3	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	41.9	91.0	94.6	97.3	98.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	41.9	91.0	94.6	97.3	98.9	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	41.9	91.0	94.6	97.3	98.9	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	41.9	91.0	94.6	97.3	98.9	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	41.9	91.0	94.6	97.3	98.9	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	41.9	91.0	94.6	97.3	98.9	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7253 06

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	33.9	54.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	42.3	66.6	67.6	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	42.3	67.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	43.3	68.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	43.9	69.1	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	44.8	70.7	71.9	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
≥ 10000	46.1	73.2	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	46.7	74.1	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	48.3	76.6	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	48.9	77.6	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
≥ 6000	49.2	78.2	79.4	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
≥ 5000	49.9	80.6	81.8	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	50.1	81.6	82.8	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	51.4	85.9	87.3	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	52.6	88.2	89.7	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	54.2	92.0	93.6	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥ 2500	54.7	94.0	95.7	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 2000	55.3	95.0	96.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1800	55.6	95.4	97.2	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1500	55.8	96.2	98.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1200	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72336

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	36.3	60.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	46.3	75.3	76.6	76.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 18000	46.7	75.7	76.9	77.0	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 16000	47.2	76.4	77.7	77.8	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 14000	48.7	78.8	80.0	80.1	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 12000	50.0	81.0	82.2	82.3	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 10000	51.9	84.3	85.6	85.7	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 9000	52.0	84.7	85.9	86.0	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 8000	52.9	86.1	87.3	87.4	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 7000	53.2	86.8	88.0	88.1	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 6000	53.3	87.0	88.2	88.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 5000	54.1	88.6	89.8	89.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 4500	54.6	89.6	90.8	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 4000	55.1	91.0	92.2	92.4	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 3500	56.1	92.8	94.2	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 3000	57.1	94.8	96.3	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2500	57.4	96.3	98.0	98.3	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2000	57.7	96.8	98.7	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1800	57.7	96.8	98.7	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	57.7	96.8	98.7	99.0	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723316

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2300
 HOURS (L.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	32.7	61.9	63.1	63.7	63.7	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 2000	40.8	76.7	78.0	78.7	79.0	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 18000	41.2	77.2	78.6	79.2	79.6	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 16000	41.2	77.4	78.9	79.6	79.9	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 14000	42.2	79.0	80.4	81.1	81.4	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 12000	42.9	80.0	81.4	82.1	82.4	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 10000	45.0	83.8	85.2	85.9	86.2	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 9000	45.0	83.8	85.2	85.9	86.2	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 8000	46.1	86.3	88.2	89.0	89.3	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 7000	46.2	86.7	88.6	89.3	89.7	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 6000	46.6	87.1	89.0	89.8	90.1	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 5000	47.1	88.0	90.0	90.8	91.1	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 4500	47.4	88.8	90.8	91.7	92.1	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 4000	48.4	90.8	92.8	93.7	94.1	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 3500	48.9	91.7	93.7	94.6	95.0	95.1	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 3000	49.2	93.6	95.9	97.0	97.6	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2500	49.3	94.1	96.4	97.6	98.2	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2000	49.6	94.4	96.8	97.9	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1800	49.7	94.6	96.9	98.0	98.7	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1500	49.8	94.7	97.0	98.1	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	49.8	94.7	97.0	98.1	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	49.9	94.8	97.1	98.2	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	49.9	94.8	97.1	98.2	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	49.9	94.8	97.1	98.2	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	49.9	94.8	97.1	98.2	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	49.9	94.8	97.1	98.2	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	49.9	94.9	97.2	98.3	99.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	49.9	94.9	97.2	98.3	99.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	49.9	94.9	97.2	98.3	99.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	49.9	94.9	97.2	98.3	99.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	49.9	94.9	97.2	98.3	99.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	49.9	94.9	97.2	98.3	99.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 WAFB ETAC
 AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7236 COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	27.6	67.9	71.3	70.6	71.3	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2000	30.7	76.6	79.4	80.3	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7
≥ 1800	31.1	76.9	79.8	80.7	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0
≥ 1600	31.1	77.0	80.0	80.9	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 1400	31.7	77.7	80.7	81.6	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9
≥ 1200	32.2	78.6	81.6	82.4	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8
≥ 1000	33.1	81.6	84.6	85.4	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8
≥ 800	33.4	83.3	86.6	87.9	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3
≥ 700	33.7	84.3	87.6	88.9	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3
≥ 600	33.9	85.3	88.6	89.9	91.0	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
≥ 500	34.2	86.3	89.9	91.2	92.3	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
≥ 450	34.3	87.7	91.3	92.7	93.8	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 400	35.3	89.1	92.8	94.4	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6
≥ 350	35.1	89.4	93.1	95.0	96.4	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 300	35.2	90.2	94.0	95.9	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 250	35.2	90.4	94.2	96.1	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥ 200	35.3	91.1	94.9	96.8	98.2	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 1800	35.3	91.1	94.9	96.8	98.2	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 1500	35.3	91.1	95.2	97.1	98.6	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6
≥ 1200	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 1000	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 900	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 800	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 700	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 600	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 500	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 400	35.3	91.3	95.6	97.4	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 300	35.3	91.3	95.6	97.4	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200	35.3	91.3	95.6	97.4	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	35.3	91.3	95.6	97.4	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	35.3	91.3	95.6	97.4	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 16

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.0	54.6	57.8	60.1	61.8	62.4	63.0	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 20000	28.9	64.2	67.8	70.4	72.3	73.0	73.7	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 18000	29.1	64.6	68.2	70.7	72.7	73.3	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8
≥ 16000	29.4	65.0	68.6	71.1	73.1	73.8	74.5	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3
≥ 14000	30.1	66.2	70.0	72.5	74.5	75.2	75.9	76.4	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7
≥ 12000	30.7	67.5	71.3	73.9	75.9	76.6	77.4	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.2	78.2
≥ 10000	31.8	70.4	74.3	76.9	78.9	79.6	80.4	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.3
≥ 9000	31.7	70.8	74.7	77.3	79.3	80.0	80.8	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.7
≥ 8000	32.5	72.7	76.8	79.6	81.7	82.4	83.2	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 7000	32.9	73.6	77.8	80.6	82.7	83.5	84.3	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.2	85.2
≥ 6000	33.0	74.1	78.3	81.2	83.4	84.1	84.9	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8
≥ 5000	33.4	75.4	79.7	82.6	84.9	85.7	86.5	87.0	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4
≥ 4500	33.7	76.2	80.5	83.4	85.8	86.5	87.3	87.9	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3
≥ 4000	34.2	78.1	82.5	85.6	88.1	88.9	89.7	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.7	90.7
≥ 3500	34.7	79.1	83.6	86.9	89.3	90.1	90.9	91.5	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 3000	35.2	80.8	85.4	88.7	91.3	92.0	92.9	93.5	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 2500	35.4	81.7	86.4	89.8	92.3	93.1	94.0	94.6	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 2000	35.7	82.6	87.3	90.7	93.2	94.0	94.9	95.6	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0
≥ 1800	35.8	82.9	87.6	91.0	93.6	94.3	95.2	95.9	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1500	36.0	83.5	88.4	91.8	94.4	95.2	96.1	96.8	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.3
≥ 1200	36.1	84.0	89.0	92.4	95.0	95.8	96.7	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8
≥ 1000	36.2	84.3	89.4	92.8	95.4	96.3	97.2	97.8	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3
≥ 900	36.2	84.5	89.5	93.0	95.6	96.5	97.4	98.1	98.2	98.3	98.3	98.4	98.4	98.5	98.5	98.5
≥ 800	36.3	84.7	89.8	93.3	95.9	96.8	97.7	98.3	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 700	36.3	84.8	90.0	93.4	96.1	96.9	97.9	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0
≥ 600	36.3	84.9	90.1	93.6	96.3	97.1	98.1	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.3
≥ 500	36.3	85.0	90.3	93.8	96.5	97.3	98.3	98.9	99.1	99.2	99.3	99.3	99.4	99.4	99.5	99.5
≥ 400	36.3	85.1	90.3	93.8	96.5	97.4	98.4	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.6
≥ 300	36.3	85.1	90.3	93.8	96.5	97.4	98.4	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7
≥ 200	36.3	85.1	90.3	93.8	96.5	97.4	98.4	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9
≥ 100	36.3	85.1	90.3	93.8	96.5	97.4	98.4	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.9	100.0
≥ 0	36.3	85.1	90.3	93.8	96.5	97.4	98.4	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

723336

COLUMBUS AFB MS

70, 73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	6.3	57.4	65.5	70.1	72.8	73.2	73.5	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000	7.7	63.3	72.9	77.8	80.8	81.4	81.9	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 18000	8.2	63.8	73.4	78.4	81.3	81.9	82.5	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 16000	8.3	64.3	74.0	79.0	81.9	82.6	83.1	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 14000	8.8	65.3	74.9	80.0	83.1	83.9	84.4	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 12000	9.0	65.9	75.8	81.2	84.4	85.4	85.9	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 10000	9.4	68.2	78.4	84.1	87.6	88.6	89.1	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 9000	9.8	69.1	79.4	85.1	88.6	89.6	90.1	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 8000	10.0	70.4	80.8	86.5	90.0	91.0	91.5	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 7000	10.0	70.9	81.2	86.9	90.4	91.4	91.9	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 6000	10.0	70.9	81.2	86.9	90.4	91.4	91.9	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 5000	10.0	71.0	81.3	87.0	90.5	91.5	92.2	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 4500	10.2	71.5	81.8	87.6	91.2	92.2	92.8	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 4000	10.2	71.9	82.3	88.1	91.6	92.6	93.2	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 3500	10.2	71.9	82.4	88.2	91.7	92.7	93.3	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 3000	10.5	72.8	83.3	89.1	92.7	93.7	94.3	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2500	10.6	73.1	83.9	89.7	93.2	94.2	94.8	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2000	10.6	73.3	84.2	90.0	93.5	94.5	95.2	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1800	10.6	73.3	84.3	90.2	93.9	94.8	95.5	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1500	10.6	74.0	85.1	91.0	94.6	95.6	96.2	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1200	10.6	74.2	85.3	91.2	94.9	95.9	96.6	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1000	10.8	74.7	85.8	91.7	95.5	96.5	97.1	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	10.8	74.7	85.8	91.7	95.5	96.5	97.1	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	10.8	74.8	85.9	91.8	95.9	96.9	97.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 700	10.8	74.8	85.9	91.9	96.1	97.1	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	10.8	74.9	86.1	92.3	96.5	97.4	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	10.8	75.2	86.5	92.6	96.8	97.7	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	10.8	75.4	86.7	92.8	97.2	98.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	10.8	75.4	86.7	92.9	97.3	98.3	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	10.8	75.4	86.7	92.9	97.3	98.3	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	10.8	75.4	86.7	92.9	97.3	98.3	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	10.8	75.4	86.7	92.9	97.3	98.3	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723356

COLUMBUS AFB MS

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	1.7	31.6	43.5	51.7	58.2	60.8	64.7	66.2	67.0	67.2	67.4	67.4	67.4	67.4	67.6	67.6
≥ 20000	2.3	34.7	48.2	56.8	63.8	66.6	71.0	72.5	73.2	73.4	73.8	73.8	73.8	73.8	74.0	74.0
≥ 18000	2.7	35.3	48.7	57.3	64.4	67.2	71.7	73.2	74.1	74.3	74.6	74.6	74.6	74.6	74.8	74.8
IV 16000	2.9	36.1	49.7	58.3	65.4	68.2	72.7	74.2	75.1	75.3	75.6	75.6	75.6	75.6	75.8	75.8
IV 14000	2.9	36.7	50.3	59.0	66.3	69.1	73.7	75.2	76.0	76.2	76.6	76.6	76.6	76.6	76.8	76.8
IV 12000	3.1	37.7	51.5	61.0	68.6	71.4	75.9	77.4	78.4	78.6	78.9	78.9	78.9	78.9	79.1	79.1
IV 10000	3.3	40.4	54.7	64.5	72.8	75.7	80.3	81.9	83.0	83.2	83.5	83.5	83.5	83.5	83.8	83.8
IV 9000	3.3	40.8	55.1	64.9	73.3	76.2	80.9	82.5	83.5	83.8	84.1	84.1	84.1	84.1	84.3	84.3
IV 8000	3.4	41.9	56.5	66.5	74.8	77.8	82.6	84.3	85.4	85.6	85.9	85.9	85.9	85.9	86.1	86.1
IV 7000	3.7	42.5	57.0	67.0	75.6	78.6	83.3	85.1	86.1	86.3	86.7	86.7	86.7	86.7	86.9	86.9
IV 6000	3.7	42.6	57.2	67.2	75.8	78.8	83.5	85.3	86.3	86.6	87.0	87.0	87.0	87.0	87.2	87.2
IV 5000	3.7	42.7	57.3	67.4	76.0	79.1	83.9	85.7	86.8	87.0	87.4	87.4	87.4	87.4	87.6	87.6
IV 4500	3.7	43.1	57.7	68.1	76.8	79.9	84.6	86.5	87.5	87.7	88.2	88.2	88.2	88.2	88.4	88.4
IV 4000	3.7	43.7	58.4	68.8	77.5	80.6	85.4	87.2	88.3	88.5	88.9	88.9	88.9	88.9	89.1	89.1
IV 3500	3.7	43.9	58.6	69.2	78.0	81.1	85.8	87.6	88.7	88.9	89.4	89.4	89.4	89.4	89.6	89.6
IV 3000	3.8	44.3	59.2	70.0	78.7	81.9	86.7	88.5	89.6	89.8	90.2	90.2	90.2	90.2	90.4	90.4
IV 2500	3.8	44.3	59.2	70.0	78.7	81.9	86.7	88.5	89.6	89.8	90.2	90.2	90.2	90.2	90.4	90.4
IV 2000	3.8	44.8	59.8	70.5	79.2	82.5	87.2	89.0	90.1	90.3	90.8	90.8	90.8	90.8	91.0	91.0
IV 1800	3.8	44.9	59.9	70.6	79.4	82.6	87.3	89.1	90.2	90.4	90.9	90.9	90.9	90.9	91.1	91.1
IV 1500	3.8	45.3	60.3	71.1	79.8	83.0	87.8	89.7	90.8	91.0	91.4	91.4	91.4	91.4	91.6	91.6
IV 1200	3.8	46.0	61.1	71.8	80.5	83.8	88.7	90.5	91.6	91.8	92.3	92.3	92.3	92.3	92.5	92.5
IV 1000	3.8	46.7	61.8	72.7	81.4	84.6	89.6	91.4	92.5	92.7	93.1	93.1	93.1	93.1	93.3	93.3
IV 900	3.9	47.1	62.4	73.3	82.0	85.3	90.3	92.2	93.2	93.4	93.9	93.9	93.9	93.9	94.1	94.1
IV 800	4.0	47.3	62.7	73.7	82.4	85.8	91.1	92.9	94.0	94.2	94.6	94.6	94.6	94.6	94.8	94.8
IV 700	4.0	47.5	63.0	74.1	83.1	86.6	91.8	93.7	94.7	94.9	95.4	95.4	95.4	95.4	95.6	95.6
IV 600	4.0	47.5	63.0	74.2	83.4	87.2	92.5	94.3	95.4	95.6	96.0	96.0	96.0	96.0	96.2	96.2
IV 500	4.0	47.7	63.4	74.7	84.1	88.0	93.4	95.3	96.5	96.7	97.1	97.1	97.1	97.1	97.3	97.3
IV 400	4.0	48.1	63.9	75.4	84.8	88.9	94.6	96.5	97.6	97.8	98.3	98.3	98.3	98.3	98.5	98.5
IV 300	4.0	48.1	63.9	75.4	84.9	89.4	95.1	96.9	98.1	98.3	98.7	98.7	98.7	98.7	99.0	99.0
IV 200	4.0	48.1	63.9	75.4	84.9	89.4	95.1	97.2	98.5	98.7	99.2	99.2	99.2	99.2	99.4	99.4
IV 100	4.0	48.1	63.9	75.4	84.9	89.4	95.1	97.2	98.5	98.7	99.4	99.4	99.4	99.4	99.5	99.5
IV 0	4.0	48.1	63.9	75.4	84.9	89.4	95.1	97.2	98.5	98.7	99.4	99.4	99.4	99.4	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6

COLUMBUS AFB MS

70, 73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥3/16	¼	≥0
NO CEILING	5.4	30.8	38.6	45.5	52.5	54.6	57.1	58.9	59.2	59.7	59.9	59.9	59.9	59.9	60.0	60.0
≥ 20000	6.0	34.6	43.2	50.9	58.3	60.8	63.5	65.5	65.9	66.3	66.6	66.6	66.6	66.6	66.7	66.7
≥ 18000	6.2	35.2	43.8	51.4	58.8	61.3	64.1	66.0	66.6	67.0	67.2	67.2	67.2	67.2	67.3	67.3
≥ 16000	6.2	35.4	44.1	51.7	59.1	61.6	64.4	66.3	66.9	67.3	67.5	67.5	67.5	67.5	67.6	67.6
≥ 14000	6.5	36.6	45.5	53.7	61.1	63.7	66.5	68.4	68.9	69.4	69.6	69.6	69.6	69.6	69.7	69.7
≥ 12000	6.9	38.6	47.8	56.3	64.1	66.7	69.5	71.6	72.2	72.6	72.8	72.8	72.8	72.8	72.9	72.9
≥ 10000	7.4	41.4	51.4	60.3	68.5	71.2	74.6	76.9	77.4	77.8	78.1	78.1	78.1	78.1	78.2	78.2
≥ 9000	7.4	41.5	51.8	60.8	69.0	71.7	75.2	77.4	78.0	78.4	78.6	78.6	78.6	78.6	78.7	78.7
≥ 8000	7.4	43.3	54.1	63.3	71.6	74.4	78.1	80.3	80.9	81.3	81.5	81.5	81.5	81.5	81.6	81.6
≥ 7000	7.4	44.1	54.9	64.4	72.9	75.7	79.4	81.6	82.2	82.6	82.8	82.8	82.8	82.8	82.9	82.9
≥ 6000	7.4	44.5	55.4	64.8	73.3	76.1	79.8	82.2	82.7	83.1	83.3	83.3	83.3	83.3	83.4	83.4
≥ 5000	7.5	44.8	55.9	65.4	74.0	76.9	80.6	83.1	83.7	84.1	84.3	84.3	84.3	84.3	84.4	84.4
≥ 4500	7.5	45.2	56.2	65.7	74.3	77.2	81.1	83.5	84.1	84.5	84.7	84.7	84.7	84.7	84.8	84.8
≥ 4000	7.6	45.5	56.9	66.5	75.2	78.1	81.9	84.5	85.1	85.5	85.7	85.7	85.7	85.7	85.8	85.8
≥ 3500	7.6	45.6	57.1	66.7	75.4	78.3	82.2	84.7	85.3	85.7	85.9	85.9	85.9	85.9	86.0	86.0
≥ 3000	7.6	45.7	57.2	66.9	75.6	78.5	82.5	85.1	85.6	86.0	86.2	86.2	86.2	86.2	86.3	86.3
≥ 2500	7.6	45.8	57.3	67.0	75.7	78.6	82.6	85.2	85.7	86.1	86.3	86.3	86.3	86.3	86.5	86.5
≥ 2000	7.6	45.9	57.4	67.1	75.8	78.7	82.7	85.3	85.8	86.2	86.5	86.5	86.5	86.5	86.6	86.6
≥ 1800	7.6	46.1	57.6	67.3	76.0	78.9	82.9	85.5	86.0	86.5	86.7	86.7	86.7	86.7	86.8	86.8
≥ 1500	7.6	47.0	58.9	68.6	77.4	80.4	84.4	87.0	87.5	88.0	88.2	88.2	88.2	88.2	88.3	88.3
≥ 1200	7.7	48.0	60.0	69.8	78.8	81.8	85.8	88.4	88.9	89.4	89.6	89.6	89.6	89.6	89.7	89.7
≥ 1000	7.7	48.8	61.0	70.9	79.9	82.9	86.9	89.5	90.0	90.4	90.6	90.6	90.6	90.6	90.8	90.8
≥ 900	7.7	49.0	61.2	71.3	80.3	83.4	87.6	90.2	90.8	91.2	91.4	91.4	91.4	91.4	91.5	91.5
≥ 800	7.8	49.8	62.0	72.2	81.3	84.6	88.8	91.4	91.9	92.4	92.6	92.6	92.6	92.6	92.7	92.7
≥ 700	8.0	50.4	62.9	73.1	82.5	85.8	90.1	92.7	93.2	93.7	93.9	93.9	93.9	93.9	94.0	94.0
≥ 600	8.0	50.6	63.4	73.9	83.7	87.1	91.5	94.1	94.6	95.1	95.3	95.3	95.3	95.3	95.4	95.4
≥ 500	8.0	50.6	63.8	74.3	84.1	87.7	92.4	95.2	95.8	96.2	96.5	96.5	96.5	96.5	96.6	96.6
≥ 400	8.0	50.6	63.8	74.6	84.8	88.7	93.3	96.3	97.0	97.4	97.6	97.7	97.7	97.7	97.8	97.8
≥ 300	8.0	50.6	63.8	74.7	85.1	89.1	94.3	97.5	98.2	98.6	98.9	99.0	99.0	99.0	99.1	99.1
≥ 200	8.0	50.6	63.8	74.7	85.1	89.4	94.5	97.8	98.5	99.0	99.6	99.8	99.8	99.8	99.9	99.9
≥ 100	8.0	50.6	63.8	74.7	85.1	89.4	94.5	97.8	98.5	99.0	99.6	99.9	99.9	99.9	100.0	100.0
≥ 0	8.0	50.6	63.8	74.7	85.1	89.4	94.5	97.8	98.5	99.0	99.6	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 7233-6 JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

HOUS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	19.7	55.5	59.2	61.1	61.9	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 20000	23.8	62.6	66.5	68.4	69.4	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 18000	24.2	63.1	67.1	69.0	70.0	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 16000	24.3	63.3	67.4	69.4	70.3	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 14000	24.8	64.5	68.6	70.5	71.7	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 12000	25.7	66.6	70.6	72.7	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 10000	26.6	68.8	72.9	74.9	76.2	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 9000	26.6	69.2	73.3	75.4	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 8000	26.8	69.9	74.0	76.0	77.4	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 7000	26.8	70.0	74.1	76.1	77.6	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 6000	26.9	70.1	74.2	76.2	77.7	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 5000	26.9	70.3	74.5	76.6	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 4500	26.9	70.3	74.6	76.7	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 4000	27.7	72.6	77.0	79.0	80.6	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 3500	28.2	73.7	78.1	80.1	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 3000	29.0	76.0	80.5	82.7	84.3	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 2500	29.8	77.4	82.0	84.2	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2000	30.1	79.1	83.8	85.9	87.6	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1800	30.4	80.6	85.3	87.4	89.1	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1500	30.9	83.1	87.8	90.1	91.8	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1200	31.2	85.1	90.1	92.5	94.3	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1000	31.3	86.5	91.7	94.1	95.9	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 900	31.3	87.2	92.7	95.2	97.0	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	31.4	87.7	93.3	95.9	97.8	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	31.5	87.8	93.4	96.0	98.2	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	31.5	87.8	93.7	96.2	98.5	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	31.5	88.0	93.8	96.5	98.7	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	31.5	88.0	93.8	96.5	98.7	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	31.5	88.0	93.8	96.5	98.7	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	31.5	88.0	93.8	96.5	98.7	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	31.5	88.0	93.8	96.5	98.7	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	31.5	88.0	93.8	96.5	98.7	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	22.9	53.3	54.4	54.6	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 2000	29.6	63.9	65.1	65.3	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 1800	29.9	64.4	65.6	65.8	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1600	30.2	65.1	66.2	66.5	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 1400	31.2	66.7	68.0	68.2	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1200	32.4	68.7	70.0	70.2	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 1000	33.3	71.2	72.6	72.8	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 900	33.4	71.8	73.2	73.4	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 800	34.6	73.3	74.7	75.1	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 700	35.2	74.1	75.5	75.8	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 600	35.3	74.3	75.8	76.2	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 500	35.4	74.5	76.0	76.5	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 450	36.1	75.3	76.8	77.2	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 400	38.2	79.6	81.1	81.5	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 350	39.8	81.6	83.1	83.5	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 300	41.4	86.2	87.8	88.4	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 250	42.9	89.7	91.3	91.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 200	43.8	91.6	93.3	94.1	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	44.0	92.4	94.2	94.9	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	44.1	93.8	95.8	96.6	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	44.3	94.1	96.1	96.9	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	44.3	94.2	96.3	97.1	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	44.3	94.2	96.3	97.1	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	44.3	94.5	96.7	97.6	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	44.3	94.6	96.8	97.7	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	44.3	94.6	96.8	97.7	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	44.3	94.6	96.8	97.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	44.3	94.6	96.8	97.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	44.3	94.6	96.8	97.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	44.3	94.6	96.8	97.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	44.3	94.6	96.8	97.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	44.3	94.6	96.8	97.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	23.5	50.5	51.2	51.7	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	33.8	69.2	70.0	70.8	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 18000	33.9	69.5	70.2	71.0	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 16000	34.3	69.9	70.6	71.4	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 14000	35.5	72.2	73.0	73.8	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 12000	36.6	73.9	74.7	75.5	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 10000	37.7	76.0	76.9	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 9000	38.1	76.5	77.3	78.3	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 8000	38.8	78.0	78.8	79.9	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 7000	40.0	79.7	80.5	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 6000	40.2	80.5	81.4	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 5000	40.4	81.7	82.6	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4500	40.8	82.5	83.3	84.5	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 4000	42.2	86.2	87.1	88.4	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3500	43.5	88.7	89.7	91.1	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3000	44.1	91.3	92.7	94.3	95.2	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2500	44.8	92.7	94.1	95.7	96.6	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2000	44.9	92.9	94.3	95.9	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	45.1	93.4	94.8	96.5	97.3	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1500	45.1	93.9	95.4	97.0	97.8	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	45.3	94.1	95.6	97.2	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	45.4	94.5	96.0	97.6	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	45.4	94.5	96.0	97.6	98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	45.4	94.5	96.2	97.8	98.7	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	45.4	94.7	96.5	98.2	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	45.4	94.7	96.5	98.2	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	45.4	94.7	96.5	98.3	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	45.4	94.7	96.5	98.4	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	45.4	94.7	96.5	98.4	99.2	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	45.4	94.7	96.5	98.4	99.2	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	45.4	94.7	96.5	98.4	99.2	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	45.4	94.7	96.5	98.4	99.2	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6

COLUMBUS AFB MS

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	21.9	52.7	55.5	56.3	56.6	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	30.2	69.0	72.4	73.4	73.7	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 18000	30.5	69.5	72.8	73.9	74.1	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 16000	30.8	69.8	73.1	74.2	74.4	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 14000	32.2	73.1	76.6	77.7	78.0	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 12000	32.8	75.4	79.1	80.6	80.9	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 10000	34.0	78.4	82.5	84.1	84.3	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 9000	34.0	78.4	82.5	84.1	84.3	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 8000	34.7	79.8	84.0	85.6	85.8	86.5	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 7000	35.5	81.2	85.4	87.0	87.2	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 6000	35.6	81.6	85.9	87.5	87.7	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 5000	35.8	82.8	87.1	88.7	88.9	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4500	36.7	83.5	88.0	89.7	90.2	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 4000	36.5	85.3	89.9	91.8	92.4	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 3500	36.6	86.3	91.0	92.9	93.4	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 3000	36.8	87.5	92.5	94.6	95.3	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2500	36.8	88.3	93.2	95.4	96.0	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2000	36.8	88.6	93.7	95.8	96.6	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	36.9	88.8	93.9	96.0	96.8	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	37.0	89.4	94.4	96.7	97.4	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	37.0	89.7	94.7	97.0	97.7	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	37.1	89.8	94.8	97.1	98.0	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	37.1	89.8	94.8	97.1	98.0	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	37.2	89.9	95.1	97.3	98.2	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	37.2	89.9	95.1	97.3	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	37.2	90.0	95.2	97.4	98.4	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	37.2	90.0	95.2	97.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	37.2	90.0	95.2	97.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	37.2	90.0	95.2	97.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	37.2	90.0	95.2	97.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	37.2	90.0	95.2	97.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	37.2	90.0	95.2	97.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	15.2	60.0	64.3	67.7	68.6	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 2000	19.1	69.4	74.6	78.6	79.5	79.6	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 18000	19.4	69.8	75.3	79.2	80.1	80.2	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 16000	19.4	69.9	75.4	79.4	80.2	80.3	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 14000	19.7	71.0	76.7	80.9	81.8	82.0	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 12000	21.0	73.5	79.5	83.7	84.6	84.8	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 10000	21.6	76.2	82.4	86.8	87.7	88.1	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 9000	21.7	76.3	82.5	86.9	87.8	88.2	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 8000	21.9	77.6	83.8	88.2	89.1	89.5	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 7000	21.7	78.0	84.1	88.5	89.5	89.8	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 6000	21.9	78.3	84.4	88.8	89.8	90.1	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 5000	21.9	78.6	84.7	89.1	90.1	90.4	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 4500	21.9	78.9	85.1	89.5	90.4	90.8	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 4000	21.9	79.5	85.7	90.1	91.1	91.4	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3500	22.2	80.5	86.9	91.3	92.3	92.6	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 3000	22.4	81.7	88.4	92.9	93.9	94.3	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2500	22.4	82.5	89.1	93.8	94.7	95.2	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 2000	22.4	82.7	89.4	94.0	94.9	95.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	22.4	82.8	89.5	94.1	95.1	95.6	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1500	22.6	83.4	90.2	94.9	95.9	96.5	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	22.7	84.0	90.8	95.5	96.5	97.0	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	22.7	84.4	91.2	95.9	96.9	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	22.7	84.5	91.3	96.0	97.0	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	22.7	84.6	91.5	96.2	97.2	97.7	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	22.8	84.7	91.8	96.7	97.6	98.2	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	22.8	84.7	91.8	96.7	97.6	98.2	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	22.8	84.8	92.0	97.0	98.0	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	22.8	84.8	92.0	97.0	98.0	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	22.8	84.9	92.2	97.1	98.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	22.8	84.9	92.2	97.1	98.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	22.8	84.9	92.2	97.1	98.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	22.8	84.9	92.2	97.1	98.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 JA COLUMBUS AFB MS

70, 73-81

JUL

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	14.6	49.0	54.0	57.4	59.8	60.5	61.5	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4
≥ 20000	19.1	58.3	64.1	67.7	70.3	71.2	72.3	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
IN 18000	19.4	58.8	64.6	68.3	70.8	71.7	72.8	73.4	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8
IN 6000	19.5	59.2	65.1	68.7	71.3	72.2	73.3	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.3
IN 14000	20.2	60.7	66.7	70.5	73.1	74.1	75.2	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.2
IN 12000	20.9	62.5	68.6	72.6	75.4	76.4	77.5	78.1	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5
IN 10000	21.7	65.1	71.5	75.7	78.6	79.6	80.8	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9
IN 9000	21.8	65.5	71.9	76.1	79.1	80.1	81.3	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4
IN 8000	22.2	66.8	73.3	77.6	80.6	81.6	82.9	83.6	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0
IN 7000	22.6	67.5	74.1	78.4	81.5	82.5	83.8	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
IN 6000	22.6	67.8	74.4	78.8	81.9	82.9	84.2	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3
IN 5000	22.7	68.3	74.9	79.3	82.4	83.4	84.7	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.9	85.9
IN 4500	22.9	68.8	75.4	79.9	83.0	84.0	85.4	86.1	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5
IN 4000	23.5	70.5	77.3	81.8	85.0	86.0	87.4	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5
IN 3500	24.0	71.5	78.3	82.9	86.1	87.1	88.5	89.2	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6
IN 3000	24.4	73.2	80.2	84.9	88.1	89.2	90.6	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
IN 2500	24.8	74.2	81.3	85.9	89.2	90.3	91.7	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
IN 2000	25.0	74.9	82.0	86.7	90.0	91.1	92.5	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
IN 1800	25.1	75.3	82.4	87.1	90.4	91.6	92.9	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
IN 1500	25.2	76.2	83.5	88.2	91.6	92.7	94.1	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IN 1200	25.3	76.9	84.2	89.0	92.4	93.5	94.9	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
IN 1000	25.4	77.4	84.8	89.6	93.0	94.2	95.6	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IN 900	25.4	77.8	85.1	89.9	93.3	94.5	96.0	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IN 800	25.4	77.9	85.4	90.3	93.8	95.0	96.6	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IN 700	25.5	78.1	85.7	90.6	94.2	95.5	97.0	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3
IN 600	25.5	78.1	85.8	90.8	94.5	95.8	97.4	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7
IN 500	25.5	78.2	86.0	91.1	94.8	96.2	97.8	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IN 400	25.5	78.3	86.1	91.2	95.1	96.5	98.1	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IN 300	25.5	78.3	86.1	91.3	95.1	96.6	98.3	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
IN 200	25.5	78.3	86.1	91.3	95.1	96.6	98.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IN 100	25.5	78.3	86.1	91.3	95.1	96.6	98.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IN 0	25.5	78.3	86.1	91.3	95.1	96.6	98.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306 COLUMBUS AFB MS

70,73-81

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURE (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓	≥¼	≥0
NO CEILING	9.7	56.7	66.6	73.2	77.0	77.1	77.4	77.7	77.7	77.7	77.7	77.8	77.8	77.8	78.1	78.1
≥ 20000	10.8	63.4	74.6	81.4	85.2	85.3	85.6	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.5	86.5
≥ 18000	11.1	63.9	75.3	82.0	85.8	85.9	86.2	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.1	87.1
≥ 16000	11.2	64.2	75.6	82.5	86.3	86.5	86.8	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.6	87.6
≥ 14000	11.5	64.7	76.3	83.2	87.3	87.5	87.8	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.7	88.7
≥ 12000	11.7	65.5	77.1	84.0	88.2	88.4	88.7	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.6	89.6
≥ 10000	11.7	67.0	78.7	85.8	90.1	90.3	90.6	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.5	91.5
≥ 9000	11.8	67.1	78.9	86.0	90.3	90.5	90.9	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.7	91.7
≥ 8000	11.8	67.7	79.7	86.8	91.1	91.4	91.7	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.6	92.6
≥ 7000	11.8	67.8	80.2	87.3	91.6	91.9	92.3	92.8	92.8	92.8	92.8	92.9	92.9	92.9	93.1	93.1
≥ 6000	11.8	68.0	80.3	87.4	91.7	92.0	92.4	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.2	93.2
≥ 5000	11.8	68.5	81.0	88.1	92.4	92.7	93.0	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.9	93.9
≥ 4500	11.8	68.5	81.0	88.1	92.4	92.7	93.0	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.9	93.9
≥ 4000	11.8	68.6	81.1	88.2	92.5	92.8	93.1	93.7	93.7	93.7	93.7	93.8	93.8	93.8	94.0	94.0
≥ 3500	11.9	68.8	81.3	88.4	92.7	93.0	93.3	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.2	94.2
≥ 3000	11.9	69.7	82.6	89.9	94.3	94.6	94.9	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.8	95.8
≥ 2500	11.9	69.8	82.7	90.0	94.4	94.7	95.1	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.9	95.9
≥ 2000	12.0	70.2	83.1	90.4	94.8	95.2	95.5	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.3	96.3
≥ 1800	12.0	70.3	83.2	90.5	94.9	95.3	95.6	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.5	96.5
≥ 1500	12.0	70.3	83.2	90.5	94.9	95.3	95.6	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.5	96.5
≥ 1200	12.0	70.4	83.3	90.6	95.1	95.4	95.7	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.6	96.6
≥ 1000	12.2	70.6	83.7	91.1	95.5	95.8	96.1	96.7	96.7	96.7	96.7	96.8	96.8	96.8	97.0	97.0
≥ 900	12.2	70.8	83.8	91.2	95.6	95.9	96.2	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.1	97.1
≥ 800	12.4	71.0	84.0	91.4	96.1	96.5	96.8	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.6	97.6
≥ 700	12.4	71.0	84.2	91.8	96.6	96.9	97.2	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.1
≥ 600	12.4	71.0	84.2	91.8	96.7	97.0	97.3	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.2	98.2
≥ 500	12.5	71.3	84.5	92.5	97.4	97.7	98.1	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.9	98.9
≥ 400	12.6	71.7	84.9	92.9	98.1	98.4	98.7	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.6
≥ 300	12.6	71.8	85.1	93.0	98.2	98.6	98.9	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8
≥ 200	12.6	71.8	85.1	93.1	98.3	98.7	99.0	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9
≥ 100	12.6	71.8	85.1	93.1	98.3	98.7	99.0	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9
≥ 0	12.6	71.8	85.1	93.1	98.3	98.7	99.0	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,73-81

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	2.4	31.1	42.5	54.4	63.2	65.3	67.6	69.6	70.1	70.3	71.1	71.2	71.2	71.3	71.3	71.3	71.3
≥ 20000	2.7	33.7	46.5	59.5	68.6	71.0	73.5	75.7	76.2	76.5	77.3	77.4	77.4	77.6	77.6	77.6	77.6
≥ 18000	2.8	34.2	47.1	60.2	69.4	71.7	74.3	76.5	77.0	77.2	78.1	78.2	78.2	78.4	78.4	78.4	78.4
≥ 15000	3.0	34.4	47.4	60.5	69.7	72.0	74.6	76.8	77.3	77.5	78.4	78.5	78.5	78.7	78.7	78.7	78.7
≥ 14000	3.3	35.2	48.5	61.7	71.0	73.3	75.9	78.1	78.6	78.8	79.7	79.8	79.8	80.0	80.0	80.0	80.0
≥ 12000	3.3	35.9	49.5	62.7	72.2	74.5	77.3	79.5	80.0	80.2	81.1	81.2	81.2	81.4	81.5	81.5	81.5
≥ 10000	3.3	37.2	51.4	64.8	74.6	77.3	80.2	82.5	83.0	83.2	84.1	84.2	84.2	84.4	84.5	84.5	84.5
≥ 9500	3.3	37.3	51.5	64.9	74.8	77.5	80.4	82.7	83.2	83.4	84.3	84.4	84.4	84.6	84.7	84.7	84.7
≥ 8000	3.3	38.4	53.0	66.5	76.3	79.0	81.9	84.2	84.7	84.9	85.8	85.9	85.9	86.1	86.2	86.2	86.2
≥ 7500	3.3	38.6	53.9	67.3	77.3	80.0	82.9	85.3	85.8	86.0	86.9	87.0	87.0	87.2	87.3	87.3	87.3
≥ 6000	3.3	38.7	54.0	67.5	77.5	80.2	83.1	85.5	86.0	86.2	87.1	87.2	87.2	87.4	87.5	87.5	87.5
≥ 5000	3.3	39.6	54.9	68.6	78.7	81.4	84.3	86.7	87.2	87.4	88.3	88.4	88.4	88.6	88.7	88.7	88.7
≥ 4500	3.3	39.7	55.1	68.8	78.9	81.6	84.5	86.9	87.4	87.6	88.5	88.6	88.6	88.8	88.9	88.9	88.9
≥ 4000	3.3	39.7	55.1	68.8	79.1	81.9	84.8	87.3	87.8	88.1	88.9	89.0	89.0	89.2	89.4	89.4	89.4
≥ 3500	3.3	39.7	55.1	69.0	79.4	82.2	85.2	87.6	88.2	88.4	89.2	89.4	89.4	89.6	89.7	89.7	89.7
≥ 3000	3.3	40.0	55.5	69.5	79.8	82.6	85.6	88.1	88.6	88.9	89.8	89.9	89.9	90.1	90.2	90.2	90.2
≥ 2500	3.3	40.2	55.9	69.9	80.2	83.0	86.0	88.5	89.0	89.4	90.2	90.3	90.3	90.5	90.6	90.6	90.6
≥ 2000	3.3	40.8	56.5	70.4	80.9	83.7	86.7	89.2	89.8	90.1	91.0	91.1	91.1	91.3	91.4	91.4	91.4
≥ 1800	3.3	40.8	56.6	70.5	81.0	83.8	86.8	89.4	89.9	90.2	91.1	91.2	91.2	91.4	91.5	91.5	91.5
≥ 1500	3.3	41.0	56.9	71.1	81.5	84.3	87.4	90.0	90.5	90.9	91.7	91.8	91.8	92.0	92.2	92.2	92.2
≥ 1200	3.3	41.1	57.0	71.2	81.6	84.4	87.5	90.1	90.6	91.0	91.8	91.9	91.9	92.2	92.3	92.3	92.3
≥ 1000	3.4	41.4	57.3	71.6	82.0	84.9	88.1	90.6	91.2	91.5	92.4	92.5	92.5	92.7	92.8	92.8	92.8
≥ 900	3.4	41.4	57.3	71.6	82.0	84.9	88.1	90.6	91.2	91.5	92.4	92.5	92.5	92.7	92.8	92.8	92.8
≥ 800	3.4	41.7	57.6	71.9	82.6	85.5	88.6	91.2	91.7	92.0	92.9	93.0	93.0	93.2	93.3	93.3	93.3
≥ 700	3.5	42.0	58.0	72.4	83.1	86.0	89.1	91.7	92.3	92.6	93.4	93.5	93.5	93.8	93.9	93.9	93.9
≥ 600	3.5	42.3	58.2	72.6	83.5	86.5	89.7	92.3	92.8	93.1	94.0	94.1	94.1	94.3	94.4	94.4	94.4
≥ 500	3.5	42.7	59.1	73.8	85.1	88.1	91.3	94.0	94.6	94.9	95.8	95.9	95.9	96.1	96.2	96.2	96.2
≥ 400	3.5	42.9	59.6	74.3	85.7	88.7	91.9	94.6	95.4	95.7	96.6	96.7	96.7	96.9	97.0	97.0	97.0
≥ 300	3.5	43.0	59.8	74.6	86.5	89.5	92.9	95.8	96.7	97.0	98.1	98.2	98.2	98.4	98.5	98.5	98.5
≥ 200	3.5	43.0	59.8	74.6	86.5	89.5	93.0	96.0	97.0	97.3	98.5	98.7	98.8	99.1	99.4	99.4	99.4
≥ 100	3.5	43.0	59.8	74.6	86.5	89.5	93.0	96.0	97.0	97.4	98.8	99.0	99.1	99.5	99.7	99.7	99.7
≥ 0	3.5	43.0	59.8	74.6	86.5	89.5	93.0	96.0	97.0	97.4	98.8	99.0	99.1	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

22346 COLUMBUS AFB MS

70,73-81

805

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	4.6	28.3	35.9	43.9	50.3	53.8	57.2	59.6	60.0	60.6	60.9	61.0	61.2	61.2	61.3	61.3
≥ 20000	5.2	31.2	39.4	48.2	55.2	58.8	62.4	64.7	65.4	66.1	66.3	66.5	66.7	66.9	67.0	67.1
≥ 18000	5.4	31.6	40.0	48.8	55.8	59.5	63.0	65.4	66.0	66.8	67.0	67.1	67.3	67.5	67.6	67.7
≥ 16000	5.4	31.6	40.1	48.9	55.9	59.6	63.1	65.5	66.1	66.9	67.1	67.2	67.4	67.6	67.7	67.8
≥ 14000	5.4	32.3	41.0	50.0	57.4	61.1	64.7	67.1	67.7	68.5	68.7	68.8	69.0	69.2	69.4	69.5
≥ 12000	5.7	34.4	43.1	52.3	60.1	63.9	67.5	69.9	70.6	71.5	71.7	71.8	72.0	72.3	72.4	72.5
≥ 10000	5.9	36.2	45.2	54.4	62.8	66.7	70.5	72.9	73.7	74.5	74.7	74.8	75.1	75.3	75.4	75.5
≥ 9000	5.9	36.8	45.7	55.2	63.5	67.5	71.4	73.9	74.6	75.5	75.7	75.8	76.0	76.2	76.3	76.5
≥ 8000	5.9	37.5	46.7	56.1	64.5	68.5	72.5	74.9	75.7	76.6	76.8	76.9	77.1	77.3	77.4	77.5
≥ 7000	5.9	37.7	47.0	56.7	65.2	69.2	73.3	75.9	76.7	77.5	77.8	78.0	78.3	78.5	78.6	78.7
≥ 6000	5.9	37.7	47.0	56.7	65.4	69.5	73.5	76.1	76.9	77.7	78.1	78.2	78.5	78.7	78.8	78.9
≥ 5000	5.9	38.0	47.5	57.2	65.9	70.1	74.4	77.0	77.7	78.6	78.9	79.0	79.4	79.6	79.7	79.8
≥ 4500	5.9	38.3	48.2	57.8	66.7	70.9	75.3	77.8	78.6	79.5	79.9	80.0	80.3	80.5	80.6	80.8
≥ 4000	5.9	38.6	48.5	58.2	67.0	71.2	75.7	78.3	79.0	79.9	80.3	80.4	80.8	81.0	81.1	81.2
≥ 3500	5.9	38.7	48.6	58.3	67.1	71.3	75.8	78.5	79.2	80.1	80.5	80.6	81.0	81.2	81.3	81.4
≥ 3000	5.9	38.8	48.8	58.5	67.4	71.6	76.2	79.0	79.9	80.8	81.2	81.3	81.6	81.8	81.9	82.0
≥ 2500	6.0	39.6	49.7	59.4	68.3	72.5	77.1	79.9	80.8	81.6	82.0	82.2	82.5	82.7	82.8	82.9
≥ 2000	6.0	39.9	50.0	59.8	69.0	73.5	78.3	81.1	81.9	82.8	83.2	83.3	83.7	83.9	84.0	84.1
≥ 1800	6.0	40.0	50.1	59.9	69.1	73.7	78.4	81.2	82.0	82.9	83.3	83.4	83.8	84.0	84.1	84.2
≥ 1500	6.0	40.3	50.5	60.3	69.8	74.5	79.4	82.3	83.1	84.0	84.4	84.5	84.8	85.1	85.2	85.3
≥ 1200	6.0	40.8	51.1	61.0	70.5	75.3	80.2	83.1	84.0	84.8	85.3	85.4	85.7	85.9	86.0	86.1
≥ 1000	6.0	41.1	51.5	61.4	71.0	75.7	80.8	83.7	84.5	85.4	85.8	85.9	86.2	86.5	86.7	86.8
≥ 900	6.3	41.6	52.0	62.0	71.7	76.5	81.5	84.4	85.3	86.1	86.6	86.7	87.0	87.2	87.4	87.5
≥ 800	6.3	42.6	53.1	63.3	73.1	77.8	83.1	86.0	86.9	87.7	88.2	88.3	88.6	88.8	89.0	89.1
≥ 700	6.5	42.9	53.7	63.9	74.1	79.1	84.4	87.3	88.2	89.0	89.5	89.6	89.9	90.1	90.3	90.4
≥ 600	6.5	43.2	54.3	64.6	74.9	80.2	85.5	88.4	89.2	90.1	90.5	90.6	91.0	91.2	91.4	91.5
≥ 500	6.5	43.7	54.8	65.5	76.0	81.8	87.2	90.1	91.0	91.9	92.4	92.5	92.8	93.0	93.2	93.3
≥ 400	6.5	43.7	55.1	65.9	76.9	83.0	89.1	92.4	93.3	94.3	94.7	94.8	95.2	95.4	95.6	95.7
≥ 300	6.5	43.7	55.1	66.1	77.6	83.8	90.5	93.9	95.2	96.5	97.0	97.1	97.6	97.8	98.1	98.2
≥ 200	6.5	43.7	55.1	66.1	77.7	84.0	90.8	94.1	95.5	96.8	97.5	97.7	98.4	99.0	99.4	99.5
≥ 100	6.5	43.7	55.1	66.1	77.7	84.0	90.8	94.1	95.5	96.8	97.5	97.7	98.9	99.6	99.9	100.0
≥ 0	6.5	43.7	55.1	66.1	77.7	84.0	90.8	94.1	95.5	96.8	97.5	97.7	98.9	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7273.6

COLUMBUS AFB MS

70,73-61

400

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.5	≥1	≥1	≥1	≥1	≥1/2	≥1/2	≥1/2	
NO CEILING	20.0	54.9	59.1	62.2	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 2000	22.0	59.1	63.4	66.5	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1800	22.3	59.9	64.2	67.2	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1600	22.9	60.0	64.5	67.5	68.5	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1400	23.7	61.7	66.2	69.4	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1200	24.3	64.7	69.6	72.8	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1000	25.4	67.4	72.3	75.5	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 900	25.4	67.7	72.6	75.8	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 800	25.9	68.6	73.4	76.8	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 700	26.0	69.0	74.0	77.3	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 600	26.1	69.4	74.3	77.6	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 500	26.2	69.6	74.6	78.0	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 450	26.2	70.0	75.1	78.4	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 400	26.3	71.2	76.3	79.7	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 350	26.6	72.7	77.8	81.2	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 300	27.1	74.4	79.6	82.9	84.1	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9
≥ 250	27.6	75.9	81.1	84.4	85.7	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7
≥ 200	28.8	78.0	83.3	86.9	88.4	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4
≥ 1800	28.9	78.7	84.1	87.6	89.1	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
≥ 1500	29.4	80.5	86.0	89.7	91.4	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 1200	29.9	81.8	87.4	91.1	93.0	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1000	30.3	83.1	88.7	92.4	94.5	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 900	30.5	83.5	89.2	92.9	95.1	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 800	30.6	84.0	90.1	94.0	96.2	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 700	30.8	84.4	91.8	94.7	97.0	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 600	30.9	84.4	90.9	95.2	97.6	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 500	30.8	84.4	90.9	95.5	98.2	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	30.8	84.4	90.9	95.6	98.3	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	30.8	84.4	90.9	95.6	98.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	30.8	84.4	90.9	95.6	98.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	30.8	84.4	90.9	95.6	98.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 0	30.8	84.4	90.9	95.6	98.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723316

COLUMBUS AFB MS

70,73-81

AUG

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	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	23.4	51.9	54.2	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	
≥ 20000	31.8	64.9	67.5	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
IV 18000	32.2	65.3	67.8	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	
IV 16000	32.3	65.4	68.0	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	
IV 14000	33.2	66.9	69.5	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 12000	34.9	69.7	72.3	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
IV 10000	36.0	72.0	74.6	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
IV 9000	36.2	72.6	75.2	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
IV 8000	37.2	73.9	76.5	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
IV 7000	37.5	74.7	77.3	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
IV 6000	37.6	74.8	77.4	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
IV 5000	37.7	75.5	78.1	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	
IV 4500	38.1	75.7	78.3	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	
IV 4000	38.6	77.6	80.5	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	
IV 3500	40.3	80.6	83.8	84.7	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
IV 3000	43.4	88.4	91.9	93.1	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
IV 2500	44.4	91.0	94.5	95.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
IV 2000	45.4	92.4	95.9	97.4	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
IV 1800	45.4	92.6	96.1	97.7	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
IV 1500	45.4	92.9	96.5	98.2	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
IV 1200	45.5	93.2	96.9	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 1000	45.5	93.2	97.0	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
IV 900	45.5	93.2	97.0	98.8	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IV 800	45.5	93.2	97.0	98.8	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IV 700	45.5	93.2	97.1	98.9	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 600	45.5	93.2	97.1	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 500	45.5	93.2	97.1	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 400	45.5	93.2	97.1	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 300	45.5	93.2	97.1	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 200	45.5	93.2	97.1	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 100	45.5	93.2	97.1	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 0	45.5	93.2	97.1	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 J6

COLUMBUS AFB MS

70, 73-81

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	25.8	53.5	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	37.4	71.3	72.8	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
≥ 18000	37.7	71.6	73.1	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
≥ 16000	38.1	72.0	73.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000	38.7	73.4	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	39.9	75.6	77.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	40.8	78.2	79.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 9000	41.0	78.9	80.5	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	42.2	81.3	82.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 7000	42.7	81.9	83.5	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	42.7	81.9	83.5	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	42.8	82.7	84.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4500	42.9	83.7	85.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	43.9	86.5	88.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	44.6	88.9	90.6	91.9	92.3	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	46.2	92.9	94.7	96.0	96.6	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	46.7	93.8	95.8	97.1	97.7	97.8	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	46.7	93.9	95.9	97.4	98.2	98.3	98.4	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	46.7	93.9	95.9	97.4	98.2	98.3	98.4	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	46.7	94.1	96.2	97.7	98.5	98.6	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	46.7	94.2	96.3	97.8	98.6	98.7	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	46.7	94.3	96.5	98.0	98.7	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	46.7	94.5	96.7	98.2	98.9	99.0	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	46.7	94.6	96.8	98.3	99.0	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	46.7	94.6	96.8	98.3	99.0	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	46.7	94.6	96.8	98.3	99.0	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	46.7	94.6	96.8	98.3	99.0	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	46.7	94.6	96.8	98.3	99.0	99.1	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	46.7	94.6	96.8	98.3	99.0	99.1	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	46.7	94.6	96.8	98.3	99.0	99.1	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	46.7	94.6	96.8	98.3	99.0	99.1	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	46.7	94.6	96.8	98.3	99.0	99.1	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,73-81

AUG

STATION

STATION NAME

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	22.4	53.9	57.8	58.7	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	30.0	69.3	73.8	74.9	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 18000	30.3	69.7	74.2	75.3	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 16000	30.7	70.2	74.8	75.8	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 14000	31.6	72.0	76.5	77.7	78.5	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 12000	32.1	74.3	79.3	80.2	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 10000	33.7	77.6	82.4	84.0	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 9000	33.7	78.0	82.8	84.5	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 8000	34.2	79.7	84.6	86.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 7000	35.0	80.6	85.4	87.1	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 6000	35.3	81.2	86.1	87.7	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 5000	35.5	82.6	87.5	89.2	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4500	35.5	83.7	88.6	90.3	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4000	36.1	85.2	90.2	91.9	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 3500	36.2	86.5	91.8	93.7	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 3000	36.5	87.8	93.1	95.5	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2500	36.5	88.2	93.5	95.9	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 2000	36.5	88.6	94.0	96.4	98.0	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1800	36.5	88.6	94.0	96.4	98.0	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	36.5	89.1	94.6	97.1	98.6	98.8	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	36.5	89.1	94.6	97.1	98.6	98.8	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	36.5	89.1	94.6	97.2	98.7	98.9	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	36.5	89.1	94.6	97.2	98.7	98.9	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	36.5	89.1	94.6	97.2	98.7	98.9	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	36.5	89.2	94.7	97.3	98.9	99.1	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	36.5	89.2	94.7	97.3	98.9	99.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	36.5	89.2	94.7	97.3	98.9	99.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	36.5	89.2	94.7	97.3	98.9	99.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	36.5	89.2	94.7	97.3	98.9	99.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	36.5	89.2	94.7	97.3	98.9	99.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	36.5	89.2	94.7	97.3	98.9	99.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	36.5	89.2	94.7	97.3	98.9	99.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

73, 73-81

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING ≥ 20000	19.6	64.3	72.2	74.0	75.3	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IN 18000 6000	22.5	73.5	81.9	84.0	85.3	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IN 14000 12000	23.2	74.9	83.3	85.4	86.8	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IN 10000 9500	24.4	77.9	86.6	88.9	90.6	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IN 8000 7000	24.7	78.7	87.6	89.9	91.6	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IN 6000 5000	24.7	79.7	88.6	90.8	92.9	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IN 4500 4000	24.7	80.7	89.5	91.9	94.0	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IN 3500 3000	24.9	82.0	90.8	93.4	95.6	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IN 2500 2000	25.2	83.6	93.1	95.8	98.1	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IN 1800 1500	25.2	83.6	93.2	96.0	98.4	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IN 1200 1000	25.2	83.6	93.3	96.3	98.7	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IN 900 800	25.4	83.7	93.4	96.5	98.9	99.2	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IN 700 600	25.4	83.7	93.4	96.8	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IN 500 400	25.4	83.8	93.5	96.9	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IN 300 200	25.4	83.8	93.5	96.9	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IN 100 0	25.4	83.8	93.5	96.9	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	16.1	49.3	55.4	59.6	62.4	63.2	64.0	64.6	64.7	64.8	64.9	65.0	65.0	65.0	65.1	65.1
≥ 20000	20.2	58.2	64.9	69.4	72.2	73.2	74.0	74.6	74.8	74.9	75.0	75.1	75.1	75.2	75.2	75.2
IV 18000	20.6	58.7	65.4	70.0	72.8	73.8	74.6	75.2	75.4	75.5	75.6	75.7	75.7	75.8	75.8	75.8
IV 16000	20.8	59.0	65.8	70.3	73.2	74.1	75.0	75.6	75.8	75.9	76.0	76.1	76.1	76.1	76.2	76.2
IV 14000	21.3	60.1	67.0	71.6	74.6	75.6	76.4	77.1	77.2	77.3	77.5	77.5	77.5	77.6	77.6	77.6
IV 12000	22.0	62.0	69.0	73.6	76.8	77.7	78.6	79.2	79.4	79.5	79.7	79.7	79.7	79.8	79.8	79.9
IV 10000	22.6	64.2	71.3	76.2	79.5	80.5	81.4	82.1	82.2	82.4	82.5	82.5	82.6	82.6	82.7	82.7
IV 9000	22.7	64.6	71.8	76.6	79.9	80.9	81.9	82.5	82.7	82.8	83.0	83.0	83.0	83.1	83.1	83.2
IV 8000	23.1	65.7	73.0	77.9	81.2	82.2	83.2	83.9	84.0	84.2	84.3	84.3	84.4	84.4	84.5	84.5
IV 7000	23.4	66.2	73.6	78.5	81.9	83.0	83.9	84.6	84.8	84.9	85.1	85.1	85.2	85.2	85.3	85.3
IV 6000	23.4	66.4	73.9	78.8	82.2	83.3	84.2	84.9	85.1	85.2	85.4	85.4	85.4	85.5	85.6	85.6
IV 5000	23.5	67.1	74.6	79.6	83.0	84.1	85.1	85.8	85.9	86.1	86.2	86.3	86.3	86.4	86.4	86.4
IV 4500	23.5	67.5	75.1	80.1	83.6	84.6	85.6	86.3	86.5	86.6	86.8	86.8	86.9	86.9	87.0	87.0
IV 4000	23.8	68.6	76.2	81.3	84.8	85.9	86.9	87.6	87.8	87.9	88.1	88.1	88.2	88.2	88.3	88.3
IV 3500	24.2	69.7	77.5	82.6	86.1	87.2	88.2	89.0	89.2	89.3	89.5	89.5	89.5	89.6	89.7	89.7
IV 3000	25.0	71.9	79.8	85.1	88.7	89.8	90.9	91.7	91.9	92.0	92.2	92.2	92.3	92.3	92.4	92.4
IV 2500	25.2	72.7	80.8	86.0	89.7	90.8	91.9	92.7	92.9	93.0	93.2	93.2	93.3	93.4	93.4	93.4
IV 2000	25.5	73.4	81.5	86.8	90.7	91.8	92.9	93.7	93.9	94.1	94.3	94.3	94.4	94.4	94.5	94.5
IV 1800	25.5	73.5	81.6	87.0	90.9	92.0	93.1	93.9	94.1	94.3	94.5	94.5	94.6	94.6	94.7	94.7
IV 1500	25.6	74.0	82.1	87.6	91.5	92.7	93.8	94.6	94.8	95.0	95.2	95.2	95.3	95.3	95.4	95.4
IV 1200	25.6	74.3	82.5	88.0	91.9	93.1	94.2	95.1	95.3	95.4	95.6	95.7	95.7	95.8	95.8	95.8
IV 1000	25.7	74.6	82.8	88.4	92.3	93.5	94.7	95.5	95.7	95.9	96.1	96.1	96.2	96.2	96.3	96.3
IV 900	25.8	74.7	83.0	88.6	92.5	93.7	94.9	95.7	96.0	96.1	96.3	96.4	96.4	96.5	96.5	96.6
IV 800	25.8	75.0	83.3	88.9	93.0	94.2	95.4	96.2	96.4	96.6	96.8	96.9	96.9	97.0	97.0	97.1
IV 700	25.9	75.1	83.6	89.3	93.4	94.7	95.8	96.7	96.9	97.1	97.3	97.3	97.4	97.4	97.5	97.5
IV 600	25.9	75.2	83.7	89.4	93.7	95.0	96.1	97.0	97.2	97.4	97.6	97.6	97.7	97.8	97.8	97.8
IV 500	25.9	75.3	83.9	89.8	94.1	95.5	96.7	97.6	97.8	98.0	98.3	98.3	98.3	98.4	98.5	98.5
IV 400	25.9	75.4	84.1	90.0	94.4	95.9	97.2	98.1	98.4	98.6	98.8	98.8	98.9	98.9	99.0	99.0
IV 300	25.9	75.5	84.1	90.1	94.6	96.1	97.5	98.5	98.8	99.0	99.3	99.3	99.4	99.5	99.5	99.6
IV 200	25.9	75.5	84.1	90.1	94.7	96.1	97.6	98.6	98.9	99.1	99.4	99.5	99.6	99.7	99.8	99.8
IV 100	25.9	75.5	84.1	90.1	94.7	96.1	97.6	98.6	98.9	99.1	99.5	99.5	99.7	99.8	99.9	99.9
IV 0	25.9	75.5	84.1	90.1	94.7	96.1	97.6	98.6	98.9	99.1	99.5	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	7.6	45.2	52.8	58.2	62.4	63.0	64.8	65.3	65.3	65.6	65.8	65.8	66.1	66.1	66.1	66.3
≥ 2000	8.1	48.8	57.4	63.2	67.8	68.3	70.1	70.7	70.7	70.9	71.1	71.1	71.4	71.4	71.4	71.7
≥ 1800	8.6	49.4	58.1	63.9	68.4	69.0	70.8	71.3	71.3	71.6	71.8	71.8	72.1	72.1	72.1	72.3
IV 6000	8.6	49.9	58.6	64.3	68.9	69.4	71.2	71.8	71.8	72.0	72.2	72.2	72.6	72.6	72.6	72.8
IV 14000	9.1	50.9	59.7	65.4	70.0	70.6	72.3	72.9	72.9	73.1	73.3	73.3	73.7	73.7	73.7	73.9
IV 12000	9.1	51.1	60.0	66.1	70.9	71.4	73.2	73.8	73.8	74.0	74.2	74.2	74.6	74.6	74.6	74.8
IV 10000	9.1	53.6	63.2	69.4	74.7	75.2	77.2	77.8	77.8	78.0	78.2	78.2	78.6	78.6	78.6	78.8
IV 9500	9.4	55.0	64.7	70.9	76.1	76.7	78.7	79.2	79.2	79.4	79.7	79.7	80.0	80.0	80.0	80.2
IV 8000	9.8	56.6	67.1	73.6	79.0	79.6	81.6	82.1	82.1	82.3	82.6	82.6	82.9	82.9	82.9	83.1
IV 7000	9.8	57.2	68.0	74.7	80.1	80.7	82.7	83.2	83.2	83.4	83.7	83.7	84.0	84.0	84.0	84.2
IV 6000	9.8	57.7	68.4	75.3	80.8	81.4	83.4	84.0	84.0	84.2	84.4	84.4	84.8	84.8	84.8	85.0
IV 5000	10.0	58.8	69.7	76.7	82.1	82.9	84.9	85.4	85.4	85.7	85.9	85.9	86.2	86.2	86.2	86.4
IV 4500	10.0	59.2	70.3	77.3	82.8	83.6	85.6	86.1	86.1	86.3	86.6	86.6	86.9	86.9	86.9	87.1
IV 4000	10.1	59.8	70.9	78.0	83.4	84.2	86.2	86.8	86.8	87.0	87.2	87.2	87.6	87.6	87.6	87.8
IV 3500	10.1	59.9	71.0	78.1	83.6	84.3	86.3	86.9	86.9	87.1	87.3	87.3	87.7	87.7	87.7	87.9
IV 3000	10.1	60.0	71.2	78.4	84.0	84.8	86.8	87.3	87.3	87.6	87.8	87.8	88.1	88.1	88.1	88.3
IV 2500	10.3	60.3	71.9	79.1	84.8	85.6	87.6	88.1	88.1	88.3	88.6	88.6	88.9	88.9	88.9	89.1
IV 2000	10.3	60.8	72.3	79.6	85.8	86.6	88.6	89.2	89.2	89.4	89.7	89.7	90.0	90.0	90.0	90.2
IV 1800	10.3	61.3	72.9	80.1	86.3	87.1	89.1	89.8	89.8	90.0	90.2	90.2	90.6	90.6	90.6	90.8
IV 1500	10.3	61.7	73.6	80.8	87.1	87.9	89.9	90.6	90.6	90.8	91.0	91.0	91.3	91.3	91.3	91.6
IV 1200	10.6	62.2	74.1	81.3	87.7	88.4	90.4	91.1	91.1	91.3	91.6	91.6	91.9	91.9	91.9	92.1
IV 1000	10.6	63.0	75.0	82.3	89.1	89.9	91.9	92.6	92.6	92.8	93.0	93.0	93.3	93.3	93.3	93.6
IV 900	10.6	63.2	75.2	82.6	89.4	90.2	92.2	92.9	92.9	93.1	93.3	93.3	93.7	93.7	93.7	93.9
IV 800	10.6	63.4	75.4	82.9	89.9	90.7	92.7	93.3	93.3	93.6	93.8	93.8	94.1	94.1	94.1	94.3
IV 700	10.8	63.9	75.9	83.4	90.6	91.3	93.3	94.0	94.0	94.2	94.4	94.4	94.8	94.8	94.8	95.0
IV 600	10.8	64.3	76.6	84.1	91.3	92.1	94.3	95.0	95.0	95.2	95.4	95.4	95.8	95.8	95.8	96.0
IV 500	10.9	65.2	77.7	85.7	93.3	94.1	96.3	97.1	97.1	97.3	97.6	97.6	97.9	97.9	97.9	98.1
IV 400	10.9	65.2	77.7	85.7	93.6	94.3	96.8	97.6	97.6	97.8	98.0	98.0	98.3	98.3	98.3	98.6
IV 300	10.9	65.3	77.8	85.9	93.8	94.8	97.2	98.0	98.0	98.2	98.6	98.6	98.9	98.9	98.9	99.2
IV 200	10.9	65.3	77.9	86.2	94.2	95.2	97.7	98.4	98.4	98.7	99.0	99.0	99.3	99.3	99.4	99.8
IV 100	10.9	65.3	78.1	86.4	94.4	95.4	97.9	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	100.0
IV 0	10.9	65.3	78.1	86.4	94.4	95.4	97.9	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12 13 6 COLUMBUS AFB MS

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 1/8	≥ 1/4	≥ 1/2	≥ 3/4	≥ 1	≥ 1 1/4	≥ 1 1/2	≥ 2	≥ 2 1/2	≥ 3	≥ 3 1/2	≥ 4	≥ 4 1/2	≥ 5	≥ 6
NO CEILING	3.1	27.2	35.8	42.4	49.7	51.3	55.3	57.1	57.7	58.8	58.9	58.9	58.9	58.9	59.0	59.3
≥ 2000	3.1	28.9	38.4	45.8	53.6	55.2	59.3	61.1	61.8	62.9	63.0	63.0	63.0	63.0	63.1	63.4
≥ 1800	3.2	29.0	38.7	46.0	53.8	55.4	59.6	61.3	62.0	63.1	63.2	63.2	63.2	63.2	63.3	63.7
≥ 1600	3.6	29.7	39.3	46.7	54.4	56.1	60.3	62.2	62.9	64.0	64.1	64.1	64.1	64.1	64.2	64.6
≥ 1400	3.6	30.2	39.9	47.2	55.1	56.8	61.0	62.9	63.6	64.7	64.8	64.8	64.8	64.8	64.9	65.2
≥ 1200	3.6	30.4	40.3	47.8	55.8	57.6	62.0	63.9	64.6	65.7	65.8	65.8	65.8	65.8	65.9	66.2
≥ 1000	3.6	32.9	43.3	50.9	59.3	61.1	65.6	67.4	68.2	69.3	69.4	69.4	69.4	69.4	69.6	69.9
≥ 900	7.1	33.1	43.8	51.3	59.8	61.6	66.0	67.9	68.7	69.8	69.9	69.9	69.9	69.9	70.0	70.3
≥ 800	3.6	34.1	45.2	53.2	62.2	64.0	68.4	70.3	71.1	72.2	72.3	72.3	72.3	72.3	72.4	72.8
≥ 700	3.6	35.3	46.7	54.9	64.2	66.1	70.6	72.6	73.3	74.4	74.6	74.6	74.6	74.6	74.7	75.0
≥ 600	3.7	35.9	47.4	55.7	65.2	67.1	71.6	73.6	74.3	75.4	75.6	75.6	75.6	75.6	75.7	76.0
≥ 500	3.7	36.6	48.6	56.8	66.6	68.4	73.1	75.1	75.9	77.0	77.2	77.2	77.2	77.3	77.4	77.9
≥ 450	3.7	36.8	48.8	57.0	66.8	68.7	73.3	75.3	76.1	77.2	77.4	77.4	77.4	77.6	77.7	78.1
≥ 400	3.8	37.2	49.2	57.4	67.3	69.2	73.9	75.9	76.7	77.8	78.0	78.0	78.0	78.1	78.2	78.7
≥ 350	4.0	37.7	50.1	58.6	68.4	70.3	75.0	77.1	77.9	79.0	79.2	79.2	79.2	79.3	79.4	79.9
≥ 300	4.0	38.0	50.8	59.3	69.9	71.8	76.7	78.7	79.6	80.7	80.9	80.9	80.9	81.0	81.1	81.6
≥ 250	4.0	38.1	51.3	60.1	70.7	72.6	77.4	79.4	80.3	81.4	81.7	81.7	81.7	81.8	81.9	82.3
≥ 200	4.1	39.0	52.2	61.0	71.6	73.6	78.6	80.6	81.4	82.6	82.8	82.8	82.8	82.9	83.0	83.4
≥ 180	4.2	39.2	52.6	61.3	71.9	73.9	78.9	80.9	81.8	82.9	83.1	83.1	83.1	83.2	83.3	83.8
≥ 150	4.6	40.2	53.9	62.8	73.3	75.3	80.3	82.3	83.2	84.3	84.6	84.6	84.6	84.7	84.8	85.2
≥ 120	4.8	41.4	55.2	64.1	74.7	76.7	81.7	83.7	84.6	85.7	85.9	85.9	85.9	86.0	86.1	86.6
≥ 100	4.8	41.8	55.7	64.7	75.6	77.7	82.7	84.7	85.6	86.7	86.9	86.9	86.9	87.0	87.1	87.6
≥ 90	5.1	42.7	56.6	65.9	76.8	78.9	83.9	85.9	86.8	87.9	88.1	88.1	88.1	88.2	88.3	88.8
≥ 80	5.1	42.9	56.9	66.8	77.8	80.0	85.0	87.0	87.9	89.0	89.2	89.2	89.2	89.3	89.4	89.9
≥ 70	5.4	43.4	57.8	67.8	79.3	81.6	86.6	88.6	89.4	90.6	90.8	90.8	90.8	90.9	91.0	91.4
≥ 60	5.7	44.4	58.9	69.0	80.6	82.9	87.9	89.9	90.8	91.9	92.1	92.1	92.1	92.2	92.3	92.8
≥ 50	5.7	44.9	59.8	70.3	82.6	84.9	90.0	92.1	93.0	94.1	94.3	94.3	94.3	94.4	94.6	95.0
≥ 40	5.7	45.3	60.4	71.0	83.4	85.9	91.2	93.7	94.6	95.7	95.9	95.9	95.9	96.0	96.1	96.6
≥ 30	5.7	45.3	60.6	71.1	83.6	86.1	92.0	94.6	95.4	96.6	96.8	96.8	96.8	96.9	97.0	97.4
≥ 20	5.7	45.3	60.6	71.1	83.7	86.2	92.6	95.2	96.1	97.3	97.8	97.8	97.8	97.9	98.0	98.9
≥ 10	5.7	45.3	60.6	71.1	83.7	86.2	92.9	95.6	96.4	97.8	98.2	98.2	98.2	98.4	98.7	99.6
≥ 0	5.7	45.3	60.6	71.1	83.7	86.2	92.9	95.6	96.4	97.8	98.2	98.2	98.2	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.G.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	4.7	21.4	27.0	32.7	37.7	40.4	43.8	46.6	47.9	48.7	49.3	49.3	49.3	49.3	49.6	49.7
≥ 2000	4.8	22.9	29.4	36.0	41.4	44.7	48.0	51.2	52.8	53.6	54.3	54.3	54.3	54.4	54.6	54.8
IV 1800	5.1	23.4	30.0	36.7	42.1	45.3	48.7	51.9	53.4	54.2	55.0	55.0	55.1	55.2	55.3	55.4
IV 1600	5.2	23.9	30.4	37.2	42.7	45.9	49.2	52.4	54.0	54.8	55.6	55.6	55.7	55.8	55.9	56.0
IV 1400	5.2	24.8	31.7	38.8	44.7	47.9	51.2	54.6	56.2	57.2	58.0	58.0	58.1	58.2	58.3	58.4
IV 1200	5.6	26.2	33.3	40.7	46.9	50.4	53.9	57.2	58.9	59.9	60.7	60.7	60.8	60.9	61.0	61.1
IV 1000	5.8	27.8	35.4	43.1	49.9	54.4	58.3	61.8	63.4	64.6	65.3	65.3	65.4	65.6	65.7	65.8
IV 900	5.8	28.4	36.1	43.8	50.6	55.1	59.1	62.6	64.2	65.3	66.1	66.1	66.2	66.3	66.4	66.6
IV 800	6.0	30.6	38.3	46.7	53.7	58.6	62.6	66.4	68.1	69.2	70.0	70.0	70.1	70.2	70.3	70.4
IV 700	6.0	30.7	38.4	46.9	54.2	59.2	63.4	67.4	69.1	70.2	71.0	71.0	71.1	71.2	71.3	71.4
IV 6000	6.0	31.1	39.6	48.1	55.4	60.4	64.7	68.7	70.3	71.4	72.2	72.2	72.3	72.4	72.6	72.7
IV 5000	6.0	31.4	40.1	48.7	56.1	61.1	65.6	69.6	71.2	72.3	73.1	73.1	73.2	73.3	73.4	73.6
IV 4500	6.1	31.7	40.7	49.6	57.0	62.0	66.4	70.4	72.2	73.3	74.1	74.1	74.2	74.3	74.4	74.6
IV 4000	6.2	32.0	41.1	50.2	57.7	62.7	67.2	71.2	73.0	74.1	74.9	74.9	75.0	75.1	75.2	75.3
IV 3500	6.2	32.4	41.6	50.8	58.6	63.6	68.1	72.1	73.9	75.0	75.8	75.8	75.9	76.0	76.1	76.2
IV 3000	6.3	32.8	41.9	51.3	59.3	64.4	69.1	73.1	74.9	76.0	76.8	76.8	76.9	77.0	77.1	77.2
IV 2500	6.4	33.2	42.3	51.9	59.9	65.0	69.8	73.8	75.6	76.7	77.4	77.4	77.6	77.7	77.8	77.9
IV 2000	6.6	33.9	43.0	52.8	60.9	66.0	70.8	74.8	76.6	77.7	78.4	78.4	78.6	78.7	78.8	78.9
IV 1800	6.6	34.0	43.1	52.9	61.1	66.2	71.0	75.0	76.8	77.9	78.7	78.7	78.8	78.9	79.0	79.1
IV 1500	6.9	35.0	44.1	54.0	62.2	67.4	72.3	76.3	78.1	79.2	80.0	80.0	80.1	80.2	80.3	80.4
IV 1200	7.9	36.7	45.9	55.9	64.1	69.3	74.3	78.3	80.1	81.2	82.0	82.0	82.1	82.2	82.3	82.4
IV 1000	7.9	37.6	46.9	56.9	65.2	70.4	75.7	79.7	81.4	82.6	83.3	83.3	83.4	83.6	83.7	83.8
IV 900	7.9	38.1	47.4	57.6	66.0	71.3	76.6	80.7	82.4	83.6	84.3	84.3	84.4	84.6	84.7	84.8
IV 800	8.0	39.0	48.4	58.7	67.3	72.8	78.2	82.3	84.1	85.2	86.0	86.0	86.1	86.2	86.3	86.4
IV 700	8.0	39.4	49.3	60.1	69.1	74.7	80.2	84.4	86.2	87.3	88.1	88.1	88.2	88.3	88.4	88.6
IV 600	8.0	40.0	50.1	61.3	70.9	76.6	82.3	86.7	88.4	89.6	90.4	90.4	90.6	90.7	90.8	90.9
IV 500	8.1	40.3	51.0	62.3	72.2	78.1	84.6	88.9	91.0	92.2	93.3	93.3	93.4	93.6	93.7	93.8
IV 400	8.1	40.3	51.2	63.1	73.4	79.4	86.2	90.8	93.0	94.2	95.4	95.4	95.6	95.8	95.9	96.1
IV 300	8.1	40.3	51.2	63.1	73.4	79.6	86.7	91.4	93.9	95.4	97.0	97.0	97.2	97.4	97.6	97.9
IV 200	8.1	40.3	51.2	63.1	73.6	79.7	86.9	91.7	94.3	95.9	97.7	97.7	98.0	98.3	98.7	99.2
IV 100	8.1	40.3	51.2	63.1	73.6	79.7	86.9	91.7	94.3	95.9	97.8	97.8	98.1	98.4	98.8	99.6
IV 0	8.1	40.3	51.2	63.1	73.6	79.7	86.9	91.7	94.3	95.9	97.8	97.8	98.1	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723374

COLUMBUS AFB MS

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥¼	≥0	
NO CEILING	15.9	44.0	47.3	49.0	50.0	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	17.4	48.4	52.0	54.0	55.0	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 18000	17.7	48.8	52.3	54.3	55.3	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 16000	18.1	49.7	53.2	55.2	56.2	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 14000	18.6	51.0	54.7	56.7	57.7	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 12000	19.6	53.0	57.0	59.2	60.4	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 10000	20.2	56.0	60.1	62.7	63.9	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 9000	20.2	56.1	60.3	63.0	64.2	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 8000	21.2	58.1	62.7	65.8	67.2	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 7000	21.2	58.6	63.2	66.3	67.9	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 6000	21.3	58.9	63.6	66.7	68.2	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 5000	21.3	58.9	63.6	66.8	68.4	68.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 4500	21.4	59.0	63.7	67.0	68.8	69.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 4000	21.6	59.4	64.2	67.8	69.6	70.0	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 3500	21.7	60.3	65.1	68.7	70.9	71.3	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 3000	22.1	61.6	66.6	70.2	72.7	73.1	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 2500	22.9	63.6	68.6	72.2	74.7	75.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 2000	23.1	64.4	69.6	73.2	75.7	76.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 1800	23.3	65.0	70.1	73.8	76.4	77.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 1500	25.3	69.7	75.2	79.9	82.8	83.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 1200	26.6	73.1	78.9	83.6	86.4	87.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 1000	26.7	74.6	80.6	85.3	88.3	89.1	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 900	26.8	75.1	81.3	86.4	89.4	90.2	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 800	27.0	76.0	82.2	87.7	90.9	91.8	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 700	27.0	77.2	83.7	89.1	92.4	93.3	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 600	27.0	77.6	84.0	90.2	93.7	94.7	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
IV 500	27.0	77.8	84.4	90.8	94.3	95.4	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
IV 400	27.0	77.8	84.4	90.9	94.6	95.8	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV 300	27.0	77.8	84.4	91.0	94.7	95.9	98.3	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	27.0	77.8	84.4	91.0	94.7	95.9	98.3	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	27.0	77.8	84.4	91.0	94.7	95.9	98.3	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	27.0	77.8	84.4	91.0	94.7	95.9	98.3	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (L.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	27.2	46.1	46.8	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 2000	31.9	53.4	54.6	55.0	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IN 18000	32.2	53.8	54.9	55.3	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IN 6000	32.6	54.3	55.4	55.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IN 14000	34.2	56.3	57.4	57.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IN 2000	35.3	58.7	59.8	60.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IN 12000	37.0	62.9	64.3	64.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IN 9000	37.2	63.1	64.6	65.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IN 8000	39.1	66.4	68.1	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IN 7000	39.4	67.3	69.0	69.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IN 6000	39.6	67.6	69.2	70.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IN 5000	40.0	68.4	70.1	70.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IN 4500	40.2	68.9	70.7	71.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IN 4000	41.2	71.6	73.3	74.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IN 3500	43.2	74.0	75.8	76.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IN 3000	44.8	78.2	80.3	81.1	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IN 2500	47.1	81.7	83.8	84.6	85.8	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IN 2000	48.9	84.6	86.8	88.0	89.3	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IN 1800	49.1	84.9	87.1	88.3	89.7	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IN 1500	50.0	87.3	89.8	91.2	92.7	93.3	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
IN 1200	50.2	88.4	91.0	92.6	94.1	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
IN 1000	50.2	88.8	91.4	93.1	95.1	96.1	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6
IN 900	50.4	89.6	92.3	94.2	96.6	97.6	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
IN 800	50.4	90.1	93.0	94.9	97.3	98.3	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IN 700	50.4	90.2	93.1	95.0	97.4	98.4	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
IN 600	50.4	90.6	93.4	95.3	98.0	99.0	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IN 500	50.4	90.7	93.6	95.4	98.1	99.2	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IN 400	50.4	90.7	93.6	95.7	98.3	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IN 300	50.4	90.7	93.6	95.7	98.3	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IN 200	50.4	90.7	93.6	95.7	98.3	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IN 100	50.4	90.7	93.6	95.7	98.3	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IN 0	50.4	90.7	93.6	95.7	98.3	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	30.6	50.3	50.9	51.2	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	37.9	62.2	63.0	63.4	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	37.9	62.5	63.3	63.6	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	38.3	63.0	63.9	64.3	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 14000	39.1	65.0	65.9	66.3	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	40.1	68.3	69.2	69.5	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	43.2	73.1	74.1	74.6	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9500	43.4	73.5	74.5	75.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	45.2	76.3	77.4	78.2	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	45.5	77.4	78.6	79.4	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	45.7	77.8	79.1	79.8	80.3	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	46.3	78.6	79.8	80.6	81.1	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	46.3	79.3	80.5	81.3	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	47.2	81.1	82.3	83.1	83.5	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	48.3	83.1	84.4	85.2	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	48.9	85.1	86.5	87.8	88.5	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	49.4	86.1	87.5	88.8	89.5	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	49.8	87.1	88.6	90.0	90.9	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	49.9	87.8	89.4	90.8	91.6	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	50.1	88.6	91.0	92.9	94.3	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	50.3	89.2	91.8	93.7	95.2	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	50.7	89.8	92.4	94.5	96.3	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	50.7	90.0	92.7	94.9	96.7	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	50.7	90.3	93.1	95.4	97.4	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	50.7	90.3	93.1	95.4	97.4	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	50.7	90.3	93.3	95.7	97.7	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	50.7	90.3	93.3	95.7	97.7	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	50.7	90.3	93.3	95.7	97.7	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	50.7	90.3	93.3	95.7	97.7	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	50.7	90.3	93.3	95.7	97.7	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	50.7	90.3	93.3	95.7	97.7	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	50.7	90.3	93.3	95.7	97.7	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 J6

COLUMBUS AFB MS

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1900-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	23.3	54.6	56.0	57.0	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 20000	26.4	63.1	65.2	66.3	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 18000	26.4	63.1	65.2	66.3	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 6000	26.7	63.4	65.6	66.7	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 14000	27.4	65.2	67.6	68.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 12000	28.8	67.6	70.1	71.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 10000	29.3	70.2	73.3	75.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 9000	29.6	70.9	74.0	75.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 8000	31.3	74.2	77.6	79.4	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 7000	31.6	75.7	79.0	81.0	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 6000	31.6	75.9	79.2	81.2	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 5000	31.9	76.6	80.0	82.0	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 4500	32.1	77.3	80.8	82.8	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4000	32.2	78.4	81.9	83.9	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 3500	32.7	79.1	82.7	84.7	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 3000	33.0	81.1	84.9	87.0	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	33.4	81.9	85.9	88.1	90.8	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 2000	33.7	82.7	86.9	89.1	91.8	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1800	33.8	82.9	87.2	89.7	92.3	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500	34.1	83.8	88.6	91.2	94.4	94.7	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1200	34.2	84.4	89.3	92.0	95.2	95.4	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000	34.4	84.8	90.1	92.9	96.1	96.3	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	34.4	84.8	90.1	92.9	96.1	96.3	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 800	34.4	84.9	90.3	93.1	96.4	96.7	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 700	34.4	84.9	90.3	93.2	96.7	96.9	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	34.4	85.4	90.9	94.0	97.6	97.8	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	34.4	85.4	90.9	94.1	97.8	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	34.4	85.7	91.1	94.3	98.0	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	34.4	85.8	91.2	94.4	98.1	98.3	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	34.4	85.8	91.2	94.6	98.2	98.4	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	34.4	85.8	91.2	94.6	98.2	98.4	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	34.4	85.8	91.2	94.6	98.2	98.4	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0233 6 COLUMBUS AFB MS

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	14.8	56.4	61.1	63.2	64.3	64.4	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
≥ 20000	16.4	61.4	66.4	68.8	70.2	70.3	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6
IV 18000	17.1	62.2	67.2	69.6	71.0	71.1	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3
IV 16000	17.8	63.1	68.1	70.4	71.9	72.0	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2
IV 14000	18.1	63.7	68.7	71.3	72.9	73.0	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2
IV 12000	18.6	65.8	70.9	73.7	75.2	75.3	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6
IV 10000	18.9	68.3	73.8	76.6	78.7	78.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1
IV 9000	19.0	69.4	74.9	77.7	79.8	79.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
IV 8000	19.7	72.1	77.8	80.8	83.1	83.2	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9
IV 7000	19.7	72.9	78.7	81.7	84.0	84.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8
IV 6000	20.0	73.6	79.3	82.3	84.7	84.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4
IV 5000	20.3	74.8	80.7	83.8	86.1	86.2	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9
IV 4500	20.3	75.2	81.1	84.2	86.6	86.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3
IV 4000	20.4	76.1	82.0	85.2	87.6	87.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3
IV 3500	20.4	76.7	82.6	85.8	88.4	88.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2
IV 3000	20.4	77.1	83.2	86.4	89.2	89.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
IV 2500	21.1	78.2	84.4	87.7	90.4	90.6	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2
IV 2000	21.2	78.8	85.0	88.3	91.3	91.4	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
IV 1800	21.2	78.8	85.0	88.6	91.8	91.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6
IV 1500	21.2	79.2	85.7	89.4	92.9	93.0	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7
IV 1200	21.2	80.1	86.6	90.3	93.8	93.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7
IV 1000	21.2	80.3	86.8	90.8	94.3	94.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
IV 900	21.2	80.3	86.9	90.9	94.4	94.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
IV 800	21.2	80.3	86.9	90.9	94.4	94.7	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
IV 700	21.2	80.7	87.2	91.2	94.8	95.0	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
IV 600	21.2	80.7	87.3	91.3	95.0	95.2	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
IV 500	21.2	81.0	87.8	91.8	96.0	96.2	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
IV 400	21.2	81.2	88.1	92.1	96.4	96.7	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 300	21.2	81.3	88.2	92.2	96.6	96.8	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV 200	21.2	81.4	88.3	92.4	96.8	97.1	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 100	21.2	81.4	88.4	92.6	96.9	97.2	98.9	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	21.2	81.4	88.4	92.6	96.9	97.2	98.9	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1203 6
 STATION

COLUMBUS AFB MS
 STATION NAME

69-70,73-80
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥5/16	≥1/8	≥0
NO CEILING	15.9	43.2	47.2	50.1	52.7	53.4	54.7	55.4	55.6	55.9	56.0	56.0	56.0	56.1	56.1	56.0
≥ 20000	18.3	48.7	53.3	56.6	59.3	60.2	61.4	62.2	62.4	62.7	62.9	62.9	62.9	62.9	62.9	63.0
≥ 18000	18.5	49.0	53.7	57.0	59.8	60.6	61.9	62.6	62.9	63.1	63.3	63.3	63.3	63.3	63.4	63.4
≥ 16000	18.8	49.6	54.3	57.6	60.4	61.2	62.5	63.2	63.5	63.8	63.9	63.9	64.0	64.0	64.0	64.1
≥ 14000	19.4	50.9	55.7	59.1	62.0	62.8	64.1	64.8	65.1	65.4	65.5	65.5	65.6	65.6	65.7	65.7
≥ 12000	20.1	52.6	57.6	61.1	64.1	65.0	66.3	67.1	67.4	67.7	67.8	67.8	67.9	67.9	67.9	68.0
≥ 10000	20.9	55.6	60.9	64.7	67.9	68.9	70.4	71.2	71.5	71.8	71.9	71.9	72.0	72.0	72.0	72.1
≥ 9000	21.0	56.2	61.6	65.3	68.6	69.6	71.1	71.8	72.1	72.5	72.6	72.6	72.7	72.7	72.7	72.8
≥ 8000	22.0	58.5	64.3	68.3	71.8	72.9	74.4	75.2	75.5	75.8	76.0	76.0	76.0	76.0	76.1	76.2
≥ 7000	22.1	59.4	65.2	69.3	73.0	74.0	75.6	76.5	76.8	77.1	77.2	77.2	77.3	77.3	77.3	77.4
≥ 6000	22.2	59.8	65.7	69.9	73.6	74.7	76.2	77.1	77.4	77.7	77.8	77.8	77.9	77.9	78.0	78.0
≥ 5000	22.4	60.5	66.6	70.8	74.5	75.6	77.3	78.1	78.4	78.7	78.9	78.9	79.0	79.0	79.0	79.1
≥ 4500	22.5	60.9	67.1	71.3	75.1	76.2	77.9	78.7	79.0	79.3	79.5	79.5	79.6	79.6	79.6	79.7
≥ 4000	22.8	61.7	68.1	72.5	76.2	77.4	79.1	79.9	80.2	80.6	80.7	80.7	80.8	80.8	80.8	80.9
≥ 3500	23.3	62.9	69.1	73.5	77.5	78.6	80.4	81.2	81.5	81.8	82.0	82.0	82.1	82.1	82.1	82.2
≥ 3000	23.7	64.2	70.7	75.2	79.4	80.6	82.4	83.2	83.6	83.9	84.0	84.0	84.1	84.1	84.1	84.2
≥ 2500	24.3	65.4	72.0	76.5	80.8	82.0	83.9	84.7	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	24.7	66.4	73.0	77.7	82.1	83.4	85.3	86.1	86.5	86.8	87.0	87.0	87.0	87.0	87.1	87.2
≥ 1800	24.8	66.7	73.4	78.2	82.6	83.9	85.8	86.6	87.0	87.3	87.5	87.5	87.5	87.5	87.6	87.7
≥ 1500	25.3	68.2	75.2	80.3	85.0	86.2	88.2	89.1	89.4	89.7	89.9	89.9	89.9	89.9	90.0	90.1
≥ 1200	25.7	69.4	76.6	81.7	86.4	87.7	89.7	90.6	90.9	91.3	91.4	91.4	91.5	91.5	91.5	91.6
≥ 1000	25.8	70.1	77.4	82.6	87.5	88.9	91.0	91.9	92.2	92.6	92.7	92.7	92.8	92.8	92.8	92.9
≥ 900	25.9	70.5	77.8	83.2	88.2	89.6	91.7	92.6	93.0	93.3	93.5	93.5	93.5	93.5	93.6	93.7
≥ 800	25.9	70.9	78.3	83.8	88.9	90.4	92.6	93.6	93.9	94.3	94.4	94.4	94.5	94.5	94.5	94.6
≥ 700	26.0	71.3	78.8	84.4	89.7	91.2	93.4	94.4	94.8	95.1	95.3	95.3	95.3	95.4	95.4	95.5
≥ 600	26.0	71.7	79.3	85.1	90.6	92.1	94.4	95.4	95.8	96.2	96.3	96.3	96.4	96.5	96.5	96.6
≥ 500	26.0	72.0	79.8	85.8	91.5	93.1	95.5	96.6	97.0	97.4	97.6	97.6	97.7	97.7	97.7	97.8
≥ 400	26.0	72.1	80.0	86.1	91.9	93.6	96.1	97.3	97.7	98.1	98.3	98.3	98.4	98.5	98.5	98.6
≥ 300	26.0	72.1	80.0	86.1	92.0	93.7	96.3	97.6	98.1	98.6	98.8	98.8	99.0	99.0	99.0	99.2
≥ 200	26.0	72.1	80.1	86.2	92.1	93.8	96.6	97.9	98.4	98.9	99.2	99.2	99.4	99.4	99.5	99.7
≥ 100	26.0	72.1	80.1	86.3	92.2	93.9	96.6	97.9	98.5	99.0	99.3	99.3	99.5	99.5	99.6	99.9
≥ 0	26.0	72.1	80.1	86.3	92.2	93.9	96.6	97.9	98.5	99.0	99.3	99.3	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7194

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-2400
 HOURS (L.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	18.4	60.3	65.4	67.5	68.8	69.2	69.7	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2
≥ 20000	19.5	63.1	68.5	70.8	72.2	72.6	73.0	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.9
≥ 18000	19.6	63.3	68.7	71.0	72.4	72.8	73.2	73.5	73.7	73.7	73.8	73.8	73.8	73.8	74.1
≥ 16000	19.7	63.4	68.8	71.1	72.5	72.9	73.3	73.7	73.8	73.8	73.9	73.9	73.9	73.9	74.2
≥ 14000	20.0	63.9	69.6	71.8	73.2	73.7	74.1	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.9
≥ 12000	20.8	65.4	71.1	73.3	74.7	75.2	75.6	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.5
≥ 10000	20.9	67.5	73.3	75.6	77.0	77.4	78.0	78.5	78.6	78.6	78.7	78.7	78.7	78.7	79.0
≥ 9000	20.9	67.6	73.4	75.7	77.4	77.8	78.4	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.5
≥ 8000	21.2	69.0	75.1	77.5	79.4	79.8	80.3	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.4
≥ 7000	21.2	70.1	76.2	78.7	80.5	81.0	81.5	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.7
≥ 6000	21.2	70.6	77.0	79.5	81.3	81.7	82.3	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.4
≥ 5000	21.2	71.7	78.3	81.0	83.2	83.7	84.2	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.4
≥ 4500	21.2	72.6	79.2	81.9	84.5	84.9	85.5	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.7
≥ 4000	21.2	73.1	79.8	82.5	85.2	85.6	86.1	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.3
≥ 3500	21.3	73.3	80.0	82.7	85.4	85.8	86.3	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.5
≥ 3000	21.3	74.6	81.4	84.1	87.0	87.4	88.0	88.6	88.7	88.7	88.8	88.8	88.8	88.8	89.1
≥ 2500	21.5	75.9	82.8	85.6	88.6	89.0	89.6	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.8
≥ 2000	21.5	76.7	83.5	86.3	89.4	89.8	90.6	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.9
≥ 1800	21.5	76.9	83.8	86.7	89.7	90.1	91.0	91.6	91.8	91.8	91.9	91.9	91.9	91.9	92.3
≥ 1500	21.5	77.6	84.5	87.4	90.5	91.1	91.9	92.6	92.8	92.8	92.9	92.9	92.9	92.9	93.2
≥ 1200	21.5	78.2	85.4	88.4	91.5	92.0	93.0	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.3
≥ 1000	21.5	78.8	86.5	89.5	92.7	93.2	94.4	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.7
≥ 900	21.5	79.8	87.5	90.8	94.0	94.5	95.8	96.5	96.7	96.7	96.8	96.8	96.8	96.8	97.1
≥ 800	21.5	79.8	87.6	91.0	94.6	95.2	96.5	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.7
≥ 700	21.5	79.8	87.6	91.0	94.8	95.6	97.1	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.4
≥ 600	21.5	79.8	87.6	91.3	95.3	96.1	97.6	98.4	98.6	98.6	98.7	98.7	98.7	98.7	99.0
≥ 500	21.5	79.8	87.7	91.4	95.5	96.3	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.7
≥ 400	21.5	79.8	87.7	91.4	95.5	96.5	98.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.8
≥ 300	21.5	79.8	87.7	91.5	95.6	96.6	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.9
≥ 200	21.5	79.8	87.7	91.5	95.6	96.6	98.2	99.2	99.5	99.5	99.7	99.7	99.7	99.7	100.0
≥ 100	21.5	79.8	87.7	91.5	95.6	96.6	98.2	99.2	99.5	99.5	99.7	99.7	99.7	99.7	100.0
≥ 0	21.5	79.8	87.7	91.5	95.6	96.6	98.2	99.2	99.5	99.5	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING	11.9	47.4	56.3	61.4	64.5	65.5	66.3	66.9	67.1	67.4	67.4	67.4	67.4	67.5	67.5	67.6	68.0
≥ 20000	12.5	49.9	58.9	64.2	67.7	68.7	69.7	70.2	70.4	70.8	70.8	70.8	70.8	70.9	70.9	71.1	71.6
≥ 18000	12.5	50.1	59.1	64.4	68.0	68.9	69.9	70.4	70.6	71.0	71.0	71.0	71.0	71.1	71.1	71.3	71.8
≥ 16000	12.6	50.4	59.5	64.7	68.4	69.4	70.3	70.9	71.1	71.4	71.4	71.4	71.4	71.5	71.5	71.7	72.3
≥ 14000	12.8	50.8	59.8	65.1	68.7	69.7	70.6	71.2	71.4	71.7	71.7	71.7	71.7	71.8	71.8	72.0	72.6
≥ 12000	12.9	52.0	61.2	66.6	70.2	71.2	72.2	72.7	72.9	73.2	73.2	73.2	73.2	73.3	73.3	73.5	74.1
≥ 10000	13.0	54.0	63.2	68.9	72.7	73.8	74.8	75.4	75.6	75.9	75.9	75.9	75.9	76.0	76.0	76.2	76.8
≥ 9000	13.0	54.3	63.7	69.4	73.2	74.3	75.4	75.9	76.1	76.5	76.5	76.5	76.5	76.6	76.6	76.8	77.3
≥ 8000	13.7	55.7	65.2	71.0	75.2	76.3	77.4	78.0	78.2	78.5	78.5	78.5	78.5	78.6	78.6	78.8	79.4
≥ 7000	13.7	56.1	65.6	71.8	76.1	77.3	78.4	78.9	79.1	79.5	79.5	79.5	79.5	79.6	79.6	79.8	80.3
≥ 6000	13.7	56.6	66.1	72.4	76.7	77.8	78.9	79.5	79.7	80.0	80.0	80.0	80.0	80.1	80.1	80.3	80.9
≥ 5000	13.7	56.9	66.9	73.1	77.4	78.6	79.7	80.2	80.4	80.8	80.8	80.8	80.8	80.9	80.9	81.1	81.6
≥ 4500	13.7	57.5	67.7	74.1	78.4	79.6	80.6	81.2	81.4	81.7	81.7	81.7	81.7	81.8	81.8	82.0	82.6
≥ 4000	13.7	58.2	68.4	74.8	79.2	80.4	81.5	82.0	82.3	82.6	82.6	82.6	82.6	82.7	82.7	82.9	83.4
≥ 3500	13.7	58.5	68.8	75.4	79.8	81.0	82.0	82.6	82.8	83.1	83.1	83.1	83.1	83.2	83.2	83.4	84.0
≥ 3000	13.8	59.5	69.9	76.5	80.9	82.0	83.1	83.7	83.9	84.2	84.2	84.2	84.2	84.3	84.3	84.5	85.1
≥ 2500	13.8	60.1	70.5	77.5	81.9	83.2	84.4	84.9	85.4	85.7	85.7	85.7	85.7	85.8	85.8	86.0	86.6
≥ 2000	13.8	61.5	72.0	79.5	84.0	85.5	86.9	87.4	87.8	88.2	88.3	88.3	88.3	88.4	88.4	88.6	89.1
≥ 1800	13.8	62.2	72.7	80.1	84.6	86.1	87.6	88.2	88.6	88.9	89.0	89.0	89.0	89.1	89.1	89.4	89.9
≥ 1500	13.8	62.5	73.3	81.0	86.0	87.6	89.2	89.8	90.2	90.5	90.6	90.6	90.6	90.8	90.8	91.0	91.5
≥ 1200	13.8	63.7	74.8	82.8	88.0	89.6	91.4	91.9	92.4	92.7	92.8	92.8	92.8	92.9	92.9	93.1	93.7
≥ 1000	13.8	64.6	76.0	84.1	89.4	91.0	93.1	93.7	94.1	94.4	94.5	94.5	94.5	94.6	94.6	94.8	95.4
≥ 900	13.8	64.8	76.2	84.6	89.9	91.6	94.1	94.6	95.1	95.4	95.5	95.5	95.5	95.6	95.6	95.8	96.3
≥ 800	13.8	64.8	76.3	84.8	90.2	92.0	94.6	95.2	95.7	96.0	96.1	96.1	96.1	96.2	96.2	96.5	97.0
≥ 700	13.8	64.8	76.3	84.9	90.3	92.2	94.7	95.3	95.9	96.2	96.3	96.3	96.3	96.5	96.5	96.7	97.2
≥ 600	13.8	64.9	76.5	85.5	90.9	92.7	95.4	95.9	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.3	97.8
≥ 500	13.8	65.1	76.6	85.8	91.4	93.3	96.2	96.8	97.4	97.7	97.8	97.8	97.8	98.0	98.0	98.2	98.7
≥ 400	13.8	65.1	76.6	86.0	91.7	93.7	96.6	97.2	97.8	98.2	98.3	98.3	98.3	98.4	98.4	98.6	99.1
≥ 300	13.8	65.1	76.6	86.0	91.7	93.7	96.6	97.3	98.0	98.3	98.4	98.4	98.4	98.6	98.6	98.8	99.4
≥ 200	13.8	65.1	76.6	86.0	91.7	93.7	96.6	97.7	98.4	98.7	98.8	98.8	98.8	99.0	99.1	99.5	100.0
≥ 100	13.8	65.1	76.6	86.0	91.7	93.7	96.6	97.7	98.4	98.7	98.8	98.8	98.8	99.0	99.1	99.5	100.0
≥ 0	13.8	65.1	76.6	86.0	91.7	93.7	96.6	97.7	98.4	98.7	98.8	98.8	98.8	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	12.7	34.9	41.7	47.5	52.3	54.4	56.0	57.0	57.4	57.7	58.0	58.1	58.3	58.3	58.4	58.7
≥ 20000	13.3	36.9	44.3	50.6	55.6	57.8	59.6	60.9	61.6	61.9	62.2	62.4	62.6	62.6	62.8	63.1
IV 18000	13.3	36.9	44.3	50.6	55.6	57.8	59.6	60.9	61.6	61.9	62.2	62.4	62.6	62.6	62.8	63.1
IV 16000	13.4	37.1	44.5	50.9	55.8	58.1	59.8	61.1	61.8	62.2	62.4	62.6	62.8	62.8	63.0	63.3
IV 14000	13.5	37.4	44.9	51.3	56.3	58.6	60.3	61.6	62.4	62.7	62.9	63.1	63.3	63.3	63.5	63.9
IV 12000	13.7	38.6	46.2	52.8	57.8	60.1	61.8	63.1	63.9	64.2	64.4	64.6	64.8	64.8	65.1	65.4
IV 10000	13.9	40.5	48.2	54.9	60.0	62.3	64.0	65.6	66.3	66.7	66.9	67.1	67.3	67.3	67.5	67.8
IV 9000	14.0	41.1	48.8	55.7	60.8	63.0	64.7	66.3	67.1	67.4	67.6	67.8	68.1	68.1	68.3	68.6
IV 8000	14.1	42.6	50.5	57.7	63.0	65.3	67.1	68.7	69.5	69.8	70.0	70.2	70.4	70.4	70.6	71.0
IV 7000	14.2	44.1	52.5	59.9	65.7	68.0	69.8	71.4	72.3	72.6	72.8	73.0	73.2	73.2	73.4	73.8
IV 6000	14.3	44.5	52.9	60.4	66.5	68.7	71.0	72.6	73.5	73.9	74.1	74.3	74.5	74.5	74.7	75.1
IV 5000	14.3	44.8	53.2	60.8	67.0	69.4	71.7	73.3	74.3	74.6	74.8	75.1	75.3	75.3	75.5	75.8
IV 4500	14.7	45.5	53.9	61.4	67.6	70.0	72.4	74.0	75.1	75.4	75.6	75.8	76.0	76.0	76.2	76.6
IV 4000	14.8	46.2	54.7	62.3	68.6	71.0	73.3	74.9	76.0	76.3	76.6	76.8	77.0	77.0	77.2	77.5
IV 3500	14.8	46.7	55.3	62.9	69.4	71.7	74.1	75.7	76.8	77.1	77.3	77.5	77.7	77.7	78.0	78.3
IV 3000	15.1	47.4	56.0	63.7	70.1	72.5	74.8	76.5	77.5	77.8	78.1	78.3	78.5	78.5	78.7	79.0
IV 2500	15.1	48.0	56.7	64.5	71.2	73.5	75.9	77.5	78.6	78.9	79.1	79.4	79.6	79.6	79.8	80.1
IV 2000	15.4	48.8	57.7	65.8	72.7	75.4	77.7	79.4	80.4	80.8	81.0	81.2	81.4	81.4	81.6	81.9
IV 1800	15.4	49.6	58.5	66.6	73.5	76.2	78.6	80.2	81.3	81.6	81.8	82.0	82.3	82.3	82.5	82.8
IV 1500	15.5	51.1	60.1	68.4	76.2	78.9	81.3	83.0	84.1	84.4	84.6	84.8	85.1	85.1	85.3	85.6
IV 1200	15.8	52.0	61.1	69.7	77.6	80.3	83.0	84.8	85.9	86.3	86.6	86.8	87.0	87.0	87.2	87.5
IV 1000	16.1	53.1	62.5	71.6	79.9	82.7	85.7	88.0	89.0	89.5	89.8	90.0	90.2	90.2	90.4	90.8
IV 900	16.1	53.2	62.7	71.8	80.3	83.3	86.5	88.7	89.8	90.2	90.5	90.8	91.0	91.0	91.2	91.5
IV 800	16.2	54.0	63.9	73.7	82.2	85.2	88.5	90.8	91.8	92.4	92.7	92.9	93.1	93.1	93.3	93.7
IV 700	16.3	54.4	64.4	74.3	83.0	86.0	89.4	91.6	92.7	93.3	93.7	93.9	94.1	94.1	94.3	94.6
IV 600	16.3	54.4	64.6	74.5	83.3	86.5	90.1	92.5	93.5	94.2	94.6	94.8	95.1	95.1	95.3	95.6
IV 500	16.3	54.4	64.7	75.2	84.3	87.5	91.4	93.9	94.9	95.6	96.0	96.2	96.5	96.5	96.7	97.0
IV 400	16.3	54.6	64.9	75.6	84.9	88.2	92.3	94.8	96.0	96.7	97.1	97.3	97.5	97.5	97.7	98.1
IV 300	16.3	54.6	64.9	75.6	84.9	88.2	92.4	94.9	96.1	96.9	97.6	98.0	98.3	98.3	98.5	98.8
IV 200	16.3	54.6	64.9	75.6	84.9	88.2	92.4	95.1	96.2	97.1	97.8	98.2	98.7	98.8	99.0	99.4
IV 100	16.3	54.6	64.9	75.6	84.9	88.2	92.4	95.1	96.2	97.2	98.0	98.3	98.8	98.9	99.1	99.9
IV 0	16.3	54.6	64.9	75.6	84.9	88.2	92.4	95.1	96.2	97.2	98.0	98.3	98.8	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

J900-1100
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	33.2	59.4	61.1	61.5	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	35.3	63.7	65.7	66.1	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	35.4	64.0	66.0	66.5	67.0	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	35.4	64.0	66.1	66.6	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	35.8	64.6	66.8	67.2	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000	36.7	65.9	68.1	68.5	69.0	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	37.0	68.2	70.3	70.8	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	37.0	68.5	70.8	71.3	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	37.1	70.3	72.8	73.3	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	37.6	71.5	74.0	74.6	75.4	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	37.7	72.2	74.7	75.4	76.3	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	38.1	72.6	75.3	75.9	77.0	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	38.1	72.7	75.4	76.0	77.1	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	38.1	73.4	76.2	76.9	78.1	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3500	38.3	74.4	77.2	77.8	79.0	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	39.1	75.6	78.4	79.0	80.3	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	39.6	76.9	79.8	80.4	81.7	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	40.3	79.1	82.0	82.9	84.2	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	40.6	80.0	82.9	83.8	85.2	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1500	40.9	81.6	84.7	85.7	87.1	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	41.2	83.2	86.6	87.6	89.0	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	41.4	84.9	88.8	90.3	92.3	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 900	41.4	85.8	89.8	91.3	93.2	93.8	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	41.6	86.3	90.4	92.0	94.2	94.7	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	41.9	86.9	91.0	92.6	94.9	95.5	96.0	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	41.9	87.1	91.3	93.4	95.7	96.5	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	41.9	87.4	91.6	94.2	96.7	97.5	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	41.9	87.4	92.0	94.5	97.1	98.0	98.6	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	41.9	87.4	92.0	94.5	97.1	98.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	41.9	87.4	92.0	94.5	97.1	98.0	98.8	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 100	41.9	87.4	92.0	94.5	97.1	98.0	98.8	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	41.9	87.4	92.0	94.5	97.1	98.0	98.8	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

727306

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.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	49.8	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 2000	53.2	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1800	53.2	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	68.5	68.5
≥ 1600	53.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1400	53.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1200	55.3	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	72.4	72.4
≥ 1000	55.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 900	56.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 800	56.8	75.8	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	76.0
≥ 700	57.2	77.0	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	77.4
≥ 600	57.4	77.6	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 500	57.7	78.2	78.6	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
≥ 450	57.8	78.7	79.2	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
≥ 400	58.6	79.8	80.3	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 350	60.2	82.4	82.9	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 300	62.0	85.1	85.6	86.1	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 250	62.7	87.2	87.7	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 200	63.0	88.7	89.4	89.9	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 180	63.5	89.8	90.5	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 150	64.1	92.5	93.4	94.0	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 120	64.2	93.0	94.0	94.7	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 100	64.5	94.8	96.1	97.0	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 90	64.6	95.1	96.3	97.2	97.6	97.7	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 80	64.7	95.8	97.1	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 70	64.7	95.8	97.1	98.2	98.7	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 60	64.7	95.8	97.2	98.4	99.0	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 50	64.7	95.9	97.3	98.7	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	64.7	95.9	97.3	98.7	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	64.7	95.9	97.3	98.7	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	64.7	95.9	97.3	98.7	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	64.7	95.9	97.3	98.7	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	64.7	95.9	97.3	98.7	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 16

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	53.8	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 2000	60.6	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1800	60.8	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1600	61.2	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	73.7	73.7
≥ 1400	61.7	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	74.9
≥ 1200	62.2	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	76.5
≥ 1000	63.0	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 900	63.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 800	64.1	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 700	64.3	81.7	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 600	64.4	82.0	82.6	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 500	64.4	82.6	83.2	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	65.2	83.9	84.5	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	65.6	85.5	86.1	86.3	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	66.5	87.4	88.1	88.3	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	67.2	88.6	89.5	89.7	90.4	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	67.7	89.9	90.9	91.1	91.9	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	68.1	91.3	92.4	92.6	93.4	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	68.1	91.4	92.5	92.7	93.5	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	68.8	92.8	93.9	94.1	94.9	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	68.8	93.5	94.6	94.9	95.8	95.9	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	69.0	94.3	95.4	95.7	96.6	96.7	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	69.0	94.6	95.9	96.2	97.2	97.3	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	69.2	95.2	96.5	96.8	97.7	97.8	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	69.2	95.2	96.5	96.8	97.8	98.0	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	69.4	95.3	96.6	96.9	98.1	98.4	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	69.4	95.3	96.6	96.9	98.2	98.5	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	69.4	95.3	96.6	96.9	98.2	98.5	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	69.4	95.3	96.6	96.9	98.2	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.4	95.3	96.6	96.9	98.2	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.4	95.3	96.6	96.9	98.2	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.4	95.3	96.6	96.9	98.2	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 16

COLUMBUS AFB MS

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	45.0	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2000	46.5	73.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 1800	46.6	74.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 1600	47.0	75.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 1400	47.4	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 1200	47.6	76.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 1000	47.6	77.6	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	78.9
IV 900	47.9	78.3	79.4	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 800	48.0	79.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 700	48.7	81.3	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	82.6
IV 600	48.7	81.4	82.6	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 500	48.8	81.8	83.0	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 450	48.8	82.9	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 400	48.9	83.9	85.1	85.5	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 350	49.1	85.0	86.3	86.7	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 300	49.5	87.4	88.8	89.2	89.6	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 250	49.5	88.4	89.8	90.3	90.7	91.4	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 200	49.5	89.6	91.1	91.7	92.1	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1800	49.5	89.7	91.2	91.8	92.2	92.9	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1500	49.8	91.0	92.5	93.4	94.0	94.6	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1200	49.8	91.2	92.7	93.6	94.3	94.9	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1000	49.8	91.8	93.3	94.3	95.0	95.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	49.8	92.7	94.2	95.2	95.9	96.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	50.2	93.1	94.6	95.9	96.7	97.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	50.2	93.2	94.7	96.0	96.9	97.7	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (L.A.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	32.3	69.6	71.3	71.9	72.5	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
≥ 20000	33.2	73.0	74.9	75.7	76.2	76.3	76.3	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
IV 18000	33.5	73.7	75.6	76.3	76.9	77.0	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
IV 16000	33.7	73.8	75.7	76.5	77.0	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
IV 14000	34.1	74.8	76.8	77.5	78.1	78.2	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
IV 12000	34.4	75.6	77.7	78.5	79.0	79.1	79.1	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
IV 10000	34.9	77.4	79.8	80.6	81.2	81.3	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
IV 9000	35.1	77.8	80.2	81.1	81.6	81.7	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
IV 8000	35.2	79.4	81.7	82.6	83.2	83.3	83.3	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
IV 7000	35.3	80.5	82.9	83.8	84.4	84.5	84.5	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
IV 6000	35.6	81.2	83.5	84.4	85.1	85.2	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4
IV 5000	35.6	81.6	84.2	85.1	85.7	85.8	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
IV 4500	35.6	82.8	85.4	86.2	87.0	87.1	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
IV 4000	35.6	83.1	85.7	86.7	87.5	87.8	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
IV 3500	35.6	83.4	86.0	87.0	87.8	88.3	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
IV 3000	35.7	85.1	88.0	88.9	89.8	90.2	90.5	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8
IV 2500	35.7	86.0	88.9	90.0	91.0	91.8	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
IV 2000	35.7	86.7	89.7	90.8	91.7	92.6	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
IV 1800	35.9	87.0	90.0	91.1	92.0	92.9	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
IV 1500	35.9	87.8	90.9	92.0	93.0	94.0	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
IV 1200	36.0	88.4	91.5	92.8	93.8	94.7	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IV 1000	36.0	88.7	91.9	93.2	94.2	95.3	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
IV 900	36.2	89.8	93.3	94.6	95.6	96.7	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 800	36.5	90.3	94.5	96.0	97.0	98.1	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	36.5	90.3	94.5	96.1	97.1	98.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	36.5	90.3	94.5	96.2	97.2	98.4	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	36.5	90.3	94.5	96.3	97.3	98.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	36.5	90.3	94.5	96.3	97.3	98.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	36.5	90.3	94.5	96.3	97.3	98.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	36.5	90.3	94.5	96.3	97.3	98.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	36.5	90.3	94.5	96.3	97.3	98.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	36.5	90.3	94.5	96.3	97.3	98.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72336

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

HOURLY (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	32.1	58.6	61.7	63.5	64.7	65.2	65.6	65.8	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.2
≥ 20000	34.3	62.6	66.0	67.9	69.2	69.7	70.1	70.4	70.6	70.6	70.7	70.7	70.8	70.8	70.8	71.0
IV 18000	34.4	62.9	66.3	68.2	69.6	70.1	70.5	70.7	70.9	71.0	71.0	71.1	71.1	71.1	71.2	71.3
IV 16000	34.5	63.3	66.7	68.6	69.9	70.5	70.9	71.1	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.7
IV 14000	34.9	64.0	67.5	69.3	70.7	71.2	71.6	71.9	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.5
IV 12000	35.4	65.3	68.8	70.7	72.1	72.6	73.0	73.3	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.9
IV 10000	35.8	67.3	70.9	72.9	74.3	74.8	75.3	75.6	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.2
IV 9000	35.9	67.7	71.3	73.4	74.8	75.4	75.8	76.1	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.7
IV 8000	36.3	69.1	72.9	75.0	76.6	77.1	77.6	77.9	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.5
IV 7000	36.5	70.3	74.1	76.3	78.0	78.6	79.0	79.4	79.5	79.6	79.7	79.7	79.7	79.7	79.8	79.9
IV 6000	36.6	70.8	74.7	76.9	78.7	79.3	79.8	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.7
IV 5000	36.7	71.3	75.3	77.7	79.6	80.2	80.7	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.5	81.6
IV 4500	36.9	72.1	76.2	78.5	80.5	81.1	81.6	82.0	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.6
IV 4000	37.0	72.9	77.1	79.5	81.5	82.1	82.7	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.7
IV 3500	37.4	73.9	78.1	80.5	82.6	83.3	83.9	84.2	84.4	84.5	84.6	84.6	84.6	84.6	84.7	84.8
IV 3000	38.0	75.4	79.7	82.1	84.3	85.0	85.7	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.5	86.7
IV 2500	38.2	76.5	80.9	83.5	85.7	86.5	87.2	87.6	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.2
IV 2000	38.4	77.8	82.2	84.9	87.2	88.1	88.8	89.2	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.9
IV 1800	38.5	78.3	82.8	85.5	87.8	88.6	89.4	89.8	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.4
IV 1500	38.8	79.6	84.2	87.0	89.5	90.4	91.2	91.6	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.3
IV 1200	38.9	80.4	85.1	88.1	90.6	91.5	92.5	92.9	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.6
IV 1000	39.0	81.4	86.3	89.5	92.2	93.1	94.2	94.7	95.0	95.1	95.2	95.2	95.2	95.2	95.3	95.4
IV 900	39.1	82.0	87.0	90.2	93.0	94.0	95.2	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.3	96.4
IV 800	39.2	82.4	87.6	91.0	93.9	94.9	96.1	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.3	97.4
IV 700	39.3	82.6	87.8	91.3	94.2	95.2	96.7	97.2	97.5	97.6	97.7	97.7	97.8	97.8	97.8	98.0
IV 600	39.3	82.6	87.9	91.5	94.6	95.7	97.2	97.8	98.1	98.2	98.3	98.4	98.4	98.4	98.5	98.6
IV 500	39.3	82.7	88.0	91.8	95.0	96.2	97.8	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.2
IV 400	39.3	82.7	88.1	91.9	95.1	96.4	98.0	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.5
IV 300	39.3	82.7	88.1	92.0	95.2	96.4	98.0	98.7	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.7
IV 200	39.3	82.7	88.1	92.0	95.2	96.4	98.1	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.9
IV 100	39.3	82.7	88.1	92.0	95.2	96.4	98.1	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.8	100.0
IV 0	39.3	82.7	88.1	92.0	95.2	96.4	98.1	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	24.6	53.9	56.3	57.7	59.1	59.1	59.7	60.3	60.4	60.9	61.1	61.1	61.4	61.6	61.7	61.9
≥ 20000	25.3	56.2	58.7	60.0	61.4	61.4	62.0	62.7	62.8	63.3	63.6	63.6	63.9	64.0	64.1	64.3
≥ 18000	25.3	56.4	58.9	60.2	61.7	61.7	62.2	63.1	63.2	63.8	64.0	64.0	64.3	64.4	64.6	64.8
≥ 16000	25.6	56.7	59.1	60.4	61.9	61.9	62.6	63.4	63.6	64.1	64.3	64.3	64.7	64.8	64.9	65.1
≥ 14000	25.7	57.0	59.4	60.8	62.2	62.2	62.9	63.8	63.9	64.4	64.7	64.7	65.0	65.1	65.2	65.4
≥ 12000	26.1	58.1	60.6	61.9	63.3	63.3	64.0	64.9	65.0	65.6	65.8	65.8	66.1	66.2	66.3	66.6
≥ 10000	26.4	59.2	61.8	63.1	64.6	64.6	65.2	66.1	66.2	66.8	67.0	67.0	67.3	67.4	67.6	67.8
≥ 9000	26.7	59.8	62.3	63.8	65.2	65.2	65.9	66.8	66.9	67.4	67.7	67.7	68.0	68.1	68.2	68.4
≥ 8000	27.4	61.2	63.8	65.2	66.7	66.7	67.7	68.6	68.7	69.2	69.4	69.4	69.8	69.9	70.0	70.2
≥ 7000	27.4	61.7	64.6	66.2	67.7	67.7	68.7	69.6	69.7	70.2	70.4	70.4	70.8	70.9	71.0	71.2
≥ 6000	28.4	63.3	66.4	68.2	69.7	69.7	70.7	71.6	71.7	72.2	72.4	72.4	72.8	72.9	73.0	73.2
≥ 5000	29.1	64.8	67.9	69.7	71.1	71.1	72.1	73.0	73.1	73.7	73.9	73.9	74.2	74.3	74.4	74.7
≥ 4500	29.8	66.9	70.0	72.0	73.7	73.8	74.8	75.7	75.8	76.3	76.7	76.7	77.0	77.1	77.2	77.4
≥ 4000	29.8	68.4	71.7	73.8	75.6	75.7	76.7	77.7	77.8	78.3	78.7	78.7	79.0	79.1	79.2	79.4
≥ 3500	30.4	70.2	73.7	75.8	77.6	77.7	78.7	79.7	79.8	80.3	80.7	80.7	81.0	81.1	81.2	81.4
≥ 3000	30.8	71.7	75.1	77.3	79.4	79.6	80.6	81.6	81.7	82.2	82.6	82.6	82.9	83.0	83.1	83.3
≥ 2500	30.8	72.9	76.3	78.6	80.7	80.8	81.8	82.8	82.9	83.4	83.8	83.8	84.1	84.2	84.3	84.6
≥ 2000	31.3	74.4	78.1	80.3	82.7	82.8	83.8	84.8	84.9	85.4	85.8	85.8	86.1	86.2	86.3	86.6
≥ 1800	31.4	74.8	78.4	80.7	83.1	83.2	84.2	85.2	85.3	85.9	86.2	86.2	86.6	86.7	86.8	87.0
≥ 1500	32.1	76.9	80.7	83.0	85.8	85.9	87.0	88.0	88.1	88.7	89.0	89.0	89.3	89.4	89.6	89.8
≥ 1200	32.1	77.1	81.0	83.3	86.1	86.2	87.3	88.6	88.7	89.3	89.7	89.7	90.0	90.1	90.2	90.4
≥ 1000	32.2	77.8	81.8	84.2	87.4	87.6	88.9	90.2	90.3	91.0	91.3	91.3	91.7	91.8	91.9	92.1
≥ 900	32.2	78.0	82.1	84.9	88.2	88.3	89.8	91.1	91.2	91.9	92.2	92.2	92.6	92.7	92.8	93.0
≥ 800	32.2	78.8	82.9	85.7	89.3	89.4	90.9	92.4	92.6	93.2	93.6	93.6	93.9	94.0	94.1	94.3
≥ 700	32.4	79.2	83.3	86.1	89.8	89.9	91.3	92.9	93.0	93.7	94.0	94.0	94.3	94.4	94.6	94.8
≥ 600	32.6	79.8	83.9	86.8	90.7	90.8	92.2	93.8	93.9	94.6	94.9	94.9	95.2	95.3	95.4	95.7
≥ 500	32.6	79.8	84.0	87.0	91.3	91.6	93.0	94.8	94.9	95.6	95.9	95.9	96.2	96.3	96.4	96.7
≥ 400	32.6	79.9	84.2	87.4	92.0	92.2	93.7	95.7	95.9	96.8	97.1	97.1	97.4	97.6	97.7	97.9
≥ 300	32.6	79.9	84.2	87.4	92.0	92.2	93.8	95.8	96.1	97.1	97.4	97.4	97.9	98.0	98.2	98.4
≥ 200	32.6	79.9	84.2	87.4	92.0	92.2	93.9	95.9	96.4	97.4	97.9	97.9	98.7	98.9	99.1	99.6
≥ 100	32.6	79.9	84.2	87.4	92.0	92.2	93.9	95.9	96.4	97.4	97.9	97.9	98.7	99.1	99.3	100.0
≥ 0	32.6	79.9	84.2	87.4	92.0	92.2	93.9	95.9	96.4	97.4	97.9	97.9	98.7	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (L.A.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	16.7	46.2	50.3	52.4	53.9	54.3	54.9	56.0	56.1	56.2	57.0	57.0	57.2	57.2	57.2	57.7
≥ 20000	16.8	48.0	52.2	54.4	55.9	56.3	56.9	58.0	58.2	58.3	59.1	59.1	59.3	59.3	59.3	59.8
≥ 18000	16.8	48.2	52.4	54.7	56.1	56.6	57.0	58.2	58.4	58.6	59.3	59.3	59.6	59.6	59.6	60.0
≥ 16000	16.9	48.3	52.7	54.9	56.3	56.8	57.3	58.4	58.7	58.8	59.6	59.6	59.8	59.8	59.8	60.2
≥ 14000	17.0	48.7	53.0	55.2	56.7	57.1	57.7	58.8	59.0	59.1	59.9	59.9	60.1	60.1	60.1	60.6
≥ 12000	17.4	50.3	54.9	57.1	58.6	59.0	59.6	60.7	60.9	61.0	61.8	61.8	62.0	62.0	62.0	62.4
≥ 10000	17.4	51.1	55.8	58.0	59.4	59.9	60.4	61.6	61.8	61.9	62.7	62.7	62.9	62.9	62.9	63.3
≥ 9000	17.4	51.3	56.0	58.2	59.7	60.1	60.7	61.8	62.0	62.1	62.9	62.9	63.1	63.1	63.1	63.6
≥ 8000	17.6	52.6	57.6	59.9	61.3	61.9	62.7	63.8	64.0	64.1	64.9	64.9	65.1	65.1	65.1	65.6
≥ 7000	18.2	54.2	59.3	61.7	63.1	63.7	64.4	65.6	65.8	65.9	66.7	66.7	66.9	66.9	66.9	67.3
≥ 6000	18.4	55.0	60.1	62.4	63.9	64.4	65.2	66.3	66.6	66.7	67.4	67.4	67.7	67.7	67.7	68.1
≥ 5000	19.2	57.2	62.7	65.0	66.4	67.0	67.8	68.9	69.1	69.2	70.0	70.0	70.2	70.2	70.2	70.7
≥ 4500	19.7	59.0	64.8	67.3	68.8	69.3	70.1	71.2	71.4	71.6	72.4	72.4	72.7	72.7	72.7	73.1
≥ 4000	19.7	60.6	66.4	69.1	70.8	71.3	72.1	73.2	73.4	73.6	74.4	74.4	74.8	74.8	74.8	75.2
≥ 3500	20.0	62.0	67.9	70.6	72.3	72.9	73.8	74.9	75.1	75.2	76.1	76.2	76.4	76.4	76.4	76.9
≥ 3000	20.0	63.3	69.4	72.1	74.0	74.6	75.4	76.6	76.8	76.9	77.8	77.9	78.1	78.1	78.1	78.6
≥ 2500	20.6	64.3	70.6	73.2	75.1	75.7	76.6	77.7	77.9	78.0	78.9	79.0	79.2	79.2	79.2	79.7
≥ 2000	20.8	66.0	72.4	75.1	77.0	77.6	78.4	79.6	79.8	79.9	80.8	80.9	81.1	81.1	81.1	81.6
≥ 1800	20.8	66.8	73.2	75.9	77.8	78.3	79.2	80.3	80.6	80.7	81.6	81.7	81.9	81.9	81.9	82.3
≥ 1500	21.8	69.0	75.6	78.6	81.0	81.7	82.7	83.8	84.0	84.1	85.0	85.1	85.3	85.3	85.3	85.8
≥ 1200	21.9	70.0	77.1	80.2	82.8	83.6	84.6	85.7	85.9	86.0	86.9	87.1	87.3	87.3	87.3	87.8
≥ 1000	22.0	70.9	78.2	81.6	84.2	85.1	86.2	87.3	87.6	87.7	88.6	88.8	89.0	89.0	89.0	89.4
≥ 900	22.0	71.1	78.4	82.0	84.7	86.0	87.3	88.4	88.7	88.8	89.7	89.9	90.1	90.1	90.1	90.6
≥ 800	22.1	72.0	79.3	82.9	85.6	86.9	88.3	89.8	90.0	90.1	91.0	91.2	91.4	91.4	91.4	91.9
≥ 700	22.1	72.6	80.0	84.1	86.8	88.1	89.6	91.0	91.2	91.3	92.2	92.4	92.7	92.7	92.7	93.1
≥ 600	22.1	72.7	80.1	84.3	87.0	88.3	89.9	91.6	91.9	92.0	92.9	93.1	93.3	93.3	93.3	93.8
≥ 500	22.1	73.0	80.7	85.0	88.0	89.3	91.1	92.9	93.2	93.3	94.2	94.4	94.7	94.7	94.7	95.1
≥ 400	22.1	73.0	80.8	85.2	88.6	90.0	92.0	94.2	94.6	94.7	95.6	95.8	96.0	96.0	96.0	96.4
≥ 300	22.1	73.0	80.8	85.3	88.7	90.3	92.6	94.8	95.3	95.7	96.7	96.9	97.1	97.1	97.1	97.4
≥ 200	22.1	73.0	80.8	85.3	88.7	90.3	92.6	95.0	95.7	96.1	97.1	97.4	97.7	97.7	97.7	98.7
≥ 100	22.1	73.0	80.8	85.3	88.8	90.4	92.7	95.1	95.8	96.2	97.2	97.7	98.1	98.1	98.6	99.6
≥ 0	22.1	73.0	80.8	85.3	88.8	90.4	92.7	95.1	95.8	96.2	97.2	97.7	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72336

COLUMBUS AFB MS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	17.6	36.4	47.1	43.4	46.9	47.9	48.4	48.9	49.6	49.8	49.9	49.9	50.1	50.1	50.1	50.2
≥ 20000	18.1	37.8	41.9	45.3	49.3	50.3	51.0	51.6	52.2	52.6	52.7	52.7	52.9	52.9	52.9	53.0
IV 18000	18.1	37.8	41.9	45.3	49.3	50.3	51.0	51.6	52.2	52.6	52.7	52.7	52.9	52.9	52.9	53.0
IV 16000	18.1	37.8	41.9	45.3	49.3	50.3	51.0	51.6	52.2	52.6	52.7	52.7	52.9	52.9	52.9	53.0
IV 14000	18.1	38.0	42.2	45.7	49.7	50.7	51.3	51.9	52.6	52.9	53.0	53.0	53.2	53.2	53.2	53.3
IV 12000	18.2	38.9	43.3	46.8	50.9	51.9	52.6	53.1	53.8	54.1	54.2	54.2	54.4	54.4	54.4	54.6
IV 10000	18.4	40.6	45.2	48.7	53.0	54.0	54.7	55.3	56.0	56.3	56.4	56.4	56.7	56.7	56.7	56.8
IV 9000	18.8	41.3	46.0	49.4	53.9	54.9	55.6	56.2	56.9	57.2	57.3	57.3	57.6	57.6	57.6	57.7
IV 8000	19.2	43.2	47.9	51.3	55.9	57.0	57.7	58.3	59.0	59.3	59.4	59.4	59.7	59.7	59.7	59.8
IV 7000	19.6	44.2	49.1	52.6	57.1	58.2	58.9	59.6	60.2	60.6	60.7	60.7	61.0	61.0	61.0	61.1
IV 6000	19.7	45.8	50.9	54.4	59.1	60.2	60.9	61.6	62.2	62.6	62.7	62.7	63.0	63.1	63.1	63.2
IV 5000	20.3	48.1	53.4	57.1	62.0	63.3	64.1	65.0	65.7	66.0	66.1	66.1	66.6	66.7	66.7	66.8
IV 4500	21.1	49.3	54.7	58.6	63.6	64.9	65.8	66.7	67.3	67.7	67.8	67.8	68.2	68.3	68.3	68.4
IV 4000	21.7	50.6	56.1	60.1	65.3	66.8	67.8	68.7	69.3	69.7	69.8	69.8	70.2	70.3	70.3	70.4
IV 3500	22.0	52.0	57.8	61.8	67.0	68.4	69.4	70.3	71.0	71.3	71.4	71.4	71.9	72.0	72.0	72.1
IV 3000	22.1	53.4	59.7	63.8	69.1	70.7	71.7	72.6	73.2	73.6	73.7	73.7	74.1	74.2	74.2	74.3
IV 2500	22.9	56.1	62.4	66.8	72.2	73.9	75.0	75.9	76.6	76.9	77.0	77.0	77.4	77.6	77.6	77.7
IV 2000	23.2	57.4	63.9	68.3	74.1	75.8	77.0	77.9	78.6	78.9	79.0	79.0	79.4	79.6	79.6	79.7
IV 1800	23.3	57.8	64.2	68.7	74.4	76.1	77.3	78.2	78.9	79.2	79.3	79.3	79.8	79.9	79.9	80.0
IV 1500	24.0	59.8	66.2	70.8	76.7	78.3	79.6	80.4	81.1	81.4	81.6	81.6	82.0	82.1	82.1	82.2
IV 1200	24.3	61.7	68.3	73.1	79.0	80.8	82.1	83.0	83.7	84.0	84.1	84.1	84.6	84.7	84.7	84.8
IV 1000	24.3	62.3	69.3	74.3	80.4	82.2	83.7	84.7	85.3	85.7	85.8	85.8	86.2	86.3	86.3	86.4
IV 900	24.3	63.1	70.6	75.8	82.0	83.9	85.6	86.7	87.3	87.7	87.8	87.8	88.2	88.3	88.3	88.4
IV 800	24.3	63.3	70.8	76.1	82.6	84.4	86.1	87.3	88.0	88.3	88.4	88.4	88.9	89.0	89.0	89.1
IV 700	24.3	63.7	71.2	76.8	83.3	85.3	87.0	88.2	88.9	89.2	89.3	89.3	89.8	89.9	89.9	90.0
IV 600	24.3	64.2	71.9	77.7	84.3	86.7	88.8	90.0	90.7	91.0	91.2	91.2	91.7	91.8	91.8	91.9
IV 500	24.3	64.4	72.1	78.3	85.3	87.8	90.3	91.6	92.4	92.8	93.0	93.0	93.6	93.7	93.7	93.8
IV 400	24.3	64.7	72.3	78.7	86.0	88.4	91.6	93.2	94.2	94.8	95.2	95.2	95.8	95.9	95.9	96.0
IV 300	24.3	64.7	72.3	78.7	86.0	88.4	91.8	94.2	95.2	95.9	96.3	96.3	97.0	97.2	97.2	97.3
IV 200	24.3	64.7	72.3	78.7	86.0	88.4	91.8	94.3	95.3	96.1	96.8	96.8	97.7	97.9	98.1	98.6
IV 100	24.3	64.7	72.3	78.7	86.0	88.4	91.8	94.4	95.6	96.3	97.0	97.0	97.9	98.2	98.6	99.6
IV 0	24.3	64.7	72.3	78.7	86.0	88.4	91.8	94.4	95.6	96.3	97.0	97.0	97.9	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12/3/86
 STATION

COLUMBUS AFB MS
 STATION NAME

69-70,73-80
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000	31.6	47.6	48.8	48.9	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 18000 ≥ 6000	33.7	51.6	53.7	53.9	53.9	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000 ≥ 2000	34.6	52.9	55.0	55.4	55.6	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 10000 ≥ 9500	35.4	55.1	57.2	57.8	58.0	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 8000 ≥ 7000	37.2	58.3	60.6	61.1	61.4	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 6000 ≥ 5000	38.6	62.4	64.7	65.4	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4500 ≥ 4000	39.9	65.2	67.8	68.7	69.1	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3500 ≥ 3000	41.0	67.1	69.7	70.8	71.3	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2500 ≥ 2000	41.8	68.7	71.3	72.4	73.0	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 1800 ≥ 1500	43.8	72.8	75.9	77.2	78.1	78.2	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1200 ≥ 1000	44.2	74.6	77.7	79.0	79.9	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 900 ≥ 800	44.3	75.3	78.6	79.9	80.8	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 700 ≥ 600	45.7	78.7	82.0	83.3	84.2	84.3	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 500 ≥ 400	46.0	80.1	83.7	85.2	86.3	86.4	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 300 ≥ 200	46.2	81.0	84.9	86.6	87.7	88.0	88.8	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 100 ≥ 0	46.3	82.1	86.0	87.7	89.1	89.7	90.6	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9
	46.3	82.9	87.1	89.0	90.7	91.3	92.3	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7
	46.3	83.3	87.6	89.6	91.7	92.6	93.7	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0
	46.4	83.6	87.8	89.9	92.2	93.2	94.4	94.6	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0
	46.7	84.0	88.6	90.9	93.3	94.3	95.9	96.3	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8
	46.7	84.2	88.8	91.1	93.8	95.0	96.7	97.3	97.4	97.7	97.8	97.8	97.9	97.9	97.9	97.9
	46.7	84.2	88.8	91.1	93.9	95.3	97.4	98.3	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.0
	46.7	84.2	88.9	91.2	94.0	95.4	97.6	98.6	98.7	99.0	99.3	99.3	99.6	99.6	99.7	99.7
	46.7	84.2	88.9	91.2	94.0	95.4	97.6	98.6	98.7	99.0	99.3	99.3	99.6	99.6	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7213 16

COLUMBUS AFB MS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/2	≥ 0
NO CEILING	42.1	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 2000	46.7	58.3	59.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1800	47.0	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 1600	47.3	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 1400	47.9	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1200	48.6	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 1000	50.1	64.2	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	64.4
≥ 900	50.7	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 800	51.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 700	53.0	68.9	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	69.1
≥ 600	53.9	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 500	54.3	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
≥ 450	55.3	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 400	56.8	74.3	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
≥ 350	58.3	76.3	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	77.1
≥ 300	60.2	80.4	81.0	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
≥ 250	61.2	82.6	83.2	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 200	62.1	84.8	85.4	86.0	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 180	62.2	85.4	86.2	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 150	63.1	87.8	88.8	89.7	89.9	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 120	63.3	89.1	90.2	91.2	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 100	63.3	90.1	91.2	92.2	92.9	93.1	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 90	63.3	90.8	92.1	93.4	94.1	94.3	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 80	63.3	90.9	92.3	94.2	95.1	95.4	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 70	63.4	91.1	92.7	94.6	95.8	96.1	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 60	63.4	91.7	93.3	95.3	97.0	97.3	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 50	63.4	91.8	93.4	95.6	97.7	98.1	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 40	63.4	91.8	93.4	95.6	97.8	98.2	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 30	63.4	91.9	93.6	95.7	98.0	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	63.4	91.9	93.6	95.7	98.0	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	63.4	91.9	93.6	95.7	98.0	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.4	91.9	93.6	95.7	98.0	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2
 AERIAL CLIMATOLOGY BRANCH
 AFETAC
 AT WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

72336

COLUMBUS AFB MS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	46.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 2500	51.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 1800	51.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 1600	52.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 1400	52.8	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 1200	53.2	63.9	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 1000	54.9	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 900	55.2	66.7	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 800	56.1	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 700	57.9	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 600	58.7	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 500	59.4	73.6	73.6	73.6	73.7	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 450	60.7	74.9	74.9	75.2	75.7	75.7	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 400	62.9	78.1	78.3	78.7	79.1	79.1	79.2	79.2	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6
≥ 350	64.6	80.2	80.4	80.8	81.2	81.2	81.3	81.3	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8
≥ 300	66.2	83.4	83.8	84.2	84.8	84.8	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 250	67.2	85.9	86.3	86.8	87.3	87.4	87.7	87.9	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2
≥ 200	67.7	87.3	87.9	88.3	88.9	89.0	89.2	89.4	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8
≥ 180	67.9	87.7	88.2	88.9	89.4	89.7	89.9	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4
≥ 150	68.2	88.6	89.3	90.2	90.9	91.1	91.8	92.0	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3
≥ 120	68.2	88.9	89.7	90.8	91.4	91.7	92.3	92.6	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9
≥ 100	68.2	89.3	90.4	91.6	92.2	92.6	93.2	93.4	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8
≥ 90	68.2	89.6	90.9	92.3	93.1	93.6	94.4	94.7	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0
≥ 80	68.2	89.7	91.1	93.0	94.1	94.6	95.8	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4
≥ 70	68.2	89.8	91.3	93.2	94.6	95.0	96.2	96.6	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 60	68.2	90.3	92.2	94.2	95.7	96.2	97.4	97.8	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1
≥ 50	68.2	90.6	92.6	94.7	96.2	96.8	98.0	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 40	68.2	90.6	92.6	94.8	96.6	97.3	98.8	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 30	68.2	90.7	92.7	94.9	96.7	97.4	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 20	68.2	90.7	92.7	94.9	96.7	97.4	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 10	68.2	90.7	92.7	94.9	96.7	97.4	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	68.2	90.7	92.7	94.9	96.7	97.4	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723316

COLUMBUS AFB MS

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.8	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	41.7	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 18000	42.0	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 16000	42.1	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 14000	42.1	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 12000	42.4	68.4	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 10000	43.0	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 9000	44.0	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 8000	44.6	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 7000	45.3	74.9	75.2	75.3	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 6000	45.8	76.2	76.6	76.7	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 5000	46.2	77.0	77.3	77.4	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 4500	46.9	78.6	78.9	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 4000	47.7	80.1	80.8	81.1	81.3	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 3500	48.4	81.4	82.3	82.7	82.9	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 3000	49.1	83.2	84.2	84.8	85.2	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2500	49.3	84.8	85.9	86.4	87.1	87.4	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 2000	49.3	85.9	87.0	87.7	88.3	88.7	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 1800	49.3	85.9	87.0	87.7	88.3	88.7	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1500	49.3	87.0	88.2	88.9	90.0	90.3	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1200	49.3	87.7	89.0	89.8	91.1	91.6	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1000	49.3	87.9	89.4	90.4	92.0	92.4	93.0	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 900	49.3	88.0	89.8	91.0	92.7	93.1	93.7	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 800	49.4	88.3	90.3	91.9	93.6	94.1	94.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 700	49.4	88.4	90.4	92.2	93.9	94.4	95.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 600	49.4	88.7	91.1	93.2	94.9	95.4	96.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 500	49.4	88.8	91.2	93.3	95.0	95.6	96.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 400	49.4	88.8	91.2	93.4	95.1	95.7	96.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 300	49.4	88.8	91.2	93.4	95.1	95.7	97.0	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	49.4	88.8	91.2	93.4	95.2	95.8	97.2	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	49.4	88.8	91.2	93.4	95.2	95.8	97.2	98.9	99.0	99.1	99.6	99.6	99.8	99.8	99.8	99.9
IV 0	49.4	88.8	91.2	93.4	95.2	95.8	97.2	98.9	99.0	99.1	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	29.9	59.1	67.9	61.4	61.9	61.9	62.0	62.2	62.3	62.4	62.8	62.9	63.1	63.1	63.1	63.3
≥ 20000	32.4	63.6	65.3	65.9	66.3	66.3	66.4	66.7	66.8	66.9	67.2	67.3	67.6	67.6	67.6	67.8
≥ 18000	32.7	64.1	65.9	66.4	66.9	66.9	67.0	67.2	67.3	67.4	67.8	67.9	68.1	68.1	68.1	68.3
≥ 16000	32.9	64.3	66.1	66.7	67.1	67.1	67.2	67.4	67.6	67.7	68.0	68.1	68.3	68.3	68.3	68.6
≥ 14000	33.2	64.8	66.6	67.1	67.6	67.6	67.7	67.9	68.0	68.1	68.4	68.6	68.8	68.8	68.8	69.0
≥ 12000	33.9	66.1	67.9	68.4	68.9	68.9	69.1	69.3	69.4	69.6	69.9	70.0	70.2	70.2	70.2	70.4
≥ 9000	33.9	66.7	68.6	69.1	69.6	69.6	69.8	70.0	70.1	70.2	70.6	70.7	70.9	70.9	70.9	71.1
≥ 8000	34.3	67.7	69.8	70.3	70.8	70.8	71.1	71.3	71.4	71.6	71.9	72.0	72.2	72.2	72.2	72.4
≥ 7000	35.1	69.9	72.1	72.7	73.1	73.1	73.4	73.7	73.8	73.9	74.2	74.3	74.6	74.6	74.6	74.8
≥ 6000	35.7	71.2	73.4	74.0	74.4	74.4	74.8	75.0	75.1	75.2	75.6	75.7	75.9	75.9	75.9	76.1
≥ 5000	35.9	72.4	74.7	75.3	75.8	75.8	76.2	76.4	76.6	76.7	77.0	77.1	77.3	77.3	77.3	77.6
≥ 4500	36.7	74.2	76.6	77.2	77.8	77.8	78.2	78.4	78.6	78.7	79.0	79.1	79.3	79.3	79.3	79.6
≥ 4000	37.3	75.7	78.2	78.9	79.6	79.6	80.0	80.2	80.3	80.4	80.8	80.9	81.1	81.1	81.1	81.3
≥ 3500	38.2	77.3	79.9	80.6	81.2	81.2	81.8	82.0	82.1	82.2	82.6	82.7	82.9	82.9	82.9	83.1
≥ 3000	38.7	78.6	81.3	82.1	83.2	83.2	83.8	84.0	84.1	84.2	84.6	84.7	84.9	84.9	84.9	85.1
≥ 2500	38.9	80.3	83.1	84.0	85.1	85.1	85.8	86.0	86.1	86.2	86.6	86.7	86.9	86.9	86.9	87.1
≥ 2000	39.3	81.9	84.8	85.7	86.9	86.9	87.6	87.8	87.9	88.0	88.3	88.4	88.7	88.7	88.7	88.9
≥ 1800	39.6	82.1	85.0	85.9	87.1	87.1	87.9	88.2	88.3	88.4	88.8	88.9	89.1	89.1	89.1	89.3
≥ 1500	40.0	83.3	86.3	87.2	88.6	88.6	89.4	90.1	90.2	90.3	90.7	90.8	91.0	91.0	91.0	91.2
≥ 1200	40.0	83.9	86.9	87.8	89.1	89.1	90.3	91.0	91.1	91.2	91.6	91.7	91.9	91.9	91.9	92.1
≥ 1000	40.2	84.3	87.3	88.2	89.7	89.9	91.3	92.1	92.2	92.3	92.7	92.8	93.0	93.0	93.0	93.2
≥ 900	40.2	84.7	87.9	89.2	90.8	91.1	92.6	93.3	93.4	93.6	93.9	94.0	94.2	94.2	94.2	94.4
≥ 800	40.2	85.2	88.4	89.9	91.8	92.2	93.7	94.4	94.6	94.7	95.0	95.1	95.3	95.3	95.3	95.6
≥ 700	40.2	85.6	88.9	90.7	92.7	93.1	94.6	95.3	95.4	95.6	95.9	96.0	96.2	96.2	96.2	96.4
≥ 600	40.2	85.7	89.1	90.9	93.0	93.4	94.9	95.8	95.9	96.1	96.4	96.6	96.8	96.8	96.8	97.0
≥ 500	40.2	85.7	89.1	91.0	93.6	94.1	95.6	96.4	96.6	96.8	97.1	97.2	97.4	97.4	97.4	97.7
≥ 400	40.2	85.7	89.1	91.1	94.1	94.8	96.2	97.3	97.6	97.8	98.1	98.2	98.4	98.4	98.4	98.7
≥ 300	40.2	85.7	89.1	91.1	94.1	94.8	96.3	97.6	98.0	98.4	98.8	98.9	99.2	99.2	99.2	99.4
≥ 200	40.2	85.7	89.1	91.1	94.1	94.8	96.3	97.6	98.1	98.6	99.0	99.1	99.6	99.6	99.7	99.9
≥ 100	40.2	85.7	89.1	91.1	94.1	94.8	96.3	97.6	98.1	98.6	99.0	99.1	99.7	99.7	99.8	100.0
≥ 0	40.2	85.7	89.1	91.1	94.1	94.8	96.3	97.6	98.1	98.6	99.0	99.1	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	31.0	51.5	53.2	54.1	55.0	55.2	55.4	55.7	55.8	56.0	56.1	56.2	56.3	56.3	56.3	56.4
≥ 20000	33.3	55.4	57.3	58.2	59.1	59.3	59.6	59.9	60.1	60.2	60.4	60.4	60.5	60.5	60.6	60.7
IV 18000	33.4	55.7	57.6	58.5	59.5	59.7	59.9	60.3	60.4	60.6	60.7	60.8	60.9	60.9	60.9	61.0
IV 16000	33.6	55.9	57.8	58.8	59.7	59.9	60.2	60.5	60.7	60.8	61.0	61.0	61.1	61.1	61.2	61.3
IV 14000	33.9	56.4	58.3	59.3	60.3	60.5	60.8	61.1	61.3	61.4	61.6	61.6	61.7	61.8	61.8	61.9
IV 12000	34.3	57.6	59.5	60.5	61.5	61.7	62.0	62.3	62.5	62.6	62.8	62.8	63.0	63.0	63.0	63.1
IV 10000	34.9	59.1	61.1	62.2	63.2	63.4	63.7	64.0	64.2	64.3	64.5	64.5	64.7	64.7	64.7	64.8
IV 9000	35.3	59.8	61.8	62.8	63.9	64.1	64.4	64.7	64.9	65.0	65.2	65.2	65.3	65.4	65.4	65.5
IV 8000	36.0	61.5	63.6	64.6	65.7	65.9	66.3	66.7	66.8	67.0	67.1	67.2	67.3	67.3	67.3	67.4
IV 7000	36.9	63.2	65.4	66.5	67.6	67.8	68.2	68.5	68.7	68.8	69.0	69.0	69.2	69.2	69.2	69.3
IV 6000	37.4	64.6	66.9	68.1	69.1	69.4	69.7	70.1	70.3	70.4	70.6	70.6	70.8	70.8	70.8	70.9
IV 5000	38.0	66.1	68.4	69.7	70.8	71.0	71.4	71.8	72.0	72.2	72.3	72.3	72.5	72.5	72.5	72.7
IV 4500	38.8	67.6	70.0	71.4	72.6	72.8	73.3	73.7	73.8	74.0	74.2	74.2	74.4	74.4	74.4	74.5
IV 4000	39.6	69.4	72.0	73.4	74.7	75.0	75.5	75.9	76.1	76.3	76.5	76.5	76.7	76.7	76.7	76.8
IV 3500	40.5	71.0	73.8	75.2	76.5	76.8	77.3	77.8	77.9	78.1	78.3	78.3	78.5	78.5	78.5	78.7
IV 3000	41.2	73.0	76.0	77.5	79.1	79.4	79.9	80.4	80.5	80.7	80.9	80.9	81.1	81.1	81.1	81.2
IV 2500	41.8	75.0	78.0	79.6	81.2	81.6	82.1	82.6	82.8	82.9	83.1	83.2	83.3	83.3	83.4	83.5
IV 2000	42.3	76.5	79.7	81.3	83.0	83.4	83.9	84.4	84.6	84.7	85.0	85.0	85.2	85.2	85.2	85.3
IV 1800	42.4	77.0	80.1	81.8	83.5	83.9	84.5	85.0	85.1	85.3	85.5	85.5	85.7	85.7	85.8	85.9
IV 1500	43.0	78.9	82.1	84.0	85.9	86.3	87.1	87.6	87.8	87.9	88.1	88.2	88.3	88.3	88.4	88.5
IV 1200	43.2	79.8	83.2	85.2	87.2	87.7	88.5	89.2	89.3	89.5	89.7	89.8	89.9	89.9	90.0	90.1
IV 1000	43.2	80.5	84.1	86.1	88.3	88.9	89.8	90.5	90.7	90.8	91.1	91.1	91.3	91.3	91.3	91.4
IV 900	43.3	80.9	84.7	87.0	89.3	90.0	91.1	91.8	91.9	92.1	92.4	92.4	92.6	92.6	92.6	92.7
IV 800	43.3	81.4	85.3	87.8	90.3	91.1	92.2	93.1	93.3	93.4	93.7	93.7	93.9	93.9	93.9	94.0
IV 700	43.3	81.7	85.7	88.4	91.1	91.8	93.1	93.9	94.1	94.3	94.5	94.5	94.7	94.7	94.7	94.9
IV 600	43.3	82.1	86.2	89.0	91.8	92.7	94.0	94.9	95.1	95.3	95.6	95.6	95.8	95.8	95.8	95.9
IV 500	43.4	82.3	86.5	89.5	92.6	93.4	94.9	96.0	96.2	96.4	96.7	96.7	96.9	96.9	96.9	97.0
IV 400	43.4	82.3	86.6	89.7	93.0	94.0	95.6	96.9	97.2	97.4	97.7	97.7	97.9	98.0	98.0	98.1
IV 300	43.4	82.3	86.6	89.7	93.1	94.1	95.9	97.3	97.7	98.0	98.4	98.4	98.6	98.7	98.8	98.9
IV 200	43.4	82.3	86.6	89.7	93.1	94.1	95.9	97.4	97.9	98.3	98.7	98.7	99.1	99.1	99.2	99.5
IV 100	43.4	82.3	86.6	89.7	93.1	94.1	95.9	97.5	97.9	98.3	98.7	98.8	99.2	99.3	99.5	99.9
IV 0	43.4	82.3	86.6	89.7	93.1	94.1	95.9	97.5	97.9	98.3	98.7	98.8	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.8	51.6	53.0	53.8	54.2	54.4	54.6	54.7	54.7	54.9	54.9	54.9	55.2	55.2	55.3	55.5
≥ 20000	30.0	53.7	55.1	55.8	56.2	56.5	56.7	56.8	56.8	57.0	57.0	57.0	57.2	57.2	57.3	57.5
≥ 18000	30.5	54.3	55.8	56.6	57.0	57.2	57.4	57.5	57.5	57.7	57.7	57.7	58.0	58.0	58.1	58.3
≥ 16000	30.6	54.5	56.0	56.8	57.2	57.4	57.6	57.7	57.7	58.0	58.0	58.0	58.2	58.2	58.3	58.5
≥ 14000	30.9	54.6	56.1	56.9	57.3	57.5	57.7	57.8	57.8	58.1	58.1	58.1	58.3	58.3	58.4	58.6
≥ 12000	31.0	55.6	57.1	57.8	58.3	58.5	58.7	58.8	58.8	59.0	59.0	59.0	59.2	59.2	59.4	59.6
≥ 10000	31.9	57.3	58.9	59.7	60.1	60.3	60.5	60.6	60.6	60.9	60.9	60.9	61.3	61.3	61.4	61.6
≥ 9000	32.4	57.8	59.6	60.3	60.8	61.0	61.2	61.3	61.3	61.5	61.5	61.5	61.9	61.9	62.0	62.3
≥ 8000	32.5	58.6	60.3	61.1	61.5	61.7	61.9	62.0	62.0	62.3	62.3	62.3	62.7	62.7	62.8	63.0
≥ 7000	33.5	61.3	63.0	63.8	64.2	64.4	64.6	64.7	64.7	64.9	64.9	64.9	65.4	65.4	65.5	65.7
≥ 6000	34.4	63.1	64.8	65.6	66.0	66.2	66.5	66.6	66.6	66.8	66.8	66.8	67.2	67.2	67.3	67.5
≥ 5000	34.9	64.7	66.5	67.2	67.6	67.8	68.1	68.2	68.2	68.4	68.4	68.4	68.8	68.8	68.9	69.1
≥ 4500	35.4	66.0	67.7	68.5	68.9	69.1	69.4	69.5	69.5	69.7	69.7	69.7	70.1	70.1	70.2	70.4
≥ 4000	35.7	67.3	69.0	69.8	70.2	70.4	70.6	70.8	70.8	71.0	71.0	71.0	71.4	71.4	71.5	71.7
≥ 3500	36.8	69.2	71.2	72.0	72.6	72.9	73.1	73.2	73.2	73.4	73.4	73.4	73.9	73.9	74.0	74.2
≥ 3000	37.6	71.1	73.4	74.5	75.1	75.4	75.6	75.7	75.7	75.9	75.9	75.9	76.3	76.3	76.5	76.7
≥ 2500	38.9	73.7	76.3	77.6	78.3	78.6	78.8	78.9	78.9	79.1	79.1	79.1	79.6	79.6	79.7	79.9
≥ 2000	40.1	76.7	79.6	81.0	81.6	81.9	82.2	82.3	82.3	82.5	82.5	82.5	82.9	82.9	83.0	83.2
≥ 1800	40.3	77.5	80.4	81.8	82.5	82.8	83.0	83.1	83.1	83.3	83.3	83.3	83.8	83.8	83.9	84.1
≥ 1500	40.8	79.9	83.3	85.1	85.7	86.0	86.2	86.3	86.3	86.6	86.6	86.6	87.1	87.1	87.2	87.4
≥ 1200	41.4	81.3	84.8	86.8	87.5	87.8	88.1	88.3	88.3	88.6	88.6	88.6	89.1	89.1	89.2	89.5
≥ 1000	41.4	81.9	85.5	87.4	88.2	88.5	88.7	88.9	88.9	89.2	89.2	89.2	89.8	89.8	89.9	90.1
≥ 900	41.4	82.2	86.0	88.2	88.9	89.2	89.5	89.7	89.7	90.0	90.0	90.0	90.5	90.5	90.6	90.9
≥ 800	41.4	82.4	86.7	88.9	89.7	90.0	90.4	90.6	90.6	91.0	91.0	91.0	91.5	91.5	91.6	91.8
≥ 700	41.4	83.0	87.6	90.1	91.2	91.6	92.0	92.4	92.4	92.7	92.7	92.7	93.2	93.2	93.3	93.5
≥ 600	41.4	83.3	88.0	90.4	91.7	92.2	92.6	93.1	93.1	93.4	93.4	93.4	94.0	94.0	94.1	94.3
≥ 500	41.4	84.0	89.0	91.6	93.0	93.9	94.6	95.3	95.3	95.6	95.7	95.7	96.2	96.2	96.3	96.6
≥ 400	41.4	84.2	89.5	92.8	94.4	95.4	96.1	96.8	96.9	97.2	97.5	97.5	98.3	98.3	98.4	98.6
≥ 300	41.4	84.2	89.5	92.9	94.5	95.5	96.3	97.0	97.1	97.4	97.8	97.8	98.6	98.6	99.0	99.2
≥ 200	41.4	84.2	89.5	92.9	94.5	95.5	96.5	97.2	97.3	97.6	98.1	98.1	98.8	98.8	99.2	99.6
≥ 100	41.4	84.2	89.5	92.9	94.5	95.5	96.5	97.2	97.3	97.6	98.1	98.1	99.0	99.0	99.7	100.0
≥ 0	41.4	84.2	89.5	92.9	94.5	95.5	96.5	97.2	97.3	97.6	98.1	98.1	99.0	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	23.5	49.8	51.7	53.1	53.2	53.3	53.3	53.7	53.8	53.9	53.9	53.9	53.9	54.1	54.4	54.5
≥ 20000	24.7	51.8	54.0	55.5	55.6	55.7	55.7	56.0	56.1	56.2	56.2	56.2	56.2	56.5	56.8	56.9
IV 18000	24.9	52.3	54.4	56.0	56.1	56.2	56.2	56.6	56.7	56.8	56.8	56.8	56.8	57.0	57.3	57.4
IV 16000	25.1	52.4	54.6	56.2	56.3	56.5	56.5	56.8	56.9	57.0	57.0	57.0	57.0	57.2	57.5	57.6
IV 14000	25.2	52.5	54.7	56.3	56.5	56.6	56.6	56.9	57.0	57.1	57.1	57.1	57.1	57.3	57.6	57.7
IV 12000	25.6	53.2	55.6	57.2	57.3	57.4	57.4	57.7	57.8	58.0	58.0	58.0	58.0	58.2	58.5	58.6
IV 10000	26.2	54.7	57.2	58.8	58.9	59.0	59.0	59.4	59.5	59.6	59.6	59.6	59.6	59.8	60.1	60.2
IV 9000	26.7	55.2	57.6	59.2	59.4	59.5	59.5	59.8	59.9	60.0	60.0	60.0	60.0	60.2	60.5	60.6
IV 8000	27.0	56.0	58.6	60.2	60.3	60.4	60.4	60.8	60.9	61.0	61.0	61.0	61.0	61.2	61.5	61.6
IV 7000	27.2	57.5	60.2	61.8	62.0	62.2	62.2	62.5	62.6	62.7	62.7	62.7	62.7	62.9	63.2	63.3
IV 6000	28.1	59.4	62.0	63.7	63.9	64.0	64.0	64.3	64.4	64.5	64.5	64.5	64.5	64.7	65.1	65.2
IV 5000	28.8	61.0	63.8	65.5	65.8	65.9	65.9	66.2	66.3	66.5	66.5	66.5	66.5	66.7	67.0	67.1
IV 4500	29.2	62.4	65.3	67.0	67.4	67.5	67.5	67.8	68.0	68.1	68.1	68.1	68.1	68.3	68.6	68.7
IV 4000	29.6	63.3	66.2	68.0	68.4	68.5	68.5	68.8	68.9	69.0	69.0	69.0	69.0	69.2	69.6	69.7
IV 3500	29.9	64.5	67.4	69.2	69.7	69.9	69.9	70.2	70.3	70.4	70.4	70.4	70.4	70.6	71.0	71.1
IV 3000	30.5	66.5	69.5	71.4	72.0	72.3	72.3	72.6	72.7	72.8	72.8	72.8	72.8	73.0	73.3	73.4
IV 2500	32.3	69.7	73.2	75.5	76.1	76.3	76.3	76.7	76.8	76.9	76.9	76.9	76.9	77.1	77.4	77.5
IV 2000	32.9	71.2	74.8	77.5	78.5	78.7	78.7	79.0	79.1	79.2	79.2	79.2	79.2	79.5	79.8	79.9
IV 1800	33.0	72.5	76.2	79.0	80.0	80.2	80.2	80.5	80.6	80.8	80.8	80.8	80.8	81.0	81.3	81.4
IV 1500	33.3	74.8	79.2	82.3	83.2	83.4	83.4	83.8	83.9	84.0	84.0	84.0	84.0	84.2	84.5	84.6
IV 1200	33.7	76.8	81.2	84.3	85.4	85.6	85.6	85.9	86.0	86.1	86.1	86.1	86.1	86.3	86.7	86.8
IV 1000	34.1	77.4	82.0	85.4	86.9	87.2	87.2	87.5	87.6	87.7	87.7	87.7	87.7	88.0	88.3	88.4
IV 900	34.1	77.8	83.0	86.5	88.1	88.4	88.4	88.7	88.8	88.9	88.9	88.9	88.9	89.1	89.5	89.6
IV 800	34.1	78.3	83.7	87.2	88.9	89.2	89.2	89.6	89.7	89.9	89.9	89.9	89.9	90.1	90.4	90.5
IV 700	34.2	79.0	84.6	88.6	90.4	90.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.6	91.9	92.0
IV 600	34.2	79.6	85.5	89.7	91.8	92.3	92.3	92.9	93.0	93.2	93.2	93.2	93.2	93.3	93.5	93.9
IV 500	34.3	80.3	86.5	90.6	93.3	94.2	94.2	94.5	95.1	95.2	95.4	95.4	95.4	95.5	95.8	96.1
IV 400	34.3	80.4	86.8	91.2	94.1	94.9	94.9	95.5	96.3	96.6	96.8	96.8	96.8	96.9	97.1	97.4
IV 300	34.3	80.4	87.0	91.4	94.3	95.2	95.2	95.9	97.0	97.2	97.6	97.6	97.6	98.0	98.2	98.5
IV 200	34.3	80.4	87.0	91.4	94.4	95.5	95.5	96.2	97.5	97.7	98.2	98.2	98.2	98.5	98.8	99.1
IV 100	34.3	80.4	87.0	91.4	94.4	95.5	95.5	96.2	97.5	97.7	98.2	98.2	98.2	98.5	98.8	99.1
IV 0	34.3	80.4	87.0	91.4	94.4	95.5	95.5	96.2	97.5	97.7	98.2	98.2	98.2	98.5	98.8	99.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

69-70,73-80

JLC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	20.1	39.9	42.7	44.5	45.5	45.7	46.1	46.5	46.5	46.6	46.7	46.7	46.8	46.8	46.9	46.9
≥ 20000	21.3	43.1	46.3	48.3	49.4	49.6	50.0	50.3	50.3	50.4	50.6	50.6	50.8	50.8	50.9	50.9
≥ 18000	21.3	43.4	46.7	48.6	49.7	49.9	50.3	50.6	50.6	50.8	51.0	51.0	51.1	51.1	51.2	51.2
≥ 16000	21.4	43.8	47.0	48.9	50.0	50.2	50.6	51.0	51.0	51.1	51.3	51.3	51.4	51.4	51.5	51.5
≥ 14000	21.7	44.1	47.3	49.6	50.6	50.9	51.3	51.6	51.6	51.7	51.9	51.9	52.0	52.0	52.2	52.2
≥ 2000	22.3	45.1	48.4	50.6	51.7	51.9	52.4	52.7	52.7	52.8	53.0	53.0	53.1	53.1	53.2	53.2
≥ 10000	23.7	46.8	50.4	52.7	53.8	54.0	54.4	54.7	54.7	54.8	55.1	55.1	55.2	55.2	55.3	55.3
≥ 9000	23.8	47.0	50.6	52.9	54.0	54.2	54.6	54.9	54.9	55.1	55.3	55.3	55.4	55.4	55.5	55.5
≥ 8000	24.2	48.5	52.3	54.6	55.8	56.0	56.6	56.9	56.9	57.0	57.2	57.2	57.3	57.3	57.4	57.4
≥ 7000	25.1	50.4	54.5	56.9	58.1	58.3	58.8	59.1	59.1	59.2	59.5	59.5	59.6	59.6	59.7	59.7
≥ 6000	26.2	52.6	56.7	59.0	60.2	60.4	61.0	61.3	61.3	61.4	61.6	61.6	61.7	61.7	61.8	61.8
≥ 5000	27.0	53.8	58.1	60.4	61.8	62.0	62.6	62.9	62.9	63.0	63.2	63.2	63.3	63.3	63.4	63.4
≥ 4500	27.6	54.9	59.2	61.7	63.2	63.4	64.1	64.4	64.4	64.5	64.7	64.7	64.8	64.8	64.9	64.9
≥ 4000	27.8	55.8	60.3	62.9	64.4	64.6	65.4	65.7	65.7	65.8	66.0	66.0	66.1	66.1	66.2	66.2
≥ 3500	28.3	56.6	61.1	63.7	65.3	65.5	66.2	66.6	66.6	66.7	66.9	66.9	67.0	67.0	67.1	67.1
≥ 3000	29.0	58.9	63.4	66.0	67.6	67.8	68.6	68.9	68.9	69.0	69.2	69.2	69.4	69.4	69.5	69.5
≥ 2500	30.4	61.5	66.3	69.5	71.1	71.3	72.0	72.4	72.4	72.5	72.7	72.7	72.8	72.8	72.9	72.9
≥ 2000	31.4	64.7	69.7	72.9	74.6	75.1	75.8	76.2	76.2	76.3	76.6	76.6	76.7	76.7	76.8	76.8
≥ 1800	31.7	66.2	71.2	74.4	76.1	76.6	77.3	77.7	77.7	77.8	78.1	78.1	78.2	78.2	78.3	78.3
≥ 1500	32.3	68.8	73.8	77.1	78.8	79.4	80.1	80.5	80.5	80.6	80.9	80.9	81.0	81.0	81.1	81.1
≥ 1200	32.7	70.3	75.4	78.7	80.5	81.4	82.2	82.6	82.6	82.7	82.9	82.9	83.0	83.0	83.1	83.1
≥ 1000	33.4	72.5	77.7	81.2	83.5	84.4	85.3	85.7	85.8	85.9	86.1	86.1	86.2	86.2	86.3	86.3
≥ 900	33.4	73.4	78.8	82.4	84.8	85.9	86.8	87.2	87.3	87.4	87.6	87.6	87.7	87.7	87.8	87.8
≥ 800	33.7	74.7	80.3	84.2	86.9	88.2	89.2	89.7	89.8	89.9	90.1	90.1	90.2	90.2	90.3	90.3
≥ 700	33.7	74.8	80.9	84.8	87.6	89.0	90.4	91.0	91.1	91.2	91.4	91.4	91.5	91.5	91.6	91.6
≥ 600	33.8	76.0	82.2	86.1	89.2	90.8	92.5	93.1	93.2	93.3	93.5	93.5	93.8	93.8	93.9	93.9
≥ 500	33.8	76.6	83.2	87.2	90.5	92.3	94.4	95.2	95.5	95.6	95.8	95.8	96.0	96.0	96.1	96.1
≥ 400	33.8	76.7	83.5	87.6	91.3	93.1	95.4	96.3	96.7	97.0	97.4	97.4	97.6	97.6	97.7	97.7
≥ 300	33.8	76.7	83.5	87.7	91.4	93.3	95.7	97.2	97.6	98.1	98.5	98.5	98.8	98.8	99.0	99.0
≥ 200	33.8	76.7	83.5	87.7	91.4	93.5	95.9	97.5	98.0	98.4	98.8	98.8	99.2	99.2	99.5	99.9
≥ 100	33.8	76.7	83.5	87.7	91.4	93.5	95.9	97.5	98.0	98.4	98.8	98.8	99.4	99.4	99.6	100.0
≥ 0	33.8	76.7	83.5	87.7	91.4	93.5	95.9	97.5	98.0	98.4	98.8	98.8	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7253J6

COLUMBUS AFB MS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.G.V.)

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	46.1	46.6	47.1	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	35.8	51.3	51.8	52.6	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 18000	35.9	51.4	51.9	52.7	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 16000	36.0	51.5	52.2	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 14000	36.1	51.6	52.3	53.0	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 12000	37.0	53.4	54.1	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
IV 10000	38.6	55.6	56.2	57.0	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 9000	38.9	55.9	56.7	57.4	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 8000	39.0	57.2	58.0	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 7000	40.0	59.0	59.9	60.6	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 6000	41.6	61.5	62.5	63.2	63.4	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 5000	41.7	62.7	63.7	64.5	64.7	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 4500	41.9	63.3	64.4	65.4	65.6	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 4000	42.3	64.1	65.2	66.1	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 3500	43.1	65.4	66.6	67.5	67.8	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 3000	44.2	66.9	68.2	69.1	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 2500	45.5	69.5	71.0	72.3	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 2000	46.6	72.6	74.2	75.5	76.0	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 1800	46.7	73.3	74.9	76.2	76.8	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 1500	48.0	76.8	78.6	79.9	80.5	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 1200	48.3	78.2	80.1	81.7	82.5	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 1000	48.6	79.5	81.5	83.2	84.1	84.6	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 900	49.1	80.9	83.0	85.3	86.1	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 800	49.4	82.5	85.1	87.4	88.4	88.9	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 700	49.4	83.8	87.1	89.7	91.1	91.7	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 600	49.4	83.8	87.1	89.7	91.1	91.7	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 500	49.7	84.8	88.3	91.1	92.8	93.7	94.7	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.8
IV 400	49.7	85.2	88.9	91.8	93.8	94.6	96.3	97.2	97.4	97.8	98.0	98.1	98.1	98.1	98.1	98.3
IV 300	49.7	85.2	89.0	91.9	94.0	94.8	96.8	98.1	98.4	98.8	99.1	99.2	99.4	99.4	99.5	99.7
IV 200	49.7	85.2	89.0	91.9	94.0	94.9	96.9	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.6	100.0
IV 100	49.7	85.2	89.0	91.9	94.0	94.9	96.9	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.6	100.0
IV 0	49.7	85.2	89.0	91.9	94.0	94.9	96.9	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

930

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306 COLUMBUS AFB MS

69-70,73-80

DEC

STATION STATION NAME YEARS MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE 1200-1400
(FROM HOURLY OBSERVATIONS) HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	43.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	48.7	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	48.7	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	49.0	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	49.7	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	51.2	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 10000	51.8	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	51.8	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 8000	52.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 7000	53.9	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 6000	54.6	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	64.8	64.8
≥ 5000	55.5	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4500	56.1	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4000	57.3	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 3500	58.3	70.2	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3000	59.4	71.9	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2500	62.9	76.7	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2000	64.0	80.0	80.8	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
≥ 1800	64.5	81.0	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1500	65.8	83.8	84.8	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
≥ 1200	67.7	86.0	87.2	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
≥ 1000	67.3	88.0	89.4	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 900	67.8	88.7	90.2	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	67.8	90.4	91.9	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700	67.8	90.8	92.5	93.4	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	67.8	91.3	93.1	94.3	94.5	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	67.8	91.7	93.7	95.1	95.7	95.9	96.7	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	67.8	91.7	93.7	95.2	96.0	96.5	97.8	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	67.8	91.7	93.9	95.4	96.2	96.7	98.1	98.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	67.8	91.7	93.9	95.4	96.2	96.7	98.1	98.7	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	67.8	91.7	93.9	95.4	96.2	96.7	98.1	98.7	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	67.8	91.7	93.9	95.4	96.2	96.7	98.1	98.7	99.2	99.6	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	¼	≥0
NO CEILING	42.7	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	47.7	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 18000	48.3	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 16000	48.6	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 14000	49.4	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 12000	51.4	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 10000	52.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 9000	53.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 8000	54.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 7000	55.8	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 6000	56.5	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 5000	57.6	68.4	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	69.0
≥ 4500	58.2	69.4	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4000	59.2	71.0	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 3500	60.2	72.8	73.2	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 3000	62.5	76.1	76.8	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
IV 2500	65.2	81.0	81.7	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 2000	66.7	83.8	84.5	84.9	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 1800	67.1	85.1	85.8	86.2	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 1500	68.2	87.4	88.3	88.8	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1200	68.9	88.8	90.0	90.5	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 1000	69.1	89.5	90.9	91.5	92.2	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 900	69.2	89.8	91.2	92.0	92.7	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 800	69.4	90.5	92.2	93.0	93.9	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 700	69.4	90.8	92.5	93.5	94.5	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 600	69.4	90.9	92.8	93.9	94.9	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 500	69.4	91.3	93.9	95.2	96.6	97.1	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 400	69.5	91.4	94.0	95.3	96.7	97.4	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	69.5	91.4	94.1	95.5	97.0	97.7	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	69.5	91.4	94.1	95.5	97.0	97.7	98.5	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 100	69.5	91.4	94.1	95.5	97.0	97.7	98.5	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0
IV 0	69.5	91.4	94.1	95.5	97.0	97.7	98.5	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	38.1	52.0	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.8
IV 20000	40.8	56.5	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
IV 18000	41.2	57.0	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
IV 16000	41.7	57.6	57.8	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
IV 14000	42.0	58.0	58.3	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8
IV 12000	42.7	59.1	59.3	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
IV 10000	43.7	60.7	60.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
IV 9000	44.3	61.4	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1
IV 8000	45.2	62.8	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
IV 7000	45.7	63.8	64.1	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
IV 6000	46.2	65.3	65.8	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.5
IV 5000	47.1	67.4	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.7
IV 4500	47.6	68.9	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4
IV 4000	47.9	70.3	71.0	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.0
IV 3500	49.3	73.7	74.3	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3
IV 3000	51.0	76.3	76.9	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4
IV 2500	52.5	79.7	80.4	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.0
IV 2000	53.5	83.1	83.9	84.8	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9
IV 1800	53.9	84.4	85.3	86.2	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3
IV 1500	54.5	86.9	87.9	88.8	89.9	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4
IV 1200	54.5	88.0	89.1	90.1	91.3	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9
IV 1000	54.7	88.3	89.5	90.6	91.8	91.9	92.2	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.8
IV 900	55.0	89.0	90.3	91.7	93.1	93.2	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1
IV 800	55.1	89.2	90.8	92.4	94.1	94.2	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
IV 700	55.2	89.6	91.4	93.2	95.0	95.1	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1
IV 600	55.2	89.6	91.5	93.4	95.4	95.6	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.7
IV 500	55.2	90.0	92.0	94.5	96.9	97.1	97.8	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6
IV 400	55.2	90.1	92.1	94.6	97.0	97.4	98.4	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2
IV 300	55.2	90.3	92.3	94.8	97.2	97.6	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
IV 200	55.2	90.3	92.3	94.8	97.3	97.7	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
IV 100	55.2	90.3	92.3	94.8	97.3	97.7	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
IV 0	55.2	90.3	92.3	94.8	97.3	97.7	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

723355

COLUMBUS AFB MS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	31.6 33.3	51.9 54.8	52.2 55.1	52.5 55.4	53.4 56.3	53.5 56.4	53.8 56.7	53.8 56.7	53.8 56.7	53.8 56.7	53.8 56.7	53.8 56.7	53.8 56.7	53.9 56.9	53.9 56.9	53.9 56.9
IV IV 18000 16000	33.5 33.7	55.0 55.1	55.3 55.4	55.7 55.8	56.5 56.6	56.6 56.7	57.0 57.1	57.0 57.1	57.0 57.1	57.0 57.1	57.0 57.1	57.0 57.1	57.0 57.1	57.1 57.2	57.1 57.2	57.1 57.2
IV IV 14000 12000	34.1 34.5	55.6 56.1	55.9 56.4	56.2 56.7	57.1 57.6	57.2 57.7	57.5 58.0	57.5 58.0	57.5 58.0	57.5 58.0	57.5 58.0	57.5 58.0	57.5 58.0	58.1 58.1	58.1 58.1	58.1 58.1
IV IV 10000 9000	35.4 36.2	58.4 58.8	58.8 59.7	59.1 60.0	60.0 60.8	60.1 60.9	60.4 61.3	60.5 61.4	60.5 61.4	60.5 61.4	60.5 61.4	60.5 61.4	60.5 61.4	60.6 61.5	60.6 61.5	60.7 61.6
IV IV 8000 7000	37.1 37.6	60.2 61.3	61.2 62.2	61.5 62.6	62.4 63.4	62.5 63.5	62.8 63.9	62.9 64.1	62.9 64.1	62.9 64.1	62.9 64.1	62.9 64.1	62.9 64.1	63.0 64.2	63.0 64.2	63.1 64.3
IV IV 6000 5000	38.3 38.7	63.0 64.7	64.2 65.9	64.5 66.2	65.4 67.1	65.5 67.2	65.8 67.5	66.0 67.9	66.0 67.9	66.0 67.9	66.0 67.9	66.0 67.9	66.0 67.9	66.1 68.0	66.1 68.0	66.2 68.1
IV IV 4500 4000	39.9 40.2	66.9 68.2	68.1 69.4	68.5 69.8	69.4 70.8	69.5 70.9	69.8 71.2	70.1 71.5	70.1 71.5	70.1 71.5	70.1 71.5	70.1 71.5	70.1 71.5	70.2 71.6	70.2 71.6	70.3 71.7
IV IV 3500 3000	40.9 41.3	70.3 72.2	71.6 73.7	72.1 74.2	73.0 75.3	73.1 75.4	73.5 75.7	73.8 76.1	73.8 76.1	73.8 76.1	73.8 76.1	73.8 76.1	73.8 76.1	73.9 76.2	73.9 76.2	74.0 76.3
IV IV 2500 2000	43.0 44.0	76.2 78.5	77.9 80.5	78.5 81.6	79.6 82.7	79.7 82.8	80.0 83.2	80.4 83.5	80.4 83.5	80.4 83.5	80.4 83.5	80.4 83.5	80.4 83.5	80.5 83.6	80.5 83.6	80.6 83.7
IV IV 1800 1500	44.2 45.4	79.4 82.4	81.3 84.5	82.4 85.7	83.6 86.9	83.7 87.1	84.0 87.6	84.4 88.1	84.4 88.1	84.4 88.1	84.4 88.1	84.4 88.1	84.4 88.1	84.5 88.2	84.5 88.2	84.6 88.3
IV IV 1200 1000	45.8 46.1	83.9 84.5	86.0 86.7	87.3 88.0	88.7 89.6	88.8 89.8	89.3 90.4	89.9 90.9	89.9 90.9	89.9 90.9	89.9 90.9	89.9 90.9	89.9 90.9	90.0 91.0	90.0 91.0	90.1 91.2
IV IV 900 800	46.2 46.2	85.1 85.4	87.5 87.9	88.9 89.4	90.5 91.4	90.6 91.5	91.3 92.1	91.8 92.7	91.8 92.7	91.8 92.7	91.8 92.7	91.8 92.7	91.8 92.7	91.9 92.8	91.9 92.8	92.0 92.9
IV IV 700 600	46.4 46.4	86.3 86.5	89.0 89.4	90.7 91.7	92.8 93.7	92.9 94.0	93.6 94.8	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6	94.4 95.7	94.4 95.7	94.5 95.8
IV IV 500 400	46.4 46.4	87.1 87.5	90.1 90.7	92.6 93.3	94.7 95.8	95.1 96.3	96.2 97.6	97.0 98.4	97.0 98.4	97.0 98.4	97.0 98.4	97.0 98.4	97.0 98.4	97.1 98.5	97.1 98.5	97.2 98.6
IV IV 300 200	46.4 46.4	87.5 87.5	90.8 90.8	93.7 93.7	96.2 96.2	96.9 96.9	98.3 98.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.2 99.5	99.2 99.5	99.6 99.8
IV IV 100 0	46.4 46.4	87.5 87.5	90.8 90.8	93.7 93.7	96.2 96.2	96.9 96.9	98.4 98.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.5 99.5	99.5 99.5	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723366

COLUMBUS AFB MS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0	
NO CEILING	32.6	48.5	49.4	50.0	50.3	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.9	50.9
≥ 20000	35.3	52.7	53.7	54.4	54.8	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.4	55.4
IV 18000	35.6	53.0	54.1	54.8	55.2	55.2	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.8
≥ 16000	35.8	53.3	54.4	55.1	55.5	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.1
IV 14000	36.1	53.7	54.8	55.5	55.9	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.5
≥ 12000	37.0	55.0	56.1	56.8	57.2	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.8
IV 10000	38.1	56.7	57.9	58.6	59.0	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.5	59.5	59.6	59.6
≥ 9500	38.4	57.1	58.3	59.1	59.4	59.5	59.7	59.8	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.1	60.1
IV 8000	39.0	58.3	59.6	60.4	60.8	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.5	61.5
≥ 7000	39.9	60.2	61.6	62.4	62.8	62.9	63.0	63.2	63.2	63.3	63.3	63.3	63.3	63.4	63.5	63.5	63.5
IV 6000	40.7	62.0	63.4	64.2	64.6	64.7	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.2	65.3	65.3	65.3
≥ 5000	41.4	63.6	65.1	66.0	66.4	66.5	66.6	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1
IV 4500	42.0	64.9	66.4	67.3	67.8	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.5	68.5	68.5
≥ 4000	42.9	66.1	67.7	68.6	69.1	69.2	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.9
IV 3500	43.3	67.8	69.5	70.4	71.0	71.1	71.3	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.8
≥ 3000	44.4	70.0	71.8	72.8	73.5	73.6	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.2	74.3	74.3
IV 2500	46.3	73.9	75.5	76.7	77.4	77.6	77.8	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.2
≥ 2000	47.4	76.3	78.5	79.9	80.6	80.8	81.0	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.5	81.5	81.5
IV 1800	47.7	77.4	79.6	81.0	81.8	82.0	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.7	82.7
≥ 1500	48.5	80.1	82.6	84.1	85.0	85.2	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.9	86.0	86.0	86.0
IV 1200	49.0	81.7	84.2	85.9	86.9	87.2	87.4	87.6	87.6	87.7	87.7	87.7	87.8	87.9	87.9	88.0	88.0
≥ 1000	49.3	82.7	85.4	87.2	88.3	88.6	88.9	89.2	89.2	89.3	89.3	89.3	89.4	89.5	89.5	89.6	89.6
IV 900	49.5	83.4	86.3	88.2	89.4	89.7	90.1	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.7	90.7	90.7
≥ 800	49.6	84.2	87.3	89.4	90.8	91.1	91.5	91.8	91.8	91.9	92.0	92.0	92.1	92.1	92.2	92.2	92.2
IV 700	49.7	84.7	88.1	90.4	91.8	92.3	92.8	93.1	93.1	93.2	93.2	93.2	93.3	93.4	93.4	93.5	93.5
≥ 600	49.7	85.1	88.7	91.1	92.8	93.3	93.9	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.7	94.8	94.8
IV 500	49.7	85.7	89.6	92.2	94.2	94.9	95.8	96.3	96.4	96.6	96.6	96.7	96.8	96.8	96.9	97.0	97.0
≥ 400	49.8	85.9	89.9	92.7	94.9	95.7	96.9	97.6	97.7	98.0	98.1	98.1	98.3	98.3	98.4	98.5	98.5
IV 300	49.8	85.9	90.0	92.9	95.1	96.0	97.3	98.2	98.4	98.7	98.9	98.9	99.1	99.1	99.3	99.4	99.4
≥ 200	49.8	85.9	90.0	92.9	95.1	96.1	97.4	98.4	98.7	98.9	99.1	99.2	99.4	99.4	99.7	99.8	99.8
IV 100	49.8	85.9	90.0	92.9	95.1	96.1	97.4	98.4	98.7	98.9	99.1	99.2	99.5	99.5	99.7	100.0	100.0
≥ 0	49.8	85.9	90.0	92.9	95.1	96.1	97.4	98.4	98.7	98.9	99.1	99.2	99.5	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

720306

COLUMBUS AFB MS

69-70,73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	26.2	48.9	51.5	53.1	54.4	54.3	55.2	55.5	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8
≥ 20000	29.7	55.3	58.2	60.1	61.4	61.8	62.3	62.6	62.7	62.8	62.9	62.9	62.9	62.9	63.0	63.0
≥ 18000	30.0	55.8	58.7	60.5	61.9	62.3	62.8	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.5	63.5
≥ 16000	30.3	56.2	59.2	61.0	62.3	62.8	63.3	63.6	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.0
≥ 14000	30.9	57.2	60.2	62.1	63.4	63.9	64.4	64.7	64.8	64.9	65.0	65.0	65.0	65.0	65.1	65.1
≥ 12000	31.6	58.7	61.8	63.7	65.1	65.6	66.0	66.4	66.5	66.6	66.7	66.7	66.7	66.7	66.8	66.8
≥ 10000	32.6	61.1	64.3	66.3	67.8	68.2	68.8	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.5	69.5
≥ 9000	32.9	61.7	64.9	66.9	68.4	68.8	69.3	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.1	70.1
≥ 8000	33.5	63.5	66.8	68.9	70.4	70.9	71.5	71.8	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.3
≥ 7000	34.2	64.7	68.1	70.3	71.8	72.3	72.9	73.3	73.4	73.5	73.6	73.6	73.6	73.6	73.7	73.7
≥ 6000	34.6	65.6	69.1	71.3	72.9	73.4	73.9	74.3	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.7
≥ 5000	35.1	66.9	70.5	72.8	74.4	75.0	75.5	75.9	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.4
≥ 4500	35.4	67.9	71.6	73.9	75.6	76.1	76.7	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.6
≥ 4000	36.0	69.4	73.1	75.6	77.3	77.9	78.5	78.9	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3
≥ 3500	36.7	70.8	74.6	77.0	78.8	79.4	80.0	80.4	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.9
≥ 3000	37.5	72.7	76.7	79.2	81.1	81.7	82.3	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.2	83.2
≥ 2500	38.1	74.8	78.9	81.5	83.5	84.1	84.8	85.2	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.7
≥ 2000	38.9	76.5	80.7	83.5	85.5	86.1	86.9	87.3	87.5	87.6	87.6	87.7	87.7	87.7	87.8	87.8
≥ 1800	39.0	77.1	81.3	84.1	86.1	86.8	87.5	88.0	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.5
≥ 1500	39.5	78.8	83.2	86.1	88.3	89.0	89.8	90.2	90.4	90.5	90.5	90.6	90.6	90.6	90.7	90.7
≥ 1200	39.8	79.8	84.4	87.4	89.7	90.4	91.2	91.7	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.3
≥ 1000	39.9	80.6	85.4	88.5	90.9	91.6	92.5	93.0	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.6
≥ 900	40.0	81.1	85.9	89.1	91.5	92.3	93.3	93.8	93.9	94.1	94.1	94.2	94.2	94.2	94.3	94.3
≥ 800	40.1	81.5	86.4	89.8	92.3	93.2	94.2	94.7	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.3
≥ 700	40.1	81.8	86.8	90.3	93.0	93.9	94.9	95.5	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1
≥ 600	40.2	82.1	87.2	90.9	93.7	94.7	95.8	96.4	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.0
≥ 500	40.2	82.3	87.6	91.4	94.4	95.4	96.7	97.3	97.6	97.7	97.9	97.9	97.9	98.0	98.0	98.1
≥ 400	40.2	82.4	87.7	91.6	94.7	95.9	97.2	98.0	98.3	98.5	98.6	98.6	98.7	98.8	98.8	98.9
≥ 300	40.2	82.4	87.8	91.7	94.9	96.0	97.5	98.3	98.7	98.9	99.1	99.1	99.2	99.3	99.4	99.4
≥ 200	40.2	82.4	87.8	91.7	94.9	96.1	97.5	98.5	98.8	99.1	99.3	99.4	99.5	99.6	99.7	99.8
≥ 100	40.2	82.4	87.8	91.7	94.9	96.1	97.5	98.5	98.8	99.1	99.4	99.4	99.6	99.7	99.8	100.0
≥ 0	40.2	82.4	87.8	91.7	94.9	96.1	97.5	98.5	98.8	99.1	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 87565

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

WORLD CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

12:3 COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
JAN	0-02	30.9			9.7							10.3	49.0	6.1	928
	3-05	27.7			9.9							8.3	52.0	6.2	925
	6-08	13.9			15.9							11.9	53.3	6.9	925
	9-11	14.2			17.7							14.4	53.7	7.2	929
	12-14	15.6			17.7							15.1	51.6	7.0	930
	15-17	15.8			17.7							15.7	50.8	7.0	930
	18-20	25.0			15.4							10.5	49.1	6.3	929
	21-23	27.5			11.5							6.2	50.8	6.2	928
TOTALS		22.5			14.4							11.8	51.3	6.6	7424

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

02-3 COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
FEB	0-02	37.2			12.3							11.2	39.3	5.3	839
	03-05	35.1			12.7							9.4	42.7	5.5	840
	06-08	22.0			18.1							16.0	43.9	6.4	838
	09-11	17.4			16.8							17.2	48.6	6.9	844
	12-14	14.9			20.2							19.4	45.5	6.9	846
	15-17	17.1			19.8							19.0	44.2	6.7	844
	18-20	22.8			21.1							17.6	38.6	6.1	843
	21-23	32.6			15.4							14.5	37.5	5.5	843
TOTALS		24.9			17.1							15.5	42.5	6.2	6737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

20376

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	27.5			15.0						12.2	45.4	6.1	928
	03-05	24.7			13.4						11.7	50.2	6.5	920
	06-08	13.3			17.0						18.0	51.7	7.3	926
	09-11	11.3			15.4						19.8	50.5	7.4	930
	12-14	9.8			20.3						21.8	48.1	7.4	930
	15-17	11.0			18.7						19.1	51.2	7.4	930
	18-20	16.2			20.9						16.9	46.0	6.8	928
	21-23	26.1			17.6						13.4	42.8	6.0	930
TOTALS		17.5			17.7						16.6	48.2	6.9	7422

2

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

123306 COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	36.2			16.2						15.4	32.2	5.1	897
	03-05	23.0			20.8						16.4	34.7	5.6	895
	06-08	21.1			16.8						19.7	42.4	6.5	899
	09-11	13.0			21.2						15.9	44.8	6.6	899
	12-14	12.6			24.4						21.7	41.3	6.8	900
	15-17	14.1			25.4						21.1	39.3	6.6	900
	18-20	22.7			26.9						16.6	35.9	5.9	900
	21-23	36.8			17.0						13.9	32.3	5.0	900
TOTALS		23.4			21.1						17.6	37.9	6.0	7190

283 JF COLUMBUS AFB MS

70,73-81

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	41.4			24.4							19.6	14.6	4.0	923
	03-05	31.3			29.2							18.3	21.2	4.6	904
	06-08	17.3			32.3							23.2	27.2	5.8	907
	09-11	13.8			38.5							27.5	20.2	5.6	927
	12-14	1.5			44.0							35.2	19.4	6.4	930
	15-17	4.0			42.5							30.2	23.3	6.3	930
	18-20	16.0			30.9							26.8	26.4	6.0	927
	21-23	35.6			27.8							15.6	21.1	4.3	925
TOTALS		20.1			33.7							24.6	21.7	5.4	7373

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL WEATHER SERVICE/MAC

SKY COVER

128308

COLUMBUS AFB MS

69-70,73-80

SEP

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	
SEP	00-02	37.1			22.3							14.6	25.9	4.6	883
	03-05	27.9			23.5							17.5	31.1	5.4	872
	06-08	12.2			27.2							22.5	38.1	6.7	879
	09-11	14.4			27.3							23.6	34.7	6.4	897
	12-14	6.8			33.8							27.1	32.3	6.7	899
	15-17	11.2			32.4							23.7	32.6	6.4	898
	18-20	22.9			23.6							19.8	33.7	5.9	899
	21-23	35.6			22.3							16.6	25.5	4.7	897
	TOTALS	21.0			26.6							20.7	31.7	5.9	7124

USAFETAC

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

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION COLUMBUS AFB MS

PERIOD 69-70, 73-80

MONTH DEC

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
DEC	0-22	33.3			15.8						11.4	39.5	5.4	924
	23-25	33.9			15.2						10.2	40.6	5.4	925
	26-28	21.4			19.9						13.9	44.8	6.3	925
	29-31	19.6			21.0						16.6	42.9	6.4	930
	12-14	15.3			23.6						20.3	40.8	6.5	930
	15-17	15.3			23.4						21.4	39.9	6.6	930
	18-20	23.1			17.7						14.1	47.0	5.8	924
	21-23	33.7			14.4						12.1	39.8	5.5	923
TOTALS		25.5			15.5						15.0	41.0	6.0	7411

NATIONAL CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/MAC

SKY COVER

0-37 COLUMBUS AFB MS

69-70,73-91

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	22.5			14.4						11.8	51.3	6.6	7424
FEB		24.9			17.1						15.5	42.5	6.2	6737
MAR		17.5			17.7						16.6	48.2	6.9	7422
APR		20.4			21.1						17.6	37.9	6.0	7193
MAY		17.0			23.8						18.7	38.2	6.2	7344
JUN		15.8			32.3						22.4	26.6	5.6	7163
JUL		15.7			33.3						25.8	25.2	5.9	7363
AUG		20.1			33.7						24.6	21.7	5.4	7373
SEP		21.0			26.6						20.7	31.7	5.9	7124
OCT		36.3			23.8						14.5	25.4	4.6	7405
NOV		27.4			19.9						15.6	35.1	5.5	7172
DEC		25.5			19.5						15.0	41.0	6.0	7411
TOTALS		20.9			23.5						18.2	35.4	5.9	67128

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

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

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

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

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

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

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), 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.

2
 FEDERAL CLIMATOLOGY BRANCH
 SAFETAC
 AT WEATHER SERVICE/MAC
 72-3-6 COLUMBUS AFB MS
 STATION STATION NAME

DAILY TEMPERATURES

42-46, 58-81 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105							.1	.1					.0
100						.6	4.4	1.6	.1				.6
95					1.0	13.7	23.4	15.8	5.0				4.9
90				.2	13.5	48.4	63.6	56.2	26.9	.9			17.6
85			.7	10.5	37.8	79.0	88.8	88.1	54.4	12.3			31.1
80	.5	1.3	8.2	37.1	64.7	93.2	97.5	98.2	77.3	36.4	3.6	.1	43.4
75	2.4	5.8	19.7	57.1	81.8	98.5	99.5	99.9	90.0	59.1	16.4	2.3	52.9
70	8.1	15.7	37.6	77.3	94.5	99.6	100.0	100.0	96.4	75.6	34.8	8.7	62.6
65	16.7	27.2	55.4	89.0	98.7	100.0			99.0	90.1	52.8	18.5	70.9
60	28.0	41.8	71.1	95.2	99.9				99.9	96.2	68.4	33.2	78.0
55	42.2	56.5	82.4	99.2	100.0				100.0	99.0	79.5	49.0	84.1
50	56.3	72.6	91.2	99.9						100.0	89.3	67.3	89.8
45	69.7	83.7	95.9								96.8	81.2	94.0
40	82.2	92.2	98.1	100.0							99.4	91.0	96.9
35	90.9	97.9	99.8								99.8	97.4	98.8
30	96.9	99.7	99.9								100.0	99.8	99.7
25	98.8	100.0	100.0									99.9	99.9
20	99.5												99.9
15	99.9											100.0	100.0
10	100.0												100.0
MEAN	51.5	56.6	65.0	75.2	81.6	88.6	90.9	89.9	84.4	75.4	64.0	54.4	73.1
S D	12.356	11.467	10.859	8.013	7.047	5.619	5.264	4.690	7.187	8.054	10.199	10.644	16.356
TOTAL OBS	836	747	837	840	867	810	837	837	780	806	810	837	9844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC

DAILY TEMPERATURES

AFB WEATHER SERVICE/MAC
STATION 723306 COLUMBUS AFB MS
STATION NAME

42-46, 58-81 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
30							.2						.0
75					.1	4.7	12.8	8.0	1.2	.1			2.3
70				.7	5.4	45.9	75.4	63.7	27.1	1.2			18.4
65		.3	1.6	6.8	32.1	78.0	94.6	90.1	57.2	7.8	1.5	.1	31.0
60	1.3	1.6	7.6	25.2	58.2	93.1	99.2	97.6	74.5	20.0	4.9	1.6	40.7
55	5.1	5.8	16.2	44.8	77.6	98.6	100.0	99.9	88.3	35.5	11.5	5.4	49.3
50	9.9	12.4	30.5	63.7	90.0	99.6		100.0	95.3	53.0	23.6	10.5	57.7
45	16.1	22.8	44.0	79.5	98.0	99.9			98.8	71.1	38.1	19.2	65.9
40	25.0	34.1	61.4	92.6	99.8	100.0			99.6	87.7	54.7	31.9	74.1
35	39.1	49.8	80.5	98.8	100.0				100.0	97.3	73.6	47.1	82.4
30	46.5	58.8	86.0	99.6						98.8	79.6	54.4	85.5
25	59.4	70.0	93.9	100.0						100.0	89.4	68.7	90.2
20	78.5	87.0	97.5								97.7	87.2	95.7
15	90.3	96.0	99.4								99.6	95.3	98.4
10	95.6	99.1	100.0								100.0	99.2	99.5
5	98.4	100.0										99.8	99.8
0	99.0											99.9	99.9
-5	99.9											100.0	100.0
-10	100.0												100.0
MEAN	32.9	35.9	43.7	52.6	60.0	67.9	71.0	70.0	64.1	50.6	41.6	35.2	52.1
S.D.	11.500	10.619	10.230	8.607	7.059	5.101	3.542	3.978	7.287	9.272	10.089	10.338	16.079
TOTAL OBS	836	747	837	840	867	810	837	837	780	806	810	837	9844

2

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 723306 COLUMBUS AFB MS
 STATION STATION NAME

42-46, 58-81 YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
21						.1	.6	.1					.1
25						8.0	18.5	9.8	1.7				3.2
30				.2	7.0	46.0	70.5	60.1	25.1	.5			17.6
35			.6	4.9	32.9	81.4	95.7	93.0	55.1	6.6	.5		31.0
40	.1	.8	7.0	26.9	62.7	95.3	99.4	99.8	78.7	22.1	3.5	.4	41.6
45	2.6	4.7	16.7	51.7	83.5	99.5	100.0	100.0	92.4	45.7	12.6	2.7	51.3
50	8.7	12.6	32.4	74.6	95.2	100.0			97.8	67.1	25.8	8.7	60.5
55	14.0	23.4	50.4	88.9	99.4				99.4	85.7	43.8	17.2	68.8
60	24.8	35.2	67.9	96.2	100.0				100.0	96.2	64.4	29.3	76.4
65	40.1	55.7	84.1	99.8						100.0	80.5	48.4	84.2
70	59.7	74.6	93.3	99.9							92.8	73.5	91.2
75	76.8	87.8	97.7	100.0							98.5	87.1	95.7
80	88.5	96.3	99.6								99.8	95.6	98.3
85	95.3	99.5	99.9								99.9	99.2	99.5
90	98.4	100.0	100.0								100.0	99.8	99.8
95	99.3											99.9	99.9
100	99.6											100.0	100.0
105	100.0												100.0
110													
115													
120													
125													
130													
135													
140													
145													
150													
155													
160													
165													
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195													
200													
205													
210													
215													
220													
225													
230													
235													
240													
245													
250													
255													
260													
265													
270													
275													
280													
285													
290													
295													
300													
MEAN	42.4	46.5	54.5	64.1	71.0	78.5	81.2	80.2	74.5	63.2	53.0	45.0	62.8
S D	11.072	10.224	9.746	7.339	6.302	4.704	3.775	3.660	6.417	7.544	9.297	9.564	15.785
TOTAL OBS	836	747	837	840	867	810	837	837	780	806	810	837	9844

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

723306 STATION COLUMBUS AFB MS STATION NAME 42-46, 58-81 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS	
42			79	89	94	96	101	98	94	88	81	75		
43	*	81	75	83	90	94	98	104	106	93	87	80	78	106
44		76	76	82	86	95	102	102	99	96	90	80	72	102
45		69	80	87	86	95	98	101	100	98	90	81	64	101
46		75*	70		88	86								
58											82	71		
59		75	80	83	86	91	98	96	97	95	90	84	69	98
60		73	73	73	86	92	97	99	98	97	90	77	69	99
61		68	79	82	84	88	92	93	97	94	85	84	76	97
62		72	84	78	87	96	95	100	100	95	88	75	71	100
63		75	70	86	87	91	104	94	94	93	91	79	68	104
64		69	63	79	88	95	99	95	99	95	84	82	79	99
65		73	77	80	88	92	96	96	95	92	86	83	72	96
66		71	72	83	84	89	94	101	95	92	83	81	79	101
67		75	72	88	87	94	98	93	89	89	88	76	77	98
68		71	67	83	87	91	97	98	96	88	89	81	66	98
69		73	73	79	84	91	100	99	98	92	87	80	69	100
70		73	70	77	87	93	95	100	97	95	88	77	78	100
71		74	73	76	85	85	96	99	91	90	89	82	73	99
72		78	76	81	89	89	97	98	97	98	88	78	72	98
73		70	69	81	82*	88	93	94	95	91	87	79	73	95
74		75	74	87	86	93	93	94	91	87	83	83	73	94
75		78	73	81	88	91	91	97	93	93	89	83	76	97
76		70	81	84	86	85	91	98	95	86	85	72	67	98
77		60	82	84	86	92	100	102	99	100	92	77	73	102
78		70	68	84	87	95	98	97	98	94	86	80	83	98
79		65	75	82	82	85	94	97	94	90	86	77	71	97
80		68	82	77	87	90	95	105	103	99	88	78	71	105
81		68	80	84	87	90	95	103	99					
MEAN	71.7	74.8	81.6	86.4	91.2	96.4	98.4	96.8	93.3	87.6	79.7	72.8	99.2	
S.D.	4.057	5.248	3.587	1.912	3.270	3.140	3.364	3.620	3.620	2.352	2.933	4.458	2.534	
TOTAL OBS	836	747	837	840	867	810	837	837	780	806	810	837	9844	

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

723306 STATION COLUMBUS AFB MS STATION NAME 42-46, 58-81 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42			30	33	46	61	66	62	36	30	30	25	
43	* 15	17	15	33	50	69	64	60	47	32	25	15	* 15
44	21	20	30	32	39	56	59	65	55	33	28	19	19
45	20	20	32	38	42	56	61	58	54	38	22	14	14
46	19*	25		39	46								
58											25	14	
59	11	22	31	35	48	62	67	65	59	41	20	28	11
50	15	13	17	37	41	57	64	69	57	37	27	15	13
61	15	21	33	37	44	58	62	57	46	30	26	20	15
62	1	22	27	32	49	60	62	62	44	32	28	3	1
63	1	10	31	40	40	60	61	59	47	32	25	14	1
64	14	18	28	37	50	53	58	57	46	31	20	18	14
65	12	16	23	39	48	56	61	60	44	30	21	19	12
66	-2	18	24	35	41	43	66	57	52	34	23	17	-2
67	21	18	29	41	45	60	55	56	37	34	25	25	18
68	17	17	22	36	41	56	61	54	50	31	24	17	17
69	12	26	23	41	44	51	65	60	47	35	21	25	12
70	6	14	29	34	43	58	57	62	48	38	15	20	6
71	14	12	24	32	38	61	62	60	59	42	27	30	12
72	8	21	28	34	52	49	57	63	47	33	23	20	8
73	18	20	38	35*	46	61	63	59	48	37	30	18	18
74	24	20	29	37	53	53	64	58	42	35	25	22	20
75	20	23	26	33	57	57	62	67	44	40	28	18	18
76	15	25	34	36	42	55	62	58	48	34	18	15	15
77	2	17	31	35	46	50	65	63	58	35	28	19	2
78	16	19	20	36	48	58	68	67	56	34	32	18	16
79	12	16	30	39	47	56	61	62	55	38	26	22	12
80	26	20	17	41	50	54	70	68	58	36	30	22	17
81	16	14	31	42	46	60	64	65					
MEAN	13.6	18.4	27.1	36.4	45.8	56.7	62.5	61.2	49.4	34.7	24.4	19.0	11.8
S. D.	7.294	3.859	5.563	3.010	4.594	4.992	3.479	3.955	6.487	3.403	4.013	5.302	6.281
TOTAL OBS	836	747	837	840	867	810	837	837	780	806	810	837	9844

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7253.6 COLUMBUS AFB MS

70, 73-81

JAN
 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		
6 / 67			.4	.2																6	6		
6 / 65				.1																1	1		
4 / 63		.6	.5	.2																13	13	6	
4 / 61		1.2	.6	.1																18	18	7	4
4 / 59		1.5	.8	.1																22	22	21	15
4 / 57	.2	1.8	.5	.2	.1															27	27	30	25
5 / 55	.2	.8	.3	.4	.5															21	21	23	22
4 / 53		.9	.9	.2	.2															20	20	7	18
2 / 51	.1	1.2	.3	.3	.2	.3														23	23	21	18
5 / 49	.4	1.2	.5	.6			.3													26	26	23	11
4 / 47	.1	1.3	.1	.9	.3															25	25	27	26
4 / 45	.1	2.2	1.4	.9	.3	.1														46	46	25	23
4 / 43	.3	1.5	.8	1.1	.1															35	35	30	14
2 / 41	.3	2.8	1.3	.5	.8															53	53	48	20
4 / 39	.5	3.8	1.3	1.9	.3															64	64	45	43
3 / 37	.4	3.5	2.7	.5																67	67	70	36
2 / 35		2.9	1.9	.4																49	49	54	55
3 / 33	.1	3.5	2.2	.9																62	62	75	49
2 / 31	.2	5.3	2.6	.2	.3															80	80	51	53
3 / 29		4.4	1.8	.3																61	61	81	59
2 / 27	.3	5.1	.8	.3																60	60	64	45
2 / 25	.1	3.7	1.4	.1																49	49	75	70
2 / 23	.1	2.0	1.1																	30	30	38	38
2 / 21	.3	.6	.9																	17	17	34	69
2 / 19	.1	1.3	.5																	18	18	26	65
1 / 17		.9	.2																	10	10	11	23
1 / 15		1.5	.3																	17	17	16	25
1 / 13		.1																		1	1	11	21
1 / 11																						2	25
10 / 9		.5																		5	5	1	18
7 / 7		.4																		4	4	6	13
4 / 5																						2	6
4 / 3																							10
1 / 1																							5
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723306 COLUMBUS AFB MS 70, 73-81 JAN
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
6 / 67			.6															6	6		
6 / 65		.1	.3															4	4		
4 / 63		.8	.2															9	9	7	
4 / 61		1.2	.4															15	15	12	8
4 / 59	.1	1.1	1.1															21	21	15	18
4 / 57	.3	1.6	.4	.1	.1													24	24	21	17
5 / 55	.8	.3	.3	.3														16	16	29	24
4 / 53		1.3	.4	.1														17	17	3	17
5 / 51	.4	1.4	.3	.5		.2												27	27	27	15
5 / 49	.3	1.1	.6	.3		.1												23	23	20	16
4 / 47	.1	1.8	.6	.1	.2													28	28	18	20
4 / 45	.2	2.2	.6	.6	.3													37	37	29	27
4 / 43	.2	2.2	1.1	.5	.1													38	38	33	12
4 / 41	.4	2.5	1.6	.2	.3													47	47	45	30
4 / 39	.1	3.4	1.3	.6														51	51	39	34
3 / 37	.2	3.0	1.7	.4	.1													52	52	56	37
3 / 35	.4	3.5	1.5	.8	.1													59	59	49	45
3 / 33	.5	3.9	2.2	.1														62	62	68	42
2 / 31	.8	4.6	2.5	.1	.1													75	75	66	54
2 / 29	.2	4.5	1.3	.3														59	59	65	57
2 / 27	.3	4.3	1.1	.2														55	55	61	49
2 / 25	.3	4.2	1.4	.1														56	56	70	64
2 / 23	.4	2.3	1.3															37	37	47	43
2 / 21	1.0	2.8	1.1															45	45	47	60
2 / 19	.3	1.5	1.0															26	26	41	51
1 / 17		.6																6	6	19	39
1 / 15		1.2																11	11	12	32
1 / 13		1.3																12	12	9	25
1 / 11	.1	.2																3	3	12	29
1 / 9		.1																1	1	1	18
1 / 7		.2																2	2	3	18
1 / 5		.3																3	3		7
1 / 3	.3																	3	3	6	10
1 / 1																					4
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7283 6 STATION COLUMBUS AFB MS STATION NAME YEARS 70, 73-81 MONTH JAN

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
/ -1																					5
/ -7																					3
TOTAL	7.1	59.5	25.1	5.6	1.4	.4											930	930	930	930	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_n	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	5053851	72835	78.3	12.691	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	1368161	33785	36.3	12.312	930		39.4	.6				93									
Wet Bulb	1221106	31764	34.2	12.109	930		45.9					93									
Dew Point	1019748	27902	30.0	14.021	930		.8	56.8				93									

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1253 COLUMBUS AFB MS 70,73-81 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
67 / 67			.5															5	5		
66 / 65		.2	.4															6	6		
64 / 63		.2																2	2	7	
62 / 61		.9	.6	.1														15	15	9	7
60 / 59	.1	1.7	.6															23	23	13	14
58 / 57	.3	1.1																13	13	23	15
56 / 55	.2	1.3	1.1	.3														27	27	18	21
54 / 53	.3	1.3	.1															16	16	19	19
52 / 51	.4	1.3	.3	.2														21	21	24	24
50 / 49	.3	.8	1.3	.2	.1													25	25	14	19
48 / 47		1.3	.4	.4	.2													22	22	16	7
46 / 45	.5	2.6	.6	.3	.2													40	41	38	27
44 / 43	.4	3.8	1.0	.2														50	50	29	28
42 / 41	.3	.8	1.8	.2														29	29	46	24
40 / 39	.4	3.8	1.9	.4														61	61	26	35
38 / 37	.4	2.9	1.2		.2													44	44	64	26
36 / 35	.6	3.6	1.5	1.4	.2													68	68	52	53
34 / 33	.8	4.4	1.6		.1													64	64	61	47
32 / 31	.8	4.0	2.0		.1													64	64	62	52
30 / 29	.5	3.6	2.2															58	58	65	61
28 / 27	.6	3.9	1.7															58	58	65	40
26 / 25	.1	4.5	1.2															54	54	67	63
24 / 23	.4	1.5	1.8															35	35	50	30
22 / 21	.5	3.4	.9															45	45	40	53
20 / 19	.9	2.0	.8															34	34	45	60
18 / 17	.1	1.0	.3															13	13	26	43
16 / 15		.9																8	8	12	27
14 / 13		1.7																16	16	14	34
12 / 11	.1	.3																4	4	14	31
10 / 9		.1																1	1	1	17
8 / 7																				1	13
6 / 5	.2	.1																3	3	2	17
4 / 3	.1	.3																4	4	5	11
2 / 1	.1																	1	1	1	5
Element (X)	Σ X ²		Σ X		Σ 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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

2

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7253.6 COLUMBUS AFB MS
STATION STATION NAME

70, 73-81 YEARS

JAN MONTH

PAGE 2 0600-0900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ -1																					1
- / -3																					2
- / -5																					1
- / -7																					2
TOTAL	929	59	12	6	0	3	9	1	2								929	930	929	929	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.				Mean No. of Hours with Temperature						Total						
Rel. Num.	5956485	73499	79.1	12.349	929				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	1332002	33278	35.8	12.329	930					39.8	.5				93						
Wet Bulb	1195819	31349	33.7	12.192	929					47.1					93						
Dew Point	1006027	27627	29.7	14.098	929				.6	56.4					93						

USAETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

122301 COLUMBUS AFB MS

70, 73-81

YEARS

JAN
 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
67 / 75					.1													1	1		
67 / 71			.1															1	1		
67 / 69			.3															3	3		
67 / 67			.9	.3														10	10	2	
67 / 65			.5	.4		.1	.1											11	11	4	1
67 / 63		.3	.8	.3	.1			.1										15	15	7	5
67 / 61		1.2	.6				.1											18	18	14	7
67 / 59	.1	1.0	.4	.3	.2	.2		.1										22	22	27	15
67 / 57	.1	.9	1.0	.4	.1	.3	.1											27	27	15	19
67 / 55	.4	1.3	.4	.6	.5	.5												36	36	18	30
67 / 53	.3	.9	.5	.9	.2	.6												32	32	32	17
67 / 51	.2	.8	.4	.6	1.1	.2												31	31	17	24
67 / 49	.3	1.4	.8	.8	.6	.2												38	39	27	15
67 / 47	.3	2.4	.9	1.4	.5													51	51	43	12
67 / 45	.1	2.0	1.7	1.6	.8	.3												61	61	46	39
67 / 43		2.4	1.2	1.6	.3	.2												53	53	47	26
67 / 41	.1	2.2	1.8	1.2	.4	.2												55	55	62	34
67 / 39	.1	2.8	2.5	1.5	.6	.1												71	71	56	30
67 / 37	.1	1.5	1.6	1.5	.3	.1												48	48	64	58
67 / 35	.6	1.8	1.5	1.5	.1													52	52	61	62
67 / 33	.1	1.6	2.0	.9	.2													45	45	52	49
67 / 31	.3	2.0	3.2	.5														57	57	53	55
67 / 29		1.5	2.6	.9														46	46	56	43
67 / 27		2.3	1.8	.5														43	43	50	40
67 / 25	.1	.9	1.9	.2														29	29	52	47
67 / 23		.4	1.0	.2														15	15	36	40
67 / 21		.4	.9	.1														13	13	24	32
67 / 19		.8	2.0															26	26	15	60
67 / 17		.3	.4															7	7	24	26
67 / 15		.3	.1															4	4	10	17
67 / 13		.1	.1															2	2	6	25
67 / 11		.1																1	1	2	29
67 / 9		.2																2	2	2	21
67 / 7		.1																1	1	2	14
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A113 713

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
COLUMBUS AFB, MISSISSIPPI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(11)
FEB 82

UNCLASSIFIED

USAFETAC/DS-82/015

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GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 120309 COLUMBUS AFB MS STATION NAME 70.73-81 YEARS JAN
 MONTH 09CU-1100
 HOURS (L. S. T.)

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5																				1	4
3																					15
1																					8
-1																					5
-3																					2
-5																					1
12.1	3.5	33.9	34.1	18.4	6.4	3.2	.3	.2										928		927	
																	927		927		
Element (X)	ΣX ²		ΣX		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total							
Ref. Num.	4826605		65233		70.4	15.970	927	≤ 0 F	≤ 32 F	≈ 67 F	≈ 73 F	≈ 80 F	≈ 93 F	Total							
Dry Bulb	1699362		38102		41.1	12.066	928		24.7	1.5	.1			93							
Wet Bulb	1431886		34756		37.5	11.793	927		33.4	.2				93							
Dew Point	1121504		29310		31.6	14.503	927	.8	48.6					93							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72336 COLUMBUS AFB MS 70.73-81 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31		Dry Bulb	Wet Bulb	Dew Point
/ 7																					13
/ 5																					11
/ 3																					12
/ 1																					7
/ -1																					3
/ -3																					1
TOTAL	1.3	22.0	15.2	21.8	17.6	11.4	6.3	3.0	.6	.4	.2							930	930	930	
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.	3723470		56018		60.2	19.389	930	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	2132398		43002		46.2	12.452	930		14.7	5.9	.8			93							
Wet Bulb	1640513		37601		40.4	11.378	930		24.6	.2				93							
Dew Point	1146497		29745		32.0	14.493	930	.4	47.1					93							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 77						.1		.2										3	3		
76 / 75					.1	.3												5	5		
74 / 73					.1	.1	.1		.1									4	4		
72 / 71				.4	.4	.1	.1		.1	.1								12	12		
7 / 69				1.0	.8	.2	.5	.1	.1									25	25		
6 / 67			.5	.3	.4	.3	.2	.1	.2	.3	.1							24	24	2	
67 / 65			.1	.3	.6	.4	.1	.5	.1									21	21	9	
64 / 63		.2	.3	.3	.3	.5	.4	.5	.3									28	28	24	
6 / 61		.9	.2	.1	.3	.3		.9	.1									26	26	17	13
6 / 59		.5	.6	.3	.6	.5	.9	.2										43	43	22	19
6 / 57	.2	.6	.2	.6	.6	.8	.5	.3	.2									39	39	27	29
5 / 55		.8	.2	.2	.6	.8	1.0	.9	.1									42	42	22	16
64 / 53	.1	.2		.3	1.0	1.0	1.0	.9										41	41	30	22
6 / 51		1.1	.9	.3	.9	.8	.8	.1										44	44	29	14
5 / 49		1.6	.4	.8	1.1	.9	.9											52	52	37	15
4 / 47		2.4	.3	.4	1.3	1.1	.3											54	54	57	29
4 / 45	.1	1.2	.5	1.6	1.2	.6												49	49	64	37
64 / 43		.9	.8	.5	1.5	.6												40	40	50	29
6 / 41	.2	1.7	.9	1.0	1.1	.5	.1											51	51	61	23
4 / 39	.2	1.0	1.2	1.2	.8	1.2												51	51	65	45
3 / 37	.2	2.6	.9	1.2	1.7	.2												63	63	58	35
7 / 35		1.3	.3	2.0	1.2													45	45	67	43
3 / 33	.1	.8	1.2	1.0	1.4													41	41	46	65
6 / 31		1.2	1.0	1.9	.5													43	43	41	67
7 / 29	.1	1.6	.8	1.0	.4													36	36	61	44
2 / 27		.1	.1	1.4	.2													17	17	51	34
7 / 25		.6	.4	.1														11	11	32	49
2 / 23			.5	.3														8	8	22	35
2 / 21			.8															7	7	16	43
7 / 19		.2	.2															4	4	12	48
1 / 17		.1																1	1	6	35
1 / 15																				2	23
1 / 13																					21
1 / 11																					27
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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

120306 COLUMBUS AFB MS 70, 73-81 JAN
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
/ 9																				24	
/ 7																				18	
/ 5																				11	
/ 3																				8	
/ 1																				5	
/ -1																				3	
/ -3																				1	
TOTAL	1.3	21.5	13.3	18.7	19.2	11.4	6.9	5.3	1.8	.4	.1							930	930	930	
Element (X)	Σx ²		Σx		X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.	3561131		54461		58.6	20.008	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	2192435		43621		46.9	12.554	930		12.7	7.3	1.2			93							
Wet Bulb	1657990		37850		40.7	11.248	930		24.3	.2				93							
Dew Point	1127992		29488		31.7	14.414	930	.4	49.6					93							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723306 COLUMBUS AFB MS 70, 73-81 JAN
 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															
74 / 73						.1																									1	1			
72 / 71					.2		.1																								3	3			
70 / 69			.1	.3	.1																										5	5			
68 / 67			.1	.2	.1	.2																									6	6			
66 / 65		.1	.4	.2		.1																									8	8	1		
64 / 63		.3	1.0	.5	.1																										18	18	9		
62 / 61		.8	.4	.4	.4	.3	.2																								24	24	13	3	
60 / 59		.9	.6	.5	.3	.3	.1	.1																							27	27	20	16	
58 / 57	.3	.3	.2	.6	.2	.2	.2																								20	20	22	22	
56 / 55	.4	.9	.5	1.2	.1	.2	.2																								33	33	19	22	
54 / 53		.5	1.2	.8	.5	.3	.1																								32	32	20	8	
52 / 51	.3	1.6	.3	.6	1.0	.3	.1	.1																							41	41	25	24	
50 / 49		1.7	.8	1.0	1.4	.1	.3																								49	49	47	14	
48 / 47	.1	1.5	.3	1.8	1.2	.4																									50	50	36	39	
46 / 45	.1	2.0	1.3	2.0	.9	.9																									67	67	37	35	
44 / 43		1.3	1.0	2.0	.9	.2																									50	50	43	24	
42 / 41		2.5	1.7	1.2	.5																										55	55	66	36	
40 / 39	.4	.9	1.0	1.9	.3																										42	42	60	27	
38 / 37	.3	2.8	2.0	1.5	.4																										66	66	65	40	
36 / 35		2.0	1.7	.8	.3																										45	45	62	43	
34 / 33	.2	1.3	2.8	1.7	.3																										59	59	74	58	
32 / 31		1.9	3.4	2.2	.3																										73	73	35	71	
30 / 29	.2	2.6	3.3	1.2																											68	68	67	53	
28 / 27		.9	1.5																												22	22	66	41	
26 / 25		.8	1.3	.2																											21	21	60	49	
24 / 23		.2	1.5	.2																											18	18	24	40	
22 / 21		.2	.8	.1																											10	10	16	67	
20 / 19		.5	.3																												8	8	24	43	
18 / 17		.1	.2																												3	3	7	31	
16 / 15		.2	.1																												3	3	5	27	
14 / 13		.2																													2	2	4	24	
12 / 11		.1																													1	1	3	19	
10 / 9																																		16	
8 / 7																																		15	
Element (X)	Σ X ²		Σ X		Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature																										
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																				
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723306 COLUMBUS AFB MS 70.73-81 JAN
 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
/ 5																					9
/ 3																					5
/ 1																					5
/ -1																					2
/ -3																					2
TOTAL	2.5	29.1	33.0	23.3	9.7	3.8	1.4	.2											930		930
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_n	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4519519	63073	67.8	16.136	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1756978	38982	41.9	11.507	930		22.9	1.5	.1			93									
Wet Bulb	1445741	35209	37.9	11.017	930		31.1					93									
Dew Point	1089602	29230	31.4	13.563	930	.4	51.9					93									

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72 3 8 STATION COLUMBUS AFB MS STATION NAME 70, 73-81 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
69				.2													2	2		
67			.5	.1													6	6		
65		.1	.2	.1	.2												6	6		
63		.5	.4	.1	.2												12	12	9	
61		.6	.6	.3		.1											16	16	11	5
59		1.5	.6	.1	.1	.2											24	24	11	20
57	.3	.6	.4	.1	.4												18	18	25	12
55		1.1	.5	.3	.2												20	20	21	21
53		.9	1.1	.9	.6												32	32	13	12
51	.2	1.4	1.5	.6	.6	.1											42	42	21	22
49	.2	1.8	.5	.4	.5	.3											36	36	38	17
47		1.1	.5	1.1	.6	.3											34	34	37	22
45	.1	1.5	1.2	1.2	.4	.5											46	46	27	35
43	.1	2.3	1.4	.8	.5	.1											48	48	27	18
41	.2	2.2	1.4	1.3	.4												51	51	59	33
39	.3	2.5	2.5	.8													56	56	53	31
37	.9	3.0	2.4	1.7													74	74	66	51
35	.2	1.9	2.4	1.1													52	52	78	49
33		1.9	2.7	.9													51	51	53	44
31		4.2	3.3	1.1	.3												83	83	55	48
29		3.4	1.7	.4													52	52	68	68
27	.1	4.6	2.0	.2													65	65	71	43
25		1.5	2.0														33	33	68	58
23		1.1	1.3	.1													23	23	33	55
21		.8	1.1														17	17	28	67
19		.6	.6														12	12	24	51
17		.9	.2														10	10	12	22
15																			12	32
13		.2															2	2	1	22
11		.4															4	4	3	18
9		.3															3	3	5	21
7																			1	11
5																				7
3																				6
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

FEDERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-306 COLUMBUS AFB MS 70.73-81 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
/ 1																						4
/ -1																						4
- / -3																						1
TAL	2.7	43.0	33.3	13.9	5.4	1.7													930		930	
																		930		930		
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	5124329	67775	72.9	14.136	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	1559721	36545	39.3	11.537	930		30.4	.8				93										
Wet Bulb	1334221	33647	36.2	11.217	930		38.1					93										
Dew Point	1054848	28766	30.9	13.330	930	.5	53.8					93										

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1223 6 COLUMBUS AFB MS 70,73-81 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point	
7 / 77						.0		.0										3	3			
7 / 75						.0		.0										10	10			
4 / 73					.0	.1	.0		.0									9	9			
7 / 71			.0	.1	.1	.0	.1		.0	.0	.0							25	25			
7 / 69			.1	.3	.2	.1	.1	.0	.0		.0							54	54			
6 / 67			.5	.3	.1	.1	.0	.0	.1	.1	.0							86	86	6		
6 / 65		.1	.3	.2	.1	.1	.1	.1	.0									77	77	19	1	
4 / 63		.4	.4	.3	.1	.1	.1	.1	.1									122	122	90	5	
7 / 61	.1	1.0	.5	.1	.1	.2	.1	.1	.0									160	160	103	63	
7 / 59	.1	1.1	.7	.2	.2	.3	.3	.2	.0									217	217	159	133	
7 / 57	.2	1.0	.4	.3	.3	.3	.2	.1	.0									216	216	177	168	
5 / 55	.3	1.0	.5	.5	.4	.3	.2	.1	.0									240	240	175	177	
4 / 53	.1	.8	.6	.4	.5	.3	.2	.2										231	231	150	132	
2 / 51	.2	1.2	.6	.5	.6	.4	.2	.0										269	269	198	163	
5 / 49	.2	1.4	.6	.6	.6	.3	.3											300	301	250	118	
4 / 47	.1	1.7	.5	.9	.7	.3	.1											322	322	286	175	
4 / 45	.2	2.0	1.0	1.1	.7	.4	.0											402	403	329	252	
4 / 43	.1	1.9	1.0	1.0	.6	.2	.0											367	367	320	184	
7 / 41	.2	2.1	1.4	.8	.6	.1	.0											393	393	436	232	
4 / 39	.3	2.4	1.5	1.1	.4	.2												446	446	419	300	
7 / 37	.3	2.6	1.6	1.0	.5	.1												452	452	501	332	
7 / 35	.3	2.3	1.4	1.2	.4													409	409	478	398	
3 / 33	.2	2.3	2.0	.9	.3													429	429	479	413	
2 / 31	.3	3.0	2.4	1.0	.3													524	524	402	449	
7 / 29	.1	2.9	1.8	.6	.1													411	411	512	420	
2 / 27	.2	2.7	1.2	.5	.0													344	344	485	341	
7 / 25	.1	2.0	1.3	.2														271	271	456	441	
2 / 23	.1	.9	1.1	.1														174	174	269	318	
2 / 21	.2	1.0	.9	.0														162	162	226	430	
7 / 19	.2	.9	.7															132	132	199	431	
7 / 17	.1	.5	.2															55	55	116	245	
1 / 15		.5	.1															43	43	74	204	
1 / 13		.5	.0															35	35	46	198	
1 / 11	.1	.1																13	13	36	203	
Element (X)	Σ X ²		Σ X		Σ	Σ	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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-3-66 COLUMBUS AFB MS 70-73-61 JAN MONTH

PAGE 7 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		
7 / 4		.2																12	12	10	158		
7 / 7		.1																7	7	13	115		
7 / 5		.1																6	6	5	72		
7 / 3		.1	.0															7	7	11	77		
7 / 1		.1																1	1	1	43		
7 / -1																					25		
- / -3																					12		
- / -5																					3		
- / -7																					5		
TOTAL	4.1	4.6	25.4	14.4	9.0	4.0	1.9	1.1	.3	.1	.0						7436	7438		7436			
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	37129406	523748	70.4	17.356	7436	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744											
Dry Bulb	13490213	302317	40.6	12.716	7436		219.8	18.7	2.2			744											
Wet Bulb	11198742	274814	37.0	11.841	7436		286.3	.6				744											
Dew Point	8604732	230446	31.0	14.028	7436	4.5	419.2					744											

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2037 COLUMBUS AFB MS

70,73-81

FEE

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
7 / 73					.1													1	1		
7 / 71			.4															3	3		
7 / 69				.4														3	3		
6 / 67			.1															1	1	3	
6 / 65		1.3	.1		.1				.1									14	14	1	3
7 / 63		.5	.2	.1			.2											9	9	18	6
7 / 61		.5	.4	.5	.2	.1												14	14	3	11
7 / 59	.1	2.6	1.7	.1	.4													41	41	13	7
7 / 57	.1	.5	.9	.2		.2												17	17	26	24
6 / 55	.2	2.1	.7	.6	.4	.5												38	38	26	12
4 / 53	.5	.7	.7	.7	.8	.5	.1											34	34	32	29
7 / 51		.4	.9	.7	.6	.2												24	24	12	23
7 / 49	.4	1.3	1.3	.5	.5	.1												34	34	27	16
7 / 47	.4	2.4	1.2	1.7	.6													52	52	38	17
6 / 45	.4	1.9	1.2	1.1	.4	.2												43	43	55	32
4 / 43	.2	1.7	1.2	1.4	.2													40	40	36	29
7 / 41	.2	1.3	1.4	.7	.4													34	34	49	34
4 / 39	.4	2.0	1.4	.8	.1													40	40	34	34
7 / 37	.4	2.8	2.4	.6	.4													55	55	47	40
7 / 35	.5	3.7	2.1	.8	.2													62	62	57	42
3 / 33		4.3	3.2	1.3														74	74	65	39
7 / 31	.2	3.2	1.5	.2														44	44	57	70
7 / 29	.5	2.0	2.5	.1														43	43	69	59
7 / 27	.6	3.7	1.2	.1														47	47	35	52
7 / 25	.2	3.0	1.3															38	38	68	54
2 / 23		1.9	.4															19	19	32	25
7 / 21	.1	.7	.5															11	11	22	27
7 / 19		.6	.2															7	7	10	68
7 / 17			.1															1	1	6	36
1 / 15		.2																2	2	2	14
1 / 13		.1																1	1	3	17
1 / 11																					14
1 / 9																					4
1 / 7																					4
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723306 COLUMBUS AFB MS 70, 73-81 FEB

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL																																																																																							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb	Dew Point																																																																																				
100	0.3	0.4	0.2	0.2	0.6	0.5	0.3	0.1	0.2	0.1										846				846				846																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Element (X)</th> <th>$\sum X^2$</th> <th>$\sum X$</th> <th>\bar{X}</th> <th>σ_X</th> <th>No. Obs.</th> <th colspan="6">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>$\leq 0 F$</th> <th>$\leq 32 F$</th> <th>$\geq 67 F$</th> <th>$\geq 73 F$</th> <th>$\geq 80 F$</th> <th>$\geq 93 F$</th> <th></th> </tr> </thead> <tbody> <tr> <td>Rel. Hum.</td> <td>4242848</td> <td>63586</td> <td>75.2</td> <td>13.918</td> <td>846</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Dry Bulb</td> <td>1552834</td> <td>34868</td> <td>41.2</td> <td>11.704</td> <td>846</td> <td></td> <td>21.1</td> <td>.8</td> <td>.1</td> <td></td> <td></td> <td>84</td> </tr> <tr> <td>Wet Bulb</td> <td>1341305</td> <td>32317</td> <td>38.2</td> <td>11.243</td> <td>846</td> <td></td> <td>30.2</td> <td>.3</td> <td></td> <td></td> <td></td> <td>84</td> </tr> <tr> <td>Dew Point</td> <td>1093012</td> <td>28388</td> <td>33.6</td> <td>12.892</td> <td>846</td> <td></td> <td>44.5</td> <td></td> <td></td> <td></td> <td></td> <td>64</td> </tr> </tbody> </table>																												Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature						Total							$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$		Rel. Hum.	4242848	63586	75.2	13.918	846								Dry Bulb	1552834	34868	41.2	11.704	846		21.1	.8	.1			84	Wet Bulb	1341305	32317	38.2	11.243	846		30.2	.3				84	Dew Point	1093012	28388	33.6	12.892	846		44.5					64
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature						Total																																																																																													
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$																																																																																														
Rel. Hum.	4242848	63586	75.2	13.918	846																																																																																																				
Dry Bulb	1552834	34868	41.2	11.704	846		21.1	.8	.1			84																																																																																													
Wet Bulb	1341305	32317	38.2	11.243	846		30.2	.3				84																																																																																													
Dew Point	1093012	28388	33.6	12.892	846		44.5					64																																																																																													

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1283-10 COLUMBUS AFB MS 70,73-81 FEB
 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
71			.4															3	3		
67			.1	.2														3	3	3	
65		1.1	.1															10	10		3
63		.2	.1															3	3	13	3
61		.2	.5	.1						.1								8	8	3	8
59	.1	2.4	.5	.5	.2					.1								32	32	7	8
57	.5	1.9	1.1	.4	.1													33	33	28	18
55	.1	.9	.6	.2					.1									17	17	24	23
53	.4	1.3	1.1	.2				.6										30	30	22	17
51		1.4	1.2	.2	.1													25	25	22	11
49		1.3	.6	.8	.1													24	24	23	25
47	.5	.9	1.7	1.7														40	40	27	24
45	1.2	2.6	2.8	.6	.2													63	63	40	29
43	.4	2.4	1.5	.6	.2													43	43	53	29
41	.6	1.9	.5	.8														32	32	60	41
39	.7	1.5	1.2	.7	.1													36	36	33	42
37	.6	3.2	1.9	1.3														59	59	33	43
35	.5	3.3	.6	1.3														48	48	49	40
33		3.7	1.4	.9														51	51	58	39
31	.2	5.7	1.5	.2														65	65	48	35
29	1.3	3.2	1.5															51	51	81	55
27	.6	3.4	.6															39	39	45	61
25	.6	4.1	1.3															51	51	58	64
23		2.5	.1															22	22	40	19
21	.2	2.5	.6															28	28	33	30
19	.2	2.1	.2															22	22	22	69
17		.2	.1															3	3	14	41
15		.1	.2															3	3	1	21
13		.2																2	2	6	19
11																					16
9																					6
7																					1
5																					3
3																					1
Element (X)	Σ X ²		Σ X		Σ X	Σ X ²	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 71 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72306 COLUMBUS AFB MS 70, 73-81 FEB
 STATION STATION NAME YEARS 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
TOTAL	5.6	54.4	24.0	10.9	1.2	.7	.2											846	846		846

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5391192	66668	78.8	12.756	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1419681	33185	39.2	11.816	846		28.4	.6				84
Wet Bulb	1258564	31166	36.8	11.432	846		34.6	.3				64
Dew Point	1058103	27859	32.9	12.904	846		44.0					84

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7223 COLUMBUS AFB MS 70,73-81 FEB
 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
74/73				.1														1	1		
72/71			.2															2	2		
71/69				.1														1	1		
69/67			.4															3	3	3	
67/65		.6																5	5		3
64/63		.2	.1	.1														4	4	9	1
62/61		.6	.4	.4			.1											12	12	3	11
61/59	.1	2.2	.4	.4	.1		.1											25	25	15	10
61/57	.6	1.5	.4	.2														23	23	23	12
59/55		1.8	.7	.2														23	23	21	26
47/53	.2	1.2	.6	.5	.4													24	24	20	13
47/51	.4	1.5	1.1	.2	.5													31	31	20	17
49/49	.1	1.2	1.5	.4														27	27	27	24
47/47	.4	2.4	1.4	.8														42	42	24	16
45/45	1.1	2.0	1.7	1.2	.6													55	55	56	41
44/43	.4	1.9	1.9	.5	.1													40	40	31	32
42/41	.8	1.3	.9	.8	.1													34	34	45	28
40/39	.7	2.7	2.1	.2														49	49	48	36
37/37	.9	2.2	1.1	1.4														48	48	46	33
37/35	.1	3.4	2.1	.5														52	52	39	46
33/33	.2	3.0	3.3	.4														58	58	58	44
32/31	.1	5.7	1.3	.4														63	63	59	40
29/29	1.5	3.2	1.8															55	55	80	52
27/27	.6	2.6	1.3															38	38	46	66
25/25	.6	3.0	.4															33	33	48	69
23/23	.5	2.2	.8															30	30	41	24
22/21	.4	2.1	.4															24	24	27	34
21/19	.5	2.7	.2															29	29	30	51
17/17		1.1	.2															11	11	12	39
15/15		.4	.1															4	4	10	25
13/13																				5	21
11/11																					11
9/9																					10
7/7																					4
Element (X)	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										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRET CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72336 COLUMBUS AFB MS 70,73-81 FEB 66
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 5																					3
/ 3																					2
/ 1																					2
TOTAL	10.2	52.7	26.4	8.7	1.8		.2											846	846	946	
Element (X)	Σx ²	Σx	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	5466118	67156	79.4	12.651	846	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	1388959	32803	38.8	11.769	846		28.5	.7	.1			84									
Wet Bulb	1237690	30878	36.5	11.445	846		35.5	.3				84									
Dew Point	1046835	27603	32.7	12.977	846		45.0					84									

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALBANY CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 2233 A COLUMBUS AFB MS STATION NAME 70,73-81 YEARS FEB 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
67 / 75						.1	.1										2	2		
67 / 73				.2						.1							3	3		
67 / 71				.1	.4	.1		.1	.1								7	7		
67 / 69			.1	.1	.2	.1		.4	.2	.1							11	11		
67 / 67			.6	.2	.2			.4	.1								13	13	4	
67 / 65		.4	.5	.9	.2	.4	.6	.1	.1								27	27	2	2
67 / 63		.9	.8	.4	.4	.7	.4		.1								31	31	14	3
67 / 61	.1	.9	.5	.2	.4	.2	.4	.2	.2								27	27	21	15
67 / 59		1.2	.5	.4	.6	.4	.2	.4									32	32	26	14
67 / 57		1.3	1.1	.6	.7	.7	.7	.4									46	46	23	23
67 / 55		.7	.6	.7	.6	.5	.5	.2									32	32	28	27
67 / 53	.1	.9	.9	.9	.4	.8	.4										38	38	41	11
67 / 51		.7	.6	.5	1.4	.9	.1										36	36	29	23
67 / 49	.8	1.3	1.3	.6	1.4	.6											51	51	45	31
67 / 47	.2	.7	.4	1.3	.9	.5	.1										39	39	41	23
67 / 45	.1	.9	.9	1.5	1.3	.6	.1										47	47	41	34
67 / 43	.2	.1	1.5	2.0	1.1	.7											48	48	45	29
67 / 41	.1	.8	1.4	.9	.9	.1											37	37	44	30
67 / 39	.1	1.1	2.1	1.3	1.2	.2											51	51	61	20
67 / 37	.4	2.5	2.1	1.7	.6												61	61	52	32
67 / 35	.4	1.4	2.2	1.1	.4												46	46	69	47
67 / 33	.1	1.5	2.0	1.4	.2												45	45	53	63
67 / 31	.1	1.8	1.4	1.8													43	43	56	75
67 / 29		.5	1.7	.6													23	23	45	54
67 / 27		.2	1.1	.2													13	13	25	42
67 / 25		.4	1.4	.1													16	16	33	43
67 / 23		.2	.4														5	5	16	28
67 / 21		.1	1.1														10	10	15	28
67 / 19		.2	.2														4	4	8	35
67 / 17		.1	.1														2	2	6	26
67 / 15																			3	27
67 / 13																				25
67 / 11																				17
67 / 9																				9
Element (X)	Σ H ²		Σ H		Σ	σ _n	No. Obs.	Mean No. of Hours with Temperature						Total						
Rel. Hum.								≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723306 COLUMBUS AFB MS 70.73-81 FEB
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 7																					4
/ 5																					4
/ 3																					2
TAL	2.8	21.0	27.5	20.3	13.7	7.7	3.5	2.1	.9	.1	.1							846		846	
																	846		846		
Element (X)	Σ X'		Σ X		Σ	Σ		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.	3849466		55088		65.1	17.621		846		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb	1917185		38943		46.0	12.141		846			11.5	3.6	.5			84					
Wet Bulb	1529514		34708		41.0	11.178		846			20.6	.4				84					
Dew Point	1135193		28819		34.1	3.477		846			41.6					84					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72336 COLUMBUS AFB MS 70,73-81 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
7 / 81								.1	.2	.1								5	5	
7 / 79							.1	.4								.2	.1	6	6	
7 / 77							.1	.1		.2	.5							8	8	
7 / 75							.1	.6		.4	.1							12	12	
7 / 73					.1	.1	.5	.5	.4		.4							16	16	
7 / 71				.4	.5	.5	.4	.2	.7	.2								24	24	
7 / 69				.5	.6	.2	.5	.6	.5	.4	.1							28	28	
6 / 67			.6	.6	.9	.1	.6	.5	.6	.5								37	37	2
6 / 65			.4	1.1	.1	.7	.5	.6	1.3	.4								42	42	12
4 / 63		.5	.4	.4	.5	.6	.5	.7	.8	.1								37	37	26
7 / 61		.2	.6	.2	.2	.2	.9	.5										27	27	28
7 / 59		1.2	.8	.4	.1	.4	1.2	.9	.6									47	47	34
7 / 57		.8	.7	.2	.4	.4	.9	.9	.1									38	38	43
5 / 55		.6	.2	.4	.1	1.7	.6	.7										36	36	41
4 / 53		.6	.2	1.1	.4	1.5	.8	.4										42	42	37
2 / 51		.4	.5	.6	1.3	1.3	.9	.2										44	44	27
5 / 49	.2	1.4	.2	.6	.9	.7	1.7	.1										50	50	43
4 / 47	.1	.1	.5	1.3	1.8	.6	1.2											47	47	57
4 / 45		.4	.4	1.4	1.2	.7	.7											40	40	55
4 / 43		.2	.2	1.5	.9	.8												32	32	49
2 / 41	.2	.6	.7	.5	1.2	1.5												40	40	57
4 / 39	.4	.6	2.1	.2	.7	.6												39	39	49
3 / 37		.8	2.1	.5	2.2	.5												52	52	52
3 / 35		1.4	1.1	.8	.8													35	35	56
3 / 33		.7	.8	.6	.5													22	22	53
2 / 31		.8	.2	1.1	.2													20	20	38
2 / 29		.1	.5	.6														10	10	41
2 / 27			.1	.2														3	3	17
2 / 25			.4															3	3	13
2 / 23			.4															3	3	10
2 / 21			.1															1	1	3
2 / 19																				2
1 / 17																				1
1 / 15																				30
Element (X)	Σ x²		Σ x		Σ		Σ n		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

223306 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS FER MONTH

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						
13																					31						
11																					15						
9																					9						
7																					2						
5																					4						
3																					1						
72.1	.0	11.5	14.2	15.0	15.7	13.2	11.0	7.8	5.8	2.4	1.2	.2	.1				846	846		846							
Element (X)	Σ X ²	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	2785086	45524	53.8	19.923										846	≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F						84	
Dry Bulb	2449684	44220	52.3	12.795										846		4.0	13.5	4.7	.6						84		
Wet Bulb	1759066	37486	44.3	10.773										846		12.4	.2								84		
Dew Point	1150647	29011	34.3	13.579										846		41.3									84		

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723316 COLUMBUS AFB MS 70, 73-81 FEB
 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	
91																		4	4			
79								.1	.2	.1								8	8			
77							.2	.4	.4	.4	.2	.1	.1					15	15			
75						.4	.4	.2	.2	.8	.2							19	19			
73					.5	.1	.5	.1	.1	.4	.4							17	17			
71				.1	.4	.4	.2	.6	.7	.2	.2							24	24			
69			.1	.6	.8	.6	.2	.6	.4	.2	.2							32	32			
67		.1	.4	.4	.5	.4	1.1	.4	.4	1.3	.1							41	41			
65	.1	.1	.9	.7	.1	.1		.5	1.4	.8								41	41	20	1	
63		.5	1.1	.2		.5	.6	.9	.6	.5								41	41	26	2	
61		.7	.7	.1	.5	.1	.4	1.4	.7	.6								44	44	30	13	
59		1.2	.2	.2	.4	.2	1.3	.6	.6									40	40	44	27	
57		.8	.1	.1		.5	1.5	1.2										36	36	48	21	
55		.1	.1	1.1	.5	.6	1.9	.2										38	38	29	44	
53		.2	.4	.2	.2	1.9	1.2	.4	.4									41	41	24	17	
51	.2	.1	.5	.6	.7	.8	2.0	.4										45	45	36	13	
49		.6	.6	.5	1.1	1.3	1.7	.2										50	50	48	10	
47	.2	1.1	.1	1.4	.9	.4	.8											42	42	62	19	
45	.4	.6	.4	.7	.7	.8	.5											34	34	59	44	
43	.1	.4	.5	.8	1.1	2.1	.2											44	44	64	29	
41		.5	1.1	.7	.5	.9												31	31	49	21	
39	.4		1.1	.6	1.7	.9												39	39	51	22	
37	.2	.6	2.1	1.2	1.4	.1												48	48	47	34	
35		1.1	1.2	.5	.4													26	26	46	52	
33		.7	.6	.4	.6													19	19	62	51	
31		.4	.8	.6	.1													16	16	41	73	
29		.1	.1	.4														5	5	29	57	
27				.2														2	2	14	53	
25				.2														2	2	7	45	
23				.1														1	1	5	27	
21																				2	26	
19																				2	37	
17																					23	
15																					30	
Element (X)	Σ X ²		Σ X		Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 71 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 7203 5 COLUMBUS AFB MS STATION NAME 70,73-81 YEARS MONTH FEB

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
6 / 75																		1	1		
4 / 73						.2	.1			.2						.1		6	6		
7 / 71				.2	.2	.1			.2	.1								8	8		
7 / 69			.2	.2	.2	.2	.2		.2	.1								13	13		
6 / 67				.4	.1	.2	.2	.6	.1									12	12		
6 / 65		.2	.2	.4	.6	.2	.2	.2	.1									19	19	6	
4 / 63		.9	.7	.4	.2	.7	.2	.2	.1									30	30	11	2
2 / 61	.1	1.3	1.2	.8	.7	.5	.1	.8	.1									48	48	19	11
7 / 59	.4	2.1	.4	.2	.7	.6	.8	.1	.2									47	47	28	24
7 / 57		1.8	.6	.8	.4	.9	.9	.2	.1									49	49	41	26
5 / 55		.2	.7	.5	.6	1.4	.4	.5										36	36	36	25
4 / 53		.5	.1	.2	.9	.9	.6	.1										29	29	30	28
2 / 51	.1	.9	.2	.6	.9	1.3	.2											37	37	29	10
5 / 49	.2	.9	.5	1.7	1.4	.9	.5											52	52	32	21
7 / 47		1.7	.7	1.7	1.7	1.4	.1											61	61	41	22
4 / 45	.4	.9	1.4	1.7	1.1	.9	.1											55	55	57	37
4 / 43	.1	.8	1.2	1.4	.9	.4												41	41	57	31
2 / 41		.5	1.5	1.2	.6	.6												37	37	63	16
4 / 39	.5	.2	2.7	1.3	.9													48	48	63	40
3 / 37	.5	.8	1.9	1.8	1.3													53	53	61	46
7 / 35	.4	.8	2.4	1.8	.4													48	48	47	48
3 / 33		1.2	1.4	1.7	.2													38	38	55	52
2 / 31		.7	3.1	1.1	.1													42	42	49	69
7 / 29		.5	1.1	.7														19	19	41	43
7 / 27		.1	.6	.2														8	8	40	57
7 / 25			.4															3	3	23	46
2 / 23			.2															2	2	8	30
2 / 21			.4															3	3	4	34
7 / 19			.1															1	1	1	40
1 / 17																				4	37
1 / 15																					17
1 / 13																					10
1 / 11																					8
1 / 9																					8
Element (X)	Σ X ²			Σ X			Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature											
Rel. Num.									≤ 0 F	≤ 32 F	≈ 67 F	≈ 73 F	≈ 80 F	≈ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

720306 COLUMBUS AFB MS 70.73-81 YEARS FEB MONTH

PAGE 2 1600-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL																								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																			
/ 7																																							4	
/ 5																																							3	
/ 3																																							1	
TOTAL	2.6	17.3	23.9	20.8	14.5	11.3	4.8	2.8	1.5	.2	.1																											846	846	846

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.	3616599	53033	62.7	18.402	846							
Dry Bulb	2344430	40458	47.8	11.390	846		7.7	4.0	.7			84
Wet Bulb	1598736	35696	42.2	10.467	846		16.9					84
Dew Point	1159176	29316	34.7	13.023	846		40.4					84

USAETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 23304 COLUMBUS AFB MS STATION NAME 70,73-81 YEARS MONTH FEB

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
64 / 73				.1	.2												3	3		
65 / 71			.2														2	2		
66 / 69			.1	.1	.4	.1			.1								7	7		
67 / 67			.1	.1				.1	.1								4	4	3	
68 / 65		.6	.4			.1			.2								11	11	3	
69 / 63		.9	.1	.1	.5	.2	.1										17	17	8	8
70 / 61		.4	.8	.4	.4	.4											19	19	14	7
71 / 59	1.1	1.9	1.3	.4	.8	.2		.2									50	50	21	20
72 / 57		1.8	1.4	.2	.5	.5	.2										39	39	24	22
73 / 55	.4	.7	.8	.5	.9	.8	.1										36	36	39	17
74 / 53	.4	.6	.8	.2	.2	.1	.2										22	22	29	26
75 / 51		.5	.9	.9	.5	.5											28	28	25	21
76 / 49	.4	1.5	.4	1.3	1.1	.4	.1										43	43	29	21
77 / 47	.5	1.5	.8	1.1	1.5	.8	.1										54	54	37	29
78 / 45	.2	1.9	2.6	.9	.4	.2											53	53	44	28
79 / 43		.4	1.7	2.3	.7												40	40	33	31
80 / 41	.4	1.8	1.9	.8	.6												46	46	60	18
81 / 39	.2	1.4	2.7	1.3													48	48	55	39
82 / 37	.4	3.0	2.6	.7	.4												59	59	61	47
83 / 35	.4	2.7	3.1	2.4	.2												74	74	68	43
84 / 33	.1	2.0	2.7	.8													48	48	58	48
85 / 31		1.7	2.7	.7													43	43	49	71
86 / 29		1.5	3.8	.7													51	51	51	53
87 / 27		1.4	1.8	.1													28	28	57	59
88 / 25		.4	.7														9	9	40	47
89 / 23		.1	.1														2	2	24	20
90 / 21	.1	.1	.5														6	6	4	41
91 / 19			.2														2	2	5	49
92 / 17		.1															1	1	2	35
93 / 15		.1															1	1	2	14
94 / 13																			1	7
95 / 11																				11
96 / 9																				5
97 / 7																				5
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70-31 COLUMBUS AFB MS

70, 73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
7 / 81									.0	.0	.0	.0	.0	.0				9	9		
7 / 79								.0	.1	.0	.0	.1	.0	.0				14	14		
7 / 77								.0	.1	.0	.1	.1	.0	.0				23	23		
6 / 75							.1	.1	.0	.1	.1	.0	.1	.0				34	34		
6 / 73				.1	.1	.0	.1	.1	.1	.0	.1	.1	.0	.1				47	47		
6 / 71			.1	.1	.2	.1	.1	.1	.2	.1	.0	.1	.0	.1				73	73		
6 / 69			.1	.3	.3	.2	.1	.2	.2	.1	.0	.1	.0	.1				95	95		
6 / 67		.0	.3	.2	.2	.1	.2	.2	.2	.2	.0	.1	.0	.1				114	114	18	
6 / 65	.1	.5	.3	.4	.1	.2	.2	.2	.4	.1	.1	.1	.1	.1				169	169	44	12
6 / 63	.1	.6	.4	.2	.2	.3	.2	.3	.2	.1	.1	.1	.1	.1				172	172	125	25
6 / 61	.3	.6	.6	.3	.3	.2	.2	.4	.2	.1	.1	.1	.1	.1				199	199	121	89
6 / 59	.2	1.8	.7	.3	.4	.2	.5	.3	.2	.1	.1	.1	.1	.1				314	314	188	128
6 / 57	.1	1.3	.8	.4	.3	.4	.5	.3	.0	.1	.1	.1	.1	.1				281	281	256	169
5 / 55	.1	.9	.6	.5	.4	.7	.4	.2	.1	.1	.1	.1	.1	.1				256	256	244	212
6 / 53	.2	.8	.6	.5	.4	.8	.4	.1	.0	.1	.1	.1	.1	.1				260	260	235	167
6 / 51	.1	.7	.7	.5	.8	.6	.4	.1	.1	.1	.1	.1	.1	.1				270	270	200	143
6 / 49	.3	1.2	.8	.8	.8	.5	.5	.0	.1	.1	.1	.1	.1	.1				331	331	274	169
6 / 47	.3	1.3	.8	1.4	.9	.5	.3	.1	.1	.1	.1	.1	.1	.1				377	377	327	168
6 / 45	.5	1.4	1.4	1.1	.7	.4	.2	.1	.1	.1	.1	.1	.1	.1				390	390	407	275
6 / 43	.2	1.0	1.2	1.3	.7	.5	.0	.1	.1	.1	.1	.1	.1	.1				328	328	368	231
6 / 41	.3	1.1	1.2	.8	.5	.4	.1	.1	.1	.1	.1	.1	.1	.1				291	291	427	221
6 / 39	.4	1.2	1.9	.8	.6	.2	.1	.1	.1	.1	.1	.1	.1	.1				350	350	394	263
6 / 37	.4	2.0	2.0	1.1	.8	.1	.1	.1	.1	.1	.1	.1	.1	.1				435	435	399	296
6 / 35	.3	2.2	1.8	1.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1				391	391	431	364
3- / 33	.1	2.1	1.9	.9	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1				355	355	462	403
2 / 31	.1	2.5	1.6	.8	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				336	336	397	507
7 / 29	.4	1.4	1.6	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				257	257	437	432
2 / 27	.2	1.4	.8	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				178	178	279	430
2 / 25	.2	1.3	.7	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				155	155	290	410
2 / 23	.1	.9	.3	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				84	84	176	205
2 / 21	.1	.7	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				83	83	110	240
1 / 19	.1	.7	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				65	65	80	372
1 / 17	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				18	18	45	271
1 / 15	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				10	10	18	178
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.e COLUMBUS AFB MS

70, 73-81

FEB
 MONTH

PAGE 2

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 13		.0																3	3	15	147
/ 11																					113
/ 9																					59
/ 7																					28
/ 5																					25
/ 3																					11
/ 1																					4
TOTAL	4.6	30.1	24.2	14.6	9.3	6.5	4.6	2.7	1.9	1.0	.4	.1	.0	.0			6767	6767		6767	
																	6767		6767		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	33118907	454515	67.2	19.568	6767	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	15093068	307078	45.4	13.084	6767		118.1	40.6	12.6	1.5		672									
Wet Bulb	11990487	274213	40.5	11.397	6767		183.4	1.8				672									
Dew Point	8937161	229181	33.9	13.180	6767		340.8					672									

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7253.4 COLUMBUS AFB MS 70, 73-81 YEARS MAP 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
74 / 72			.4	.1														5	5	
73 / 71			.4	.3	.3													10	10	
72 / 69		.1	.9	.9	.5													22	22	7
71 / 67		.9	.8	1.1	.4	.2		.1										32	32	10
70 / 65		.8	.4	2.4	.4	.1	.1											39	39	14
69 / 63	.1	.8	.2	1.1	.3	.2	.2	.1										28	28	14
68 / 61	.3	2.3	1.0	1.1	1.1	.4	.1	.1										59	59	32
67 / 59	.4	2.2	.9	.5	.4	.3	.1											45	45	52
66 / 57	.9	1.6	.8	.9	.6	.8	.1											52	52	55
65 / 55	.3	1.9	1.0	.5	1.2	.6	.1											53	53	43
64 / 53	.8	2.4	1.6	1.5	1.4	.1												72	72	52
63 / 51	.4	2.5	1.7	1.0	.6	.2												60	60	52
62 / 49	.6	1.1	1.8	1.2	.3													47	47	66
61 / 47	.2	2.8	1.7	1.0	.1													54	54	64
60 / 45	.1	3.3	2.3	1.4	.1	.1												68	68	81
59 / 43	.1	1.7	1.8	1.6	.2													51	51	52
58 / 41		1.7	1.5	1.5	.8													51	51	46
57 / 39	.6	1.5	1.9	1.5	.2													54	54	57
56 / 37	.3	2.4	.9	.9														55	55	53
55 / 35	.3	2.4	.9	.5														38	38	61
54 / 33	.1	.6	.4	.3														14	14	58
53 / 31		.8	.5															12	12	18
52 / 29																				12
51 / 27																				8
50 / 25		.1																1	1	26
49 / 23		.2																2	2	3
48 / 21		.5																5	5	3
47 / 19		.1																1	1	3
46 / 17																				12
45 / 15																				3
44 / 13																				2
TOTAL	5.7	34.5	25.3	21.2	9.1	3.1	.8	.3										930	930	930
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	5567722	70704	76.0	14.391	930	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total								
Dry Bulb	2496319	47193	50.7	10.453	930		2.1	6.9	.5			93								
Wet Bulb	2154723	43763	47.1	10.031	930		4.7	1.7				93								
Dew Point	1845559	40029	43.0	11.489	930		19.6	.8				93								

USAFETAC FORM 0-26.3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0223-4 COLUMBUS AFB MS

70-73-81

MAR
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
74/ 73			.3															3	3		
73/ 71			.3	.1														4	4		
72/ 69			1.0		.4													13	13	3	
69/ 67		.5	.4	.3	.3													15	15	8	3
66/ 65		1.6	1.4	.3		.2												33	33	12	10
64/ 63	.1	1.1	1.0	.3	.4													27	27	21	16
62/ 61	.1	1.9	1.6	1.2	.1	.3												49	49	36	23
61/ 59		2.2	1.2	.4														35	35	32	25
60/ 57	.1	2.9	.9	.4	.4	.1	.1											46	46	53	40
58/ 55	1.0	2.0	1.6	1.2	.4	.3	.5											66	66	49	51
54/ 53	.6	3.0	2.0	1.2	.6	.1	.1											72	72	40	44
52/ 51	.8	2.5	.6	1.0	.3	.3												51	51	70	50
50/ 49	.9	1.8	2.4	1.3	.2													61	61	49	59
48/ 47	.4	2.5	1.3	1.8	.1													57	57	56	39
46/ 45	.3	3.0	1.5	.9														53	53	64	36
44/ 43	.5	2.7	2.6	.6	.2													62	62	68	49
42/ 41	.1	1.5	1.2	.4	.4													34	34	62	58
40/ 39	.5	2.2	2.8	.8	.2													60	60	51	53
38/ 37	.3	2.0	2.8	.6														54	54	40	64
36/ 35	1.0	3.7	2.5	.5														71	71	67	52
34/ 33	.2	1.4	.9	.3														26	26	67	34
32/ 31	.2	.6	.4	.3														15	15	39	68
30/ 29	.2	.9	.4															14	14	14	46
28/ 27																				16	35
26/ 25																				4	28
24/ 23																					8
22/ 21		.3																3	3	3	16
20/ 19		.5																5	5	4	10
18/ 17		.1																1	1	2	7
16/ 15																					4
14/ 13																					2
TOTAL	7.4	41.0	31.1	14.1	4.3	1.4	.8												930	930	930
																			930		930
Element (X)	Σ H ¹		Σ H ²		Σ H	Σ H ²		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	6031761		73871		79.4	13,291		930		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb	2308837		45307		48.7	10,458		930			3.8	3.5	.3						93		
Wet Bulb	2041936		42530		45.7	10,216		930			8.2	1.1							93		
Dew Point	1791306		39372		42.3	1,575		930			22.4	.3							93		

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GENERAL CLIMATOLOGY BRANCH
 AFCEAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-3-81 COLUMBUS AFB MS 70,73-81 MAP MONTH
 STATION STATION NAME YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/73				.2														2	2		
71/71		.1	.2	.2														5	5		
69/69		.2	.5	.2														12	12	2	
67/67		.4	.6	.3														15	15	9	2
65/65		1.3	1.4	.3	.2	.2												32	32	8	11
63/63	.3	1.4	.8	.4			.1											28	28	25	14
61/61	.4	2.5	2.0	.4	.2	.1												53	53	40	28
59/59	.2	2.8	1.3	.5	.1	.1	.1											48	48	37	32
57/57	.1	1.9	1.6	.5	.5	.3												47	47	49	40
55/55	.8	1.3	1.2	.6	1.4	.5												54	54	49	45
53/53	.6	2.9	1.7	.6	1.1	.1												66	66	40	35
51/51	.6	1.9	1.7	1.1	.5	.1												56	56	57	54
49/49	.5	2.3	1.9	1.8	.4													65	65	55	52
47/47	1.3	2.3	2.7	.9	.6													69	69	71	44
45/45		3.5	2.6	.6	.4													67	67	61	37
43/43	.4	1.6	1.7	.9														43	43	79	46
41/41	.6	1.6	2.4	1.2	.2													56	56	54	63
39/39	.3	1.4	2.9	.9														51	51	55	68
37/37	.5	2.0	1.7	.4	.1													45	45	49	51
35/35	.3	2.3	2.3	.2														47	47	62	62
33/33	.4	1.3	1.6	.3														34	34	58	41
31/31	.4	.6	.4	.1														15	15	27	66
29/29		.6	.3															9	9	17	37
27/27	.1	.1																2	2	12	33
25/25		.1																1	1	6	31
23/23		.1																1	1		10
21/21																				1	7
19/19	.1	.5																6	6	3	4
17/17		.1																1	1	4	8
15/15																					5
13/13																					1
11/11																					2
9/9																					1
Element (X)	Σ x ²		Σ x		Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

200310 COLUMBUS AFB MS 70, 73-81 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
7 / 79						.2	.1											3	3		
7 / 77					.3		.2	.1	.1									8	8		
7 / 75			.2	.2	.1	.4	.1	.2	.1									13	13		
7 / 73			.2	.6	.6	.9	.1	.2	.2	.1								28	28	1	
7 / 71			.4	.2	.6	.1	.5	.1	.1	.1								21	21	4	2
7 / 69			1.5	.9	1.4	1.2	.3	.6	.3		.1							59	59	6	1
6 / 67			1.1	.6	1.3	.5	.8	.8	.1									48	48	20	4
6 / 65		.6	.8	1.2	.6	.9	.8	.3	.3									51	51	29	16
6 / 63	.2	1.5	1.1	1.2	.8	.8	.5	.5	.3	.1								65	65	48	19
6 / 61	.5	2.0	1.1	.5	.5	1.0	1.1	.8	.1									71	71	49	43
6 / 59	.1	1.0	1.1	.6	1.2	1.3	.3	.4										56	56	76	46
6 / 57	.2	.5	.9	1.2	1.3	1.3	.8											57	57	43	51
5 / 55	.1	1.1	.9	1.0	.9	1.3	1.1	.2										60	60	48	25
4 / 53	.3	1.6	1.1	.5	1.3	.8	.9	.1										61	61	63	58
4 / 51		1.0	1.4	1.3	1.1	1.4	.4	.1										62	62	71	39
5 / 49	.1	1.8	1.4	1.6	.8	1.1	.1											64	64	65	38
5 / 47		1.2	1.1	1.2	1.3	.3												47	47	70	49
4 / 45		1.1	.6	1.3	1.1	.4	.1											43	43	71	53
4 / 43	.3	.3	1.2	1.8	.9	.1												43	43	65	54
4 / 41		.3	.6	.4	.5													18	18	47	46
4 / 39		.3	.9	.6	.3													20	20	57	51
3 / 37		.2	.3		.2													7	7	37	55
3 / 35		.4	.2	.2														8	8	24	56
3 / 33		.2		.1	.1													4	4	12	31
2 / 31	.1		.2	.1														4	4	8	53
2 / 29	.1		.2	.1														4	4	3	30
2 / 27	.1			.1														2	2	6	43
2 / 25			.1															1	1	2	23
2 / 23																				2	10
2 / 21			.2															2	2	1	10
1 / 19																				2	6
1 / 17																					11
1 / 15																					1
1 / 11																					6
Element (X)	Σ x ²	Σ x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233 A COLUMBUS AFB MS 70, 73-81 MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
4 / 83								.1	.4			.1						6	6					
7 / 71							.4	.3	.1	.1	.1	.4						14	14					
7 / 79						.5	.4	.9	.6	.5								28	28					
7 / 77				.1	.1	1.0	.6	.8	1.1	.2	.3	.1						40	40					
7 / 75				.2	.6	1.1	.5	1.1	.4	.5	.6							48	48					
7 / 73				.6	.4	.2	1.0	1.3	.4	1.0	.6	.1						53	53					
7 / 71			.4	.4	1.3	.8	1.3	.4	.8	.8	.4							61	61	5				
7 / 69			.4	.8	.5	.5	.6	.6	1.8	.3								53	53	14	1			
6 / 67			.5	.6	.3	.6	1.1	.8	.9	1.1								55	55	40	2			
6 / 65		.3	1.2	.5	.2	.3	1.0	.8	1.5	.2								54	54	39	8			
4 / 63	.2	1.2	.5	.5	.1	.8	.8	1.4	.5	.2								58	58	52	33			
7 / 61	.2	.9	.3	.2	1.0	.4	1.2	1.0	1.0									57	57	84	39			
7 / 59	.1	.3	.8	.5	.6	.5	1.4	1.2	.5									56	56	52	47			
7 / 57	.2	.4	1.1	.3	1.2	.5	1.5	1.3	.2									63	63	49	48			
5 / 55	.1	.6	1.4	.4	.8	1.5	1.5	.6										65	65	57	32			
4 / 53		.8	.8	.9	.1	.5	.8	.4										39	39	84	30			
2 / 51		.9	1.7	1.3	.2	1.2	.8	.1										57	57	59	55			
5 / 49		.1	.3	.8	.5	.5	.2											23	23	87	47			
5 / 47		.5	.1	.8	.8	1.0	.1											30	30	73	41			
4 / 45		1.3	.1	1.0	.4	.3	.1											30	30	59	53			
4 / 43		.2	.4	.4		.2	.1											13	13	53	48			
6 / 41		.1	.2	.1	.1	.2												7	7	40	62			
4 / 39			.2		.1													3	3	37	46			
3 / 37		.1	.1		.1													3	3	16	40			
7 / 35		.2	.1	.2														5	5	9	45			
3 / 33		.2		.1														3	3	6	48			
7 / 31				.1														1	1	5	53			
7 / 29			.1															1	1	4	37			
2 / 27	.1	.2	.1															4	4	1	38			
2 / 25																				4	30			
2 / 23																				1	6			
2 / 21																					10			
7 / 19																					17			
7 / 17																					6			
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 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

28386 COLUMBUS AFB MS 70, 73-81 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
1 / 15																					1
1 / 13																					3
1 / 11																					4
TOTAL	1.0	8.4	10.8	11.0	9.6	12.8	15.4	13.0	10.3	4.9	2.2	.8						930		930	
																	930		930		
Element (X)	Σ X²		Σ X		Σ X	Σ X	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	3012736		49506		53.2	20.156	930		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	3726641		58011		62.4	10.785	930			.6	35.8	18.9	3.8		93						
Wet Bulb	2667864		49092		52.8	9.071	930			1.5	5.9				93						
Dew Point	1887046		40306		43.3	12.284	930			20.5	.3				93						

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1203 66 COLUMBUS AFB MS 70,73-81 MAP
 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
8 / 87											.1							1	1		
6 / 85											.1							1	1		
8 / 83											.9	.4	.1				.3	16	16		
7 / 81								.1	.9	.9	.1	.3	.4	.2				27	27		
7 / 79							.3	.1	.5	1.0	.2	.3	.1					24	24		
7 / 77				.1	.2	1.0		.4	1.5	.4	.4	.1						39	39		
7 / 75				1.0	.6	.1	.1	1.4	.9	.8	1.0							45	45		
7 / 73				.5	.8	.5	.8	.5	.5	.6	1.2	.3						58	58		
7 / 71			.3	.2	1.3	1.1	.8	.5	.9	.9	.4							59	59	2	
7 / 69			1.2	1.5	.4	.8	.8	.3	1.2	.3								60	60	7	
6 / 67			.4	.5		.2	.6	1.2	.9	1.6								51	51	53	4
6 / 65	.1	.3	.9	.9		.3	.8	.8	1.7	.6	.1							60	60	23	9
6 / 63	.2	.8	.6	.4	.1	.9	1.4	1.5	1.1	.2								67	67	69	15
6 / 61	.1	.9	.5	1.1	1.0	.8	.6	1.5	1.3									72	72	77	38
6 / 59	.2	.3	.8	.8	1.4	1.0	.6	1.7	.5									68	68	62	44
6 / 57	.2	.9	.4	.2	.6	.5	.3	1.6	.4									49	49	57	52
5 / 55		.6	.8	.5	.1	.1	1.4	.6	.3									42	42	56	48
4 / 53		.5	.2	1.1	.4	.5	.2											28	28	79	28
4 / 51	.2	.4	.6	.4	1.7	1.0	.4	.1										46	46	80	44
5 / 49	.1	.4	1.0	.3	.4	.8	.4											32	32	82	58
4 / 47		.6	.6	.6	.9	.8	.5											38	38	59	38
4 / 45		.6	.3	.1		.5	.2											17	17	59	50
4 / 43	.1	.5				.3												9	9	68	48
4 / 41			.2	.1														3	3	34	56
4 / 39			.3															3	3	21	47
3 / 37		.1		.1														2	2	12	42
3 / 35		.2	.1	.2														5	5	14	38
3 / 33		.1	.1															2	2	4	51
2 / 31				.3														3	3	4	61
2 / 29																				2	36
2 / 27		.1																1	1		43
2 / 25		.2																2	2	5	24
2 / 23																				1	8
2 / 21																					12
Element (X)	Σ X ²		Σ X		Σ 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 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-3 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
70 / 71										.1								1	1		
71 / 71										.1								1	1		
71 / 79								.2	.3									7	7		
71 / 77					.4	.3	.4	.4	.1	.1	.1							18	18		
71 / 75				.1	.3	.3	.5	.3	.3	.1								19	19		
71 / 73				.4	.3	.5	1.3	.6	.2									32	32		
71 / 71			.5	.4	.4	.8	.9	.3	.4	.1								36	36		
71 / 69		.1	.5	.8	.8	.8	1.2	.2	.4	.2								46	46	6	
71 / 67		.1	.4	1.1	.6	1.2	.5	.2	.4	.1								44	44	19	1
71 / 65		.8	.6	1.2	1.1	1.1	.6	.4	.2	.1								56	56	24	13
71 / 63	.1	.8	1.3	1.0	.5	.8	1.7	.6	.3									66	66	46	14
71 / 61	.2	1.9	1.5	.6	.6	.5	.9	.5										64	64	65	34
71 / 59	.1	.5	.6	.4	.8	1.3	1.3	.3										50	50	72	30
71 / 57	.6	1.3	1.4	.4	1.4	1.5	1.1	.2	.1									72	72	65	67
71 / 55	.3	1.3	1.1	1.8	1.3	1.5	.9	.1										74	74	51	40
71 / 53		.3	1.4	1.3	1.2	.9	.4	.2										53	53	56	53
71 / 51		.8	1.6	.5	1.1	1.2	.8											55	55	61	47
71 / 49	.3	.9	1.2	1.3	1.7	.8	.2											59	59	77	52
71 / 47	.1	1.2	.6	.9	1.4	.9	.1											48	48	82	41
71 / 45		.4	1.5	1.6	.5	.3	.1											42	42	64	44
71 / 43		.6	1.1	1.1	.3	.3												32	32	56	54
71 / 41	.2	.5	.2	.5	.4	.2												20	20	64	59
71 / 39		.4	.5	.5	.3													17	17	48	56
71 / 37				.3														3	3	25	55
71 / 35		.3																3	3	14	54
71 / 33			.2	.1														3	3	18	43
71 / 31		.1	.1															2	2	5	51
71 / 29			.1	.2														3	3	3	37
71 / 27																				2	14
71 / 25			.1															1	1	1	23
71 / 23		.1																1	1	3	9
71 / 21		.2																2	2	3	17
71 / 19																					4
71 / 17																					10
Element (X)	Σ x'		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	≥ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2300 COLUMBUS AFB MS 70,73-81 MAR
 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				
7 / 77					.1			.1												2	2			
6 / 75				.2	.1					.3										6	6			
5 / 73				.3	.3	.3		.1												10	10			
4 / 71			.8	.6	.6	.3	.2	.1	.1											20	20			
3 / 69			.4	.8	.6	.6	.4	.2												29	29	3		
2 / 67		.8	1.1	.6	1.6	.9	.4	.2												52	52	13	1	
6 / 65		1.2	.5	1.4	.6	.5	.2													42	42	14	17	
4 / 63	.2	1.4	.6	.8	1.4	.5	.3													49	49	44	15	
3 / 61		2.4	.8	.5	1.4	.8	.4	.1												55	55	52	29	
2 / 59	.4	1.4	1.4	.6	.6	.8	.2													51	51	60	35	
1 / 57	.9	1.8	.9	.3	1.4	.8	.2													58	58	62	57	
5 / 55	.2	1.7	1.2	1.5	1.3	1.3														67	67	51	48	
4 / 53	.5	.9	2.3	1.5	1.2	.4														61	61	49	59	
2 / 51	.1	.9	2.3	1.3	1.5	.3	.1													57	57	46	34	
6 / 49	.5	1.1	2.9	.9	1.2	.1														60	60	83	48	
1 / 47		1.9	1.2	2.8	1.2	.4														70	70	64	41	
4 / 45	.1	1.7	1.9	1.2	1.1															56	56	76	54	
4 / 43		1.3	1.2	1.7	.8															43	43	51	61	
1 / 41	.2	1.1	1.4	1.8	.2	.1														45	45	66	62	
4 / 39		1.5	2.2	1.1	.2															46	46	40	51	
7 / 37		.8	.5	1.0	.2															23	23	62	60	
1 / 35		.4	.6	.2																12	12	43	48	
3 / 33		.2																		4	4	22	45	
1 / 31		.1	.2																	3	3	13	53	
1 / 29			.1																	1	1	5	28	
2 / 27			.2																	2	2	2	23	
1 / 25			.1																	1	1	2	21	
2 / 23			.2																	2	2	2	10	
2 / 21		.3																		3	3	4	11	
1 / 19																						1	4	
1 / 17																							10	
1 / 15																							2	
1 / 13																							3	
Element (X)	Σ X ²		Σ X		X	X ²	No. Obs.		Mean No. of Hours with Temperature						Total									
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

FEDERAL CLIMATOLOGY BRANCH
AFETAC
AIR FORCE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7235 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
TOTAL	7.2	22.5	24.9	20.4	16.9	8.2	2.9	.9	.1									930	930	930	930		

Element (X)	Σx'	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4067692	65694	70.6	15.637	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2783752	49988	53.8	10.211	930		1.2	11.9	1.8			93
Wet Bulb	2313134	45506	48.9	9.648	930		2.9	1.6				93
Dew Point	1910112	40788	43.9	11.423	930		16.5	.1				93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 AFSAFETAC
 AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72836 COLUMBUS AFB MS 70, 73-81 MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
6 / 87											.0																								1	1		
6 / 85											.0																								1	1		
4 / 83										.0	.2	.1	.0	.0																					23	23		
7 / 81										.1	.1	.1	.0	.1	.1	.0																			42	42		
7 / 79								.1	.1	.2	.2	.1	.1	.0																					62	62		
7 / 77				.0	.1	.3	.2	.2	.3	.1	.1	.0																							107	107		
6 / 75			.0	.1	.2	.2	.2	.4	.2	.2	.2																								131	131		
4 / 73			.1	.4	.3	.3	.4	.4	.2	.2	.2	.1																							191	191	1	
7 / 71		.0	.4	.2	.6	.4	.5	.2	.3	.2	.1																								216	216	11	2
7 / 69		.1	.7	.7	.8	.4	.5	.4	.3	.4	.2	.1																							294	294	48	2
6 / 67		.3	.7	.6	.6	.5	.4	.4	.3	.3																									312	312	172	25
6 / 65	.0	.9	.9	1.0	.4	.5	.4	.3	.5	.1	.0																								367	367	163	93
4 / 63	.2	1.1	.8	.7	.5	.5	.6	.5	.3	.1																									388	388	333	140
7 / 61	.2	1.8	1.1	.7	.7	.5	.5	.5	.3																										480	480	435	261
7 / 59	.2	1.3	1.0	.6	.6	.7	.5	.5	.1																										409	409	443	285
7 / 57	.4	1.4	1.0	.5	.9	.7	.5	.4	.1																										444	444	433	406
5 / 55	.3	1.3	1.1	1.0	.9	.9	.7	.2	.0																										481	481	404	338
4 / 53	.4	1.5	1.4	1.1	.9	.4	.3	.1																											452	452	463	354
7 / 51	.3	1.3	1.5	.9	.9	.7	.3	.0																											444	444	496	370
5 / 49	.4	1.2	1.6	1.1	.7	.4	.1																												411	411	564	411
7 / 47	.2	1.6	1.2	1.2	.8	.4	.1																												413	413	539	330
4 / 45	.1	1.9	1.4	1.0	.5	.2	.1																												376	376	535	358
4 / 43	.2	1.1	1.2	1.0	.3	.1	.0																												296	296	492	419
2 / 41	.1	.9	1.0	.8	.3	.1																													234	234	413	464
4 / 39	.2	.9	1.5	.7	.2																														254	254	366	442
3 / 37	.1	1.0	1.0	.4	.1																														192	192	294	416
7 / 35	.2	1.2	.8	.3																															189	189	294	406
3 / 33	.1	.5	.4	.2	.0																														90	90	245	337
2 / 31	.1	.3	.2	.1																															55	55	119	477
7 / 29	.0	.2	.2	.0																															32	32	60	295
2 / 27	.0	.1	.0	.0																															11	11	47	239
2 / 25		.1	.0																																7	7	24	206
2 / 23		.1	.0																																6	6	12	70
2 / 21		.2	.0																																15	15	15	96
Element (X)	Σ X²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total																				
Rel. Num.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																					
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72.3.6 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 10	.0	.1																12	12	13	66
1 / 17		.0																2	2	6	73
1 / 18																					26
1 / 13																					12
1 / 11																					19
1 / 9																					2
TOTAL	3.9	22.3	21.2	15.5	11.2	8.4	6.4	4.7	3.5	1.7	.8	.2	.1				7440	7440	7440	7440	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	36201802	497130	66.8	20.029	7440	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb	23835543	411967	55.4	11.733	7440		14.0	138.0	55.8	10.6		744									
Wet Bulb	18871954	367324	49.4	9.951	7440		29.6	23.2	.1			744									
Dew Point	14900799	321157	43.2	11.811	7440		158.1	2.9				744									

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-3 COLUMBUS AFB MS

70,73-81

APR

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
7 / 77						.3												3	3		
6 / 75		.4	.1															5	5		
4 / 73		.6	.6	.6	.3													18	18	6	3
3 / 71		.7	.8															13	13	6	4
2 / 69		.3	1.9	1.7	1.1	.2												47	47	7	5
1 / 67	.7	.9	2.7	.8	.3	.7	.2	.1										57	57	24	15
6 / 65	.3	2.9	2.8	2.2	1.1	.2	.1											87	87	47	21
4 / 63	.7	2.9	1.8	1.0	.8	1.0												73	73	71	48
3 / 61	.3	2.8	1.6	1.2	.9	.3												64	64	75	57
2 / 59	.6	2.2	2.1	1.2	.2	.3												60	60	69	72
1 / 57	.2	2.3	2.4	.7	.9	.2												61	61	67	64
5 / 55	.3	3.1	3.1	.7	.7	.1												72	72	58	52
4 / 53	.2	3.0	2.6	1.2	.6													68	68	89	57
3 / 51	.2	2.2	1.7	1.3	.4													53	53	56	73
2 / 49		2.8	2.3	1.2	.4													61	61	65	65
1 / 47		3.2	1.1	.4	.1													44	44	62	63
4 / 45	.4	2.3	1.4	.6	.2													45	45	61	65
3 / 43		2.1	.6	1.0	.1													34	34	55	37
2 / 41		1.1	1.2															21	21	30	65
1 / 39		.7	.2	.2														10	10	25	41
3 / 37		.3	.1															4	4	20	34
2 / 35																				5	16
3 / 33																				2	22
2 / 31																					11
1 / 29																					4
2 / 27																					6
TOTAL	4.0	36.2	30.9	16.8	8.2	3.4	.3	.1										900	900	900	900
Element (X)	ΣX ²	ΣX	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Num.	5790084	71338	79.3	12.278	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3039317	51725	57.5	8.605	900			14.3	2.6			90									
Wet Bulb	2681273	48549	53.9	8.330	900			4.3	.6			90									
Dew Point	2405990	45762	50.8	9.383	900		2.1	2.7	.3			90									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 22-3-5 COLUMBUS AFB MS STATION NAME 70-73-81 YEARS APR 1950

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
74 / 73	.2	.4		.1	.1													8	8	4	3
73 / 71	.1	.8	.6															13	13	5	6
72 / 69	.2	.3	1.9	.4	.1	.1												28	28	11	5
71 / 67	.4	.7	2.2	1.1	.2	.1												43	43	11	13
70 / 65	.3	3.1	3.3	.2	.2													65	65	34	13
69 / 63	.3	4.2	2.1	.6	.1	.1												67	67	58	46
68 / 61	.9	2.2	1.3	.6	.4	.1												50	50	87	45
67 / 59	.7	3.3	2.6	1.1	.8	.1												77	77	53	89
66 / 57	.3	2.0	2.6	1.2	.2													57	57	51	43
65 / 55	.4	2.8	2.3	1.2	.6	.1												67	67	47	53
64 / 53	.1	4.0	2.7	.8	.9													76	76	69	43
63 / 51	.2	2.8	2.4	.9	.2													59	59	87	58
62 / 47	.3	3.0	2.1	1.1	.4													63	63	57	71
61 / 47		3.0	1.8	.7														49	49	65	58
60 / 45	.3	2.4	1.7	.7														46	46	70	78
59 / 43	.7	2.3	.9	.3														38	38	54	42
58 / 41	.4	3.1	.8	.4														43	43	42	55
57 / 39	.4	.9	1.1	.1														23	23	39	58
56 / 37	.1	1.0	.4	.2														16	16	23	34
55 / 35	.2	.4	.2	.1														9	9	20	30
54 / 33	.1		.1															2	2	8	19
53 / 31																				4	20
52 / 29																					5
51 / 27																					7
50 / 25																					3
49 / 23																					2
TOTAL	7.0	42.9	33.1	11.9	4.3	.7												899	899	899	899
Element (X)	Σ X ²		Σ X		X	σ _x	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	6240154		74234		82.6	11.086	899		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	2796340		49492		55.1	8.935	899				9.2	.8			90						
Wet Bulb	2524891		46973		52.3	8.863	899		.4	3.1	.4				90						
Dew Point	2307042		44676		49.7	9.835	899		3.7	2.7	.3				90						

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233 / COLUMBUS AFB MS 70.73-81 APR
STATION STATION NAME YEARS MONTH
PAGE 1 0600-0800
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
7 / 77			.1															1	1				
6 / 75		.2	.2		.1													5	5				
7 / 73		.4	.1	.3														8	8	5	3		
7 / 71	.2	.7	1.0	.6	.1													23	23	9	10		
6 / 69	.3	.6	2.3	1.2	.1	.3												44	44	10	7		
6 / 67	.6	.7	2.8	1.9	.3	.3	.2											61	61	27	12		
6 / 65	.2	2.9	2.9	1.2	.7	.2	.1											74	74	36	27		
4 / 63	.6	3.1	1.9	1.3	.4	.2	.3											71	71	71	42		
2 / 61	1.3	3.1	1.4	1.7	.9	.1												74	74	88	62		
2 / 59	.6	3.1	2.0	1.4	.9	.6	.1											78	78	65	77		
2 / 57		1.9	2.6	1.2	1.0	.4	.2											66	66	62	54		
5 / 55	.1	2.2	2.6	1.0	1.2	.1												65	65	55	57		
4 / 53		2.4	3.1	1.4	1.0													72	72	73	48		
2 / 51	.1	2.0	1.8	1.7	.3													53	53	64	63		
5 / 49	.1	2.1	2.3	1.1	.2													53	53	74	59		
4 / 47		1.7	1.2	1.0	.2													37	37	65	62		
4 / 45	.2	2.1	1.6	.3	.3													41	41	57	48		
4 / 43	.1	1.0	1.2	.7														27	27	42	57		
2 / 41		1.4	.6	.1														19	19	34	57		
4 / 39	.2	.3	.4	.2														11	11	29	41		
3 / 37	.2	.8	.2	.1														12	12	14	42		
1 / 35	.1	.2	.1															4	4	13	27		
3 / 33		.1																1	1	4	18		
2 / 31																				3	10		
1 / 29																					6		
2 / 27																					8		
2 / 23																					3		
TOTAL	4.7	33.1	32.3	18.7	7.9	2.2	.8	.3										900	900	900	900		
																		900		900			
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x^2	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	5734011	70927	78.8	12.674	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	3032691	51663	57.4	8.637	900			14.2	1.4			90											
Wet Bulb	2675277	48449	53.8	8.643	900		.3	5.1	.5			90											
Dew Point	2394358	45552	50.6	9.940	900		2.7	3.2	.3			90											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723306 COLUMBUS AFB MS 70, 73-81 APR
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
4 / 53					.2	.1												3	3		
4 / 51				.2	.3	.3	.1	.1	.3									16	16		
7 / 79			.1	.3	.8	.7	.1	.3	.7	.4	.1							32	32		
7 / 77			.2	.3	1.2	.8	1.3	1.6	.3	.2	.2							56	56		
6 / 75		.1	.3	1.4	1.9	1.1	1.0	.9	.2	.7	.3							72	72	5	
4 / 73			.2	1.3	1.1	2.3	1.2	.7	.7	.1	.1							70	70	15	4
7 / 71		.2	.4	1.3	1.6	1.6	.9	.8	.7	.1								68	68	17	10
7 / 69	.1	.4	1.1	2.4	1.2	1.7	1.3	.8	.7	.1	.2							91	91	39	13
6 / 67	.3	.6	1.3	1.0	1.0	.9	1.6	.9	.7									74	74	55	27
6 / 65	.8	2.1	.4	1.0	.8	1.4	1.2	1.2	.4									85	85	81	46
4 / 63	.4	.9	.9	.6	1.0	1.6	1.3	.7										66	66	118	61
7 / 61	.4	.7	.2	.7	.8	1.4	1.4	.7	.1									58	58	75	65
7 / 59	.4	1.0	1.0	.3	1.1	1.2	1.1	.3										59	59	69	63
7 / 57	.1	.1	.8	.7	1.3	.9	.8	.2										44	44	71	46
5 / 55		1.0	.4	.3	1.0	.2	.4											31	31	63	64
4 / 53		.7	.3	.4	1.0	.7	.3											31	31	66	58
2 / 51		.3	.4	.8	.4	.4	.1											23	23	75	51
5 / 49			.1	.4	.3	.3												11	11	48	29
4 / 47			.1	.1	.3													5	5	39	58
4 / 45					.1													1	1	27	46
4 / 43			.2		.1													3	3	15	53
2 / 41																				13	47
4 / 39				.1														1	1	6	35
3 / 37																				1	44
7 / 35																				1	20
3 / 33																				1	18
2 / 31																					16
7 / 29																					8
2 / 27																					12
2 / 25																					5
2 / 23																					1
TOTAL	2.7	8.1	8.8	13.9	17.7	17.7	14.6	9.1	4.6	2.0	1.0							900	900	900	900
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	3555777		54243		60.3	17.853	900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	4075960		60130		66.8	8.074	900				48.2	24.9	3.5		90						
Wet Bulb	3130542		52616		58.5	7.786	900				13.1	2.0			90						
Dew Point	2495289		46385		51.5	10.790	900				4.2	5.4	.4		90						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7223 6 COLUMBUS AFB MS 70, 73-81 YEARS APR 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
8 / 87					.1	.1	.1	.1		.1								5	5		
8 / 85					.2	.3	.4	.4	.3	.1	.2	.1	.2					22	22		
7 / 83					.4	.8	.6	.6	1.1	1.0	1.0	.4						53	53		
7 / 81					.2	.8	1.6	1.6	1.1	1.4	1.0	.8						76	76		
7 / 79					.1	1.9	1.7	1.3	1.3	1.3	1.0	.4						82	82	1	
7 / 77				.3	1.1	.6	1.3	1.7	2.0	2.2	.4	.6	.1					93	93	3	
6 / 75			.3	.2	.6	1.1	1.2	1.4	.6	.9	.4	.2						63	63	12	2
6 / 73			.3	.2	.3	.6	.7	1.6	1.3	.8	.4	.2						58	58	14	3
7 / 71		.3	.4	.9	.4	1.0	.9	1.2	1.3	1.0	.3	.1						72	72	27	9
6 / 69	.1	1.1	1.1	1.2	.7	.3	.6	1.1	1.7	.3	.2							76	76	76	19
6 / 67	.1	.3	1.2	.3	.3	.4	.9	.8	1.1	.4								54	54	58	26
6 / 65	.1	1.2	.8	.3	.2	.3	1.3	1.6	1.0	.3								62	62	87	41
4 / 63	.2	1.1	.2	.4	.1	1.1	1.6	1.2	.1	.1								56	56	104	55
4 / 61	.1	.4	.7	.2	.9	.9	.6	.7	.1									41	41	101	64
4 / 59	.1	.7	.7		.6	.3	.1	.8										29	29	72	64
4 / 57		.4	.2	.2	.1	.3	.6	.1										18	18	63	38
5 / 55		.8	.3		.3	.1	.1											15	15	64	56
4 / 53			.1	.4	.3	.2	.3											13	13	78	57
4 / 51				.2	.1	.4												7	7	55	51
5 / 49					.2	.2												4	4	26	37
4 / 47				.1														1	1	27	55
4 / 45																				15	58
4 / 43																				6	41
4 / 41																				8	51
4 / 39																				1	45
3 / 37																					31
7 / 35																					24
3 / 33																					26
7 / 31																					19
7 / 29																					14
2 / 27																					10
2 / 25																					3
2 / 23																					1
Element (X)	Σ X ²		Σ X		Σ	°X	No. Obs.					Mean No. of Hours with Temperature									
Rel. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71 USAFETAC

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12336 COLUMBUS AFB MS 70.73-81 APR 1960
 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	
TAL	0.0	6.4	6.4	5.2	7.4	11.9	14.1	16.1	13.1	10.1	5.1	2.9	.3					900	900	900	900	
Element (X)	Σx^2	Σx		\bar{x}	s^2	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	2656476	45764		50.81	19.143	900		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	4729378	64808		72.0	8.346	900				65.4	45.2	20.4		90								
Wet Bulb	3330475	54351		60.4	7.324	900				19.1	3.0			90								
Dew Point	2461836	46016		51.11	1.016	900			4.7	5.9	.5			90								

USA FETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1213 4 COLUMBUS AFB MS 70, 73-81 APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6 / 87						.1	.1	.3		.2								7	7		
6 / 85					.1	.2	.5	.2	.7	.3	.9	.2	.3					34	34		
4 / 83					.2	.4	.7	.9	1.1	1.2	1.6	1.2	.1					67	67		
4 / 81					.3	.9	1.4	1.2	1.3	1.0	1.6	1.4						63	83		
4 / 79					.2	.8	1.2	1.7	2.3	1.6	1.0	.4	.2					85	85		
7 / 77					1.1	.7	1.2	.9	.6	1.2	1.7	.7						72	72	2	
7 / 75			.1	.6	.3	.4	1.9	.9	1.1	1.3	1.0	.4	.1					74	74	10	1
7 / 73			.2	.9	.9	.4	.6	1.2	1.1	1.2	.6	.4						68	69	15	2
7 / 71		.1	.4	.9	.2	.8	1.2	.8	1.2	1.2	.1	.4						67	67	20	6
7 / 69	.2	.9	.9	1.1	.7	.6	1.7	.9	.9	.4	.1							69	69	64	18
5 / 67	.1	.7	1.8	.6	.4	.1	.9	1.6	.6	1.2								71	71	72	26
6 / 65	.1	.9	.4	.1	.4	.3	.7	1.6	1.3									53	53	110	42
4 / 63	.1	.3	.3			.2	.9	.2	.4									23	23	100	50
4 / 61	.3	1.0	.8	.7	.3	.8	.6	.8	.8									54	54	80	65
4 / 59		.4	.7	.2	.1	.3	.2	.6										23	23	95	45
4 / 57		.3	.2		.6	.4	.1	.1										16	16	78	53
5 / 55		.6	.3		.6	.3	.4											20	20	62	54
4 / 53			.2	.2		.1	.7											11	11	58	65
7 / 51					.2	.1												3	3	46	48
5 / 49																				40	43
4 / 47																				25	53
4 / 45																				10	44
4 / 43																				12	44
4 / 41																				1	60
4 / 39																					48
3 / 37																					25
4 / 35																					25
3 / 33																					22
4 / 31																					22
4 / 29																					18
2 / 27																					14
4 / 25																					3
2 / 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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1237 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS MONTH APR
 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						
73L	0.9	5.2	6.4	5.2	6.8	8.1	14.6	13.4	13.8	10.8	8.7	5.3	.8							900	900	900	900				
																					900	900	900	900			
Element (X)	Σ X²		Σ X		Σ	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Num.	2493187		43961		48.8	19.615		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	4837484		65568		72.9	8.213		900				69.7	49.0	24.0													
Wet Bulb	3337762		54442		60.5	7.036		900				18.3	2.7														
Dew Point	2414167		45529		50.6	1.110		900				6.1	5.3	.3													

USAETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1203 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS APR 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
4 / 53						.1											4	4		
7 / 79			.1	.1		.4	.4	.4	.8	.2	.7	.2					30	30		
7 / 77		.2		.3	.6	.9	.8	1.1	.7	.1	.2						44	44	1	
6 / 75		.1	.1	.9	1.7	1.1	1.2	.9	.8	.7	.1						62	62	4	1
4 / 73			.7	.7	1.0	2.0	1.3	.8	.3	.1	.2						64	64	5	5
7 / 71		.1	.9	1.3	1.7	2.7	1.6	.6	1.1	.1							84	84	15	
7 / 69		.4	1.7	1.9	1.4	.8	1.0	.6	.9	.3	.1						82	82	29	15
7 / 67	.6	.8	2.1	.6	1.7	1.3	.9	.2	.4	.2							73	73	55	17
6 / 65	.8	1.6	1.7	.9	2.2	.8	1.1	.3	.1	.1							86	86	74	44
4 / 63	.1	1.0	1.2	1.1	1.4	1.1	1.1	.7	.1								71	71	118	40
4 / 61	.4	1.8	.9	.9	1.7	1.1	.3	.7	.1								71	71	96	81
7 / 59	.1	.9	1.1	1.0	.9	1.1	.8	.1									54	54	83	56
7 / 57		.7	1.3	1.0	1.0	1.3	.3										51	51	79	73
5 / 55		1.0	.6	.6	.8	.7	.3										35	35	74	69
4 / 53		.2	.4	.4	.6	.8	.2										28	28	71	60
2 / 51			.3	.8	.8	.2	.1										20	20	50	65
5 / 49			.6	.4	.3	.1											13	13	44	64
4 / 47			.1	.3	.2												6	6	48	44
4 / 45			.1	.1	.1												3	3	20	41
4 / 43		.2		.1													3	3	18	44
2 / 41																			10	41
4 / 39																			5	38
3 / 37																			1	24
7 / 35																				27
3 / 33																				24
7 / 31																				11
7 / 29																				10
2 / 27																				4
7 / 25																				2
TOTAL	2.3	9.0	14.0	13.9	17.1	16.0	11.8	7.1	5.1	3.0	1.0						900	900	900	900
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature												
Rel. Hum.	3723925	55623	61.8	7.844	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	4328864	59784	66.4	8.005	900			45.9	22.0	3.4		90								
Wet Bulb	3117413	52567	58.4	7.268	900			10.9	1.0			90								
Dew Point	2508653	46667	51.9	9.942	900		2.7	3.8	.6			90								

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
ARMY LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233 A COLUMBUS AFB MS
STATION STATION NAME

70, 73-81
YEARS

APR
MONTH

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

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																	
7 / 77			.2	.3	.6	.4																											14	14			
6 / 75		.3	.1	.7	.2	.1	.1																										14	14			
4 / 73		.2	.3	.9	.7	.4	.2																										25	25	7	3	
7 / 71		.1	1.0	1.6	1.2	.8	.4																										46	46	6	5	
7 / 69		.6	1.7	1.7	1.7	.7	.2	.2																									60	60	19	4	
4 / 67	.3	.7	1.6	2.2	1.4	.7	.3	.3																									68	68	30	21	
6 / 65	1.2	3.8	2.6	1.3	1.8	.7	.1	.1																									104	104	58	27	
4 / 63	.4	2.4	1.7	2.0	.8	.3	.4																										73	73	95	55	
7 / 61	.2	2.7	1.6	3.1	1.2	.6	.1																										85	85	92	79	
7 / 59	.3	1.4	2.2	1.2	.9	.8	.2																										64	64	71	66	
7 / 57		1.4	3.1	1.8	1.7	.4	.1																										77	77	72	62	
5 / 55	.4	1.6	2.3	1.4	.8	.1																											60	60	83	57	
4 / 53		1.4	1.4	1.7	1.0	.2																											52	52	72	74	
7 / 51		1.0	1.2	1.8	.9	.2																											46	46	64	76	
5 / 49		1.1	2.7	.9	.2	.1																											44	44	58	63	
4 / 47	.1	.9	1.0	.9	.4																												30	30	49	53	
4 / 45		.4	1.0	.7																													19	19	52	36	
4 / 43		.2	.7	.4																													12	12	23	53	
2 / 41		.2	.2																														4	4	29	58	
4 / 39			.1	.1																													2	2	15	29	
3 / 37		.1																															1	1	2	31	
2 / 35																																			3	3	15
3 / 33																																					12
2 / 31																																					11
7 / 29																																				7	
0 / 27																																				1	
TOTAL	3.1	20.6	26.7	24.7	15.4	6.6	2.3	.7																									900	900	900	900	
Element (X)	Σ X²		Σ X		X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Num.	5062258		66440		73.8	13.237	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	3376471		54671		60.7	7.994	900			22.7	5.3			90																							
Wet Bulb	2876398		50396		56.0	7.782	900			6.2	.7			90																							
Dew Point	2509632		46796		52.0	9.222	900		1.9	3.3	.3			90																							

2
 FEDERAL BUREAU OF SURVEYING
 CLIMATE DIVISION
 AIR FORCE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1203 6 COLUMBUS AFB MS 70,73-81 APP
 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			
87 / 67					.0	.0	.0	.0	.0	.0	.0	.0						12	12					
87 / 69					.0	.1	.2	.1	.1	.1	.1	.0	.1					56	56					
87 / 73				.0	.0	.1	.2	.2	.3	.3	.3	.2	.0					127	127					
87 / 71			.0	.0	.1	.3	.4	.4	.4	.3	.3	.3						191	191					
77 / 79			.0	.0	.2	.5	.4	.5	.6	.5	.3	.1	.0					229	229	1				
77 / 77		.0	.1	.2	.6	.5	.6	.7	.4	.5	.3	.2	.0					283	283	6				
76 / 75		.2	.2	.5	.5	.5	.7	.5	.3	.4	.2	.1	.0					295	295	31	4			
74 / 73		.2	.3	.6	.6	.7	.5	.5	.4	.3	.2	.1						319	319	71	26			
77 / 71	.0	.3	.7	.9	.7	.8	.6	.4	.5	.3	.1	.1						386	386	105	50			
77 / 69	.1	.6	1.6	1.5	.9	.6	.5	.4	.5	.2	.1							497	497	255	66			
67 / 67	.4	.7	2.0	1.1	.6	.6	.6	.5	.3	.2								501	501	332	157			
66 / 65	.5	2.3	1.9	.9	.9	.5	.5	.6	.4	.1								616	616	527	261			
67 / 63	.4	2.0	1.3	.9	.6	.7	.7	.3	.1	.0								500	500	735	397			
67 / 61	.5	1.8	1.1	1.1	.9	.7	.4	.3	.1									497	497	694	518			
67 / 59	.3	1.6	1.5	.8	.7	.6	.3	.2										444	444	577	532			
67 / 57	.1	1.2	1.7	.8	.8	.5	.3	.1										390	390	543	433			
57 / 55	.2	1.6	1.5	.7	.7	.2	.2											365	365	506	462			
47 / 53	.0	1.5	1.4	.9	.7	.3	.2											351	351	576	462			
67 / 51	.1	1.0	1.0	.9	.4	.2	.0											264	264	497	485			
57 / 49	.1	1.1	1.3	.7	.3	.1												249	249	414	431			
67 / 47	.0	1.1	.7	.4	.2													172	172	380	446			
47 / 45	.1	.9	.7	.3	.1													155	155	312	418			
67 / 43	.1	.7	.4	.3	.0													117	117	225	371			
67 / 41	.1	.7	.3	.1														87	87	167	434			
47 / 39	.1	.2	.2	.1														47	47	120	335			
37 / 37	.0	.3	.1	.0														33	33	61	265			
67 / 35	.0	.1	.0	.0														13	13	42	184			
37 / 33	.0	.0	.0															3	3	15	161			
67 / 31																				7	120			
67 / 29																					72			
67 / 27																					62			
67 / 25																					16			
27 / 23																					11			
Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72336 COLUMBUS AFB MS

70, 73-81

APR
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

9477-54321

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
TOTAL	3.1	20.2	17.8	13.8	10.6	8.3	7.3	5.9	4.6	3.2	2.0	1.0	.1					7199	7199	7199		
																		7199		7199		
Element (X)	Σ X ²	Σ X	X	C _A	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	35255872	482530	67.0	20.118	7199	≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	720										
Dry Bulb	29918505	457841	63.6	10.548	7199			289.6	151.2	51.3		720										
Wet Bulb	23674431	408343	56.7	8.437	7199		.7	80.1	10.9			720										
Dew Point	19496967	367383	51.0	10.197	7199		28.1	32.3	3.0			720										

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72036 COLUMBUS AFB MS 70.73-81 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		
79				.2															2	2			
77			.2	.8															9	9			
75		.1	2.3	1.0	.2														35	35	1		
73		.2	1.4	1.6	.3	.1													34	34	5	1	
71	.1	1.1	6.2	1.3	.1	.1													82	82	37	6	
69	.7	3.3	6.2	.7	.8	.2													108	108	46	53	
67	1.1	5.3	3.6	1.1		.1													103	103	137	71	
65	1.9	6.5	3.2	1.6	.2	.2													125	125	125	138	
63	.5	6.3	1.4	.7	.2														84	84	109	116	
61	1.3	4.6	2.1	.8	.2														82	82	113	103	
59	.9	2.9	2.2	.9	.1														64	64	70	95	
57	.3	2.3	1.6	.7	.2														47	47	64	65	
55	.1	3.1	1.3	.4	.3														48	48	52	53	
53	.1	1.9	1.0	.4	.3														34	34	44	53	
51	.3	1.2	1.2	.2															27	27	40	41	
49	.2	1.4	.8	.2															24	24	28	40	
47	.2	.2	.2																6	6	31	32	
45	.2	.1																	3	3	10	19	
43		.1																	1	1	3	10	
41																					1	10	
39																						10	
37																						2	
TOTAL	9.0	40.6	34.9	12.5	3.1	1.0													918	918	918	918	
Element (X)	Σ X ²		Σ X		X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	6726329		78093		85.1	9.518	918	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	3826783		58937		64.2	6.787	918			37.8	8.1			93									
Wet Bulb	3500356		56368		61.4	6.537	918			23.1	.6			93									
Dew Point	3299377		54647		59.5	7.108	918			13.3	.1			93									

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 WAFLETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7203-4 COLUMBUS AFB MS

70, 73-81

MAY

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
76 / 75			1.0	.4														13	13		
74 / 73			2.6	.3	.1													28	28	2	
72 / 71		.8	3.5	.3														42	42	16	2
70 / 69	.8	3.1	5.2	.3														87	87	51	31
68 / 67	.9	5.2	4.8	.5	.2													107	107	94	69
66 / 65	2.2	9.4	2.1	.3														129	129	114	118
64 / 63	.9	4.8	2.3	.8														80	80	128	116
62 / 61	2.1	6.0	1.4	.4	.1													92	92	85	105
60 / 59	2.5	3.8	2.2	.7														84	84	111	91
58 / 57	2.1	2.7	2.3	.5														70	70	62	83
56 / 55	.4	3.0	.8	.5	.2													46	46	54	61
54 / 53	.3	2.2	.9	.1														32	32	59	46
52 / 51	1.1	.5	.5	.3														23	23	32	54
50 / 49	.5	2.0	2.2	.3														46	46	26	28
48 / 47	1.0	1.3	.5	.1														27	27	40	37
46 / 45	.3	.7	.2															11	11	34	31
44 / 43	.1	.2																3	3	11	16
42 / 41		.1																1	1	2	23
40 / 39																					8
38 / 37																					2
TOTAL	10.1	45.8	32.4	6.1	.7													921	921	921	921
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature							Total					
Rel. Hum.	7217370		31178		88.1	8.226	921		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb	3601362		57226		62.1	7.044	921				28.0	4.1			93						
Wet Bulb	3359813		55265		60.0	6.885	921				16.5	.2			93						
Dew Point	3207263		53931		58.6	7.315	921				10.3				93						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 7033 COLUMBUS AFB MS STATION NAME 70,73-81 YEARS MAY
 MONTH MAY
 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
7 / 91				.2	.4	.1												7	7		
7 / 79				.2	.4	.1												13	13		
7 / 77			.8	1.5	.4													28	28		
7 / 75		.1	2.1	1.1	.2	.2	.1											35	35	7	
7 / 73		.1	4.2	2.3	.5	.4												70	70	27	4
7 / 71		.1	4.3	1.2	.9	.1												78	78	50	29
7 / 69	.6	2.5	5.5	1.7	.4	.2												102	102	81	63
6 / 67	.6	4.4	5.5	1.1	.3	.2												113	113	99	87
6 / 65	1.0	6.2	2.9	1.1	.8	.4												114	114	128	118
6 / 63	.4	5.6	1.5	.9	.8	.2												87	87	122	116
6 / 61	.5	2.8	1.7	1.3	.8													66	66	96	93
6 / 59	.6	2.6	1.9	.6	.2	.2												58	58	61	90
5 / 57	.3	2.1	1.4	.9	.3													46	47	61	62
5 / 55	.3	1.7	1.2	.5														35	35	61	51
4 / 53	.2	.9	1.2	.5	.2													28	28	39	54
4 / 51	.3	.8	.9	.3														20	20	29	42
5 / 49	.1	.4	.5															10	10	28	26
4 / 47	.3	.3	.4															10	10	19	36
4 / 45	.1	.2																3	3	11	22
4 / 43																				4	14
2 / 41		.1																1	1	1	8
4 / 39																					8
3 / 37																					1
TOTAL	.6	32.3	36.6	16.1	7.0	2.3	.1											924	925		924
Element (X)	Σx ²		Σx		Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.	6414525		76389		82.7	10.372	924	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	4029623		60697		65.6	7.116	925			44.8	15.4	1.5		93							
Wet Bulb	3625351		57541		62.3	6.726	924			26.6	3.4			93							
Dew Point	3385644		55514		60.1	7.386	924			18.4	.4			93							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS

70, 73-81

MAY
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
61 / 91								.1										1	1			
62 / 89							.2	.3	.1	.1								7	7			
63 / 87				.1		.2	1.2	.5	.2									21	21			
64 / 85				.4		1.0	1.2	.5	.3									32	32			
65 / 83				.3	1.3	2.0	1.4	.5	.3	.3								58	58			
66 / 81			.1	.8	1.8	2.9	1.3	.9	.8	.3								82	82	1		
67 / 79		.1	.1	.9	1.8	2.4	1.3	1.1	.4	.1								76	76	1	1	
68 / 77		.2	.2	3.1	2.0	1.8	.3	.2										92	92	23	1	
69 / 75			1.3	3.5	2.2	2.4	.8	1.0	.3									105	105	39	7	
70 / 73		.2	1.6	2.9	1.1	1.1	1.1	.5	.4	.1								84	84	92	17	
71 / 71		.1	3.3	1.1	1.4	1.0	.9	1.2	.2									85	85	89	45	
72 / 69	.1	.5	2.7	.4	.9	.5	1.3	1.0	.1									70	70	125	88	
73 / 67	.6	1.0	1.9	1.2	.9	.6	.6	.3		.1								68	68	136	116	
74 / 65	.1	1.4	.8	.8	.8	.4	.6	.1	.1									47	47	107	111	
75 / 63	.9	.8	.4	.6	.6	.3	.4											38	38	68	116	
76 / 61	.1	.2	.5	.8	.5	.3	.1											24	24	66	64	
77 / 59		.1	.5	.5	.1	.2												14	14	38	68	
78 / 57		.4	.4	.3		.1												12	12	59	51	
79 / 55	.3	.3	.1	.2	.1													10	10	39	52	
80 / 53			.1															1	1	26	49	
81 / 51																				10	25	
82 / 49																				7	30	
83 / 47																				1	31	
84 / 45																					24	
85 / 43																					17	
86 / 41																					3	
87 / 39																					7	
88 / 37																					2	
89 / 35																					1	
90 / 31																					1	
TOTAL	2.2	5.2	14.2	16.5	17.0	17.6	14.2	8.3	3.3	1.4								927	927	927	927	
Element (X)	ΣX²		ΣX		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature					Total						
Rel. Hum.	4194960		60830		65.614.816		927		≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	5145957		68733		74.1		7.326		927				78.4		56.0		24.5				93	
Wet Bulb	4100548		61376		66.2		6.312		927				50.8		15.7		.1				93	
Dew Point	3537739		56789		61.3		7.968		927				.1		27.6		2.6				93	

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1238 COLUMBUS AFB MS 70, 73-81 MAY
STATION STATION NAME YEARS MONTH

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

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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 / 23																																		9	9			
4 / 31									.6	1.0	.5	.6																						26	26			
7 / 89				.1	.1		.2	1.5	1.2	.5	.5													.1										40	40			
8 / 87				.1	.3	.5	1.2	2.0	1.0	.4	1.0	.2																						63	63			
6 / 85				.1		1.1	1.9	2.7	.6	1.2	.5																							76	76			
4 / 83				.1	.3	1.0	3.2	2.7	1.4	1.0	.4																							94	94	2		
7 / 81			.1	.4	1.0	1.4	2.0	2.4	1.7	.8	.4																							95	95	1	2	
7 / 79			.1	.6	1.7	2.4	1.1	1.3	.6	.4	.3																							80	80	6	1	
7 / 77			.4	.6	2.6	1.1	1.6	1.5	1.6	.8	.2																							97	97	21	4	
7 / 75			.1	2.7	1.1	1.1	.3	.1	.8	.8	.2																							66	66	65	4	
7 / 73		.1	1.3	1.1	.6	.9	.3	1.2	.8	.2																								60	60	97	8	
7 / 71		.2	1.2	.3	.9	.6	.9	.8	1.3	.1																								58	58	124	46	
7 / 69		1.0	1.6	.5	.5	1.1	.8	.8	.3		.1																							62	62	138	78	
6 / 67		1.1	.9	.4	.4	.3	.5	.3		.2																								39	39	109	114	
6 / 65	.2	1.0	1.0	.5	.5	.1	.3																											34	34	93	125	
4 / 63		.2	.2	.3	.3			.1																										11	11	76	88	
4 / 61	.2			.2	.1																													5	5	48	69	
4 / 59			.2	.2	.1																													5	5	60	75	
7 / 57		.1		.1																														2	2	43	57	
5 / 55		.3	.1																															4	4	28	45	
4 / 53	.1																																	1	1	10	47	
2 / 51																																					6	45
5 / 49																																					28	
4 / 47																																					23	
4 / 45																																					28	
4 / 43																																					18	
4 / 41																																					12	
4 / 39																																					6	
3 / 37																																					1	
2 / 31																																					3	
TOTAL	.5	4.0	7.2	8.6	10.7	11.5	14.5	18.0	12.6	7.4	4.4	.3	.1																					927	927		927	
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	3218473		52547		56.7	16.094	927	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	5753225		72693		78.4	7.553	927			86.8	70.8	44.7	.9	93																								
Wet Bulb	4249240		62518		67.4	5.965	927			56.5	19.3	.6	93																									
Dew Point	3486556		56342		60.8	8.193	927		.3	25.8	1.9	.2	93																									

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS 70.73-81 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	>31	Dry Bulb	Wet Bulb
6/95																		1	1	
4/93									.2	.6	.1							9	9	
1/91									.5	1.1	.4	.1						20	20	
1/89								1.9	1.7	.6	.6	.2						48	48	
6/87					.1	.1	1.7	1.3	1.4	1.1	1.2	.2						66	66	
6/85				.1	.2	.6	1.1	3.4	1.6	.6	1.1							81	81	
4/83				.4	.5	.8	2.3	2.3	1.6	1.4	.4							90	90	
1/81			.1	.2	1.0	.4	1.6	2.7	1.1	1.1	.5							81	81	1
1/79			.2	.5	1.4	2.9	1.3	1.4	1.2	1.3	.8							102	102	1
7/77		.1	.5	.4	2.4	1.5	1.2	.8	.8	.8								78	78	20
76/75		.1	.8	1.1	1.1	1.7	.2	.8	1.1	1.4	.1							77	77	55
74/73		.2	.9	1.5	.1	.5	.5	.6	1.1	.5								56	56	103
1/71		.9	1.4	.4	1.4	.8	1.4	.9	.6									72	72	122
1/69		.9	1.7	.3	.5	.6	.8	.8	.2	.3								57	57	134
6/67		.8	.6	.2	.3	1.0	.1	.4		.1								33	33	119
6/65	.2	.9	1.0	.3	.2	.2	.1											27	27	110
4/63		.4	.4	.1		.1												10	10	54
1/61	.2	.2	.2		.1													7	7	61
1/59		.2			.1													3	3	66
1/57			.3															3	3	43
5/55		.3																3	3	16
4/53																				14
2/51																				4
5/49																				
4/47																				31
4/45																				28
4/43																				24
4/41																				21
4/39																				17
4/37																				2
3/35																				1
3/33																				1
2/31																				2
TOTAL	.4	5.0	8.2	5.7	9.5	11.4	12.3	17.2	13.2	11.0	5.4	.5						924	924	924
Element (X)	ΣX ²		ΣX		X	X ²	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	3135458		51520		55.8	16.875	924		≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	5769820		72694		78.7	7.415	924				87.7	71.4	45.4	1.0	93					
Wet Bulb	4220320		62224		67.3	5.704	924				56.0	18.2	.2		93					
Dew Point	3433028		55828		60.4	8.056	924			.2	22.4	2.1			93					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72336 COLUMBUS AFB MS 70,73-81 YEARS MAY
 STATION STATION NAME 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
6 / 91									.1									1	1	
7 / 89								.3	.2									5	5	
8 / 97						.1	.4		.1	.1								7	7	
6 / 95						.7	1.0	1.2	.2	.2								30	30	
4 / 93				.3	.4	.8	1.3	.7	.2	.2								36	36	
7 / 81				.3	1.5	2.2	1.1	.8	.2	.2								58	58	
7 / 79		.1	.2	1.0	1.8	2.0	1.1	.5	.1	.2								65	65	
7 / 77	.1		.4	2.3	3.8	1.7	1.6	.5	.2	.2								101	101	8
6 / 75		.1	1.2	3.6	1.8	2.0	.4	.5	.3	.1								93	93	29
4 / 73		.5	2.1	2.9	2.1	1.1	.9	.4	.5									97	97	66
7 / 71	.1	.4	3.5	1.1	1.1	.9	.5	.4										74	74	105
7 / 69	.1	1.0	3.9	1.6	1.5	.7	.9	.5	.1									95	95	125
6 / 67	.2	1.7	2.4	1.3	.9	1.0	.5	.2										76	76	129
6 / 65	.8	2.1	1.3	.9	.9	.7	.3	.1	.1									65	65	121
4 / 63	.4	.8	1.2	1.7	.8	.7	.1											52	52	81
7 / 61	.1	.4	.5	.2	.9	.1												21	21	69
7 / 59		1.0	.8	.2	.5	.3												26	26	56
7 / 57	.2		.3	.2		.2												9	9	60
5 / 55		.3	.3	.2														8	8	26
4 / 53		.1																1	1	28
2 / 51																				11
5 / 49																				6
4 / 47																				34
4 / 45																				14
4 / 43																				9
2 / 41																				6
4 / 39																				6
3 / 35																				1
TOTAL	2.1	6.6	18.2	17.9	18.0	14.9	10.2	6.3	2.5	1.3								920	920	920
Element (X)	ΣX²		ΣX		X̄	σ _x	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	4529945		63069		68.6	14.985	920		≤ 8 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb	4925980		67004		72.8	7.079	920				74.6	49.8	16.5		93					
Wet Bulb	4004535		60455		65.7	5.893	920				46.7	10.4			93					
Dew Point	3503582		56372		61.3	7.335	920				24.0	1.4			93					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

FEDERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1203 15 STATION COLUMBUS AFB MS STATION NAME

70.73-81 YEARS

MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
7 / 71				.1	.3													4	4		
7 / 79				1.3	.5				.2									19	19		
7 / 77			.5	1.6	.8	.1	.1											29	29		
7 / 75		.1	2.0	2.8	1.3	.2												59	59	2	
7 / 73		.9	4.4	3.7	.5	.4	.1											92	92	29	2
7 / 71	.3	1.4	7.1	1.9	1.2	.2												111	111	52	35
7 / 69	.3	2.7	4.5	1.7	.8	.2												94	94	122	50
6 / 67	.9	4.6	4.5	1.4	.8	.1												112	112	134	119
6 / 65	.8	5.6	2.7	.9	.5	.8												103	103	111	152
6 / 63	.8	3.4	2.1	1.1	.9													75	75	129	94
6 / 61	.7	1.6	1.9	1.2	.4	.1												54	54	73	112
6 / 59		2.1	2.7	1.3	.2	.2												60	60	51	68
6 / 57	.2	1.5	1.3	1.3	.5													45	45	60	53
5 / 55		1.2	1.3	.3	.3	.1												30	30	54	49
4 / 53		.9	1.2	.2														21	21	42	54
4 / 51		.3	.1	.1														5	5	28	41
5 / 49		.3	.1	.1														5	5	19	28
4 / 47																				9	29
4 / 45																				3	15
4 / 43																					5
4 / 41																					7
4 / 39																					6
3 / 37																					1
TOTAL	3.9	26.6	36.3	21.1	9.2	2.5	.2	.2										918		918	918
Element (X)	Σ X ²		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	6106177		74245		80.9		10.519		918		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb	4175937		61629		67.1		6.483		918				52.7	20.6	1.4		93				
Wet Bulb	3719157		58153		63.3		6.205		918				34.3	3.1			93				
Dew Point	3452248		55928		60.9		6.998		918				20.9	.2			93				

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2203 A COLUMBUS AFB MS 70, 73-81 YEARS MAY
 STATION STATION NAME 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
6 / 95										.0								1	1		
4 / 93									.1	.1	.0	.0						18	18		
1 / 91								.1	.2	.2	.1	.0						48	48		
1 / 89				.0	.0		.1	.5	.4	.2	.1	.0	.0					100	100		
6 / 87				.0	.1	.1	.6	.5	.3	.2	.3	.1						157	157		
6 / 85				.0	.1	.4	.7	1.0	.3	.3	.2							219	219		
4 / 83				.1	.3	.6	1.0	.8	.4	.4	.1							278	278	2	
1 / 81			.0	.3	.8	.9	.8	.8	.5	.3	.1							327	327	3	2
1 / 79		.0	.1	.7	1.0	1.2	.6	.6	.3	.3	.1							357	357	9	3
7 / 77	.0	.0	.4	1.2	1.7	.8	.8	.4	.4	.2	.0							434	434	72	9
1 / 75		.1	1.3	2.0	1.0	1.0	.2	.3	.3	.3	.0							483	483	198	21
14 / 73		.3	2.3	2.0	.7	.6	.4	.4	.4	.1								521	521	421	52
1 / 71	.1	.8	3.9	.9	.9	.5	.5	.4	.3	.0								602	602	595	239
1 / 69	.3	1.9	3.9	.9	.7	.4	.5	.4	.1	.0	.0							675	675	624	495
1 / 67	.5	3.0	3.0	.9	.5	.4	.2	.2	.1									651	651	957	793
6 / 65	.9	4.1	1.9	.8	.5	.4	.2	.0	.0									644	644	909	1030
4 / 63	.5	2.8	1.2	.8	.4	.2	.1	.0										437	437	767	845
1 / 61	.7	2.0	1.0	.6	.4	.1	.0											351	351	611	705
1 / 59	.5	1.6	1.3	.6	.2	.1												314	314	513	659
1 / 57	.4	1.1	1.0	.5	.1	.0												234	235	452	477
5 / 55	.1	1.3	.6	.3	.1	.0												184	184	330	407
4 / 53	.1	.7	.5	.2	.1													118	118	262	386
2 / 51	.2	.4	.3	.1														75	75	160	315
5 / 49	.1	.5	.4	.1														85	85	114	248
4 / 47	.2	.2	.1	.0														43	43	100	250
4 / 45	.1	.1	.0															17	17	58	177
4 / 43	.0	.0																4	4	18	108
2 / 41		.0																2	2	4	86
4 / 39																					53
3 / 37																					10
1 / 35																					2
3 / 33																					1
1 / 31																					6
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

3477-1043E

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

72306 STATION COLUMBUS AFB MS STATION NAME 7073-81 YEARS MAY 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	
TAL	4.7	11.0	23.5	13.1	7.4	7.7	6.5	6.3	4.0	2.7	1.2	.1	.0					7379	7360	7379	7379	
Element (X)	ΣX	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature							Total									
Rel. Hum.	41543237	537871	72.9	17.796	7379	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	744										
Dry Bulb	37227987	519613	70.4	9.334	7380			491.1	296.7	134.4	1.9	744										
Wet Bulb	30779020	473900	64.2	6.827	7379			310.6	71.1	.9		744										
Dew Point	27305437	445351	60.4	7.606	7379		.6	162.7	8.8	.2		744										

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1234 COLUMBUS AFB MS
STATION STATION NAME

70, 73-81
YEARS

YEARS

JUN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb Dew Point		
79		.1	.3															4	4			
77		1.3	2.2	.6	.3													40	40	2	1	
75	.2	2.8	3.6	1.8	.4													79	79	21	8	
73	.3	4.9	6.2	2.2	.2													125	125	59	34	
71	.8	9.6	3.2	.8	.2													176	176	106	87	
69	2.2	6.9	5.4	.3	.1													135	135	211	156	
67	.4	3.9	4.0	.1														76	76	130	144	
65	1.2	5.7	2.1	.2	.1													84	84	105	141	
63	.4	5.2	.8	.2	.2													62	62	84	89	
61	.7	3.3	.8	.4														47	47	64	79	
59	.7	1.6	.3	.1														24	24	41	62	
57	.2	2.2																22	22	26	24	
55		1.4	.4															17	17	28	27	
53		.4	.4															8	8	10	25	
51																					10	13
49		.1																1	1	2	7	
47																					1	2
45																						1
TOTAL	7.2	49.4	34.9	6.8	1.7													900	900	900	900	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6993650	79080	87.9	7.087	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4311144	62100	69.0	5.403	900			63.5	24.8			90
Wet Bulb	4019082	59964	66.6	5.154	900			52.9	8.2			90
Dew Point	3860618	58746	65.3	5.385	900			43.0	4.3			90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-3 COLUMBUS AFB MS 70,73-81 JUN 1960-1960
STATION STATION NAME YEARS MONTH HOURS (L. S. T.)
PAGE 1 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.		TOTAL Wet Bulb Dew Point			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
67 / 85				.3	.3	.1												7	7		
67 / 83				.7	.3	.9	.3											20	20		
7 / 81			.8	1.3	1.2	.2												32	32		
7 / 79		.6	2.3	4.1	2.3	.4												88	88	6	
7 / 77		1.6	3.7	2.2	2.0	.3	.2											90	90	28	5
67 / 75	.1	2.3	7.7	4.3	1.3	.3	.1											140	140	54	40
64 / 73		3.7	5.6	3.2	1.0	.4	.1											126	126	139	47
67 / 71	.8	4.2	6.7	1.7	.2	.1	.1											124	124	156	148
7 / 69	.8	2.0	4.8	.7	.4			.1										79	79	152	151
67 / 67	.4	2.7	3.7	.8	.3	.7												77	77	112	134
67 / 65	.4	2.8	1.3	.6	.3													49	49	93	121
67 / 63	.2	1.7	.4	.3	.2													26	26	63	76
7 / 61	.2	1.1	.3	.1	.2													18	18	37	72
7 / 59	.1	.8	.8	.2														17	17	23	32
7 / 57		.2	.1															3	3	19	28
5 / 55		.3																3	3	12	16
4 / 53		.1																1	1	5	5
4 / 51																				1	14
5 / 49																					9
4 / 47																					1
4 / 43																					1
TOTAL	.1	24.0	37.4	20.6	10.3	3.6	.8	.2										900	900	900	900
Element (X)	ΣX^2	ΣX			\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.	6,633,211	73,351			81.5	9.730	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90							
Dry Bulb	481,010	65,604			72.9	5.572	900			78.3	50.3	10.6		90							
Wet Bulb	429,801	62,033			68.9	4.987	900			64.7	22.7			90							
Dew Point	4,405,98	60,102			66.8	5.479	900			52.5	9.2			90							

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
 FEDERAL CLIMATOLOGY BRANCH
 AFETAC
 AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

720306 COLUMBUS AFB MS 70,73-81 JUN 0900-1100
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥31	Dry Bulb	Wet Bulb
6 / 95									.1	.1	.1	.1	.1					3	3	
6 / 93								.1	.1	.1	.2							5	5	
6 / 91								.7	.6	.9	.4							23	23	
6 / 89						1.2	1.2	2.1	.7	.2								49	49	
6 / 87					.9	2.3	2.8	.7	.3	.1	.2							66	66	
6 / 85			.1	.8	2.7	4.9	2.1	1.8	1.3	.2								127	127	
6 / 83			.1	2.3	4.3	3.6	2.2	1.4	.6	.1								132	132	
6 / 81		.1	1.1	2.2	2.8	3.0	1.4	1.2	.4	.1								112	112	4 1
6 / 79			1.3	3.3	1.8	3.8	1.1	.8	.4	.1								114	114	52 1
6 / 77		.2	1.7	2.2	2.8	1.6	.4	.4	.2	.1								87	87	102 20
6 / 75		.4	1.6	2.4	1.1	1.1	.7	.4		.1								71	71	172 74
6 / 73	.1	.8	.8	1.3	.8	.4	.6	.2										45	45	167 102
6 / 71		.4	1.1	.6	.8	.2	.7	.2										36	36	106 145
6 / 69		.2	.9	.4		.1	.1	.1										17	17	124 139
6 / 67	.1	.2	.4		.2	.1												10	10	73 107
6 / 65		.1																1	1	44 84
6 / 63		.2																2	2	28 71
6 / 61																				12 48
6 / 59																				11 35
6 / 57																				5 24
5 / 55																				19
6 / 53																				7
6 / 51																				12
5 / 49																				6
6 / 47																				2
6 / 45																				1
6 / 43																				2
TOTAL	.2	2.8	9.1	15.7	18.1	22.3	14.1	10.1	5.1	1.7	.8							900	900	900
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	3914085	58263	64.7	12.583	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	5973080	73150	81.3	5.542	900			89.7	83.4	58.4	.8	90								
Wet Bulb	4731241	65123	72.4	4.599	900			80.0	49.7	2.5		90								
Dew Point	4175138	61058	67.8	6.043	900			58.9	19.8	.1		90								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

USAFETAC
 CLIMATE BRANCH
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72.3 JUN COLUMBUS AFB MS 70.73-81 JUN 1200-1400
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
1 / 99													.1																				1	1				
2 / 97									.1	.3	.2	.3	.2																					11	11			
3 / 95								.2	.6	.6	.4	.3	.1																					20	20			
4 / 93						.1	.1	.9	1.3	1.8	.9	.3																						49	49			
5 / 91						.1	1.2	3.0	2.2	1.1	1.3	.3																						84	84			
6 / 89					.1	1.3	2.2	5.7	1.9	.9	1.7	.2	.1																					127	127			
7 / 87				.4	1.7	3.3	2.7	1.6	1.6	1.2	.4																							129	129			
8 / 85			.1	1.7	2.0	2.0	2.2	1.7	1.7	.8	.3																							116	116			
9 / 83		.4	1.3	1.3	1.3	1.2	1.8	.9	1.3	.4	.1	.1																						106	106	1		
10 / 81		.4	.6	1.3	1.2	1.8	.9	1.3	.4	.1	.1																							74	74	12		
11 / 79		.9	.8	1.1	1.2	.9	.9	.3	.1	.1																								57	57	65	1	
12 / 77	.1	.6	1.1	.7	.9	.3	.7	.4		.3																								46	46	149	23	
13 / 75	.2	1.3	.8	.6	.4	.3	.4		.1																									38	38	174	55	
14 / 73	.3	.6	.1	.3	.2	.3	.3																											20	20	143	97	
15 / 71	.1	.9	.3	.1																														13	13	121	133	
16 / 69	.1	.1	.2																															4	4	89	143	
17 / 67	.1	.2	.1																															4	4	59	89	
18 / 65	.1																																	1	1	47	76	
19 / 63																																					22	75
20 / 61																																				9	68	
21 / 59																																				7	39	
22 / 57																																			2	36		
23 / 55																																					26	
24 / 53																																					12	
25 / 51																																					13	
26 / 49																																					8	
27 / 43																																					3	
28 / 41																																					1	
29 / 39																																					2	
TOTAL		1.1	5.1	5.4	9.8	13.8	16.6	18.1	13.7	8.4	6.4	1.9	.7																					900	900	900	900	
Element (X)	Σ X ²		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature																											
Rel. Hum.	2951277		50109		55.7		13.398		900		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total															
Dry Bulb	6583998		76798		85.3		5.847		900						89.9		87.8		75.0		8.1		90															
Wet Bulb	4831483		65815		73.1		4.546		900						81.3		54.4		3.8				90															
Dew Point	4080633		60319		67.0		6.500		900						54.1		17.6						90															

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

2
 FEDERAL BUREAU OF INVESTIGATION
 NATIONAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-3-55 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JUN 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
6/ 89														.2			2	2		
7/ 97									.1	.2	.1	.3	.3	.1			11	11		
8/ 95								.1	.4	.3	1.0	.9	.2				27	27		
9/ 93								1.2	.8	1.8	1.3	.6					51	51		
10/ 91					.1	.4	1.0	3.3	1.8	2.1	.9	.6					92	92		
11/ 89					.6	3.7	5.2	1.8	2.3	1.0	.2						133	133		
12/ 87				.1	.4	2.2	3.1	1.6	1.7	1.9	.9	.4					111	111		
1/ 85				.6	.9	2.8	1.9	.7	2.0	1.1	.3						92	92		
2/ 83			.1	1.4	1.7	2.6	2.6	1.9	2.2	.8	.3						122	122	1	
3/ 81			.3	1.1	1.7	1.8	1.4	.7	1.7	.4		.3					79	79	8	
4/ 79			.1	1.8	1.1	.9	.2	1.1	.4								51	51	65	4
5/ 77		.1	.8	.8	1.0	1.1	.2	.9	.2		.3						49	49	129	10
6/ 75		.3	.8	1.4	.6	.7	.4	.4									42	42	177	54
7/ 73		.4	.9	.2	.6		.2	.1									22	22	141	92
8/ 71	.1	.6	.1	.1													8	8	130	129
9/ 69		.2	.4														6	6	106	124
10/ 67		.1	.1														2	2	58	107
11/ 65																			49	80
12/ 63																			25	64
1/ 61																			5	77
2/ 59																			3	52
3/ 57																			3	41
4/ 55																				29
5/ 53																				16
6/ 51																				12
7/ 49																				2
8/ 47																				1
9/ 45																				2
10/ 43																				1
11/ 41																				3
12/ 39																				1
TOTAL	.1	1.6	3.4	8.0	7.3	13.0	14.8	17.2	13.1	11.0	6.2	3.3	.6	.3			900	900	900	900
Element (X)	Σx²		Σx		Σ		Σ²		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	2892166		49424		54.9		14.072		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	6603832		76910		85.5		5.914		900				90.0	88.4	74.9	9.1	90			
Wet Bulb	4807680		65662		73.0		4.365		900				81.5	52.1	2.8		90			
Dew Point	4033619		59975		66.6		6.411		900				52.0	16.0	.2		90			

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7253 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS JUN 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
6/95							.1	.3		.1	.3	.1						1	1		
4/93							.4	.1	.4	.6	.3							8	8		
7/91						.8	1.2	.6	.4	.4	.1							17	17		
8/89						.8	1.2	.6	.4	.4	.1							32	32		
8/87					.6	1.6	2.2	1.0	1.4	.1								62	62		
6/85				.8	1.9	2.6	1.7	2.1	.9									89	89		
7/83			.3	1.0	2.3	2.3	1.2	1.3	.6	.2								84	84		
7/81			1.1	2.6	3.2	3.1	1.7	1.1	.4	.1		.1					121	121	2		
7/79		.1	1.6	3.1	2.6	3.7	1.1	.3	.4								116	116	41	1	
7/77		.8	2.8	3.8	2.1	1.6	.8	.3	.1	.1							111	111	69	19	
6/75		.6	2.4	2.1	1.3	.7	.4	.1		.1							70	70	136	48	
4/73		1.7	2.0	2.6	1.3	.6	.7										79	79	153	105	
7/71	.6	1.0	1.9	.9	1.0	.1	.1										50	50	180	123	
7/69	.2	.4	1.1	.8	.4	.2		.1									30	30	125	134	
6/67		.2	.9	.4	.4												18	18	75	117	
6/65		.6		.1													6	6	53	106	
4/63		.2	.2		.1	.1											6	6	36	89	
2/61																			17	66	
7/59																			9	33	
7/57																			2	17	
5/55																			1	19	
4/53																			1	13	
2/51																				5	
4/47																				1	
4/45																				1	
4/43																				2	
4/41																				1	
TOTAL	.8	5.6	14.3	19.1	17.3	17.2	11.7	7.4	4.8	1.8	.8	.2						900	900	900	
																		900		900	
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	4263349	60691	67.4	13.767	900	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total									
Dry Bulb	5753245	71759	79.7	5.942	900			88.8	79.0	49.7	.9	90									
Wet Bulb	4636333	64473	71.6	4.434	900			78.1	40.1	1.3		90									
Dew Point	4125404	60720	67.5	5.663	900			54.7	17.3			90									

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 5432

2
 CENTRAL CLIMATOLOGY BRANCH
 WAFETAC
 AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12 13 81 COLUMBUS AFB MS 70.73-81 JUN
 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
6 / 87						.1												1	1	
6 / 85					.4		.1	.1										6	6	
7 / 83			.6	.8	.2	.4	.2	.1										21	21	
7 / 81		.1	1.8	1.6	.4	.8	.4											46	46	
7 / 79		.3	2.9	2.8	2.4	1.2	.2											89	89	8
7 / 77		1.1	4.4	5.1	3.0	.7												129	129	35 15
7 / 75		3.0	7.1	6.1	1.7	.1												162	162	64 40
7 / 73	.1	1.7	5.8	3.7	.2													103	103	122 76
7 / 71	.4	4.3	5.4	2.4	.4													118	118	198 100
7 / 69	.6	2.2	4.3	2.1	.3		.1											87	87	161 172
6 / 67		1.9	2.3	1.0	.2													49	49	109 146
6 / 65	.2	2.2	1.0	.7	.1	.1												39	39	76 117
6 / 63	.2	1.0	1.4	.3	.1													28	28	57 65
6 / 61		.8	.6	.2	.1													15	15	33 66
5 / 59			.4	.1														5	5	20 31
5 / 57			.1	.1														2	2	8 26
5 / 55																				5 9
4 / 53																				3 3
5 / 51																				1 7
5 / 49																				2
4 / 47																				3
1 74	1.6	18.7	39.2	27.0	9.8	3.4	1.1	.2										900	900	900
																		900		900

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5879958	72280	80.3	9.138	900	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	4931596	66458	73.8	5.187	900			81.1	55.7	12.2		90
Wet Bulb	4375710	62618	69.6	4.601	900			69.7	22.9			90
Dew Point	4101258	60584	67.3	5.059	900			55.1	13.3			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 WAFLETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-31 COLUMBUS AFB MS 70,73-81 JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
67/99									.0	.1	.0	.1	.0	.0				3	3																	
67/97									.0	.1	.2	.2	.1	.0				22	22																	
67/95								.0	.1	.1	.2	.2	.0					51	51																	
67/93						.0	.0	.3	.3	.5	.3	.1						113	113																	
67/91					.0	.1	.4	.9	.7	.5	.3	.1						216	216																	
67/89					.0	.5	1.0	1.7	.6	.5	.3	.1	.0					341	341																	
67/87				.0	.3	1.1	1.6	.6	.7	.4	.2	.1	.0					369	369																	
67/85			.0	.4	1.0	1.7	1.1	.8	.7	.3	.1							437	437																	
67/83			.2	.9	1.4	1.5	1.1	.8	.6	.2	.1							486	486	2																
67/81		.0	.7	1.2	1.3	1.3	.8	.5	.5	.1	.0	.1						465	465	26	1															
67/79		.2	1.5	2.1	1.5	1.5	.4	.4	.2	.0		.0						557	557	237	7															
67/77		.8	2.4	2.2	1.6	.8	.3	.3	.1	.0	.1							620	620	523	95															
67/75	.1	1.6	3.7	3.0	1.0	.4	.2	.2		.0								736	736	840	342															
67/73	.1	2.2	3.8	2.1	.6	.2	.2	.1										667	667	1003	601															
67/71	.3	3.5	4.0	1.0	.4	.1	.1	.0										676	676	1150	961															
67/69	.6	2.0	2.7	.7	.2	.0	.0	.0										448	448	1161	1180															
67/67	.1	1.6	2.1	.4	.2	.1												317	317	735	998															
67/65	.4	2.0	.9	.2	.1	.0												255	255	571	853															
67/63	.1	1.5	.5	.2	.1	.0												170	170	389	656															
67/61	.2	.9	.3	.1	.0													110	110	227	536															
67/59	.1	.4	.3	.1														65	65	148	335															
67/57	.3	.4	.0	.0														38	38	84	222															
67/55		.3	.1															26	26	60	169															
67/53		.1	.1															11	11	26	91															
67/51																				14	80															
67/49		.0																1	1	3	41															
67/47																				1	11															
67/45																					3															
67/43																					10															
67/41																					5															
67/39																					3															
TOTAL	2.1	17.5	23.0	14.6	9.5	9.3	7.4	6.7	4.6	2.9	1.8	.7	.2	.0					7200		7200															
																		7200			7200															
Element (X)	Σx²	Σx	Σ	Σx	Σx	No. Obs.		Mean No. of Hours with Temperature																												
Rel. Hum.	39552296	519924	72.2	16.700	7200	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	43513365	556571	77.3	8.247	7200			652.4	508.3	282.4	18.9	720																								
Wet Bulb	35865566	506766	70.4	5.235	7200			567.7	263.1	10.4		720																								
Dew Point	32387213	481103	66.8	5.774	7200			418.5	104.6	.3		720																								

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12.3.81 COLUMBUS AFB MS 70.73-81 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
4 / 83			.1	.3	.5													9	9		
5 / 81			.8	1.3	.9		.1	.1										29	29		
6 / 79		.5	3.3	1.9	.8	.5												66	66	2	
7 / 77	.2	3.3	5.9	3.4	.8	.1												128	128	26	12
8 / 75		7.3	11.9	3.7	.3	.1												207	207	110	39
9 / 73	.1	12.7	11.1	1.7														238	238	178	135
10 / 71	.1	9.0	5.9	.3	.2													145	145	295	210
11 / 69		3.2	3.1															59	59	171	248
12 / 67		.9	1.2	.2														21	21	81	154
13 / 65		1.1	1.0															19	19	28	67
14 / 63		.4	.4															8	8	20	26
15 / 61																				18	17
16 / 59		.1																1	1	1	21
17 / 57																					1
TOTAL	.4	34.6	43.7	12.9	3.4	.9	.1											930	930	930	930
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.	6847562		79548		85.5	6,834	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	5149332		69122		74.3	3,573	930			90.2	67.7	7.4		93							
Wet Bulb	4732057		66273		71.3	3,174	930			86.3	31.6			93							
Dew Point	4532374		64846		69.7	3,420	930			79.8	18.6			93							

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-34 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JUL 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
81 / 79			.4	.1	.1													6	6		
77 / 75		.3	1.1	.8	.4	.3												27	27		
75 / 73		2.2	3.9	1.5	.8													77	77	12	3
73 / 71		7.8	7.8	1.4	.2													161	161	56	22
71 / 69	.3	15.4	10.2	.3	.1													245	245	157	109
71 / 67	.5	14.3	9.0	.2														224	224	245	187
69 / 65	.2	5.4	4.0	.1														90	90	255	241
67 / 63		3.1	1.3	.2														43	43	90	191
65 / 61		2.0	.3															22	22	60	92
63 / 59		1.5	1.1															24	24	18	29
61 / 57		.6	.1															7	7	22	23
59 / 55		.3																3	3	12	20
57 / 53		.1																1	1	2	11
55 / 51																				1	2
TOTAL	1.1	53.1	39.2	4.6	1.6	.3												930	930	930	930

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	7254892	81958	88.1	5.886	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4919514	67558	72.6	3.579	930			87.3	51.6	1.7		93
Wet Bulb	4596532	65308	70.2	3.340	930			81.5	22.5			93
Dew Point	4436255	64147	69.0	3.549	930			75.3	13.4			93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION COLUMBUS AFB MS
 STATION NAME

70,73-81
 YEARS

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

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

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
67-69										.2	.1							3	3		
67-69									.3	.1								4	4		
67-69								.2	.1	1.1	.8	.3						23	23		
67-69							.6	1.2	.5	.4	.1							27	27		
67-69					.1	.6	2.6	2.3	1.2	.3								66	66		
67-69				.1	.4	2.5	3.0	3.0	.9	.1								93	93		
67-69			.1	1.1	5.8	6.9	.9	1.1										147	147		
67-69			.1	1.8	4.2	5.9	1.7	1.5	.4	.2								148	148	1	
67-69				1.9	5.2	3.5	1.0	.6	.1									115	115	4	
67-69			.6	3.2	4.0	1.1	1.1	.4	.1									98	98	35	5
67-69	.3	1.9	3.8	1.4	.6	.1	.4											80	80	118	8
67-69	.3	2.6	1.6	1.2	.4	.4												61	61	209	35
67-69	1.1	1.4	.8	.3	.2													35	35	252	129
67-69	.3	.8	.5	.1														16	16	158	213
67-69	.8	.2																9	9	81	220
67-69	.2																	2	2	47	155
67-69	.1																	1	1	13	68
67-69	.2																	2	2	10	35
67-69																				2	34
67-69																					13
67-69																					8
67-69																					6
67-69																					1
TOTAL	3.3	7.6	13.9	17.8	20.9	17.6	10.4	5.7	2.2	.5								930	930	930	930

Element (X)	Z ₀	Z ₁	X	S _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4081535	60647	65.2	1.675	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	
Dry Bulb	6699597	78777	84.7	5.359	930			92.8	91.6	77.0	5.7	93
Wet Bulb	5307977	70195	75.5	3.242	930			91.8	77.7	7.8		93
Dew Point	4752453	66383	71.4	3.891	930			83.3	39.0	.6		93

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7236 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS JUL 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
11/135														.1				1	1	
11/103													.2	.1				4	4	
12/101												.6	.4	.2				12	12	
12/89											.3	.5	.8	.8	.4	.1		27	27	
1/97									.2	.8	1.6	.9	.4	.3				39	39	
1/95								.1	.6	2.3	2.0	1.4	.5					65	65	
1/93								.4	2.9	4.3	3.0	.5						104	104	
1/91							.5	2.0	4.1	7.0	1.6	.6						148	148	
1/89					.1	1.3	4.8	7.8	1.5	1.6	.3							163	163	
1/87				.8	2.3	4.0	1.2	.5	.2	.2								85	85	
1/85			.5	1.6	4.0	1.2	.9	1.1	.3	.1								90	90	
1/83		.2	.8	3.1	1.2	.5	.8	.2	.2									65	65	15
1/81		.4	2.2	1.0	.5	.5	.1	.4	.1									49	49	42
1/79		.4	1.0	.2	.2	.2	.1	.1										21	21	139
7/77		.2	1.3	.3	.2													19	19	252
7/75		.4	.8															11	11	276
7/73		.3	1.1	.2														15	15	92
7/71		.4	.1															5	5	62
7/69	.2	.1	.2															5	5	29
6/67		.2																2	2	14
6/65																				9
4/63																				35
12/61																				21
11/59																				9
11/57																				7
5/55																				6
4/53																				1
TOTAL	.2	1.7	4.5	4.9	7.0	10.0	13.9	18.7	18.5	11.3	5.5	2.4	1.1	.3				930	930	930
Element (X)	ΣX ²		ΣX		Σ	Σ ²	No. Obs.		Mean No. of Hours with Temperature											
Rel. Num.	3054322		51938		55.8	3.071		930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	7396763		82747		89.0	6.079		930			93.0	91.8	86.9	25.2	93					
Wet Bulb	5407629		70855		76.2	3.167		930			92.1	81.6	11.7		93					
Dew Point	4646977		65629		70.6	4.100		930			79.5	30.6	.2		93					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
 CLIMATE CENTER
 WETLANDS
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION COLUMBUS AFB MS STATION NAME

70, 73-81 YEARS

JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
1 / 103											.2	.3						5	5																	
2 / 101										.6	.6	.3	.3					18	18																	
3 / 99								.1	.1	.4	.6	.3	.2					17	17																	
4 / 97							.1	1.0	1.5	1.4	.5	.4						46	46																	
5 / 95							.4	1.3	2.3	1.1	.4							51	51																	
6 / 93						.1	.3	1.8	3.5	4.0	.9	.3						102	102																	
7 / 91						.1	.5	1.5	5.3	5.9	1.9	.9						145	145																	
8 / 89					.1	.5	3.1	4.4	2.3	.6	.2							105	105																	
9 / 87				.2	.6	2.5	4.6	1.6	1.5	.9	.3							114	114																	
10 / 85				.6	2.0	3.1	1.4	.9	1.0	.5								89	89																	
11 / 83			.1	.9	1.7	1.5	.6	.5	.3									53	53	4																
12 / 81			.6	2.0	1.7	.4	.4	.2	.3									54	54	39																
13 / 79		.5	1.1	1.9	.5	.4		.1	.1									44	44	117	5															
14 / 77		.2	1.2	.4	.3													20	20	245	26															
15 / 75	.1	1.3	1.7	1.1	.2													41	41	245	69															
16 / 73		.8	1.1	.4														21	21	140	174															
17 / 71		.1	.1															2	2	74	215															
18 / 69		.3																3	3	48	175															
19 / 67																				14	122															
20 / 65																				4	50															
21 / 63																					46															
22 / 61																					22															
23 / 59																					14															
24 / 57																					7															
25 / 55																					5															
TOTAL	.1	3.2	5.9	7.6	7.3	8.7	12.0	15.4	17.3	11.8	5.8	2.8	1.4	.5				930	930	930	930															
Element (X)	Σ x²		Σ x		X̄	s _x	No. Obs.		Mean No. of Hours with Temperature																											
Rel. Num.	3199113		52825		56.8	14.621	930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																					
Dry Bulb	7275198		92026		88.2	6.603	930				93.0	92.5	82.5	23.9	93																					
Wet Bulb	5343028		70432		75.7	3.109	930				92.6	79.0	8.8		93																					
Dew Point	4591648		65236		70.1	4.096	930				78.6	27.4	.1		93																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

FEDERAL BUREAU OF SURVEY
 METEOROLOGICAL SERVICE
 AIR FORCE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: COLUMBUS AFB MS STATION NAME: YEARS: MONTH: JUL

PAGE 1 1600-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb
67-69										.3	.1						4	4		
69-71											.2	.2					4	4		
71-73							.2	.5	.8		.1						15	15		
73-75						.1	.3	.4	.4	.2							14	14		
75-77					.5	1.0	1.6	2.6	1.0	.2	.1						39	39		
77-79			.3	.8	3.1	2.7	1.2	.3	.2								64	64		
79-81		.1	1.3	3.4	4.5	1.8	.6	.2									80	80		
81-83		.5	2.3	4.1	4.3	1.0	.5	.4									109	109		
83-85		1.0	4.8	4.4	1.1	.8	.2										119	119		
85-87		.4	2.7	4.6	2.8	1.3	.3										114	114	19	
87-89	.4	2.7	4.6	2.8	1.3	.3											113	113	63	9
89-91	1.6	3.4	2.8	1.7	.3	.4	.1										97	97	155	31
91-93	2.5	3.9	1.7	.5	.2												82	62	237	90
93-95	2.4	2.4	1.2	.2	.1												58	58	233	191
95-97	.4	1.0	.1														14	14	112	211
97-99	.2			.1													3	3	74	194
99-101	.1																1	1	30	99
101-103																			5	46
103-105																			2	26
105-107																				22
107-109																				7
109-111																				3
111-113																				1
TOTAL	7.6	14.9	18.8	18.6	15.8	9.6	6.9	4.2	2.2	.6	.5	.2					930	930	930	930
Element (X)	Σ X ²		Σ X		X	σ _x	No. Obs.		Mean No. of Hours with Temperature											
Rel Hum.	4622343		644.9		69.3	13.188	930		± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total					
Dry Bulb	6340880		76610		82.4	5.685	930				93.0	91.2	62.5	3.7	93					
Wet Bulb	5162403		69229		74.4	3.114	930				92.3	70.7	4.3		93					
Dew Point	4677737		65865		70.8	3.742	930				82.5	32.1	.2		93					

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL BUREAU OF INVESTIGATION
 NATIONAL CLIMATOLOGY BRANCH
 WAFBETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2100-2300 COLUMBUS AFB MS STATION NAME

70, 73-81 YEARS

JUL 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																
70							.1																									1	1			
71							.1																									2	2			
72				.1			.2	.2	.1																							6	6			
73				1.1	1.1	.6	.3	.3																								32	32			
74				1.7	1.9	.9	.5																									47	47			
75		.4	1.5	4.3	3.2	.8																										95	95	2		
76		.8	5.5	6.1	2.8	.4	.1																									146	146	21	5	
77		1.9	3.1	7.0	1.5	.1	.1																									174	174	66	23	
78		5.3	9.0	3.9	.3	.3																										175	175	162	73	
79	.1	6.6	6.2	3.7	.3																											157	157	265	162	
80	.1	2.3	2.8	.5	.2																											55	55	222	262	
81		1.5	.9	.6																												27	27	117	166	
82		.3	.5	.2																												10	10	42	131	
83		.1	.1																													2	2	18	48	
84			.1																													1	1	12	13	
85																																			2	18
86																																			1	6
87																																				3
TOT		.2	1.1	3.4	6.2	9.2	11.4	3.4	1.5	.4																						930	930	930	930	
Element (X)	ΣX^2	ΣX		\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	6103265	74915		80.6	8.592	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	5547337	71729		77.1	4.022	930			92.7	83.5	25.2		93																							
Wet Bulb	4925854	67622		72.7	3.101	930			89.7	51.6	.6		93																							
Dew Point	4648553	65675		70.6	3.393	930			84.2	26.3			93																							

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

028306 COLUMBUS AFB MS 70, 73-81 JUL
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb
1 / 105														.0				1	1	
1 / 103														.1	.1	.0		9	9	
2 / 101										.2	.1	.1	.0				30	30		
1 / 99								.1	.1	.2	.2	.1	.0				51	51		
2 / 97							.0	.3	.4	.3	.1	.1	.0				93	93		
6 / 95						.0	.2	.6	.7	.3	.1						154	154		
7 / 93						.0	.2	.8	1.1	1.0	.2	.0					247	247		
7 / 91					.0	.2	.9	1.6	1.9	.6	.2	.0					399	399		
7 / 89			.0	.1	.7	1.6	2.2	.7	.3	.1							428	428		
8 / 87			.1	.4	1.8	2.3	.6	.4	.2	.1							442	442		
8 / 85			.0	.7	1.7	2.3	.8	.5	.3	.1	.0						491	491	1	
8 / 83			.2	1.2	2.3	1.5	.5	.3	.1	.0							452	452	23	
7 / 81		.1	.9	2.6	2.2	.6	.4	.1	.1	.0							515	515	138	
7 / 79		.4	2.5	3.1	1.4	.5	.1	.1	.0								606	606	482	
7 / 77	.1	1.4	4.1	2.8	1.0	.1	.1	.0									716	716	1020	
7 / 75	.1	4.0	5.6	2.1	.3	.1											897	897	1467	
7 / 73	.1	5.6	5.0	1.3	.1	.0											904	904	1452	
7 / 71	.1	4.2	2.9	.2	.1												559	559	1308	
7 / 69	.1	1.6	1.3	.1	.0												230	230	893	
6 / 67		.7	.5	.1													100	100	348	
6 / 65		.6	.2														60	60	168	
5 / 63		.3	.3														43	43	67	
5 / 61		.1	.0														7	7	53	
5 / 59		.1															5	5	16	
5 / 57		.0															1	1	3	
5 / 55																			1	15
4 / 53																				1
TAL	.3	19.1	23.6	14.2	9.6	7.9	6.9	6.5	5.7	3.4	1.6	.7	.3	.1			7440	7440	7440	
TOTAL																	7440		7440	
Element (X)	Σ X	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	1522385	542697	72.9	16.134	7440	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744								
Dry Bulb	46713000	599206	80.5	7.811	7440			732.4	643.5	363.3	58.5	744								
Wet Bulb	40306353	546863	73.5	3.849	7440			713.2	458.3	34.0		744								
Dew Point	36864355	522947	70.3	3.795	7440			643.4	210.4	1.1		744								

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7203 6 COLUMBUS AFB MS

70.73-81

YEARS

AUG
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
4 / 83					.2													2	2		
/ 81			.1	1.1	.3													14	14		
/ 79		.1	1.3	1.7	.4			.1										34	34		
7 / 77	.1	1.4	3.5	4.7	.6	.1												98	98	6	3
6 / 75	.1	5.4	8.8	3.7	.6	.1	.1											175	175	47	17
4 / 73	.6	9.1	10.4	3.3	.1	.2												222	222	159	77
/ 71	.1	7.8	9.7	.8	.1													172	172	220	172
/ 69	.9	5.9	4.4	.9	.3	.1												116	116	237	240
/ 67	.1	3.3	1.8	.1	.1													51	51	118	183
6 / 65		2.0	.3	.3	.1													26	26	82	105
4 / 63		.6	.8	.1														14	14	28	62
/ 61		.4	.2															6	6	15	40
/ 59																				13	9
/ 57																				3	11
5 / 55																					7
4 / 53																					3
/ 51																					1
TOTAL	1.2	36.2	41.4	16.7	3.0	.5	.2											930		930	
																		930		930	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	6805065	79247	85.2	7.502	930			88.4	54.5	2.7		93
Dry Bulb	4969709	67899	73.0	3.657	930			78.9	21.4			93
Wet Bulb	4555404	65012	68.3	3.778	930			69.2	9.7			93
Dew Point	4351881	63521	68.3	3.778	930							93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477 5632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72306 COLUMBUS AFB MS 70.73-81 AUG
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
81				.1														1	1		
79			.2	1.3														14	14		
77		1.3	1.1	1.3														34	34	1	
75	.1	3.9	5.8	1.9														109	109	22	10
73	.4	9.7	12.4	1.7														225	225	87	43
71	.6	12.0	3.8	.6	.3													209	209	204	140
69	1.4	7.6	8.5	.5														168	168	242	231
67	.4	4.2	4.0	.3														83	83	169	191
65		3.3	.5	.3														39	39	88	131
63	.1	1.8	.2	.1														21	21	69	82
61		1.1	.4	.1														15	15	22	53
59		.6	.2															8	8	11	26
57		.2	.2															4	4	10	6
55																				5	11
53																					5
51																					1
TOTAL	3.1	45.8	42.4	8.4	.3													930	930	930	930
Element (X)	Σ x ²		Σ x		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	7162312		81412		87.5	6.184	930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93						
Dry Bulb	4740332		66308		71.3	3.689	930				84.3	38.3	.4		93						
Wet Bulb	4410732		63960		68.8	3.584	930				72.5	11.0			93						
Dew Point	4245649		62733		67.5	3.883	930				61.5	5.3			93						

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

PSYCHROMETRIC SUMMARY

STATION: 1283 COLUMBUS AFB MS STATION NAME: 70, 73-81 YEARS: MONTH: AUG
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
8 / 47						.1												1	1		
7 / 46					.2	.5												7	7		
6 / 43			.2	.6	1.1	.1												19	19		
5 / 41			.4	2.4	1.6	.2												43	43		
4 / 39			1.3	4.8	.9	.6												76	76	2	
3 / 37		1.0	4.3	5.1	1.1		.1											107	108	20	2
2 / 35	.1	3.6	7.9	2.9	.6	.3												143	143	84	20
1 / 33	.3	6.5	1.1	1.6		.1												173	174	167	163
0 / 31	.4	6.7	8.9	1.1	.1													160	160	210	191
1 / 29	.4	4.5	5.5	.9	.3													108	108	189	215
2 / 27		1.9	2.4	.3														43	43	120	153
3 / 25		1.8	.3	.2														22	22	66	112
4 / 23		1.1	.2	.1														13	13	41	63
5 / 21		.4	.3	.1														8	8	14	35
6 / 19		.3																3	3	8	18
7 / 17		.1	.1															2	2	6	7
8 / 15																				1	5
9 / 13																					3
10 / 11																					1
TOTAL	1.3	27.9	42.6	20.2	5.9	2.0	.1												930		928
																		928			928
Element (X)	Σ X ²		Σ X		X	°X	Mean No. of Hours with Temperature					Total									
Rel. Hum.	6531547		77495		83.5	8.054	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≤ 93 F								
Dry Bulb	5193799		68697		73.9	4.559			88.2	57.1	10.7										
Wet Bulb	4600534		65248		70.3	3.730			79.4	27.4											
Dew Point	4371249		63589		68.5	3.881			68.5	12.5											

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

120306 COLUMBUS AFB MS 70.73-01 AUG
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																
97									.1	.1	.1																					3	3			
95									.2	.1	.1																					4	4			
93								.1	1.0	.3																						13	13			
91							.1	.9	1.8	1.0	.1																					36	37			
89					.4	1.2	2.5	3.7	.2	.3																						77	77			
87					1.0	4.3	4.4	1.3	.8																							109	109			
85			.1	.6	4.1	7.1	2.0	1.3	.5																							147	147			
83			.3	2.9	5.8	3.2	2.5	.6	.2																							145	145	3		
81			.4	2.9	4.2	2.3	1.3	.3	.1																							107	107	10	2	
79			1.4	3.3	3.9	1.6	1.0	.1																								105	105	70	7	
77		.2	1.8	2.8	1.7	.6	.3																									70	70	178	21	
75		1.2	2.6	1.9	.8	.2	.1																									63	63	236	82	
73		.9	1.6	1.2	.2	.2	.1																									39	39	194	174	
71		.3	.4	.2	.1																											10	10	122	213	
69						.1																										1	1	73	201	
67																																		30	87	
65																																		8	58	
63																																	4	49		
61																																	1	22		
59																																			7	
57																																			4	
55																																			2	
TOTAL		2.6	3.7	15.9	22.2	21.0	15.2	10.1	3.4	.6	.2																						929	930	929	929
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	4196295	61627	66.3	0.795	929	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																									
Dry Bulb	6447890	77296	83.1	5.031	930			93.0	91.9	69.7	2.0	93																								
Wet Bulb	5155902	69142	74.4	3.270	929			91.7	69.2	3.3		93																								
Dew Point	4624078	65442	70.4	3.900	929			78.8	28.6	.3		93																								

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GENERAL CLIMATOLOGY BRANCH
 AFM/TETAC
 AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72336 COLUMBUS AFB MS 70.73-81 AUG 1200-1400
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
100/103													.1					1	1		
102/101													.1					1	1		
107/99												.2	.3	.2				7	7		
107/97										.9	.4	.2	.2					16	16		
107/95							.1	.4	1.6	2.2	1.3	.5						57	57		
104/93						.2	.2	1.2	2.0	3.0	1.2	.2						75	75		
107/91						.3	2.4	3.9	3.5	2.6	.5							123	123		
107/89						1.0	4.1	6.8	2.3	1.7	1.0	.2						158	158		
107/87					.2	2.3	5.1	2.4	1.4	.9								113	113		
107/85				.3	1.5	4.1	3.0	2.6	1.4	.3								123	123		
104/83			.2	.6	2.3	2.8	1.5	.9	.8	.2								86	86	3	
107/81			.4	2.0	1.4	1.7	1.2	.6	.2									71	71	16	
107/79		.1	.8	.8	.2	.8	.5	.3										32	32	94	3
107/77		.1	.9	1.1	.3	.3	.1											26	26	207	17
107/75		1.0	.8	.5	.6													27	27	252	67
104/73		.4	.9															12	12	176	136
107/71			.1															1	1	91	196
107/69		.1																1	1	63	187
107/67																				23	119
106/65																				5	78
104/63																					49
102/61																					42
107/59																					22
107/57																					9
105/55																					4
104/53																					1
TOTAL		1.7	4.0	5.4	6.6	13.4	18.2	19.0	13.2	11.7	4.6	1.6	.5					930	930	930	930
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	3086958	52320	56.3	12.430	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	7137104	81314	87.4	5.437	930			93.0	92.8	85.2	15.7	93									
Wet Bulb	5249550	69812	75.1	3.112	930			92.5	74.8	5.3		93									
Dew Point	4497859	64553	69.4	4.292	930			72.5	22.3	.1		93									

USAF/TAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72336 COLUMBUS AFB MS 70.73-81 AUG 1500-1700
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

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
1 6/ 89											.1	.1	.3					5	5		
8/ 97											.5	.4	.3	.1	.2	.1		16	16		
6/ 95							.2	.1	1.1	1.1	1.7	.8	.2					48	48		
4/ 93						.1	.4	1.4	1.6	2.8	1.1	.9	.1					78	78		
1/ 91						.1	1.3	3.7	4.6	2.6	1.1	.2						126	126		
1/ 89					.1	.9	2.5	6.2	1.8	1.9	1.7	.2						143	143		
8/ 87					.1	1.2	4.1	2.5	1.5	1.6	.1							103	103		
6/ 85					.5	3.8	3.2	2.5	1.0	.8	.1							110	110	1	
4/ 83				.8	1.8	2.3	1.6	.5	1.6	.5								85	85	2	
1/ 81				1.6	2.2	.9	.2	.9	.3									56	56	12	1
1/ 79		.1	1.7	2.5	1.6	.3	.2		.1									61	61	50	3
7/ 77		.6	1.4	1.2	.4	.2												36	36	159	12
6/ 75	.2	.9	1.2	.4	.3													28	28	268	44
4/ 73		.5	1.5															19	19	205	106
1/ 71	.1	.6	.6															13	13	128	196
1/ 69		.1	.1															2	2	61	182
6/ 67																				40	129
6/ 65																				3	88
4/ 63																					54
2/ 61																					39
1/ 59																					42
1/ 57																					19
5/ 55																					12
TOTAL	.3	2.9	6.6	6.5	7.1	9.7	13.8	17.8	13.7	11.8	6.4	2.5	.8	.2	.1			929	929	929	929
Element (X)	Σ x ²	Σ x	Σ x	Σ x	Σ x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	3175889	52539	56.6	14.848	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	7016190	80546	86.7	5.936	929			93.0	91.5	80.1	14.7	93									
Wet Bulb	5152233	69125	74.4	3.076	929			92.7	69.8	3.4		93									
Dew Point	4391319	63727	68.6	4.620	929			67.6	16.8	.2		93									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54321

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7223.6 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS AUG 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
6 / 95								.1		.1								2	2		
6 / 93								.1	.1	.1								6	6		
7 / 91					.1		.3	.4	1.0	.2	.1							20	20		
7 / 89				.1	.1	.5	.9	2.3	.6	.4								46	46		
8 / 87				.2	.1	1.8	3.1	.4	.5	.2	.2							62	62		
8 / 85				.4	1.6	3.5	2.5	1.4	.4	.2								93	93		
4 / 83			.2	1.7	3.3	3.1	2.3	.9	.4									111	111	2	
7 / 81			1.0	2.3	3.6	2.9	.6	.6	.1									103	103	3	2
7 / 79		.2	2.4	5.6	3.2	2.2	1.3	.6	.1									145	145	29	3
7 / 77		1.4	4.0	5.0	1.8	1.1	.2											125	125	94	13
7 / 75	.2	1.7	4.3	2.4	1.7	.5												101	101	194	73
4 / 73		1.4	2.9	1.2	.1	.3												55	55	243	118
7 / 71		2.9	1.6	.5	.1	.1												49	49	161	197
7 / 69		.3	.4	.1	.1													9	9	116	205
6 / 67																				65	114
6 / 65																				12	80
4 / 63																				8	63
7 / 61																					29
7 / 59																					18
7 / 57																					9
5 / 55																					2
4 / 53																					1
TOTAL	.2	8.0	16.8	19.5	16.0	16.1	11.2	6.8	3.5	1.2	.5	.2						927	927	927	927
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.	4692385		64773		69.9	3.407	927	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	6059030		74788		80.7	5.230	927			93.0	87.2	52.9	.8	93							
Wet Bulb	4964889		67775		73.1	3.238	927			91.0	56.7	1.5		93							
Dew Point	4488982		64392		69.5	4.174	927			72.7	21.0	.3		93							

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12030 COLUMBUS AFB MS

70, 73-81

AUG
 MONTH

YEARS

PAGE 1

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
1 / 173													.0							1	1			
1 / 101													.0							1	1			
2 / 19												.0	.1							12	12			
6 / 97									.0	.2	.1	.1	.0	.0	.0					35	35			
6 / 95							.0	.1	.5	.4	.4	.4	.2	.0						111	111			
4 / 93						.0	.1	.5	.5	.7	.3	.2	.0							172	172			
7 / 91					.0	.1	.6	1.2	1.3	.7	.2	.0								305	306			
7 / 89				.0	.1	.4	1.2	2.4	.6	.6	.3	.1								424	424			
6 / 87				.0	.2	1.2	2.1	.8	.5	.3	.0									389	389			
6 / 85			.0	.2	1.0	2.4	1.4	1.0	.4	.2	.0									486	486	1		
7 / 83			.1	1.0	1.9	1.6	1.0	.4	.4	.1										475	475	10		
7 / 81			.3	1.8	2.0	1.2	.4	.3	.1											458	458	41	5	
7 / 79		.2	1.5	3.0	1.7	.8	.4	.1	.0											575	575	246	16	
7 / 77	.0	1.0	3.1	3.3	1.0	.4	.1		.0											665	666	705	76	
7 / 75	.1	2.7	5.0	2.4	.7	.2	.0													828	828	1198	367	
7 / 73	.2	4.3	6.1	1.6	.1	.1	.1													923	924	1460	862	
7 / 71	.2	4.3	4.3	.6	.2	.0														717	717	1352	1497	
7 / 69	.4	2.7	2.7	.4	.1	.0														468	468	1160	1694	
6 / 67	.1	1.3	1.1	.2	.0															198	198	656	1117	
6 / 65		.9	.2	.1	.0															93	93	314	742	
4 / 63	.0	.4	.1	.0																48	48	164	480	
7 / 61		.2	.1	.0																29	29	64	283	
7 / 59		.1	.0																	11	11	34	150	
7 / 57		.0	.0																	6	6	19	79	
5 / 55																						6	46	
4 / 53																							13	
2 / 51																							3	
TOTAL	1.1	18.2	24.8	14.6	9.1	8.4	7.4	6.7	4.2	3.2	1.5	.5	.2	.0	.0						7430		7430	
																					7430		7430	
Element (X)	Σ x²		Σ x		X	σ _x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	41778026		544270		73.3	16.028	7430	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	46772069		586903		79.0	7.613	7433			725.3	586.9	316.4	33.2	744										
Wet Bulb	38813169		536179		72.2	4.024	7430			683.8	366.6	13.5		744										
Dew Point	35415894		512050		68.9	4.137	7430			564.2	132.8	.9		744										

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

FEDERAL CLIMATOLOGY BRANCH
 WPC/FETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS

69-70, 73-80

SEP
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
61 / 91						.2	.1											3	3		
79 / 79			.1	.2	.2	.1												6	6		
77 / 77		.3	.9	1.2	.6													27	27		
75 / 75		3.0	3.8	2.3	.3													85	85	16	5
73 / 73	.8	5.8	6.0	1.1		.2												125	125	56	34
71 / 71	1.3	8.0	6.6	.7														146	146	138	84
69 / 69	1.8	5.2	4.4	.2	.4													109	109	167	164
67 / 67	.8	6.1	2.8	.1	.3													91	91	115	131
65 / 65	.7	5.4	.9															63	63	97	123
63 / 63	.9	3.8	.7	.3														51	51	75	73
61 / 61	.9	4.6	.1	.4	.1													55	55	53	71
59 / 59	.2	3.6	.1	.1														36	36	44	50
57 / 57	.3	2.6	.1															27	27	42	46
55 / 55	.2	2.4	.6															29	29	30	35
53 / 53		1.4	.4															17	17	19	24
51 / 51		1.6	.2															16	16	20	20
49 / 49		1.0	.1															13	10	15	18
47 / 47		.3																3	3	9	10
45 / 45		.1																1	1	4	9
43 / 43																					3
TOTAL	7.6	55.2	27.8	6.8	2.2	.4												900	900	900	900
Element (X)	Σ x ²		Σ x		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.	7134311		79859		88.7	7.326	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	4181147		61039		67.8	6.787	900			59.2	24.6	.6		90							
Wet Bulb	3908387		59031		65.6	6.376	900			49.2	7.2			90							
Dew Point	3768148		57942		64.4	6.488	900			41.8	3.9			90							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

FEDERAL BUREAU OF SURVEY
GLOBAL CLIMATOLOGY BRANCH
AF-FLTAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

12034 COLUMBUS AFB MS

69-70, 73-80

SEP
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 Poi
7 / 77			.6	.2														7	7		
6 / 75		1.9	1.8	.7														39	39	1	
4 / 73		5.2	4.6	.3														91	91	38	22
1 / 71	.9	9.4	6.7	.4														157	157	97	56
1 / 69	2.6	8.3	3.8	.6	.1													138	138	70	159
6 / 67	1.0	7.6	2.4	.1	.1													101	101	155	132
6 / 65	1.2	6.3	1.0	.1														78	78	108	133
4 / 63	.4	5.0	.3	.6														57	57	73	73
1 / 61	.9	3.6	.4	.2														46	46	61	64
1 / 59	.6	3.0	.6	.2														39	39	46	46
1 / 57	.7	4.0	.2															44	4	34	35
5 / 55	.3	2.9																29	29	44	45
4 / 53	.6	1.4	.4															22	22	32	35
2 / 51	.1	1.1	.1															12	12	15	20
5 / 49	.2	2.4																24	24	22	21
1 / 47		.9																8	8	15	22
4 / 45		.6																5	5	9	5
4 / 43		.2																2	2	2	5
1 / 41		.1																1	1	2	1
TOTAL	7.4	4.0	22.9	3.4	.2													900	900		900
																		900		900	
Element (X)	Σx ²		Σx		X	X		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.	7425996		81564		90.6	6.161		900		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb	3983251		59541		66.2	7.013		900				53.3	13.7			9					
Wet Bulb	3770540		57936		64.4	6.754		900				43.7	3.9			9					
Dew Point	3656331		57035		63.4	6.827		900				36.9	2.2			9					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

AD-A113 713

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
COLUMBUS AFB, MISSISSIPPI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(11)
FEB 82

UNCLASSIFIED

USAFETAC/DS-82/015

SBI-AD-E850 15A

NL

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5000



END
PAGE
5 OF 2
0111

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-3.6 COLUMBUS AFB MS 69-70, 73-80 YEARS SEP MONTH
 STATION STATION NAME HOURS (L. S. T.)
 PAGE 1 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
83							.1																									1	1		
81				.2	.2	.3	.2																									9	9		
79			.8	1.4	.3	.4																										27	27		
77	.1	.8	1.7	1.6	.6																										42	42	1	1	
75		1.9	4.6	1.6	.4																										76	76	23	8	
73	.4	5.2	4.8	1.8	.2	.1																									113	113	74	41	
71	.8	6.8	5.2	.6	.2																										122	122	128	78	
69	1.0	5.2	5.0	.3																											104	104	146	152	
67	.6	5.8	2.6	.7																											86	86	103	121	
65	.7	5.0	1.0	.3	.1																										64	64	96	111	
63	.4	4.3	.9																												51	51	74	80	
61	.7	2.9	.4	.7	.2																										44	44	55	74	
59	.6	2.9	.6	.4																											40	40	41	51	
57	.4	3.1	.8	.2																											41	41	38	41	
55	.1	2.2	.7																												27	27	38	30	
53	.3	1.6	.2																												19	19	33	37	
51	.1	1.1	.2																												13	13	20	23	
49		1.0	.1																												10	10	12	22	
47	.1	.7																													7	7	11	18	
45		.2																													2	2	5	6	
43		.1																													1	1	1	4	
41		.1																													1	1	1	2	
TOTAL	6.3	50.9	29.4	9.8	2.3	.9	.3																								900	900	900	900	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	6936372	78676	87.4	8.080	900	≥ 8 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	4196779	61095	67.9	7.416	900			58.0	26.8	2.2		90																							
Wet Bulb	3886625	58825	65.4	6.815	900			47.5	9.8			90																							
Dew Point	3726364	57578	64.0	6.898	900			40.1	5.0			90																							

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.1 COLUMBUS AFB MS 69-70,73-80 SEP
STATION STATION NAME YEARS MONTH
PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
97										.1	.1						2	2		
95										.2							2	2		
93									.6	.1	.1	.2					9	9		
91								.3	.3	.2	.4						12	12		
89						.2	.6	1.4	.6	.1							26	26		
87					.2	1.2	2.1	.9	.3								43	43		
85				.3	1.7	2.2	1.4	1.2	.3								65	65		
83				.8	2.9	1.9	.2	.7	.1	.1							60	60		
81			.4	2.1	4.1	1.6	1.3	.1									84	84		
79		.1	1.6	4.1	2.0	1.6	.9	.4	.1								97	97	9	
77		.3	2.6	2.8	2.3	.9	.9	.1	.1								90	90	77	4
75		.7	3.2	2.2	2.4	1.0	.8	.1		.1							95	95	125	31
73	.6	.9	2.6	1.7	1.7	1.1	.4	.3	.1								84	64	165	91
71	.1	.9	2.1	1.3	.8	.4	.2	.2	.1								56	56	109	143
69	.1	.9	2.4	1.2	.7	.1	.6										54	54	90	129
67		.8	1.7	.4	.7		.2										42	42	81	104
65		.4	.3	.3	.9	.1											19	19	77	79
63	.3	.7	.4	.3	.3	.1											20	20	49	79
61		.2	.4	.9													14	14	29	63
59	.2	.7	.6	.2	.1												16	16	26	43
57		.3	.1														4	4	35	29
55		.4		.1													5	5	22	26
53																			3	23
51																			1	24
49																			1	17
47																				8
45																				1
43																				5
TOTAL	1.3	7.3	18.5	18.9	20.8	13.3	9.3	5.9	2.7	.7	.9	.3					899	899	899	899
Element (X)	Σ X ²		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	4518549		62567		69.6		13,519		899		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	5394038		69292		77.1		7,700		899				82.2	67.0	35.7	1.3	90			
Wet Bulb	4411785		62749		69.8		5,968		899				65.7	37.6	.3		90			
Dew Point	3944141		59231		65.9		6,813		899				50.3	12.6			90			

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

WORLDWIDE CLIMATOLOGY BRANCH
 SAFETAC
 AIR FORCE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.6 STATION COLUMBUS AFB MS 69-70.73-80 YEARS SEP 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
10/89													.3	.1	.1			5	5	
9/97									.1		.2	.4	.4	.2				13	13	
8/95									.1	.6	.4	.8	.1	.2				20	21	
7/93									.3	.8	.9	.4	.6	.1				28	28	
6/91							.3	1.3	2.2	1.3	.7							53	53	
5/89						.2	2.7	3.7	2.1	.6								83	83	
4/87				.2	1.9	3.0	1.6	.6	.6									70	70	
3/85			.1	1.4	3.3	1.6	1.0	1.2	.3	.1								82	82	
2/83			.7	1.6	2.6	1.3	.9	.8	.4	.1								75	75	
1/81		.2	.8	2.7	1.6	2.1	1.8	.9	.1									91	91	2
12/79		.4	1.9	2.3	2.1	1.9	1.2	.7	.1	.1								97	97	21
11/77		.3	.3	1.6	1.3	.9	1.0	.6	.3	.6								62	62	108
10/75	.1	.6	1.7	1.4	.9	.8	.8	.4										60	60	167
9/73	.1	.8	.7	1.3	.4	.2	.2	1.4										47	47	139
8/71	.1	.7	1.0	.6	.1	.2	.9	.2										34	34	104
7/69	.1	.4	1.2	.2		.3	.3											24	24	98
6/67	.2	.6	1.0	.1	.1	.1	.2	.2										23	23	89
5/65	.1	.1	.3	.6		.1												11	11	52
4/63		.1	.1	.2														4	4	30
3/61	.2	.4	.2	.1	.1													10	10	25
2/59		.1																1	1	39
1/57		.7																6	6	14
12/55																				8
11/53																				3
10/51																				
9/49																				17
8/47																				22
7/45																				10
6/43																				3
5/41																				2
4/41																				1
TOTAL	1.0	4.0	5.9	9.5	12.6	14.3	16.5	15.0	10.2	5.5	2.1	1.8	1.0	.6	.1			899	900	899
Element (X)	Σ X ²		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature					Total				
Rel. Hum.	3366383		53337		59.3		14.996		899		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total			
Dry Bulb	6380698		73624		81.8		8.027		900				86.8	78.7	57.3	6.7	90			
Wet Bulb	4563681		63857		71.0		5.568		899				72.9	43.7	.6		90			
Dew Point	3886363		58791		65.4		6.812		899				47.5	9.9			90			

SAFETY FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71
 SAFETY

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS

69-70,73-80

SEP
 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
10/ 99														.1			1	1		
8/ 97											.3	.2	.8	.2			14	14		
6/ 95										.1	.8	.1	.6				14	14		
4/ 93							.1	.7	1.3	1.3	.8	.1					39	39		
2/ 91								.8	2.3	1.6	.7	.3					51	51		
1/ 89						.3	1.7	3.0	1.7	.9	.1						69	69		
8/ 87						1.7	3.0	1.0	.7	.4							61	61		
6/ 85					1.1	3.2	2.2	.7	1.0	.6	.2	.1					82	82		
4/ 83			.3	1.7	2.9	2.1	1.4	1.2	.4	.2							93	93		
2/ 81		.1	.3	1.7	1.7	1.4	1.1	.6	.1								68	68		
1/ 79	.1	.3	.8	.9	2.6	1.6	1.3	.7	.6								79	79	6	
7/ 77	.6	1.0	1.4	1.7	1.4	.9	1.1	.3	.1								77	77	83	2
6/ 75	.9	.6	1.9	1.2	.8	.6	1.0	.4	.1								67	67	165	18
4/ 73	.7	1.9	1.3	.1	.6	.1	.9	.3									53	53	152	56
2/ 71	2.6	2.0				.1	.7	.2	.1								51	51	109	112
1/ 69		1.0	.4			.8											20	20	115	148
6/ 67	.4	.6	.9	.1	.2	.3	.1										24	24	96	109
4/ 65	.1	.4	.1	.1	.1	.1											7	7	50	105
2/ 63		.1	.3	.6	.1												10	10	33	83
1/ 61	.1	.3	.6	.1													10	10	26	64
1/ 59		.4	.1														5	5	27	54
1/ 57		.2	.1														3	3	22	35
5/ 55																			11	24
4/ 53																			3	27
2/ 51																				21
5/ 49																				23
4/ 47																				9
4/ 45																				5
4/ 43																				3
TOTAL	.6	6.5	8.6	8.2	9.2	15.4	15.5	12.8	10.0	6.2	3.7	1.6	1.4	.3			898	898	898	898
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature												
Rel. Hum.	3454733		53751		59.9	16.268	898	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total						
Dry Bulb	5986033		72959		81.2	8.069	898			86.5	77.0	54.1	6.8	90						
Wet Bulb	4505168		63422		70.6	5.377	898			72.8	40.7	.3		90						
Dew Point	3834572		58374		65.0	6.678	898			44.6	7.6			90						

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1233 J6 STATION COLUMBUS AFB MS

69-70,73-80

YEARS

SEP MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0 / 95							.2		.2									2	2		
4 / 93							.4											6	6		
7 / 81				.1	.8	.1	.3	.1										13	13		
7 / 79			1.2	1.3	.9	.6	.2											38	38		
7 / 77		1.0	2.4	2.8	1.7	.1	.1											73	73	1	
7 / 75	.3	3.3	5.9	2.4	.8	.1		.1										117	117	40	19
7 / 73	.7	4.1	5.2	1.8	.4	.2												112	112	99	56
7 / 71	.8	5.5	6.5	.4	.1													119	119	146	89
7 / 69	.2	6.9	4.1	.2	.1													104	104	152	147
6 / 67	.9	4.1	2.7	.6	.3													77	77	124	145
6 / 65	.6	4.3	1.4	.1	.1													59	59	82	125
6 / 63	.2	3.4	.8	.4	.1													45	45	63	77
6 / 61		2.2	.8	.2	.1													30	30	46	57
6 / 59	.1	2.8	1.3	.1														39	40	36	39
5 / 57		1.4	.6	.2														20	20	35	34
5 / 55		2.0	1.0	.1														28	28	28	30
4 / 53		.7	.1															7	7	24	31
4 / 51		.6	.3															8	8	12	21
5 / 49			.2															2	2	6	17
4 / 47																				5	6
4 / 45																					6
TOTAL	3.8	42.4	34.6	10.9	5.5	1.3	1.1	.4											900		899
																		899		899	

Element (X)	Σ X				No. Obs.	Mean No. of Hours with Temperature						
	Σ X	Σ X	Σ X	Σ X		≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	6555133	76327	84.9	9.127	899							
Dry Bulb	4444647	62957	70.0	6.726	900			66.1	36.1	3.9		90
Wet Bulb	4051569	60105	66.9	6.070	899			56.3	14.0			90
Dew Point	3850534	58560	65.1	6.331	899			45.7	7.5			90

USAFETAC FORM 77 JUN 77 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72034 STATION COLUMBUS AFB MS STATION NAME 69-70.73-80 YEARS SEP 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
10/29													.0	.0	.0			6	6		
8/97									.0				.1	.1	.2			29	29		
6/95									.0	.1	.2	.1	.1	.0				36	37		
4/93									.1	.3	.3	.2	.2	.0				76	76		
2/91									.0	.3	.6	.4	.3	.0				122	122		
1/89								.1	.6	1.1	.5	.2	.0					186	186		
8/87					.1	.6	1.1	.5	.3	.1								194	194		
6/85				.1	.6	1.2	.7	.5	.4	.1	.0	.0						260	260		
4/83				.3	.9	1.1	.7	.4	.3	.1	.0							281	281		
2/81			.2	.7	1.4	.8	.7	.4	.2	.0								321	321	2	
1/79		.1	.7	1.8	1.1	1.1	.6	.4	.2	.1	.0							433	433	37	
7/77	.0	.5	1.5	1.9	1.3	.4	.4	.2	.1	.1								466	466	297	13
6/75	.1	1.7	3.1	1.9	1.1	.4	.3	.3	.1	.0								642	642	619	136
4/73	.3	3.1	3.8	1.5	.5	.3	.1	.3	.1									723	723	881	430
2/71	.5	4.7	4.3	.7	.3	.2	.2	.1	.0									788	788	969	802
1/69	.7	3.7	3.3	.5	.3	.1	.2											628	628	1069	1187
6/67	.6	3.4	2.1	.4	.3	.1	.1	.0										504	504	852	980
4/65	.4	2.8	.8	.4	.2	.0	.0											338	338	634	878
2/63	.3	2.2	.5	.4	.2	.0												263	263	439	638
1/61	.4	1.8	.4	.4	.1													229	229	335	535
11/59	.2	1.8	.6	.2	.0													202	203	286	360
9/57	.2	1.5	.3	.1														150	150	252	274
5/55	.1	1.3	.3	.3														126	126	200	259
4/53	.1	.6	.2															66	66	132	228
2/51	.0	.5	.1															49	49	70	166
5/49	.0	.6	.1															46	46	57	151
4/47	.0	.2																18	18	40	91
4/45		.1																8	8	18	35
44/43		.0																3	3	3	26
42/41		.0																2	2	3	6
TOTAL	3.9	30.7	22.3	11.3	8.4	6.6	5.9	4.5	3.0	1.6	.9	.5	.3	.1	.0			7195	7197	7195	7195
Element (X)	Σx²		Σx		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	44775069		554759		77.1	16.679	7195		≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb	39261490		527246		73.3	9.400	7197				569.8	377.8	174.7	14.8	720						
Wet Bulb	33383046		487818		67.8	6.556	7195				472.9	183.7	1.2		720						
Dew Point	30604112		466782		64.9	6.682	7195				355.0	57.9			720						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1223 6 COLUMBUS AFB MS
STATION STATION NAME

69-70,73-80

YEARS

OCT

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
7 / 79			.1	.1														2	2		
7 / 77			.1															1	1		
6 / 75			.2															2	2	2	
6 / 73			.4															4	4	2	2
7 / 71	.1	1.3	.3	.1														17	17	9	6
7 / 69	.5	1.4	1.8	.3	.2													40	40	18	14
6 / 67	.8	3.1	1.6	1.6	.1													67	67	29	29
6 / 65	.2	2.8	1.8	.9	.1													54	54	51	32
4 / 63	.5	2.4	1.6	.3	.1	.1												47	47	44	41
7 / 61	.8	2.9	1.5	.6														54	54	70	40
7 / 59		3.2	1.6	.5														51	51	49	53
7 / 57		2.8	2.4	.6	.1													55	55	50	65
5 / 55		5.1	1.9	1.2	.2													78	78	58	48
4 / 53		4.1	2.5	.6	.5													72	72	72	60
2 / 51	.2	3.3	3.1	.5														67	67	59	62
5 / 49	.1	5.2	2.6	.6														79	79	72	61
4 / 47		3.4	2.0	.9														59	59	82	52
4 / 45	.1	3.7	1.5	.4														53	53	65	75
4 / 43	.1	4.1	1.5															53	53	65	61
2 / 41	.1	2.6	1.2	.1														37	37	53	72
4 / 39		1.2	.9	.1														20	20	38	42
3 / 37	.1	1.3	.2															15	15	26	42
7 / 35	.2	.1																3	3	14	45
3 / 33																				2	15
2 / 31																					9
7 / 29																					1
2 / 27																					3
1-14	3.95	3.93	3.10	9.7	1.4	.2														930	930
																		930		930	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature					Total										
Ref. Num.	6665977	78295	84.2	8.953	930	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb	2904927	51297	55.2	9.014	930			13.3	.9	.1		93									
Wet Bulb	2651693	48953	52.6	8.980	930			6.0	.4			93									
Dew Point	2452083	46883	50.4	9.767	930		1.3	5.1	.2			93									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7236 COLUMBUS AFB MS
STATION STATION NAME

69-70.73-80 YEARS

OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70 / 75			.3															3	3		
74 / 73		.1	.3															4	4	1	
77 / 71		.6	.1															7	7	7	5
77 / 69	.9	2.2	.9	.1														37	37	20	12
67 / 67	.9	2.5	1.4	.2														46	46	27	32
66 / 65	.1	2.7	.8	.4														37	37	38	23
64 / 63	.2	3.5	2.0	.9	.1													63	63	35	32
62 / 61	1.2	2.8	1.7	.5	.3													61	61	62	50
61 / 59	.2	3.3	1.1	.4														47	47	58	44
61 / 57		3.2	1.6	.3														48	48	47	58
57 / 55		3.7	2.2	.3														57	57	49	43
64 / 53		3.7	1.5	.2		.1												51	51	60	51
62 / 51		4.0	1.7	.3														56	56	59	57
57 / 49	.5	4.7	3.0	.2	.1													80	80	49	62
64 / 47	.3	4.7	2.0	.8														73	73	78	48
64 / 45	.1	4.9	1.6															62	62	66	73
64 / 43	.1	4.3	1.4	.1														55	55	74	54
62 / 41	.2	4.0	1.1															49	49	57	56
64 / 39	.2	4.3	.5															47	47	61	67
63 / 37		2.8	.6															32	32	41	59
62 / 35		1.5	.1															15	15	26	51
63 / 33																				14	25
62 / 31																				1	20
62 / 29																					5
62 / 27																					2
62 / 25																					1
TOTAL	4.9	63.5	26.0	4.8	.5	.1												930	930	930	930
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	6939769		80009		86.0	7.799	930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	2715756		49474		53.2	9.500	930				9.7	.7			93						
Wet Bulb	2510305		47501		51.1	9.516	930				.1	5.5	.1		93						
Dew Point	2339872		45682		49.1	10.163	930			2.8	4.9				93						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

121316 COLUMBUS AFB MS 69-70,73-80 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
79					.1													1	1		
77				.1														1	1		
75			.1															1	1		
73			.1	.1														2	2	3	
71	.2	1.1	.4	.1														17	17	8	8
69	1.3	1.8	1.3	.8	.1													46	46	17	15
67	.2	2.0	2.0	.1														41	41	33	22
65	.1	2.0	2.3	.6	.4													51	51	34	25
63	.5	2.8	2.0	.6	.1	.1												58	58	40	38
61	1.1	3.0	1.9	1.1	.3													69	69	72	50
59	.4	3.3	2.2	.9	.2													65	65	60	60
57	.1	2.7	2.6	.6	.2													58	58	57	45
55		2.9	1.4	1.3	.2													54	54	59	51
53		3.1	2.3	.8	.2													59	59	56	51
51	.1	2.6	3.2	.9	.2													65	65	56	62
49	.5	2.6	3.1	.6														64	64	62	58
47	.2	4.3	2.3	1.3														75	75	68	50
45	.2	3.9	1.7	.2														56	56	82	66
43		2.5	1.7	.1														40	40	55	69
41	.4	2.6	.6															34	34	53	57
39	.2	2.9	.8															36	36	44	51
37		2.2	.1															21	21	36	60
35		1.1	.2															12	12	18	43
33		.3																3	3	13	26
31																				3	14
29																					4
27																					2
25																					2
TOTAL	5.4	49.7	32.4	10.2	2.2	.1												929	929	929	929
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	6557269	77575	83.5	9.254	929	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	2848791	50701	54.6	9.385	929			10.9	.5	.1		93									
Wet Bulb	2588803	48271	52.0	9.321	929		.3	6.1	.3			93									
Dew Point	2380842	46084	49.6	10.107	929		2.2	4.5				93									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

2
 1
 NATIONAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1233 8 COLUMBUS AFB MS 69-70,73-80 OCT
 STATION STATION NAME YEARS MONTH
 PAGE 1 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL O.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
8 / 81						.1				.1								2	2	
7 / 82					.1	.4	.3	.2	.1									11	11	
7 / 81					.3	.4	.2	.4	.1									14	14	
7 / 79				.4	.5	1.7	.6	.3	.1	.2								37	37	
7 / 77			.1	.1	1.5	.5	1.3	.4	.1		.1							39	39	
6 / 75		.2	.8	1.1	1.3	2.0	.6	.5	.2	.2								65	65	3
6 / 77		.3	.1	1.7	1.0	1.1	1.1	.6	.4	.1								53	53	15
6 / 71		.2	1.5	.3	1.1	1.9	1.2	1.0	.4		.1							72	72	33
6 / 69	.3	.6	1.2	1.6	1.4	1.1	.9	.5	.2									73	73	56
6 / 67	.3	.5	1.6	1.0	1.1	1.1	.8	1.0	.8	.1								73	73	58
6 / 65	.9	2.4	1.3	1.4	.4	1.8	.9	.1										85	85	58
6 / 53	.6	1.1	.9	1.7	.6	1.5	1.8	.6	.1									84	84	77
6 / 61	.9	1.6	1.2	1.7	1.7	.8	.3											69	69	90
6 / 59	.3	.4	.9	.3	1.8	1.8	.4	.2										58	58	76
6 / 57	.4	1.1	1.2	2.0	1.3	.6												62	62	75
5 / 55	.5	.4	1.3	1.8	.8	.3												48	48	56
4 / 53	.3	.6	1.0	.9	.6													32	32	69
4 / 51	.1	.6	.6	1.2														24	24	81
5 / 47	.2	.8	.9	.2														19	19	69
4 / 47		.2	.4															6	6	49
4 / 45		.1	.2															3	3	35
4 / 43																				22
4 / 41			.1															1	1	6
4 / 39																				1
3 / 37																				1
3 / 35																				
3 / 33																				20
2 / 31																				9
1 / 29																				3
TOTAL	1.3	6.8	14.8	15.7	19.2	18.6	12.8	7.1	2.7	.8	.1	.1						930	930	930
Element (X)	Σ X ²		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature					Total				
Rel. Hum.	3873802		58166		62.5		15.934		930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	4109850		61334		66.0		8.354		930				43.9	22.1	4.6		93			
Wet Bulb	3213306		54170		58.2		7.905		930				16.5	1.8			93			
Dew Point	2612896		48370		52.0		10.225		930		1.2	6.7	.2				93			

USAFETAC FORM 0-26-3 (O/L) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-3 8 COLUMBUS AFB MS 69-70, 73-80 OCT 1969
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
61									.1									1	1		
62										.1								1	1		
63							.4	.3	.4	.3	.3	.2						19	19		
64					.1	.1	.3	1.0	.6	.4								24	24		
65					.2	.5	1.3	1.1	1.1	.4		.2	.1					46	46		
66					.3	1.7	.8	1.5	1.6	.5	.4	.1	.1					66	66		
67					.4	1.0	1.5	2.3	2.2	1.4	.2	.1						84	84		
68			.2	.3	.5	.3	1.9	1.2	1.7	1.0	.4	.1	.1					75	75	2	
69			.3	.2	.4	1.1	1.7	2.0	1.9	.4	.8	.2	.2					87	87	7	
70		.3	.5	.3	.3	1.3	1.1	.9	.9	1.2	.2	.2						71	71	33	3
71		.5	.6	.3	.4	.8	.4	.9	1.2	1.7	.1							65	65	54	13
72	.2	.1	.9	.4	.3	1.1	1.3	1.1	1.7	.8								73	73	53	17
73			1.2	.4	.4	.4	.6	1.9	1.6	.6								68	68	77	47
74	.1	.4	.9	.6	.2		1.6	1.8	1.4	.1								67	67	78	31
75	.1	.1	1.1	.4	.6	1.2	1.8	.8	.3									60	60	96	57
76		.4	.9	.4	.1	1.0	.4	1.0	.1									40	40	73	41
77	.3	.2	.4	.4	.4	.3	1.0	.2										31	31	85	68
78		.1	.5		.1	.4	.6											17	17	59	75
79		.1	.5	.3	.2	.1												12	12	71	61
80		.1		.4	.4	.5												14	14	85	45
81			.3	.3	.2	.1												9	9	70	50
82																				36	58
83																				32	23
84																				15	46
85																				4	59
86																					55
87																					40
88																					46
89																					36
90																					21
91																					24
92																					11
93																					2
94																					1
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature															
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233 6 COLUMBUS AFB MS

69-70, 73-80

OCT
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb
1 / 89							.1										1	1		
6 / 87						.1	.1		.1	.2	.1	.1					7	7		
6 / 85						.3	.2	1.0	1.2	.2							27	27		
4 / 83					.1	.2	.9	.8	1.2	.3	.2	.2		.1			37	37		
1 / 81					.2	1.5	.1	1.3	1.6	.8	.3	.1					55	55		
1 / 79				.1	.4	1.2	1.1	1.7	1.5	1.6	.4	.1					76	76		
7 / 77		.1	.2		1.2	.9	1.8	1.0	1.2	1.1	.4	.2					75	75	2	
6 / 75		.1	.4	.4	.9	1.2	1.3	1.6	1.5	.9	.6	.1	.1				84	64	8	
4 / 73		.2	.5	.4	.4	1.8	1.1	1.7	1.0	.9	.3						78	78	12	4
1 / 71	.1	.8	.8	.3	.5	.9	1.0	1.4	1.1	1.3	.3	.1					79	79	59	10
1 / 69		.1	1.2	.5	1.1	.8	.9	1.9	1.2	.4							74	74	51	18
6 / 67	.1	.3	.6	.8	.8	.8	.4	2.0	1.2	.6							71	71	64	31
6 / 65	.3	.1	1.1	.6	.6	.2	1.7	1.5	1.7								74	74	93	47
4 / 63		.6	.3	.6	.5	1.0	1.5	.9	.5								56	56	90	31
1 / 61		.2	.3	.6	.1	.8	1.1	1.0	.2								40	40	84	54
1 / 59	.6	.2	1.1	.4	.2	.3	.8	.1									35	35	88	67
1 / 57		.1	.6	.1		.4	.4										16	16	62	81
5 / 55			.5	.2	.1	.5	.1										14	14	79	55
4 / 53		.1	.5	.4	.4	.2											16	16	80	42
2 / 51			.1	.2	.2	.1											6	6	62	73
5 / 49			.4	.1	.2												7	7	40	54
1 / 47		.1															1	1	33	42
4 / 45		.1															1	1	16	35
4 / 43																			7	50
2 / 41																				66
4 / 39																				43
3 / 37																				27
1 / 35																				37
3 / 33																				30
1 / 31																				22
1 / 29																				8
2 / 27																				3
TOTAL	1.2	3.0	3.8	6.0	8.1	13.1	14.5	17.8	15.2	8.3	2.8	1.0	.1	.1			930	930	930	930
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	2769909	48029	51.6	17.653	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	4796815	66353	71.3	8.216	930			66.4	44.0	17.5		93								
Wet Bulb	3410878	55910	60.1	7.312	930			19.6	2.2			93								
Dew Point	2546494	47662	51.2	10.573	930		3.3	6.3	.4			93								

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

720306 COLUMBUS AFB MS 69-70,73-80 OCT 1800-2000
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)
 PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4 / 63					.2													2	2		
5 / 61				.1														1	1		
6 / 79					.1	.2	.1											5	5		
7 / 77				.3	.3	.1				.1								8	8		
8 / 75		.3	.3	1.1	.5	.4												25	25	3	
9 / 73		.4	1.0	1.2	1.0	.3	.1	.1										38	38	3	4
10 / 71	.4	1.1	1.8	1.9	.9	.3	.1											61	61	23	11
11 / 69	.1	.8	1.6	2.5	1.6	.3	.2	.2	.1									69	69	36	20
12 / 67	.2	.9	1.9	2.9	2.3	.9	.2	.1	.1									88	88	46	36
13 / 65	.3	1.3	1.9	2.0	1.2	.5	.3											71	71	58	38
14 / 63		1.4	2.5	2.2	1.6	.9	.3											82	82	66	29
15 / 61	.3	1.4	1.7	2.0	1.3	.8	.1	.1										72	72	90	66
16 / 59	.8	1.2	3.3	2.2	1.5	.5	.1	.1										90	90	84	74
17 / 57		1.1	1.7	1.9	2.5	.3												70	70	71	71
18 / 55		1.2	2.5	2.0	1.3	.3	.2											70	70	83	66
19 / 53		1.0	2.4	1.8	1.3	.5	.1											66	66	63	67
20 / 51		.1	1.8	1.5	1.3													44	44	82	60
21 / 49		.2	1.4	1.6	.2	.1												33	33	68	62
22 / 47			.9	1.1	.1													19	19	50	52
23 / 45		.2	.6	.2														10	10	42	70
24 / 43		.3	.1															4	4	39	49
25 / 41		.1																1	1	16	54
26 / 39																				4	24
27 / 37																					33
28 / 35																					27
29 / 33																					9
30 / 31																					4
31 / 29																					1
32 / 27																					1
33 / 25																					1
TOTAL	7.2	12.9	27.6	28.6	19.2	6.5	2.0	.8	.2	.1								929	929	929	929
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	4982679	66991	72.1	12.794	929	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	3626829	57601	62.0	7.725	929			29.7	7.9	.5		93									
Wet Bulb	3057161	52801	56.8	7.778	929			11.3	.6			93									
Dew Point	2650564	48844	52.6	9.428	929		.7	7.1	.4			93									

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

225324 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS OCT 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
81 / 77			.1	.2													2	2		
76 / 75			.2														1	1		
74 / 73		.1	.6	.2													9	9	1	
71 / 69	.2	1.0	1.6	1.1	.2	.3											41	41	9	
69 / 69	.1	1.3	3.0	1.0	.6												56	56	21	
67 / 67	.6	1.3	1.9	1.0	.6	.2	.1										54	54	40	
66 / 65	.5	2.0	2.8	1.1													60	60	52	
63 / 63	.1	1.8	2.5	1.3	.4												57	57	45	
62 / 61	.4	2.5	2.0	2.0	.8												72	72	71	
59 / 59	.3	3.4	3.1	1.3	.1	.1											78	78	61	
57 / 57	.1	2.8	2.4	.9	.5												62	62	77	
55 / 55	.2	2.5	3.1	1.5	.8												75	75	80	
53 / 53	.2	2.0	3.5	1.1	.8												71	71	64	
51 / 51		2.0	4.1	1.3	.3												72	72	59	
49 / 49		2.9	2.9	1.3	.1												67	67	79	
47 / 47	.2	2.5	2.5	1.5	.1												63	63	73	
45 / 45		1.7	1.9		.1												35	35	71	
43 / 43		1.6	2.0		.1												35	35	48	
41 / 41			.8														14	14	44	
39 / 39		.1	.2														3	3	24	
37 / 37	.1																1	1	8	
35 / 35																			1	
33 / 33																				
25 / 25																				
TOTAL		2.2	32.4	41.4	16.7	5.6	.6	.1										930		930
																		930		930
Element (K)	S _w ²	S _x	X	S _e	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	6089169	74667	80.3	0.079	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93								
Dry Bulb	3144413	53519	57.5	8.335	930			16.5	1.4	.2		93								
Wet Bulb	2798728	50432	54.2	8.294	930			7.3	.3			93								
Dew Point	2537426	47804	51.4	9.291	930		.3	5.3				93								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS 69-70.73-80 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
91								.0										1	1	
89								.0										2	2	
87						.0	.1	.0	.1	.1	.0							26	26	
85					.0	.1	.1	.2	.2	.1								53	53	
83					.1	.1	.3	.3	.3	.1	.0	.1	.0	.0				96	96	
81				.0	.1	.5	.1	.4	.4	.2	.1	.0	.0					138	138	
79			.0	.1	.2	.5	.4	.6	.5	.4	.1	.0						205	205	
77		.0	.1	.1	.5	.2	.6	.3	.4	.3	.1	.1	.0					200	200	4
75		.1	.3	.3	.4	.6	.5	.5	.5	.2	.2	.0	.0					269	269	25
73		.2	.5	.5	.3	.6	.4	.4	.3	.3	.1	.0						259	259	70
71	.1	.8	.9	.5	.4	.5	.3	.4	.3	.4	.1	.0						359	359	202
69	.4	1.0	1.5	.9	.7	.4	.4	.5	.4	.1								468	468	274
67	.3	1.3	1.5	1.0	.7	.4	.3	.6	.5	.2								508	508	374
65	.2	1.5	1.7	1.0	.5	.1	.7	.5	.4	.0								499	499	462
63	.3	1.7	1.6	1.0	.5	.6	.7	.3	.1									507	507	493
61	.5	1.8	1.5	1.1	.5	.5	.3	.3	.0									477	477	612
59	.4	1.9	1.7	.8	.5	.4	.3	.1										455	455	561
57	.0	1.7	1.6	.7	.7	.3	.2											388	388	498
55	.0	2.0	1.6	1.0	.6	.2	.1											408	408	535
53	.0	1.8	1.7	.8	.6	.3	.0											381	381	549
51	.0	1.5	1.9	.7	.4	.0												343	343	528
49	.1	2.0	1.8	.7	.1	.0												349	349	475
47	.1	1.9	1.2	.7	.0													296	296	465
45	.1	1.8	.9	.1	.0													220	220	392
43	.0	1.6	.8	.0	.0													187	187	314
41	.1	1.3	.5	.0														136	136	229
39	.1	1.1	.3	.0														106	106	172
37	.0	.8	.1															69	69	112
35	.0	.3	.0															30	30	59
33		.0																3	3	29
31																				4
29																				
27																				
25																				
23																				
21																				
19																				
17																				
15																				
13																				
11																				
9																				
7																				
5																				
3																				
1																				
0																				
Element (K)	Σ K ²		Σ K		Σ K		Σ K		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723304 COLUMBUS AFB MS 69-70,73-80

OCT

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
7438	28.4	28.1	23.8	12.2	7.8	6.4	5.8	5.4	4.4	2.3	.7	.3	.1	.0				7438	7438	7438

Element (X)	Σx'	Σx	Σ	Σ ₂	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	47518248	530630	71.3	18.922	7438	30 F	32 F	67 F	73 F	80 F	93 F	Total
Dry Bulb	29045564	457332	61.5	11.159	7438			258.5	124.9	43.2		744
Wet Bulb	23682650	414270	55.7	9.051	7438		.4	94.9	9.9			744
Dew Point	20079842	379064	51.0	10.119	7438		15.6	47.9	1.5			744

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

DAFF 5432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7223 5 COLUMBUS AFB MS 69-70.73-80 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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
71 / 71		.1	.2	.7														9	9		
69 / 69			1.3	.3														15	15	1	
67 / 67			.8	.7														13	13	4	3
65 / 65		.4	.8	.9		.1												20	20	16	2
63 / 63		1.8	.4	.4	.2													26	26	18	15
61 / 61	.1	1.2	2.3	.4														37	37	31	24
59 / 59	.6	2.1	2.3	.7														51	51	34	25
57 / 57		1.6	1.0	.6	.1	.2	.1											32	32	43	37
55 / 55	.2	2.3	1.4	.9	.6	.1												50	50	42	39
53 / 53	.4	1.6	2.1	.6	.3													45	45	39	32
51 / 51	.4	3.0	1.4	.3	.2													49	49	40	55
49 / 49		2.7	1.8	.2	.2	.3												47	47	49	35
47 / 47	.1	2.1	1.3	.7	.2													40	40	59	39
45 / 45	.3	4.6	2.7	.4	.2													74	74	45	47
43 / 43	.1	2.1	3.8	.8	.1													62	62	57	46
41 / 41	.1	2.6	2.8	1.2														60	63	54	52
39 / 39	.1	4.5	2.1	.3	.2													65	65	75	34
37 / 37		3.5	1.0	.1														41	41	66	58
35 / 35	.6	3.2	2.0	.2														54	54	57	79
33 / 33	.3	2.0	1.1	.1														32	32	49	62
31 / 31	.6	2.0	.9															31	31	45	52
29 / 29		1.6	.2															16	16	28	37
27 / 27	.1	1.2																12	12	22	32
25 / 25	.1	.6	.1															7	7	10	33
23 / 23																				4	30
21 / 21	.2	.2	.2															6	6	2	12
19 / 19	.1	.1	.1															3	3	4	3
17 / 17																				2	7
15 / 15																				1	2
13 / 13																					2
5 / 5																					1
3 / 3																					2
TOTAL	4.6	47.0	34.4	10.6	2.5	.8	.1											897	900	897	897
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.	5889930		72020		80.3	10.951	897	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90							
Dry Bulb	2114785		42501		47.2	10.948	900		7.5	3.7				90							
Wet Bulb	1875517		39909		44.5	10.559	897		11.8	.5				90							
Dew Point	1649561		37045		41.3	11.556	897		21.4	.3				90							

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS 69-70,73-80 YEARS NOV 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
71			.7	.3														9	9		
69			.7	.2														9	8		
67		.1	1.1															11	11	6	2
65		.9	1.3	.1														21	21	13	5
63		1.0	1.0	.4	.1													23	23	20	13
61	.1	.9	.8	.2														18	18	20	24
59	.1	3.3	2.3															52	52	29	17
57	.4	1.9	.9		.1	.2												32	32	45	33
55	.3	2.6	1.4	.6														44	44	40	41
53	.4	1.6	1.2	.4	.4	.1												38	38	31	40
51	.6	3.9	1.7	.2	.4	.1												62	62	45	38
49		2.7	2.1			.2												45	45	51	41
47		2.9	2.0															44	44	44	38
45	.1	3.3	1.2	.1														43	43	46	43
43	.2	2.3	1.6	.7														43	43	53	41
41	.8	4.2	3.2	.8														81	84	49	48
39	.3	5.1	1.8	.1	.1													67	67	67	51
37	.1	4.0	1.2	.1	.1													50	50	79	50
35	.1	4.0	.2	.3	.1													43	43	46	67
33	.3	3.3	1.2	.1														45	45	49	55
31	.4	3.8	.9															46	46	45	66
29	.2	2.9	.2															30	30	48	43
27		1.8																16	16	34	33
25		1.2																11	11	14	29
23	.1	.2																3	3	10	27
21	.1	.2																3	3	3	18
19	.3	.3																6	6	4	14
17		.1	.1															2	2	3	9
15		.1																1	1	2	6
13																				1	2
5																					2
3																					1
TOTAL	5.2	58.9	29.0	4.8	1.4	.7												897	900	897	897
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.	6213618	74130	82.6	9.874	897		= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total								
Dry Bulb	1983467	41001	45.6	1.340	900			11.8	2.8				90								
Wet Bulb	1786642	38802	43.3	1.987	897			16.5	.6				90								
Dew Point	1595959	36305	40.5	1.885	897			25.1	.2				90								

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233 6 COLUMBUS AFB MS 69-70, 73-80 NOV
 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
71			.3															3	3		
69		.3	.3															10	10	1	
67		.2	1.3															14	14	6	4
65		1.7	.8	.2														24	24	9	3
63	.1	.8	1.8	.8														31	31	29	17
61	.1	1.1	1.5	.3														27	27	17	24
59	.1	1.5	1.7		.2													31	31	33	15
57	.3	2.5	1.8	.1	.2	.1	.2											47	47	32	35
55	.3	2.3	1.7	.2	.1	.1												37	37	47	35
53	.1	2.2	1.9	.4	.2													44	44	34	40
51	.4	3.2	1.9	.7	.2	.1												59	59	44	43
49	.3	2.1	2.0	.3	.3	.1												47	47	52	39
47		3.8	2.3	.6														60	60	44	38
45	.1	2.7	.7	.6														36	36	66	44
43		2.6	2.6	.7														52	52	43	41
41	.6	2.7	2.5	.3														54	57	50	54
39	.8	3.7	2.7	.7	.1													71	71	64	47
37	.3	4.4	2.0	.2														62	62	62	49
35	.1	3.2	.9		.1													39	39	68	63
33	.1	2.6	.9	.2														34	34	45	50
31	.9	3.2	.7															43	43	46	70
29	.1	2.6	.6															29	29	33	50
27	.1	2.1																20	20	34	25
25		.6	.1															6	6	16	30
23		.6																5	5	6	33
21	.2	.3																5	5	7	16
19		.1	.1															2	2	3	11
17	.2																	2	2	2	5
15		.2																2	2	1	6
13																				2	6
7																					1
5																					2
TOTAL	5.5	53.2	32.7	6.4	1.6	.4	.2											896	899	896	896
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.	6051551		73061		81.5	10.252	896	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	2017866		41366		46.0	1.291	899		11.4	2.7				90							
Wet Bulb	1807775		39033		43.6	0.952	896		15.1	.7				90							
Dew Point	1601582		36340		40.6	1.945	896		25.6	.4				90							

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS 69-70,73-80 NOV
 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	
79							.1											1	1			
77						.2	.2											4	4			
75				.2	.3	.3			.1	.1								10	10			
73			.1	.2	.3	.4	.3	.3										16	16			
71			.6	1.0	.8	.2	.2	.1	.2									28	28			
69		.1	1.3	.7	1.1	.9	.1	.2	.1									41	41	7		
67		.1	.9	.7	.8	.3	.6	.1	.2									33	33	15	7	
65	.1	.6	1.0	1.9	.8	.3	.6	.4										51	51	39	2	
63	.1	.8	.7	1.1	.6	.8	.7	.6	.1									48	48	24	36	
61		1.2	1.8	1.8	1.1	1.0	.2	.4										68	68	38	19	
59	.1	1.3	1.1	.6	1.1	1.3	1.2	.7	.1									68	68	61	34	
57	.2	1.2	1.0	.9	1.4	1.0	.7		.1									59	59	54	42	
55		.6	.9	1.7	1.0	.8	.3	.2										49	49	50	51	
53		1.0	2.0	1.1	2.0	1.0	.4											68	68	38	40	
51	.1	1.1	1.8	.6	1.3	.4	.2											50	50	70	40	
49	.2	.9	1.9	1.6	1.6	.3	.2											60	60	77	38	
47		1.1	1.4	1.7	.8	.3												48	48	66	44	
45	.1	.7	.8	1.9	1.3	.2												45	45	73	47	
43	.1	.4	1.3	1.4	.7													36	37	51	56	
41	.3	.7	1.0	1.6	.6	.1												38	39	59	55	
39	.1	.4	.7	.7	.1													18	18	46	47	
37		.4	.7	.7	.2													18	18	42	42	
35		.6	.8	.6	.3													20	20	30	61	
33			.4	.2														6	6	18	47	
31		.2		.4														6	6	11	52	
29			.1															1	1	12	31	
27		.2																2	2	5	29	
25		.1		.1														2	2	6	23	
23		.1	.1															2	2	2	18	
21			.1															1	1	1	8	
19																					9	
17																					4	
15																					2	
13																					4	
Element (X)	Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Dry Bulb	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Wet Bulb	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Dew Point	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12234 COLUMBUS AFB MS STATION NAME COLUMBUS AFB MS YEARS 69-70.73-80 MONTH NOV

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																		
1 / 11																																							5
1 / 7																																							1
1 / 5																																							2
1 / 3																																							1
TOTAL	1.6	13.9	22.5	23.0	18.5	10.1	6.1	3.1	1.0	.1																										897	899	897	897
Element (X)	ΣX ²		ΣX		ΣX	ΣX	No. Obs.		Mean No. of Hours with Temperature											Total																			
Rel. Hum.	4062913		58511		65.2	16.578	897		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb	2831586		49564		55.1	10.500	899			1.4	13.3	3.1			90																								
Wet Bulb	2260480		44158		49.2	9.834	897			3.9	2.2				90																								
Dew Point	1782787		38471		42.9	12.175	897			19.0	.7				90																								

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72336 COLUMBUS AFB MS 69-70,73-80 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
47 / 43								.1	.2	.1							4	4	
47 / 41							.2	.3	.1								6	6	
47 / 79						.1	.3	.7	.3	.2							15	15	
7 / 77					.4	.8	.9	.3	.6	.4	.4						35	35	
7 / 75				.2	.6	1.2	.3	1.2	.3	.3							38	38	
74 / 73			.2	.2	.7	1.0	1.0	.8	.2		.1						38	38	
7 / 71			.8	.6	.8	.9	1.3	.2	.8	.6	.1						54	54	2
7 / 69			.3	.9	.9	1.3	.6	.3	1.3	.8	.2						60	60	18
6 / 67			.7	.4	1.4	.6	1.0	1.1	1.2	.6							63	63	31
6 / 65		.3	.3	.4	.3	.7	1.4	.6	1.2	.1							49	49	42
4 / 63		.4	1.3	.6	1.0	1.4	1.3	1.3	1.8	.1							84	84	40
4 / 61		1.1	1.6	.4	1.1	.8	1.0	1.6	.9								76	76	64
4 / 59		.1	.8	.2	.7	.8	1.0	.9	.3								43	43	66
4 / 57		.4	.4	.6	.8	.9	.9	1.1									46	46	54
5 / 55			.1	.7	.8	1.0	.7	.6									34	34	47
4 / 53		.9	1.0	.6	1.1	.8	.7	.3									48	48	72
2 / 51		.7	1.6	1.1	1.4	.2	.8	.3									55	55	67
5 / 49		.2	.6	.3	1.2	.6	.2										28	28	76
4 / 47		.6		.6	1.0	1.0	.2										30	30	77
4 / 45	.1	.8	.1	.6	1.1	.4	.1										29	29	54
4 / 43			.4	.6	.8	.1	.1										18	19	43
2 / 41	.2	.1	.2	.4	.3												12	12	32
4 / 39			.3	.1	.4	.1											9	9	32
3 / 37		.2			.4	.2											8	8	33
7 / 35		.1			.4												5	5	15
3 / 33		.4			.1												5	5	10
7 / 31					.2												2	2	7
7 / 29		.1	.2	.1													4	4	6
2 / 27																			5
2 / 25																			2
2 / 23																			3
2 / 21																			11
2 / 19																			13
1 / 17																			6
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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 FEDERAL BUREAU OF INVESTIGATION
 NATIONAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723304 COLUMBUS AFB MS 69-70,73-80 NOV
 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
1 / 15																					2
1 / 13																					5
1 / 11																					3
1 / 9																					3
1 / 7																					1
1 / 5																					5
TOTAL	.3	4.6	11.0	9.6	19.2	14.9	14.1	11.8	9.0	3.3	1.1							898	899	898	898
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	2904038	48290	53.8	18.507	898	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	3474776	55036	61.2	10.840	899		.6	31.3	13.6	1.6		90									
Wet Bulb	2517351	46767	52.1	9.548	898		2.3	5.1				90									
Dew Point	1797779	38507	42.9	12.783	898		20.3	1.0				90									

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1233 00 COLUMBUS AFB MS 69-70, 73-80 YEARS NOV
 STATION STATION NAME 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
73								.1									1	1			
71								.2									4	4			
79						.2	.3	.6	.1		.3						14	14			
77					.2	.4	.7	.3	.6	.2	.4						26	26			
75				.2	.8	1.1	.2	.7	.1	.3							31	31			
73				.3	.6	.8	1.4	.4	.2	.1	.1						36	36			
71	.1	.6	.8	.4	.6	1.4	.7	.7	.4	.3							54	54			
69	.1	1.0	.4	.9	1.0	.6	.7	.9	.8	.2							59	59	11		
67	.1	.4	.7	1.9	1.3	.7	.7	.7	.1								59	59	29	7	
65	.8	.9	.6	.6	.6	1.8	.6	1.4	.2								66	66	48	9	
63	.2	.4	1.2	.4	1.4	.3	1.0	1.8	.1								67	67	32	26	
61	.7	1.1	.6	.9	.9	.7	1.4	.9									64	64	68	27	
59	1.0	.6	.6	.7	.8	1.3	.7										50	50	58	33	
57	.6	.2	.6	1.3	.8	1.3	.8										50	50	66	52	
55	.4	.8	.3	1.0	1.2	1.4	.3										50	50	38	41	
53	1.1	1.1	.4	1.2	.9	.4	.3										50	50	67	46	
51	.3	.7	1.6	.6	1.2	.4	1.1	.2									55	55	67	47	
49	.7	.6	.6	1.1	.7	.4											36	36	74	35	
47	.3	.2	.1	1.1	1.0	.2	.2										29	29	77	37	
45	.6	.1	.8	1.3	.2												27	27	65	50	
43		.3	.8	1.2		.1											22	22	43	50	
41	.2		.8	.6	.4												18	21	29	51	
39	.1	.1	.3														5	5	39	30	
37				.3	.2												5	5	38	44	
35			.3	.1													4	4	17	40	
33	.2		.1	.1													4	4	7	56	
31	.1	.3	.1		.3												8	8	5	50	
29		.1	.1														1	1	9	37	
27		.1	.1														2	2	4	32	
25																			3	31	
23																			3	24	
21																				12	
19																				6	
17																				6	
Element (X)	Σx ²		Σx		Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature							Total					
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

JOURNAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR FORCE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

122304 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 15																					6
1 / 13																					2
1 / 11																					2
1 / 9																					3
1 / 7																					3
1 / 5																					2
TOTAL	.7	8.1	11.0	10.9	12.3	14.6	15.1	9.8	7.5	2.6	1.4						897	900	897	897	
Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3016926	49192	54.8	18.875	897	≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	90									
Dry Bulb	3380805	54321	60.4	10.661	900	1.1	28.4	11.2	.9			90									
Wet Bulb	2471943	46315	51.6	9.482	897	2.4	4.0					90									
Dew Point	1776300	38238	42.6	12.776	897	21.7	.7					90									

FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-34 STATION COLUMBUS AFB MS

69-70, 73-80

NOV
 MONTH

PAGE 1

1870-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76 / 75					.1	.2	.1											2	2		
74 / 73				.1	.2	.2	.1											6	6		
71 / 71		.1	.1	.8	.4	.2												15	15		
69 / 69		.3	.7	.3	.9	.3												23	23	1	
67 / 67		.2	1.3	1.3	.6													31	31	12	3
66 / 65	.1	1.3	1.2	1.6	.3	.1	.2	.3										47	47	22	5
63 / 63	.1	1.4	.9	2.0	.2	.2	.1											45	45	31	22
61 / 61		.6	1.8	1.7	1.2	.6	.1											53	53	52	31
59 / 59		1.7	2.3	1.2	.6	.6		.1										58	58	41	29
57 / 57	.2	.8	1.4	2.1	1.2	.2	.6											59	59	50	41
55 / 55		1.4	.6	1.1	1.9	.7	.1											52	52	51	48
53 / 53	.3	1.0	.9	1.6	1.6	.8												55	55	49	49
51 / 51		1.1	2.3	2.2	1.4	.2												66	66	44	49
49 / 49	.2	2.1	2.7	2.8	1.0	.4												83	83	59	25
47 / 47	.1	.8	2.0	2.5	.9	.1												57	57	71	44
45 / 45		1.1	2.0	2.2	.6	.4												57	57	77	45
43 / 43		1.0	1.9	1.7	.6													46	46	75	45
41 / 41		.2	1.7	1.9	.3	.1												38	41	51	63
39 / 39	.3	.6	1.3	1.6		.1												35	35	51	62
37 / 37		.1	1.6	.1	.1													17	17	44	61
35 / 35		.3	1.2	.1														15	15	39	49
33 / 33		.2	1.0	.2														13	13	29	36
31 / 31		.6	.4															9	9	15	52
29 / 29	.1	.2		.1														4	4	14	23
27 / 27	.2		.1	.3														6	6	9	51
25 / 25		.2	.2															4	4	2	21
23 / 23		.1																1	1	5	14
21 / 21																				3	10
19 / 19																					6
17 / 17																					2
15 / 15																					2
13 / 13																					1
11 / 11																					4
9 / 9																					4
Element (X)	Σ X²		Σ X		Σ	σ _n	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

2
 FEDERAL BUREAU OF SURVEILLANCE
 METEOROLOGICAL SERVICE
 AIR FORCE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

120345 WOLU MBS AFB MS STATION NAME

69-72.73-80 YEARS

NOV MONTH

PAGE 2 1600-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
7 12.0	1.6	17.6	29.8	29.5	14.2	5.4	1.2	.6										897	900	897	897	
Element (X)	Σ X ²	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	4584833	62925	70.2	13.799	897	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb	2590390	47426	52.7	10.075	900		2.4	7.7	.8			90										
Wet Bulb	2154695	43071	48.0	9.829	897		4.8	1.3				90										
Dew Point	1770165	38433	42.8	1.738	897		19.1	.3				90										

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233 A COLUMBUS AFB MS

69-70, 73-80

NOV
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31		Dry Bulb	Wet Bulb	Dew Point
64 / 73				.1	.3													4	4		
65 / 71		.3	.4	.8														14	14		
66 / 69			.4	.1	.3													8	8	3	
67 / 67			.7	.7	.3													15	15	10	3
68 / 65		1.1	1.0	1.0	.1		.1	.1										31	31	9	2
69 / 63	.1	1.8	1.6	.9	.1													40	40	21	14
70 / 61	.2	1.3	1.7	1.0	.3													41	41	44	28
71 / 59	.1	1.8	1.6	.9	.2													41	41	35	32
72 / 57	.1	1.1	1.6	1.1	.9	.1												44	44	39	39
73 / 55	.2	2.3	2.0	1.1	.7													57	57	42	36
74 / 53	.6	2.2	1.6	1.1	.1	.6												55	55	59	36
75 / 51	.1	1.0	1.2	.6	.6	.1												32	32	40	57
76 / 49	.3	2.3	2.3	1.0	.7													60	60	48	39
77 / 47	.2	2.8	2.2	1.7	.3	.1												66	66	51	42
78 / 45	.3	3.5	3.9	1.3	.7													87	87	55	39
79 / 43		1.2	3.8	.7	.3													54	54	75	41
80 / 41		1.7	2.1	1.9	.3	.1												55	58	72	57
81 / 39	.1	2.1	2.2	1.0	.2													51	51	57	43
82 / 37	.1	2.0	1.3	.6														36	36	65	77
83 / 35	.2	1.7	1.8															33	33	44	56
84 / 33		.9	1.7															23	23	44	52
85 / 31		1.1	.7															16	16	30	52
86 / 29		1.7	.4															19	19	22	25
87 / 27	.1		.3															4	4	17	35
88 / 25	.1	.1		.2														4	4	5	44
89 / 23		.1	.2															3	3	2	16
90 / 21	.2																	2	2	3	16
91 / 19		.2																2	2	5	6
92 / 17																					3
93 / 15																					1
94 / 13																					2
95 / 11																					1
96 / 9																					3

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

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723336 STATION COLUMBUS AFB MS STATION NAME 69-70.73-80 YEARS NOV MONTH
 PAGE 2 2100-2300 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point		
TOTAL	5.2	34.4	36.8	17.7	6.6	1.0	.1	.1										897	900	897	897		

Element (X)	Σ T ₁	Σ T ₂	Σ T ₃	Σ T ₄	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5375363	68567	76.4	12.233	897							
Dry Bulb	2274461	44235	49.2	10.563	900	5.0	4.1	.4				90
Wet Bulb	1971827	41037	45.7	10.265	897	8.4	1.3					90
Dew Point	1690574	37522	41.8	1.621	897	20.5	.3					90

DATE

USAETAC FORM JUN 71 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS

69-70, 73-80

NOV
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
47 / 63								.0	.0	.0																						5	5		
47 / 81								.0	.1	.0																						10	10		
7 / 77							.0	.1	.2	.0	.0	.1																			30	30			
7 / 79						.1	.2	.2	.1	.1	.1	.1																			65	65			
7 / 75				.1	.2	.3	.3	.2	.1	.1	.1	.1																		81	51				
7 / 73			.0	.1	.3	.3	.3	.2	.1	.0	.0																			100	100				
7 / 71		.1	.5	.6	.3	.2	.4	.1	.2	.1	.1																			186	186	2			
7 / 69		.1	.8	.4	.5	.4	.2	.3	.2	.3	.2	.1																		224	224	42			
6 / 67		.1	.9	.6	.6	.3	.3	.2	.3	.2	.3	.1																		239	239	113	39		
6 / 65	.0	.9	.9	.8	.3	.2	.5	.3	.3	.0																				309	309	198	36		
4 / 63	.1	1.0	1.0	.9	.3	.5	.4	.4	.5	.0																				364	364	215	162		
4 / 61	.1	1.0	1.6	.8	.6	.4	.3	.4	.2																					384	384	334	214		
4 / 59	.1	1.6	1.6	.5	.4	.4	.4	.3	.1																					394	394	357	221		
4 / 57	.2	1.3	1.0	.7	.8	.4	.5	.2	.0																					369	369	383	322		
5 / 55	.1	1.5	1.0	.8	.8	.5	.3	.1																						373	373	357	347		
4 / 53	.0	1.4	1.5	.8	.9	.5	.2	.1																						403	403	389	320		
4 / 51	.3	1.8	1.7	.8	.9	.2	.3	.1																						428	428	417	368		
5 / 49	.1	1.7	1.7	.9	.8	.3	.1																							406	406	486	289		
4 / 47	.1	1.8	1.4	1.0	.5	.3	.1	.0																						374	374	489	331		
4 / 45	.1	2.1	1.4	1.0	.7	.2	.0																							398	398	481	365		
4 / 43	.1	1.2	2.0	.9	.5	.0	.0																							333	335	440	365		
4 / 41	.3	1.5	1.8	1.1	.3	.0																								356	375	396	430		
4 / 39	.2	2.1	1.4	.6	.2	.0																								321	321	431	355		
3 / 37	.1	1.8	1.0	.2	.2	.1																								237	237	429	418		
3 / 35	.1	1.6	.9	.2	.1																									213	213	316	467		
3 / 33	.1	1.2	.8	.1	.1																									162	162	251	407		
2 / 31	.3	1.4	.5	.1	.1																									161	161	204	439		
2 / 29	.1	1.1	.2	.0																										104	104	172	275		
2 / 27	.1	.7	.1	.1																										62	62	130	272		
2 / 25	.0	.3	.1	.0																										34	34	58	235		
2 / 23	.0	.1	.0																											14	14	35	165		
2 / 21	.1	.1	.0																											17	17	19	103		
1 / 19	.1	.1	.0																											13	13	17	68		
1 / 17	.0	.0	.0																											4	4	8	42		
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total																				
Rel. Hum.									$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																					
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 1234 COLUMBUS AFB MS STATION NAME: 69-70,73-80 YEARS: _____ MONTH: NOV

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		
1 / 1		.0																3	3	4	27		
/ 13																				3	24		
1 / 11																					15		
/ 7																					7		
/ 7																					9		
/ 4																					15		
/ 4																					4		
TOTAL	7.0	37.0	25.9	14.1	10.1	6.0	.5	3.2	2.2	.8	.3						7176	7197	7176	7176			
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	33099172	506696	70.6	17.987	7176	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total											
Dry Bulb	20668136	375450	52.2	12.261	7197		41.2	94.0	29.1	2.5		720											
Wet Bulb	16846230	339092	47.3	10.709	7176		65.2	15.8				720											
Dew Point	13664707	300861	41.9	12.102	7176		172.6	3.9				720											

USAETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-3-66 COLUMBUS AFB MS

69-70, 73-80

DEC
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
4 / 73			.1															1	1		
4 / 71			.2	.3														5	5		
4 / 69			.1	.1														2	2	3	
6 / 67			.2															2	2		3
6 / 65		.6	.3	.5														14	14	5	
4 / 63		.9	.6	.3														17	17	10	4
4 / 61		.8	.9	.2														17	17	13	12
4 / 59		.9	.9	.5														21	21	17	12
4 / 57		1.1	1.3	.2	.1	.2												27	27	20	14
5 / 55		1.3	1.0	.3		.1												25	25	23	23
4 / 53	.2	1.3	.9	.5	.8	.1												35	35	35	20
4 / 51	.2	.9	1.6	1.3	.8	.1	.1											46	46	19	35
5 / 49		1.7	1.5	.5	.3													38	38	19	16
4 / 47	.1	1.8	1.1	.8	.3													38	38	45	20
4 / 45	.1	2.6	1.4	.4	.4	.1												47	47	52	33
4 / 43	.1	2.2	2.5	.8	.4													55	55	52	33
4 / 41	.3	.9	3.7	.9	.4													57	57	41	41
4 / 39	.2	1.7	2.6	.8	.4													53	53	41	41
3 / 37	.1	2.0	1.8	1.1	.3													50	50	68	38
4 / 35		3.3	2.2	.5														56	56	54	56
3 / 33		5.1	2.4	.2														71	71	78	32
4 / 31		4.9	2.5	.6														75	75	69	80
3 / 29	.5	5.4	1.6	.1														71	71	78	63
2 / 27	.1	2.4	1.8	.2														42	42	69	61
2 / 25		2.5	1.9															41	41	49	64
2 / 23		.4	.3															7	7	35	51
2 / 21		.8	.2															9	9	25	54
1 / 19		.6																6	6	4	31
1 / 17	.1	.1																2	2	6	30
1 / 15																					33
1 / 13																					13
1 / 11																					8
1 / 9																					8
1 / 7																					1
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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 AFCE/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723306 COLUMBUS AFB MS 69-70.73-80 YEARS DEC 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	
TOTAL	7.2	45.0	35.5	11.3	4.3	.6	.1											930	930	930		
Element (X)	Z _g	Z _x	Z	Z _n	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.	5448195	70289	75.6	12.090	930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1692206	38258	41.1	11.288	930			25.3	1.0	.1					93							
Wet Bulb	1465970	35510	38.2	10.886	930			33.5	.3						93							
Dew Point	1200899	31377	33.7	12.376	930			49.7	.3						93							

USAF/TAC FORM 71 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12036 STATION COLUMBUS AFB MS 69-70,73-80 YEARS DEC
 STATION NAME 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
74 / 73			.2		.2													4	4		
73 / 71			.1		.1													2	2		
72 / 69				.1														1	1	3	
68 / 67			.2															2	2		3
66 / 65		.4	.6															10	10	3	
64 / 63		.5	.1															0	6	8	1
62 / 61		1.1	1.0															19	19	13	10
61 / 59		1.0	1.3	.1														22	22	12	11
60 / 57		2.0	1.2	.2														32	32	22	17
59 / 55	.1	1.1	.3		.1													15	15	29	25
47 / 53	.1	1.4	1.3	.1	.1													23	28	22	23
47 / 51	.3	.9	.8	.6	.1	.2	.1											29	28	23	21
5 / 49		1.4	2.5	.3	.3													42	42	17	21
4 / 47		1.9	1.8	.3	.3													41	41	29	19
4 / 45		2.4	1.6	.3	.1													41	41	52	27
44 / 43	.1	3.1	1.9	.9	.6	.1												63	63	47	25
42 / 41	.3	1.4	2.4	.9	.4													50	50	47	51
4 / 40	.3	2.3	1.4	.3	.1													41	41	43	42
3 / 37	.2	2.6	1.9	.5	.2													51	51	57	37
3 / 35	.1	3.3	2.4	.4														56	58	50	38
33 / 33		5.0	1.9															64	64	68	35
32 / 31		6.2	2.6	.6														88	88	71	72
3 / 29	.3	4.7	1.1															57	57	83	70
2 / 27	.9	4.5	.8															57	57	76	64
2 / 25	.3	3.7	1.5															51	52	57	69
22 / 23		2.0	.4															23	23	42	51
22 / 21		1.4	.4															17	17	25	51
21 / 19		1.1																10	10	18	50
1 / 17		.6																5	6	8	24
1 / 15																				4	33
14 / 13																					18
1 / 11																					11
1 / 9																					10

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR FORCE CLIMATOLOGY BRANCH
AFWETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12 3 6 STATION COLUMBUS AFB MS STATION NAME 69-70, 73-80 YEARS DEC MONTH

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	3.1	56.1	31.8	5.8	2.8	.3	.1														929	930	929	929					
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total												
Rel. Hum.	5758889		724.1		77.9		11.198		929		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	1575262		36770		39.5		11.434		930			31.0	.9	.4			93												
Wet Bulb	1388308		34414		37.0		11.058		929			38.4	.3				93												
Dew Point	1156394		30680		33.0		12.422		929			52.4	.3				93												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 US-FLTAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723366 COLUMBUS AFB MS 69-70, 73-80 DEC
 STATION MONTH
 STATION NAME YEARS
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
74 / 73			.2	.1														3	3	
73 / 71			.1															1	1	
72 / 69			.1															1	1	2
67 / 67			.2			.1												3	3	3
66 / 65		.2	.3															5	5	1
64 / 63		.2	.2	.1		.1												6	6	4
62 / 61		1.6	.1	.1	.1													18	18	7
61 / 59		2.0	1.4		.1													33	33	16
60 / 57		1.2	1.0	.1														21	21	24
59 / 55		1.4	.4	.1														18	18	28
54 / 53	.2	1.4	.6															21	21	27
52 / 51	.1	1.0	1.3			.3												25	25	23
51 / 49		1.7	2.4	.2		.1												41	41	23
49 / 47	.1	2.3	1.0	.4	.5													40	40	24
48 / 45		2.6	1.0	.8	.1													41	41	37
47 / 43		3.0	1.8	.9	.3													56	56	43
42 / 41		1.7	3.1	.6	.3													54	54	42
41 / 39	.4	2.2	3.5	.3	.3													63	63	42
39 / 37	.2	2.3	1.7	.3														42	42	66
38 / 35	.3	4.1	1.6	.5														61	61	54
37 / 33		4.9	2.4	.5														73	73	70
36 / 31	.2	5.7	1.9	.2														75	75	66
35 / 29	.5	4.0	1.7															58	58	81
34 / 27	.9	4.7	.9															60	60	76
33 / 25	.3	3.4	.6															41	41	59
32 / 23		1.5	.6															20	20	35
32 / 21	.2	2.6	.2															28	28	25
31 / 19		1.5																14	14	23
31 / 17		.6																6	6	13
31 / 15		.2																2	2	4
31 / 13																				1
31 / 11																				16
31 / 9																				6
31 / 7																				3
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 FETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-3-80 COLUMBUS AFB MS 69-70, 73-80 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 77				.1														1	1		
6 / 75				.1	.1													2	2		
4 / 73				.3		.1												4	4		
2 / 71					.5													5	5	1	
7 / 69			.2	.4	.1	.1	.1											9	9	2	
6 / 67			.2	.5	.4													11	11	3	3
6 / 65		.3	.6	.5		.2												16	16	5	1
4 / 63		.9	.5	.4	.2	.4		.1	.1									25	25	15	6
7 / 61		.6	1.0	.6	.6	.1	.2	.1		.1								32	32	20	6
7 / 59		.6	.5	.5	.4	.1	.1	.2	.2									26	26	24	26
7 / 57		.8	.8	.3	.4	.2	.1											24	24	18	17
5 / 55		.9	1.0	.3	.8	.4	.3	.3										37	37	27	25
4 / 53	.3	.9	.6	.9	.5	.9	.2	.1										41	41	33	18
2 / 51		1.0	1.1	1.1	1.1	.8	.2											47	47	21	24
7 / 49		1.0	2.0	1.4	1.4	.8	.3											64	64	32	21
7 / 47		.8	1.4	2.2	1.3	.5												57	57	38	27
4 / 45		2.3	1.8	2.2	1.7	.9												82	82	53	25
4 / 43		1.4	2.9	3.5	1.2	.4												88	88	71	28
7 / 41		1.3	2.6	1.4	1.1	.1												60	60	75	38
4 / 39	.5	1.5	2.6	2.2	1.3	.1												76	76	99	52
7 / 37	.2	1.9	2.0	1.1	.5													54	54	87	49
7 / 35		1.2	2.3	1.6	.5													52	52	71	57
3 / 33		.6	2.2	1.0	.1													36	36	64	68
2 / 31	.1	.8	1.3	.3	.2													25	25	46	95
7 / 29		.4	.9	.6														18	18	48	49
2 / 27		.8	.6	.6														19	19	22	46
7 / 25		.1	1.1	.1														12	12	20	57
2 / 23			.3															3	3	18	28
7 / 21		.1																1	1	10	41
7 / 19		.1																1	1	4	49
7 / 17		.2																2	2	1	15
7 / 15																				2	17
7 / 13																					8
7 / 11																					17
Element (X)	Z _g	Z _K	Z	° _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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR FORCE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-30-66 COLUMBUS AFB MS 69-70.73-80 DEC
 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
1 / 7																					14
1 / 7																					1
1 / 5																					2
T	1.2	2.3	3.5	24.3	14.6	6.1	1.6	.9	.3	.1								930			930
																		930			930

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.	4303439	61531	66.2	15.817	930							
Dry Bulb	2068211	42757	46.0	10.501	930		8.1	3.2	.7			93
Wet Bulb	1673858	38326	41.2	10.081	930		17.1	.6				93
Dew Point	1260908	32202	34.6	12.531	930		43.9	.3				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233 6 COLUMBUS AFB MS

69-70, 73-80

DEC
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
4 / 83								.1										1	1	
7 / 77					.3			.2										5	5	
7 / 75						.4		.2										6	6	
4 / 73				.3	.4	1.0	.5	.2										23	23	
7 / 71				.1	1.1	.6	.2				.1							20	20	1
7 / 69			.1	.4	.3	.5	.3	.1	.1	.1								19	19	4
6 / 67			.2	.9	.1	.4	.5	.3	.1	.2								26	26	5
6 / 65			.2	.1	.6	.6	.2	.2	.6									25	25	12
4 / 63	.1	.3	.8	.1	.5	.2	.5	.9	.5	.2	.2							41	41	32
7 / 61		.6	.2	.4	.4	.6	.8	1.0	.4	.1								43	43	29
7 / 59		.8	.6	.3	.3	1.2	.9	1.1	.3									51	51	25
7 / 57		.4	.2	.4	.8	1.0	.6	.9	.3									43	43	21
5 / 55		.4	.2	.5	.8	.8	1.2	.6										42	42	32
4 / 53	.3	.3	.9	1.1	1.3	2.0	1.6	.5										75	75	20
2 / 51		.3	1.4	.5	1.6	1.7	1.5	.3										69	69	35
7 / 49		.5	.5	1.2	2.3	1.3	1.2	.3										68	68	65
7 / 47		1.3	1.3	1.5	2.4	1.3	1.2											83	83	64
4 / 45	.1	.6	1.3	1.9	1.2	1.3	.6											66	66	64
4 / 43		.5	2.2	.8	.9	.6	.3											49	49	92
2 / 41		.9	.6	.4	1.4	.8												38	38	97
4 / 39	.3	.5	1.1	.6	1.5	.2												40	40	93
7 / 37	.3	.6	.8	.6	.8	.4												33	33	54
7 / 35		.3	.6	.9	.5													22	22	52
3 / 33		.1	.1	.5	.4													11	11	49
2 / 31		.3	.3	.6	.3													15	15	24
7 / 29			.6	.3														9	9	21
7 / 27			.1	.1														2	2	17
7 / 25			.1															1	1	11
7 / 23			.1															1	1	8
2 / 21		.1	.1															2	2	1
7 / 19																				2
1 / 17																				26
1 / 15																				30
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 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233 A COLUMBUS AFB MS

69-70,73-80

DEC
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
4 / 83								.1									1	1		
7 / 79							.2										2	2		
7 / 77					.1			.2									3	3		
7 / 75					.1	.4	.2										7	7		
7 / 73				.1	.2	.9	.1	.1									13	13		
7 / 71				.2	.4	.9	.2			.1							17	17		
7 / 69		.1		.6	.9	.9	.2	.4	.2	.1							32	32	3	
7 / 67		.1	.3	.6	.4	.4	.1	.3	.3	.3							28	28	5	
6 / 65	.1	.1	.1	.2	.2		.2	.1	.2	.1							13	13	14	6
6 / 63		.3	.8	.2	1.0	.1	.9	.4	.5	.2	.1						42	42	27	1
6 / 61		.8	.2	.8	.3	1.0	.5	.6	.4	.2							45	45	32	12
6 / 59		.1	.3	.4		1.3	.9	1.0	.4	.1							41	41	22	28
5 / 57		.3	.6	.6	1.0	.6	1.2	.8	.2								50	50	16	21
5 / 55		.5	.5	1.1	.9	1.4	.4	.9	.1								54	54	29	23
4 / 53	.2	.9	.6	.6	1.3	1.5	2.2	.2	.1								71	71	32	21
4 / 51		.2	1.2	1.5	1.1	1.7	1.8	.6									76	76	48	27
4 / 49		.8	1.0	1.0	1.8	1.5	1.5										70	70	53	33
4 / 47		1.1	1.5	1.8	1.2	2.2	1.1										82	82	61	11
4 / 45		.5	.9	1.6	.9	1.7	.3										55	55	80	23
4 / 43		.4	1.8	.6	1.1	.5	.2										44	44	69	33
4 / 41		.6	1.7	.9	1.3	.5											47	47	100	60
4 / 39		.8	.8	.3	1.1	.5											32	32	89	43
3 / 37	.2	.8	1.2	.6	1.0	.5											40	40	70	46
3 / 35		.3	.3	.5	1.4												24	24	50	63
3 / 33		.2	.2	.4	.3												11	11	33	55
3 / 31		.1	.4	.8	.3												15	15	28	68
2 / 29		.3	.4	.3													10	10	26	48
2 / 27				.2													2	2	22	47
2 / 25																			12	42
2 / 23			.2														2	2	5	19
2 / 21			.1														1	1	1	45
1 / 19																			2	53
1 / 17																			1	27
1 / 15																				26
Element (X)	Σ X ²		Σ X		Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1213 / COLUMBUS AFB MS

69-70, 73-80

DEC
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
7 / 77						.1												1	1		
7 / 73				.5														5	5		
7 / 71					.4													4	4		
7 / 69				.3	.3													6	6	2	
6 / 67			.3	.5	.6													14	14	4	
6 / 65		.4	.4	1.2	.1													20	20	1	3
6 / 63		.4	.8	.6	.4	.2	.2											25	25	17	6
6 / 61		1.1	.9	.4	.8	.2												31	31	23	9
6 / 59	.2	.2	1.0	.2	.2													17	17	28	21
6 / 57	.1	.6	.5	.4	.3	.1	.3	.1										24	24	17	26
5 / 55		.5	1.0	1.0	1.2	.6	.1											41	41	26	19
5 / 53		.9	1.1	1.3	1.1	.8	.1											48	48	20	20
5 / 51		1.0	1.3	1.2	1.5	.3	.1											50	50	30	16
5 / 49		1.0	2.3	1.7	1.4	.1	.1											61	61	36	24
5 / 47		1.4	2.3	1.9	1.4	.8												72	72	48	34
4 / 45		1.0	1.3	2.0	.9	.1												49	49	64	31
4 / 43		.6	1.5	3.6	.9	.3												64	64	63	24
4 / 41	.3	.8	3.7	2.6	1.6													83	83	61	55
4 / 39		2.3	3.5	2.4	.5													80	80	63	41
3 / 37		1.7	2.3	2.0	.3													59	59	104	45
3 / 35		1.7	2.0	1.8	.6													58	58	79	65
3 / 33		.5	1.6	.9	.2													30	30	82	56
2 / 31	.2	.5	1.6	1.4														35	35	37	93
2 / 29		.4	2.7	.2														31	31	34	65
2 / 27			.6	.1														7	7	35	44
2 / 25		.3	.1	.1														5	5	39	48
2 / 23			.1															1	1	5	29
2 / 21		.1	.2															3	3	2	36
1 / 19		.1	.2															3	3	3	35
1 / 17																				3	28
1 / 15																				1	25
1 / 13																					16
1 / 11																					3
1 / 9																					5
Element (X)	Σ X ²	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 AFSS/TAC
 AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

723366 STATION COLUMBUS AFB MS STATION NAME 69-70.73-80 YEARS DEC 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			
7																					4			
5																					1			
TOTAL	.9	17.7	33.2	28.6	14.9	3.7	1.0	.1									927	927	927	927				
Element (K)	Σ K'		Σ K		Σ K	Σ K	No. Obs.										Mean No. of Hours with Temperature							
Rel. Hum.	4351025		62105		67.0	4.334	927										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	2050320		42516		45.9	0.411	927											8.5	3.0	.6				93
Wet Bulb	1673602		38266		41.3	0.076	927											16.0	.6					93
Dew Point	1277340		32464		35.0	2.315	927											43.3						93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233-6 COLUMBUS AFB MS 69-70, 73-80 YEARS DEC
 STATION STATION NAME 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														3	3		
73 / 71			.1															1	1		
72 / 69				.3														3	3	1	1
71 / 67		.2	.3	.2	.6													13	13	3	3
70 / 65		.3	.9	.3	.1													15	15	2	3
69 / 63		.9	.9	.8	.1	.1												25	25	12	6
68 / 61	.1	1.1	.2	.8	.2													22	22	23	11
67 / 59	.2	1.2	1.2	.4	.1													29	29	27	21
66 / 57		.9	.8		.3													18	18	22	17
65 / 55		.4	.6	.6	.8	.3												26	26	25	18
64 / 53		1.3	1.0	.6	1.4	.3												43	43	15	27
62 / 51		.9	.6	1.2	.6	.1												32	32	21	23
61 / 49		2.7	1.4	1.3	.5	.1												56	56	33	19
60 / 47		1.2	1.8	.9	.6	.1												43	43	51	28
59 / 45		.9	2.0	.9	1.1	.1												46	46	42	32
58 / 43	.1	2.0	2.3	1.1	.1													52	52	53	22
57 / 41	.1	1.0	2.8	1.8	.4													57	57	56	36
56 / 39		2.5	3.5	1.8	.3													75	75	43	54
55 / 37		2.6	3.8	1.0	.3													71	71	74	34
54 / 35		3.1	2.5	.8														59	59	71	69
53 / 33		3.7	2.6	1.0	.1													68	68	101	39
52 / 31	.3	3.7	2.6	.9														69	69	61	79
51 / 29		1.4	2.6	.1														38	38	56	79
50 / 27		1.4	1.8	.1														31	31	49	68
49 / 25		1.1	.9															17	17	46	51
48 / 23		.3	.2															5	5	23	33
47 / 21		.5	.1															6	6	6	39
46 / 19		.1																1	1	7	34
45 / 17		.1	.1															2	2	1	22
44 / 15		.1																1	1	1	36
43 / 13																				2	9
42 / 11																					7
41 / 9																					6
40 / 7																					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																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71 USAFETAC

JUNIPAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723306 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 5																					1
7 3																					2
TAL	.9	35.5	37.5	17.0	7.9	1.2												927	927	927	
																	927		927		
Element (K)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	5046743		67349		72.7	12.882	927		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	1831277		39897		43.0	11.103	927			17.1	2.0	.3			93						
Wet Bulb	1556587		36665		39.6	10.719	927			25.3	.4				93						
Dew Point	1249029		32013		34.5	12.448	927			46.9	.1				93						

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 OS-FETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7253.6 COLUMBUS AFB MS 69-70, 73-80 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
4 / 83									.0	.0																						2	2		
5 / 81									.0																							1	1		
6 / 79									.0																							2	2		
7 / 77				.0	.1	.0	.0	.0																							10	10			
8 / 75				.0	.0	.1	.1																								15	15			
9 / 73			.1	.2	.1	.2	.1	.0																							56	56			
10 / 71			.1	.1	.3	.2	.1	.3	.2	.1	.0	.0																		55	55	2			
11 / 69		.0	.1	.3	.2	.2	.1	.1	.0	.0																				73	73	20			
12 / 67		.0	.3	.3	.3	.1	.1	.1	.1	.1																				99	99	22	14		
13 / 65	.0	.3	.4	.4	.1	.1	.1	.0	.1	.0																				118	118	43	16		
14 / 63	.0	.6	.6	.3	.3	.1	.2	.2	.1	.1	.0																			187	187	126	35		
15 / 61	.0	1.0	.6	.4	.3	.2	.2	.2	.1	.1	.0																			227	227	160	75		
16 / 59	.1	.8	.9	.3	.1	.3	.2	.3	.1	.0																				240	240	171	149		
17 / 57	.0	.9	.8	.3	.4	.3	.3	.2	.1																					239	239	160	170		
18 / 55	.0	.8	.6	.5	.6	.5	.3	.2	.0																					258	258	219	165		
19 / 53	.2	1.0	.9	.6	.8	.7	.5	.1	.0																					362	362	199	181		
20 / 51	.1	.8	1.2	.9	.8	.7	.5	.1																						373	373	218	189		
21 / 49		1.3	1.7	1.0	1.0	.5	.4	.0																						440	440	278	175		
22 / 47	.0	1.5	1.5	1.2	1.0	.6	.3																							456	456	364	182		
23 / 45	.0	1.6	1.4	1.3	.8	.5	.1																							427	427	444	220		
24 / 43	.0	1.7	2.1	1.5	.7	.3	.1																							471	471	490	243		
25 / 41	.1	1.1	2.6	1.2	.9	.2																								446	446	519	353		
26 / 39	.2	1.7	2.4	1.1	.7	.1																								460	460	527	360		
27 / 37	.2	1.8	1.9	.9	.4	.1																								400	400	580	311		
28 / 35	.1	2.2	1.7	.9	.4																									390	390	481	465		
29 / 33	.0	2.5	1.7	.6	.1																									364	364	545	392		
30 / 31	.1	2.8	1.7	.7	.1																									397	397	402	642		
31 / 29	.2	2.1	1.5	.2																										292	292	427	515		
32 / 27	.2	1.7	.8	.2																										220	220	366	429		
33 / 25	.1	1.4	.8	.0																										168	169	293	431		
34 / 23		.5	.3																											62	62	171	281		
35 / 21	.0	.7	.2																											67	67	95	346		
36 / 19		.4	.0																											35	35	63	362		
37 / 17	.0	.2	.0																											18	18	33	202		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233-6 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS DEC 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
1 / 15		.0																3	3	12	225
1 / 13																				3	125
1 / 11																					84
1 / 9																					66
1 / 7																					19
1 / 5																					8
1 / 3																					3
TOTAL	1.7	31.5	23.6	15.4	10.6	6.0	3.5	1.7	.7	.2	.1							7434		7433	
																		7433		7433	

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	36964514	508482	68.4	17.126	7433		126.4	31.3	8.6	.5		744
Wet Bulb	15989409	333157	44.8	11.935	7433		186.7	4.4				744
Dew Point	12969719	299923	40.4	10.806	7433		374.2	1.4				744
	9854829	253851	34.2	12.629	7433							744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72036 COLUMBUS AFB MS 69-70, 73-81 ALL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
1 / 109																		1	1		
1 / 103																		10	10		
2 / 101																		31	31		
10 / 99																		72	72		
10 / 97																		179	179		
6 / 95																		353	354		
4 / 93																		626	626		
7 / 91																		1091	1092		
7 / 89																		1481	1481		
8 / 87																		1590	1590		
6 / 85																		2003	2003		2
4 / 83																		2225	2225		37
7 / 81																		2477	2477	210	13
7 / 79																		3070	3070	1012	63
7 / 77																		3592	3593	2627	372
7 / 75																		4421	4421	4378	1450
7 / 73																		4719	4720	5359	3289
7 / 71																		4642	4642	5696	5373
7 / 69																		4154	4154	5746	6374
6 / 67																		3629	3629	4585	5365
6 / 65																		3545	3545	4052	4660
4 / 63																		3201	3201	3943	3926
7 / 61																		3150	3150	3749	3838
7 / 59																		3070	3071	3453	3552
7 / 57																		2756	2757	3260	3286
5 / 55																		2717	2717	3037	3053
4 / 53																		2635	2635	2981	2776
5 / 51																		2515	2515	2798	2759
5 / 49																		2618	2619	2915	2481
4 / 47																		2471	2471	2991	2365
4 / 45																		2393	2394	2976	2589
4 / 43																		2106	2108	2670	2411
2 / 41																		1947	1966	2594	2715
4 / 39																		1984	1984	2429	2480
Element (X)	Σ x ²		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																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 WPC/ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 7203 COLUMBUS AFB MS STATION NAME: COLUMBUS AFB MS YEARS: 69-70, 73-81 ALL MONTHS: ALL
 PAGE 7 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	
37 / 37	.1	.8	.6	.3	.2	.0												1818	1818	2376	2382	
37 / 35	.1	.8	.6	.3	.1													1635	1635	2101	2585	
37 / 33	.1	.7	.6	.2	.1													1406	1406	2026	2272	
37 / 31	.1	.8	.5	.2	.0													1473	1473	1535	2742	
37 / 29	.1	.6	.4	.1	.0													1096	1096	1608	2042	
37 / 27	.1	.5	.2	.1	.0													815	815	1307	1786	
37 / 25	.0	.4	.2	.0														635	636	1121	1747	
37 / 23	.0	.2	.1	.0														340	340	663	1070	
37 / 21	.0	.2	.1	.0														344	344	465	1215	
37 / 19	.0	.2	.1															257	257	372	1299	
37 / 17	.0	.1	.0															97	97	208	833	
37 / 15	.0	.1	.0															59	59	108	660	
37 / 13	.0	.0	.0															38	38	67	536	
37 / 11	.0	.0																13	13	36	434	
37 / 9	.0	.0																12	12	10	292	
37 / 7	.0	.0																7	7	13	171	
37 / 5	.0	.0																6	6	5	120	
37 / 3	.0	.0																7	7	11	95	
37 / 1	.0																	1	1	1	47	
37 / -1																					25	
37 / -3																					12	
37 / -5																					3	
37 / -7																					5	
TOTAL	2.9	25.8	23.8	14.0	9.5	7.1	5.7	4.6	3.3	1.9	.9	.3	.1	.0	.0			87563			87533	
																		87533				87533
Element (X)	ΣR²		ΣR		Σ	Σ²	No. Obs.					Mean No. of Hours with Temperature					Total					
Rel. Hum.	468458734		6213252		70.9	18.154	87533					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb	363528349		5434681		62.1	17.304	87563					519.5	4041.7	2797.6	380.8	127.3		8760				
Wet Bulb	298381367		4929505		56.3	15.405	87533					752.3	2969.0	363.7	60.0			8760				
Dew Point	258116048		4510176		51.5	17.144	87533					4.5	509.2	2232.2	519.0	2.5		8760				

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIRCRAFT SERVICE/4AC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1963 COLUMBUS AFB MS

69-70, 73-81

HRS. LST	STATION NAME												ANNUAL	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
-12	MEAN	37.6	41.2	50.7	57.5	64.2	73.9	74.3	73.0	67.8	55.2	47.2	41.1	56.8
	S D	11.91	11.70	10.45	8.60	6.78	5.26	3.57	3.65	6.78	9.01	10.94	11.29	15.45
	TOTAL OBS	930	846	930	900	918	900	930	930	900	930	900	930	10944
-5	MEAN	35.3	39.2	46.7	55.1	62.1	69.0	72.6	71.3	66.2	53.2	45.6	39.5	55.0
	S D	12.31	11.81	10.45	8.93	7.04	5.40	3.57	3.68	7.01	9.50	11.34	11.43	15.53
	TOTAL OBS	930	846	930	899	921	900	930	930	900	930	900	930	10946
-05	MEAN	35.3	38.8	49.1	57.4	65.6	72.9	76.0	73.9	67.9	54.6	46.0	39.1	56.5
	S D	12.32	11.76	10.27	8.63	7.11	5.57	4.55	4.55	7.41	9.38	11.29	11.32	16.74
	TOTAL OBS	930	846	930	900	925	900	930	930	900	929	899	930	10949
-11	MEAN	41.1	46.0	56.8	66.8	74.1	81.3	84.7	83.1	77.1	66.0	55.1	46.0	64.9
	S D	12.06	12.14	10.26	8.07	7.32	5.54	5.35	5.03	7.70	8.35	10.50	10.50	17.37
	TOTAL OBS	928	846	930	900	927	900	930	930	899	930	899	930	10949
1--14	MEAN	46.2	52.3	62.4	72.0	78.4	85.3	89.0	87.4	81.8	72.1	61.2	52.0	70.1
	S D	12.45	12.79	10.78	8.34	7.55	5.84	6.07	5.43	8.02	8.27	10.84	10.81	17.03
	TOTAL OBS	930	846	930	900	927	900	930	930	900	930	899	930	10952
1--17	MEAN	46.9	53.8	63.5	72.9	78.7	85.5	88.2	86.7	81.2	71.3	60.4	51.9	70.1
	S D	12.55	12.70	10.74	8.21	7.41	5.91	6.60	5.93	8.06	8.21	10.66	10.66	16.70
	TOTAL OBS	930	845	930	900	924	900	930	929	898	930	900	930	10946
1--21	MEAN	41.9	47.8	58.0	66.4	72.8	79.7	82.4	80.7	74.2	62.0	52.7	45.9	63.8
	S D	11.50	11.39	10.27	8.00	7.07	5.94	5.68	5.23	7.14	7.72	10.07	10.41	16.31
	TOTAL OBS	930	846	930	900	920	900	930	927	900	929	900	927	10939
1-23	MEAN	39.3	43.9	53.8	60.7	67.1	73.8	77.1	75.6	70.0	57.5	49.2	43.0	59.3
	S D	11.53	11.26	10.21	7.99	6.48	5.18	4.02	3.86	6.72	8.33	10.56	11.10	15.51
	TOTAL OBS	930	846	930	900	918	900	930	927	900	930	900	927	10938
ALL HOURS	MEAN	40.6	45.4	55.4	63.6	70.4	77.3	80.5	79.0	73.3	61.5	52.2	44.8	62.1
	S D	12.71	13.08	11.73	10.54	9.33	8.24	7.81	7.61	9.40	11.15	12.26	11.93	17.30
	TOTAL OBS	7438	6767	7440	7199	7380	7200	7440	7433	7197	7438	7197	7434	87563

2

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

NET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

72.3 A COLUMBUS AFB MS

69-70,73-81

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	35.1	38.2	47.1	53.9	61.4	67.9	71.3	69.9	65.6	52.6	44.5	35.2	53.9
	S D	11.648	11.243	10.031	8.330	6.537	4.836	3.174	3.396	6.376	8.980	10.559	10.886	15.269
	TOTAL OBS	930	846	930	900	918	900	930	930	900	930	897	930	10941
0-05	MEAN	34.2	36.8	45.7	52.3	60.0	66.6	70.2	68.8	64.4	51.1	43.3	37.0	52.6
	S D	12.109	11.432	10.218	8.863	6.885	5.154	3.340	3.584	6.754	9.516	10.987	11.058	15.448
	TOTAL OBS	930	846	930	899	921	900	930	930	900	930	897	929	10942
0-08	MEAN	33.7	36.5	46.1	53.8	62.3	68.9	72.0	70.3	65.4	52.0	43.6	36.7	53.5
	S D	12.192	11.445	10.078	8.643	6.726	4.987	3.493	3.730	6.815	9.321	10.952	10.978	16.126
	TOTAL OBS	929	846	930	900	924	900	930	928	900	929	896	930	10942
0-11	MEAN	37.5	41.0	50.4	58.5	66.2	72.4	75.5	74.4	69.8	58.2	49.2	41.2	57.9
	S D	11.793	11.178	9.574	7.786	6.312	4.599	3.242	3.270	5.968	7.905	9.834	10.081	15.553
	TOTAL OBS	927	846	930	900	927	900	930	929	899	930	897	930	10945
1-14	MEAN	40.4	44.3	52.8	60.4	67.4	73.1	76.2	75.1	71.0	60.5	52.1	44.5	59.9
	S D	11.378	10.773	9.071	7.324	5.965	4.546	3.167	3.112	5.568	7.463	9.548	9.799	14.579
	TOTAL OBS	930	846	930	900	927	900	930	930	899	930	898	930	10950
1-17	MEAN	40.7	45.1	53.1	60.5	67.3	73.0	75.7	74.4	70.6	60.1	51.6	44.4	59.8
	S D	11.248	10.524	8.783	7.036	5.704	4.365	3.109	3.076	5.377	7.312	9.482	9.735	14.271
	TOTAL OBS	930	845	930	900	924	900	930	929	898	930	897	930	10943
1-20	MEAN	37.9	42.2	50.9	58.4	65.7	71.6	74.4	73.1	68.8	56.8	48.0	41.3	57.5
	S D	11.017	10.467	9.127	7.268	5.893	4.434	3.114	3.238	5.671	7.778	9.829	10.076	14.928
	TOTAL OBS	930	846	930	900	920	900	930	927	900	929	897	927	10936
1-23	MEAN	36.2	40.0	48.9	56.0	63.3	69.6	72.7	71.3	66.9	54.2	45.7	39.6	55.4
	S D	11.217	10.796	9.648	7.782	6.205	4.601	3.101	3.280	6.070	8.294	10.265	10.719	15.119
	TOTAL OBS	930	846	930	900	918	900	930	927	899	930	897	927	10934
ALL HOURS	MEAN	37.0	40.5	49.4	56.7	64.2	70.4	73.5	72.2	67.8	55.7	47.3	40.4	56.3
	S D	11.841	11.397	9.951	8.437	6.827	5.235	3.849	4.024	6.556	9.051	10.709	10.806	15.405
	TOTAL OBS	7436	6767	7440	7199	7379	7200	7440	7430	7195	7438	7176	7433	87533

2

FEDERAL AVIATION ADMINISTRATION
 METEOROLOGICAL SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

10 3 4 COLUMBUS AFB MS 69-70,73-81

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02		MEAN 30.5	33.6	43.0	50.8	59.5	66.2	69.7	68.3	64.4	50.4	41.3	33.7	51.0
		S D 13.63	12.89	21.48	9.38	7.10	5.08	3.42	3.77	6.48	9.76	11.55	12.37	16.85
		TOTAL OBS 930	846	930	900	918	900	930	930	900	930	897	930	10941
0-05		MEAN 30.0	32.9	42.3	49.7	58.6	65.3	69.0	67.5	63.4	49.1	40.5	33.0	50.2
		S D 14.02	11.90	11.57	9.83	7.31	5.38	3.54	3.88	6.82	10.16	11.88	12.42	16.89
		TOTAL OBS 930	846	930	899	921	900	930	930	900	930	897	929	10942
0-08		MEAN 29.7	32.7	42.5	50.6	60.1	66.8	70.1	68.5	64.0	49.6	40.6	32.8	50.7
		S D 14.09	12.97	11.46	9.94	7.38	5.47	3.61	3.88	6.89	10.10	11.94	12.33	17.37
		TOTAL OBS 929	846	930	900	924	900	930	928	900	929	896	930	10942
0-11		MEAN 31.6	34.1	43.7	51.5	61.3	67.8	71.4	70.4	65.9	52.0	42.9	34.6	52.4
		S D 14.50	13.47	12.18	10.79	7.96	6.04	3.89	3.90	6.81	10.22	12.17	12.53	17.48
		TOTAL OBS 927	846	930	900	927	900	930	929	899	930	897	930	10945
1-14		MEAN 32.0	34.3	43.3	51.1	60.8	67.0	70.6	69.4	65.4	51.3	42.9	34.8	52.0
		S D 14.49	13.57	12.28	11.01	8.19	6.50	4.10	4.29	6.81	10.85	12.78	13.19	17.33
		TOTAL OBS 930	846	930	900	927	900	930	930	899	930	898	930	10950
1-17		MEAN 31.7	34.3	42.9	50.6	60.4	66.6	70.1	68.6	65.0	51.2	42.6	34.7	51.6
		S D 14.41	13.60	12.33	11.11	8.05	6.41	4.09	4.62	6.67	10.57	12.77	13.21	17.21
		TOTAL OBS 930	845	930	900	924	900	930	929	898	930	897	930	10943
0-20		MEAN 31.4	34.7	43.6	51.9	61.3	67.5	70.8	69.5	65.9	52.6	42.8	35.0	52.3
		S D 13.56	13.02	11.63	9.94	7.33	5.66	3.74	4.17	6.17	9.42	11.73	12.31	16.97
		TOTAL OBS 930	846	930	900	920	900	930	927	900	929	897	927	10936
1-23		MEAN 30.9	34.4	43.9	52.0	60.9	67.3	70.6	69.1	65.1	51.4	41.8	34.5	51.9
		S D 13.33	12.87	11.42	9.22	6.99	5.05	3.39	3.81	6.33	9.29	11.62	12.44	16.89
		TOTAL OBS 930	846	930	900	918	900	930	927	899	930	897	927	10934
ALL HOURS		MEAN 31.0	33.9	43.2	51.0	60.4	66.8	70.3	68.9	64.9	51.0	41.9	34.2	51.5
		S D 14.02	13.18	11.81	10.19	7.60	5.77	3.79	4.13	6.68	10.11	12.10	12.62	17.14
		TOTAL OBS 7436	6767	7440	7199	7379	7200	7440	7430	7195	7438	7176	7433	87533

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723306
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	98.9	94.9	82.7	65.1	40.0	12.6	75.2	846
	03-05	100.0	100.0	100.0	99.8	97.8	89.4	74.8	51.8	17.7	78.8	846
	06-08	100.0	100.0	100.0	100.0	97.9	91.0	75.4	52.5	19.5	79.4	846
	09-11	100.0	100.0	98.8	92.1	76.0	57.2	39.0	22.6	8.0	65.1	846
	12-14	100.0	99.9	87.8	68.1	48.7	36.1	24.2	12.8	3.4	53.8	846
	15-17	100.0	98.5	83.3	59.4	43.1	32.2	22.2	13.0	3.4	51.5	845
	18-20	100.0	100.0	98.0	87.7	69.1	53.7	33.6	20.1	7.6	62.7	846
	21-23	100.0	100.0	99.8	96.9	87.2	73.2	50.9	30.4	11.2	70.8	846
TOTALS		100.0	99.6	96.0	87.9	76.8	64.4	48.2	30.4	10.4	67.2	6767

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723366
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
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%		
MAF	00-02	100.0	100.0	100.0	99.2	94.6	84.2	64.3	43.2	16.2	76.0	930
	03-05	100.0	100.0	100.0	99.2	97.5	89.9	75.4	52.7	20.3	79.4	930
	06-08	100.0	100.0	100.0	100.0	97.1	88.2	73.2	49.2	19.4	78.8	930
	09-11	100.0	100.0	98.2	89.6	72.6	55.2	38.0	27.8	8.8	64.2	930
	12-14	100.0	99.9	87.0	66.5	48.5	33.7	22.4	12.9	4.4	53.2	930
	15-17	100.0	99.1	80.6	61.1	42.3	31.9	21.1	11.1	5.3	50.8	930
	18-20	100.0	100.0	97.6	86.5	66.3	48.9	33.2	17.8	7.2	61.5	930
	21-23	100.0	100.0	100.0	98.3	88.4	70.0	49.9	30.3	10.9	70.6	930
TOTALS		100.0	99.9	95.4	87.6	75.9	62.8	47.2	30.0	11.6	66.8	7440

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723326 COLUMBUS AFB MS 70,73-81 APR

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%		
APR	00-02	100.0	100.0	100.0	100.0	98.4	90.4	76.4	53.0	15.7	79.3	900
	03-05	100.0	100.0	100.0	100.0	99.8	94.3	85.1	62.4	25.4	82.6	899
	06-08	100.0	100.0	100.0	99.8	98.0	90.2	75.4	49.4	17.6	78.8	900
	09-11	100.0	100.0	97.7	86.0	65.8	46.1	28.7	15.7	5.3	60.3	900
	12-14	100.0	99.2	87.9	63.4	41.9	26.9	17.0	11.4	3.7	50.8	900
	15-17	100.0	98.6	81.4	58.2	38.0	24.6	16.3	9.9	3.3	48.8	900
	18-20	100.0	99.9	97.8	86.8	70.7	48.8	31.7	18.9	4.6	61.8	900
	21-23	100.0	100.0	100.0	99.3	95.6	83.4	59.3	33.0	8.9	73.8	900
TOTALS		100.0	99.7	95.6	86.7	76.0	63.1	48.7	31.7	10.6	67.0	7199

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723306
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	97.8	92.5	73.6	27.6	85.1	918
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	97.1	84.0	37.1	88.1	921
	06-08	100.0	100.0	100.0	100.0	99.6	96.4	86.8	64.1	20.5	82.7	924
	09-11	100.0	100.0	99.9	95.9	83.9	60.5	38.9	17.8	4.2	65.6	927
	12-14	100.0	100.0	97.8	83.7	61.2	35.3	20.7	10.7	2.7	56.7	927
	15-17	100.0	100.0	98.1	79.9	55.5	32.5	21.8	11.9	2.8	55.8	924
	18-20	100.0	100.0	100.0	96.5	87.6	67.9	46.3	24.6	6.3	68.6	920
	21-23	100.0	100.0	100.0	100.0	99.7	95.6	84.0	57.4	14.5	80.9	918
TOTALS		100.0	100.0	99.5	94.5	85.9	73.2	61.0	43.0	14.5	72.9	7379

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723306
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
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	96.3	78.0	21.9	85.3	900
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	97.9	87.8	31.2	87.9	900
	06-08	100.0	100.0	100.0	99.9	99.7	96.9	87.7	61.2	13.7	81.5	900
	09-11	100.0	100.0	100.0	97.7	86.2	62.1	32.0	11.6	1.6	64.7	900
	12-14	100.0	100.0	99.0	87.2	63.0	32.2	13.9	5.7	.7	55.7	900
	15-17	100.0	100.0	98.2	84.9	59.8	31.1	15.3	5.1	1.1	54.9	900
	18-20	100.0	100.0	99.8	97.7	87.3	68.1	41.3	19.6	3.2	67.4	900
	21-23	100.0	100.0	100.0	100.0	99.8	97.1	87.0	53.3	11.0	80.3	900
TOTALS		100.0	100.0	99.6	95.9	87.0	73.3	58.9	40.3	10.6	72.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723306
STATION

COLUMBUS AFB MS
STATION NAME

69-70,73-80
PERIOD

SEP
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.9	97.7	88.4	40.6	88.7	900
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.3	93.9	51.6	90.6	900
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	96.7	83.0	33.8	87.4	900
	09-11	100.0	100.0	100.0	98.3	91.0	74.0	47.8	24.2	3.9	69.6	899
	12-14	100.0	100.0	99.0	90.8	69.2	42.9	22.7	10.3	3.0	59.3	899
	15-17	100.0	100.0	99.0	89.1	66.8	41.9	25.3	14.8	3.7	59.9	898
	18-20	100.0	100.0	100.0	99.0	96.3	87.6	71.8	43.8	10.7	76.3	900
	21-23	100.0	100.0	100.0	100.0	99.7	98.0	91.9	76.6	22.4	84.9	899
TOTALS		100.0	100.0	99.8	97.2	90.4	80.4	69.2	54.4	21.2	77.1	7195

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

RELATIVE HUMIDITY

723306 COLUMBUS AFB MS 69-70,73-80 OCT
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%		
OCT	00-02	100.0	100.0	100.0	100.0	99.7	98.6	91.7	70.2	22.5	84.2	930
	03-05	100.0	100.0	100.0	100.0	99.9	99.5	96.2	78.2	29.2	86.0	930
	06-08	100.0	100.0	100.0	100.0	100.0	98.3	90.1	66.8	20.6	83.5	929
	09-11	100.0	100.0	99.2	91.9	74.8	51.9	30.5	16.3	3.9	62.5	930
	12-14	100.0	99.2	91.0	66.9	40.9	22.9	15.5	7.7	1.7	50.4	930
	15-17	100.0	99.7	91.3	69.5	43.9	27.8	17.4	8.8	2.3	51.6	930
	18-20	100.0	100.0	100.0	98.7	94.9	81.9	55.8	26.3	5.3	72.1	929
	21-23	100.0	100.0	100.0	100.0	99.6	95.8	82.9	52.6	13.0	80.3	930
TOTALS		100.0	99.9	97.7	90.9	81.7	72.1	60.0	40.9	12.3	71.3	7438

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7233.6 COLUMBUS AFB MS 69-70, 73-80 NOV
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%		
NOV	00-02	100.0	100.0	100.0	100.0	98.3	94.3	82.4	55.2	15.3	80.3	897
	03-05	100.0	100.0	100.0	100.0	98.7	96.3	89.6	67.1	19.4	82.6	897
	06-08	100.0	100.0	100.0	99.8	98.5	95.9	86.3	61.3	16.0	81.5	896
	09-11	100.0	100.0	99.1	92.1	78.6	59.9	39.1	20.1	5.4	65.2	897
	12-14	100.0	100.0	89.9	72.4	51.4	32.7	19.6	12.1	2.4	53.8	898
	15-17	100.0	99.9	90.5	73.8	52.3	35.7	22.0	13.0	3.5	54.8	897
	18-20	100.0	100.0	99.9	98.1	91.5	75.3	48.7	24.1	6.4	70.2	897
	21-23	100.0	100.0	100.0	99.8	96.8	89.2	70.3	41.0	11.1	76.4	897
TOTALS		100.0	100.0	97.4	92.0	83.3	72.4	57.3	36.7	9.9	70.6	7176

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72306
STATION

COLUMBUS AFB MS
STATION NAME

69-70,73-81
PERIOD

ALL
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	100.0	98.7	93.7	84.7	71.0	54.1	35.5	10.9	70.4	7436
FEB		100.0	99.8	96.0	87.9	76.8	64.4	48.2	30.4	10.4	67.2	6767
MAR		100.0	99.9	95.4	87.6	75.9	62.8	47.2	30.0	11.6	66.8	7440
APR		100.0	99.7	95.6	86.7	76.0	63.1	48.7	31.7	10.6	67.0	7199
MAY		100.0	100.0	99.5	94.5	85.9	73.2	61.0	43.0	14.5	72.9	7379
JUN		100.0	100.0	99.6	95.9	87.0	73.3	58.9	40.3	10.6	72.2	7200
JUL		100.0	100.0	99.9	97.5	87.2	74.5	60.9	42.5	10.3	72.9	7440
AUG		100.0	100.0	99.9	97.4	88.6	75.3	61.6	42.7	10.4	73.3	7430
SEP		100.0	100.0	99.8	97.2	90.4	80.4	69.2	54.4	21.2	77.1	7195
OCT		100.0	99.9	97.7	90.9	81.7	72.1	60.0	40.9	12.3	71.3	7438
NOV		100.0	100.0	97.4	92.0	83.3	72.4	57.3	36.7	9.9	70.6	7176
DEC		100.0	99.9	97.6	92.0	82.5	69.0	51.3	29.1	6.3	68.4	7433
TOTALS		100.0	99.9	98.1	92.8	83.3	71.0	56.5	38.1	11.6	70.8	87533

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

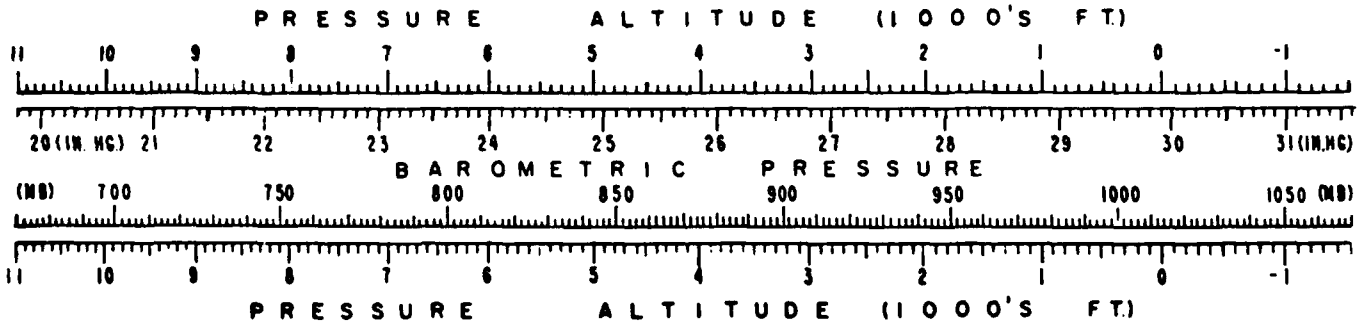
PART F PRESSURE SUMMARY

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

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

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

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



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FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

721306 COLUMBUS AFB MS

69-70,73-81

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0		29.901	29.877	29.759	29.774	29.716	29.750	29.764	29.778	29.771	29.831	29.868	29.876	29.805
	MEAN													
	S D	.205	.206	.183	.158	.119	.092	.077	.076	.096	.132	.157	.197	.160
	TOTAL OBS	310	282	310	300	305	300	310	310	300	310	300	310	3647
3		29.900	29.870	29.750	29.765	29.708	29.743	29.756	29.770	29.763	29.827	29.866	29.874	29.799
	MEAN													
	S D	.207	.205	.186	.159	.121	.092	.076	.077	.098	.135	.160	.199	.162
	TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649
6		29.908	29.890	29.777	29.798	29.741	29.778	29.789	29.802	29.791	29.854	29.883	29.884	29.824
	MEAN													
	S D	.211	.207	.187	.164	.127	.095	.081	.079	.103	.138	.162	.202	.162
	TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649
9		29.949	29.927	29.813	29.825	29.759	29.796	29.809	29.824	29.816	29.886	29.918	29.923	29.853
	MEAN													
	S D	.219	.210	.190	.169	.131	.096	.081	.079	.108	.140	.164	.202	.167
	TOTAL OBS	309	282	310	300	309	300	310	310	300	310	300	310	3650
12		29.917	29.905	29.790	29.801	29.739	29.780	29.789	29.799	29.789	29.849	29.880	29.885	29.827
	MEAN													
	S D	.219	.205	.187	.165	.128	.094	.079	.078	.109	.136	.163	.199	.164
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
15		29.873	29.846	29.733	29.750	29.695	29.734	29.739	29.748	29.738	29.800	29.836	29.845	29.778
	MEAN													
	S D	.215	.202	.181	.162	.123	.093	.078	.076	.100	.132	.160	.192	.160
	TOTAL OBS	310	281	310	300	309	300	310	310	300	310	300	310	3650
18		29.887	29.850	29.731	29.740	29.683	29.720	29.731	29.743	29.741	29.811	29.849	29.859	29.779
	MEAN													
	S D	.211	.201	.179	.159	.117	.091	.079	.074	.095	.127	.160	.188	.161
	TOTAL OBS	310	282	310	300	307	300	310	309	300	310	300	309	3647
1		29.907	29.872	29.755	29.771	29.715	29.749	29.764	29.780	29.774	29.838	29.870	29.876	29.806
	MEAN													
	S D	.209	.206	.181	.158	.117	.091	.079	.073	.097	.129	.161	.192	.160
	TOTAL OBS	310	282	310	300	306	300	310	309	300	310	300	309	3646
ALL HOURS		29.905	29.880	29.763	29.778	29.719	29.756	29.768	29.781	29.773	29.837	29.871	29.878	29.809
	MEAN													
	S D	.213	.206	.186	.164	.125	.096	.082	.081	.104	.136	.162	.197	.164
	TOTAL OBS	2479	2255	2480	2400	2459	2400	2480	2478	2400	2480	2400	2478	29189

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HRS FROM HOURLY OBSERVATIONS

3.6 COLUMBUS AFB MS

69-70,73-81

STATION	STATION NAME	YEARS												
HRS 1ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0		MEAN 1021.21	1020.31	1016.21	1016.61	1014.51	1015.61	1016.11	1016.61	1016.41	1018.51	1019.81	1020.2	1017.7
		S D 7.092	7.097	6.254	5.387	4.011	3.132	2.603	2.648	3.271	4.553	5.416	6.787	5.531
		TOTAL OBS 310	282	310	300	305	300	310	310	300	310	300	310	3647
		MEAN 1021.21	1020.11	1015.91	1016.31	1014.21	1015.41	1015.91	1016.31	1016.11	1018.41	1019.81	1020.1	1017.5
		S D 7.137	7.044	6.349	5.427	4.095	3.162	2.586	2.671	3.342	4.664	5.517	6.868	5.608
		TOTAL OBS 310	282	310	299	307	300	310	310	300	310	300	310	3648
		MEAN 1021.41	1020.71	1016.81	1017.41	1015.41	1016.61	1017.01	1017.41	1017.11	1019.31	1020.41	1020.5	1018.3
		S D 7.294	7.146	6.420	5.645	4.292	3.241	2.731	2.726	3.522	4.785	5.599	6.963	5.618
		TOTAL OBS 310	282	310	300	307	300	310	310	300	310	300	310	3649
		MEAN 1022.81	1022.01	1018.01	1018.41	1016.01	1017.21	1017.71	1018.21	1017.91	1020.41	1021.61	1021.9	1019.3
		S D 7.568	7.213	6.505	5.777	4.447	3.273	2.752	2.768	3.669	4.851	5.722	6.959	5.793
		TOTAL OBS 309	282	310	300	309	300	310	310	300	310	300	310	3650
		MEAN 1021.71	1021.21	1017.21	1017.51	1015.31	1016.71	1017.01	1017.31	1017.01	1019.11	1020.31	1020.5	1018.4
		S D 7.553	7.049	6.413	5.640	4.325	3.193	2.695	2.705	3.726	4.716	5.605	6.874	5.651
		TOTAL OBS 310	282	310	300	309	300	310	310	300	310	300	310	3651
		MEAN 1020.31	1019.21	1015.31	1015.81	1013.81	1015.11	1015.31	1015.51	1015.21	1017.51	1018.81	1019.1	1016.7
		S D 7.398	6.935	6.174	5.542	4.155	3.155	2.664	2.614	3.433	4.562	5.511	6.606	5.526
		TOTAL OBS 310	281	310	300	309	300	309	310	300	310	299	310	3648
		MEAN 1020.71	1019.41	1015.21	1015.51	1013.41	1014.61	1015.01	1015.41	1015.41	1017.81	1019.21	1019.7	1016.8
		S D 7.276	6.954	6.120	5.435	3.946	3.081	2.684	2.579	3.278	4.414	5.501	6.492	5.572
		TOTAL OBS 310	282	310	300	307	300	310	309	300	310	300	309	3647
		MEAN 1021.41	1020.11	1016.01	1016.51	1014.51	1015.61	1016.11	1016.71	1016.51	1018.81	1019.91	1020.2	1017.7
		S D 7.222	7.051	6.174	5.397	3.957	3.090	2.697	2.550	3.309	4.470	5.535	6.617	5.530
		TOTAL OBS 310	282	310	300	306	300	310	309	300	310	300	309	3646
		MEAN 1021.31	1020.41	1016.31	1016.71	1014.71	1015.91	1016.21	1016.71	1016.41	1018.71	1020.01	1020.3	1017.8
		S D 7.343	7.105	6.358	5.599	4.232	3.267	2.803	2.798	3.543	4.702	5.598	6.803	5.663
		TOTAL OBS 2479	2255	2480	2399	2459	2400	2479	2478	2400	2480	2399	2478	29186

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