USAFETAC/DS-79/018

AD A070150

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

COLUMBUS AFB MISSISSIPPI WBAN# 13825
N 33 39 W 088 27 FLD ELEV 219 FT KCBM WMO#

PARTS A-F

POR FROM HOURLY OBS: MAR 42-FEB 46, APR-MAY 46, NOV 58-DEC 74
POR FROM DAILY OBS: MAR 42-FEB 46, APR-JUN 46, NOV 58-DEC 74

NOV 05 1975

FEDERAL BUILDING
ASHEVILLE, N. C.

THIS DOCUMENT HAS BEEN APPROVED FOR PUBLIC RELEASE AND SALE; ITS DISTRIBUTION IS UNLIMITED.

859-4820/b

79 155

Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

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

Michael W Preston

MICHAEL W. PRESTON
SMSgt, USAF
USAFETAC Reviewer

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
Scientific & Technical
Information Officer

DDC PROCESSING DATA

PHOTOGRAPH THIS SHEET

II
LEVEL

1
INVENTORY

A070150
DDC ACCESSION NUMBER

USAFETAC/DS-79/018
DOCUMENT IDENTIFICATION

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

Accession For	
NTIS GRA&I	X
DDC TAB	
Unannounced	
Justification	
By	
Distribution/	
Availability Codes	
Dist.	Avail and/or special
A	

DISTRIBUTION STAMP

DDC
RECEIVED
JUN 21 1979
D

DATE ACCESSIONED

79 06 20 165

DATE RECEIVED IN DDC

PHOTOGRAPH THIS SHEET

DISCLAIMER NOTICE

THIS DOCUMENT IS BEST QUALITY PRACTICABLE. THE COPY FURNISHED TO DDC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE

READ INSTRUCTIONS BEFORE COMPLETING FORM

1 REPORT NUMBER: USAFETAC/DS-79/018	2. GOVT ACCESSION NO.
3. RECIPIENT'S CATALOG NUMBER	
4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Columbus AFB Columbus, Mississippi	5 TYPE OF REPORT & PERIOD COVERED: Final rept.
	6. PERFORMING ORG REPORT NUMBER
7. AUTHOR(s)	8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB IL 62225	10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/CBD, Air Weather Service (MAC), Scott AFB IL 62225	12 REPORT DATE: 05 Nov 75
	13. NUMBER OF PAGES: 468 p.
14 MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)	15 SECURITY CLASS. (of this report): UNCLASSIFIED
	15a DECLASSIFICATION/DOWNGRADING SCHEDULE

16 DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18 SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statistical summary of surface weather observations for Columbus AFB, Columbus, 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 1 JAN 73 1473

UNCLASSIFIED

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

* Mississippi * Columbus AFB MS

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

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

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

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

S74-29956

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
13825	COLUMBUS AFB MISSISSIPPI	N 33 39	W088 27	219	KCBM	

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. BARO.	
1.	Columbus Field, Columbus Miss.	AAF	Mar 42	Sep 44	N 33 38	W088 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	N 33 38	W088 27	204	224	24
4.	Same	same	Jul 71	Dec 74	N 33 39	same	219	229	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,	Mar42	Located on operations Bldg	Anemometer	N/A	60ft	
2.	Oct58	Located 2900ft N of Weather Station	AN/GMQ 11	RO-2	13ft	
3.	Apr60	Located SE of Rnwy 13-31 750ft from the centerline of Rnwy and 4550ft from SE end.	same	same	15ft	
4.	Apr64	Dual Instrumented 1) Located 600ft E of centerline on S end of Rnwy 31.	AN/GMQ 11	RO-2	13ft	

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	
		2) Located 500ft E of centerline on N end of Rnwy 13.	same		same	
5.	Apr69	Dual Instrumented 1) Located 500ft W of centerline 1000ft NW of end of Rnwy 31. 2) Located 500ft W of centerline 1375ft from end of Rnwy 13.	AN/GMQ 20 same	RO-362	same same	
6.	Dec74	1) Same 2) Same	same same	same	same same	

MAC-5 AFB, Ill 60-8975

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13825 | COLUMBUS AFB MISSISSIPPI | 42-46,58-74 | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.6	12.3	.5	1.5		14.1	16.6	12.5	.0	.1	26.8	14698
FEB		.9	11.8	.1	.8		12.7	12.2	10.8	.1	.1	21.2	13024
MAR		2.0	9.3	.0	.4	.0	9.6	8.1	11.3		.2	18.0	14727
APR		2.4	7.3			.0	7.3	7.0	10.3		.2	16.1	14275
MAY		2.3	5.5			.0	5.5	7.5	9.5		.0	14.9	15431
JUN		2.9	3.8				3.8	8.1	10.8		.0	15.4	13964
JUL		3.7	4.7			.0	4.7	8.6	10.9		.0	16.0	14264
AUG		3.0	3.7				3.7	12.1	14.7		.0	21.4	14832
SEP		1.4	5.4			.0	5.4	12.7	10.7			19.3	14328
OCT		.5	5.1				5.1	12.6	11.5		.0	20.2	14665
NOV		.6	7.0		.1	.0	7.0	11.7	11.6		.1	20.5	15038
DEC		.6	12.2	.1	.8	.0	13.0	15.8	11.2		.0	24.3	15528
TOTALS		1.7	7.3	.1	.3	.0	7.7	11.1	11.3	.0	.1	19.5	174774

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13825 (STATION) | COLUMBUS AFB MISSISSIPPI (STATION NAME) | 43-46,59-74 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.2	14.1	.8	1.7		16.6	18.6	13.8			29.8	1825
	03-05	.7	14.4	.4	1.5		16.1	21.8	14.2	.1		32.9	1840
	06-08	.8	13.7	.5	2.0		15.9	27.1	15.7		.2	37.7	1841
	09-11	.9	11.8	.6	1.6		13.7	18.4	13.5	.1	.2	29.8	1840
	12-14	.4	10.7	.5	1.6		12.6	11.2	10.2			19.8	1840
	15-17	.2	10.0	.2	1.0		11.1	10.3	9.3		.1	18.1	1843
	18-20	.4	11.6	.5	1.4		13.2	11.8	11.6			22.4	1837
	21-23	.9	12.4	.4	1.3		13.9	13.5	12.0			23.8	1832
TOTALS		.6	12.3	.5	1.5		14.1	16.6	12.5	.0	.1	26.8	14698

DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	1.0	12.3	.1	1.0		13.3	11.7	10.6			20.8	1629
	03-05	1.0	14.2	.2	1.0		15.4	17.0	11.6			25.7	1631
	06-08	.7	12.8	.2	.9		13.8	22.0	15.6	.1		31.9	1631
	09-11	.6	10.5		.7		11.2	12.5	12.8		.1	23.1	1627
	12-14	.2	10.4		.4		10.8	7.6	8.1	.2	.3	15.0	1628
	15-17	1.0	10.2	.1	.6		10.8	8.2	7.9	.1	.3	15.7	1627
	18-20	1.3	12.3	.1	.9		13.2	9.3	10.0	.2	.1	18.6	1624
	21-23	1.0	11.8	.1	1.2		12.8	9.6	10.1			18.8	1627
TOTALS		.9	11.8	.1	.8		12.7	12.2	10.8	.1	.1	21.2	13024

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13829 | COLUMBUS AFB MISSISSIPPI | 42-45,59-74 | MAR

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
MAR	00-02	2.7	10.1		.1		10.2	8.3	12.4			19.1	1845
	03-05	2.5	10.9		.2		11.1	13.2	14.8		.1	24.7	1844
	06-08	1.5	10.1		.4		10.5	17.2	17.3		.1	30.1	1836
	09-11	1.1	8.1		1.0		8.8	7.1	12.1		.5	18.7	1845
	12-14	1.6	7.4	.1	.7		8.0	4.2	7.2		.5	11.6	1841
	15-17	2.0	8.8		.4		9.2	3.6	6.5		.1	9.9	1837
	18-20	2.3	9.4		.1		9.5	4.9	8.9			13.3	1834
	21-23	1.9	9.4		.3	.1	9.7	6.6	11.0		.1	16.6	1845
TOTALS		2.0	9.3	.0	.4	.0	9.6	8.1	11.3		.2	18.0	14727

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	3.1	7.5				7.5	8.6	12.7		.1	19.8	1790
	03-05	3.2	8.2				8.2	16.6	17.3			29.4	1785
	06-08	1.6	8.6				8.6	16.3	18.9			30.9	1780
	09-11	1.8	7.1				7.1	4.0	8.9		.3	13.1	1785
	12-14	1.0	5.1			.1	5.1	1.5	4.2		.4	6.1	1784
	15-17	1.5	6.5				6.5	1.6	4.6		.4	6.5	1780
	18-20	3.2	7.7				7.7	3.2	6.4		.2	9.6	1785
	21-23	3.4	7.6				7.6	4.3	9.6			13.3	1786
TOTALS		2.4	7.3			.0	7.3	7.0	10.3		.2	16.1	14275

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13825 (STATION) | COLUMBUS AFB MISSISSIPPI (STATION NAME) | 42-46,59-74 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.7	4.7				4.7	10.3	11.5			20.1	1926
	03-05	1.6	5.8				5.8	23.4	18.2			33.9	1933
	06-08	1.8	6.6				6.6	16.4	20.1			31.1	1928
	09-11	1.8	5.7				5.7	2.8	7.7		.2	10.2	1929
	12-14	2.1	4.6				4.6	1.2	3.7			4.7	1933
	15-17	2.8	5.3			.1	5.3	.7	2.8			3.5	1932
	18-20	3.6	5.7				5.7	1.7	3.9			5.4	1930
	21-23	3.0	5.4				5.4	3.4	7.8			10.6	1920
TOTALS		2.3	5.5			.0	5.5	7.5	9.5		.0	14.9	15431

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.1	2.8				2.8	10.7	13.5			20.1	1745
	03-05	1.5	3.3				3.3	30.8	23.2		.1	40.1	1740
	06-08	.9	2.8				2.8	17.3	26.0			35.2	1742
	09-11	1.3	3.6				3.6	2.4	0.6			8.5	1749
	12-14	4.5	5.1				5.1	.5	2.8		.1	3.3	1746
	15-17	6.4	4.6				4.6	.3	2.4			2.8	1744
	18-20	5.5	4.9				4.9	.6	3.9		.1	4.3	1749
	21-23	2.0	3.4				3.4	2.3	7.7			9.0	1749
TOTALS		2.9	3.8				3.8	8.1	10.8		.0	15.4	13964

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13825 — STATION
COLUMBUS AFB MISSISSIPPI — STATION NAME
42-45,59-74 — YEARS
JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02	1.0	2.4				2.4	10.8	12.7		.1	19.6	1784
	03-05	1.4	3.1				3.1	30.1	20.8			38.6	1789
	06-08	1.5	3.5				3.5	19.6	24.2			35.0	1784
	09-11	1.6	3.8				3.8	1.6	8.2			9.4	1779
	12-14	5.7	6.6			.1	6.6	.8	3.5		.1	4.4	1777
	15-17	8.6	7.4			.1	7.4	.6	3.2			3.6	1789
	18-20	6.5	6.3			.1	6.3	1.0	5.4		.1	6.1	1775
	21-23	3.6	4.7				4.7	4.4	9.1			11.1	1787
TOTALS		3.7	4.7			.0	4.7	8.6	10.9		.0	16.0	14264

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (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	1.1	2.1				2.1	14.9	16.9			25.4	1851
	03-05	.8	2.3				2.3	37.8	26.9			48.1	1850
	06-08	.8	3.0				3.0	35.1	29.9			49.5	1858
	09-11	1.0	3.1				3.1	2.5	13.7			15.0	1856
	12-14	4.4	3.8				3.8	.3	5.3			5.4	1853
	15-17	8.3	6.7				6.7	.2	3.9		.1	4.2	1851
	18-20	5.4	5.5				5.5	1.6	8.5			9.4	1857
	21-23	2.2	3.0				3.0	4.6	12.7			14.5	1856
TOTALS		3.0	3.7				3.7	12.1	14.7		.0	21.4	14832

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.3	3.8				3.8	15.6	12.2			22.7	1794
	03-05	.7	4.7				4.7	31.3	18.3			38.8	1792
	06-08	.3	5.0				5.0	34.8	24.1			45.6	1795
	09-11	.3	4.0				4.0	4.1	9.6			12.8	1787
	12-14	1.8	5.7			.1	5.7	1.5	3.6			5.0	1793
	15-17	3.4	6.9				6.9	2.3	3.9			6.1	1787
	18-20	3.1	7.8				7.8	4.4	5.5			9.4	1788
	21-23	1.1	5.1				5.1	7.8	8.1			13.6	1792
TOTALS		1.4	5.4			.0	5.4	12.7	10.7			19.3	14328

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 47-65,69-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.4	5.4				5.4	14.9	13.3			23.5	1835
	03-05	.4	7.5				7.5	28.3	16.6			39.1	1832
	06-08	.3	5.9				5.9	34.9	22.8			45.6	1833
	09-11	.3	5.0				5.0	7.0	13.0			18.8	1832
	12-14	.1	4.2				4.2	2.6	4.2			6.4	1831
	15-17	.7	3.9				3.9	2.5	4.4		.1	6.7	1833
	18-20	1.0	4.1				4.1	3.7	7.4		.1	10.6	1834
	21-23	.5	4.6				4.6	7.1	10.2			15.1	1835
TOTALS		.5	5.1				5.1	12.6	11.5		.0	20.2	14665

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13825 | COLUMBUS AFB MISSISSIPPI | 42-45,58-74 | NOV
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.
NOV	00-02	.7	8.7		.1		8.7	14.6	11.6			23.0	1880
	03-05	.9	8.5		.2		8.6	20.1	14.5			29.4	1883
	06-08	.6	8.6		.3		8.7	27.5	19.5			37.8	1878
	09-11	.2	6.4		.2		6.6	9.6	12.5		.3	20.3	1881
	12-14	.2	4.8		.2		4.9	4.2	7.1		.1	10.7	1879
	15-17	.6	5.3			.1	5.3	3.7	7.4		.1	10.8	1882
	18-20	.6	6.2				6.2	5.4	9.3			13.9	1874
	21-23	.9	7.2		.1		7.3	8.1	10.6			17.4	1881
TOTALS		.6	7.0		.1	.0	7.0	11.7	11.6		.1	20.5	15038

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13895 | COLUMBUS AFB MISSISSIPPI | 42-45,58-74 | DEC

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.9	12.3	.2	.9		13.2	16.0	11.1			24.0	1942
	03-05	.8	13.3	.2	1.1		14.5	19.8	12.9			28.3	1934
	06-08	.5	12.9	.3	.7		13.7	25.5	15.3			34.5	1941
	9-11	.3	11.8	.2	.5		12.4	16.8	13.4		.1	27.9	1950
	12-14	.4	11.8		.7	.1	12.4	11.3	9.1			19.1	1944
	15-17	.5	12.4		1.0		13.2	10.9	7.8			17.8	1948
	18-20	.7	11.7		.7		12.3	12.0	9.3			19.7	1931
	21-23	.4	11.5	.2	.7		12.0	14.0	10.4			22.7	1938
TOTALS		.6	12.2	.1	.8	.0	13.0	15.8	11.2		.0	24.3	15528

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 e day with rain and/or drizzle.

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

S74-29960

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XX**WEATHER CONDITIONS**
ATMOSPHERIC PHENOMENA

13825	COLUMBUS AFB MISSISSIPPI	46,	58-74	ALL
STATION	STATION NAME		YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	7.0	47.4	3.8	10.4	.4	52.9	46.3	18.6	.4		49.5	527
FEB		8.6	41.8	.9	6.9	.6	43.7	40.1	16.8	.6		44.0	464
MAR		18.5	45.6	.2	3.0	2.2	48.8	34.5	13.3			36.9	496
APR		21.2	38.8		.2	1.2	37.6	38.0	21.2			43.9	510
MAY		21.9	35.4			1.0	35.6	43.2	29.5			48.3	526
JUN		31.2	41.5			1.0	41.1	46.4	36.8			50.5	487
JUL		41.5	45.0			.6	45.0	49.4	31.5			51.8	496
AUG		34.5	40.5			1.0	40.5	65.7	44.8			69.0	496
SEP		16.5	36.3			.2	36.2	61.0	42.3			65.0	480
OCT		5.6	25.8				25.8	53.4	33.3			56.0	496
NOV		7.1	38.8		1.2	.4	38.8	45.9	24.7	.2		48.8	510
DEC		7.0	42.9	1.3	4.4	.2	44.4	43.3	16.9			45.4	527
TOTALS		18.4	40.0	.5	2.2	.7	40.7	47.3	27.5	.1		50.8	6015

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

74-29961

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE / MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

13925	COLUMBUS AFB MISSISSIPPI	42-46, 58-74
STATION	STATION NAME	YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	67.3	15.8	2.7	7.1	4.2	6.0	5.3	9.0	4.7	.4				38.7	619	5.13	13.03	.92
FEB	71.4	11.7	2.6	5.1	2.6	6.6	7.1	0.5	3.3	.5				36.8	548	5.09	9.73	1.42
MAR	53.	12.2	1.0	4.4	3.1	4.1	6.7	6.1	5.1	.8	.2			44.5	606	5.92	12.34	.00
APR	62.3	8.7	2.0	4.4	1.8	3.4	5.6	9.4	3.8	.5				39.1	623	5.49	13.09	TRACE
MAY	64.8	12.3	.0	3.7	1.7	4.4	4.8	5.8	3.6	.5				35.1	642	4.76	9.67	.00
JUN	66.2	11.3	4.0	4.1	2.0	5.0	6.1	4.3	1.9	.2				33.4	591	2.73	9.23	.00
JUL	70.1	11.4	1.4	5.7	4.3	4.5	5.8	3.4	3.3	.7				32.2	611	4.83	11.20	.00
AUG	69.7	9.3	2.1	4.5	5.4	3.5	3.6	4.7	3.0	.2				29.4	608	3.92	9.27	.00
SEP	68.3	11.7	2.7	4.2	4.3	3.6	3.0	4.5	2.2	.3				29.0	590	2.96	9.24	.16
OCT	73.2	7.3	1.8	4.0	1.8	3.2	2.4	3.7	2.3	.2				19.5	624	2.71	9.30	TRACE
NOV	60.3	11.1	2.2	5.7	3.6	5.7	3.7	4.1	4.1	.5				28.5	630	3.95	10.70	.76
DEC	54.2	11.1	2.6	3.4	3.3	4.8	6.4	7.2	5.1	1.2				34.7	651	6.14	14.58	1.15
ANNUAL	58.8	11.2	2.4	4.7	3.3	4.8	5.1	5.4	4.0	.5	.0			30.0	7368	52.73		

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

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

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

13825 COLUMBUS AFB MISSISSIPPI 42-46, 58-74
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42			* .00	*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	1.37	1.83	1.04	1.49	1.47	.92	1.29	2.66
46	3.14*	3.64		.40	2.57*	.58							
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	.81	3.11	.79	1.84	1.68	1.16	2.30	.94	1.28	2.13	1.10	3.11
61	.64	4.32	2.13	.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	.90	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	.91	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	1.20	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
MEAN	1.586	1.752	1.888	1.648	1.564	1.231	1.641	1.374	1.343	1.343	1.462	1.770	3.305
S.D.	.858	.965	1.326	.916	.830	.724	1.137	.694	.711	.598	.890	.896	.947
TOTAL OBS.	619	548	606	623	642	591	611	608	599	620	630	651	7348

NOTE * (BASED ON < FULL MONTHS)

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

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

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46, 58-74 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	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	*36.10
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	3.70	3.73	6.04	52.98
46	10.74*	5.74		1.50	7.49*	.58							
58											3.39	2.25	
59	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
60	6.40	3.12	8.20	3.12	4.49	2.93	2.51	4.78	1.69	4.05	3.75	3.23	48.27
61	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
62	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
63	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
64	4.84	3.13	7.54	13.09	2.62	2.05	2.70	3.47	3.63	1.95	3.52	5.01	53.55
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	8.90	1.43	4.54	2.92	3.95	2.54	2.01	2.13	5.23	3.07	6.04	5.17	47.93
73	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
74	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
MEAN	5.131	5.093	5.818	5.494	4.364	2.730	4.829	3.523	2.961	2.709	3.950	6.140	54.291
S. D.	3.328	2.418	3.093	3.171	2.349	1.327	3.148	2.164	1.355	1.604	2.536	3.742	10.624
TOTAL OBS.	619	548	606	623	642	591	611	608	599	620	630	651	7348

NOTE * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

13825 — STATION
COLUMBUS AFB MISSISSIPPI — STATION NAME
60 58-74 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	.02-.05	.06-.10	11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.4	.3	1.1	.2			.2		.4					1.7	527	.8	7.4	.0
FEB	96.9	2.6	.5	.4	.2									1.3	483	.3	3.0	.0
MAR	95.3	2.6	.2	.2		.2								.6	496	.2	3.8	.0
APR	99.2	.2													510	TRACE	TRACE	.0
MAY	100.0														526	.0	.0	.0
JUN	100.0														487	.0	.0	.0
JUL	100.0														496	.0	.0	.0
AUG	100.0														496	.0	.0	.0
SEP	100.0														480	.0	.0	.0
OCT	100.0														496	.0	.0	.0
NOV	98.6	1.2		.2										.2	510	TRACE	.6	.0
DEC	93.5	3.6	.6	.2					.4					1.1	527	.9	5.0	.0
ANNUAL	97.8	1.8	.2	.1	.0	.0	.0		.0					.4	6014	2.2		

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

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

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13825 COLUMBUS AFB MISSISSIPPI 46, 58-74
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
46	.0*	.0		.0	.0*	.0							
58											.0	7.0	
59	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
60	TRACE	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.7
61	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	7.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.3
63	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	6.5
64	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
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	.6	TRACE	4.2
67	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	2.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
69	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
70	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
71	.3	.4	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.4
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	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
MEAN	.81	.19	.19	TRACE	.00	.00	.00	.00	.00	.00	.04	.80	1.51
S.D	1.957	.504	.749	.000	.000	.000	.000	.000	.000	.000	.145	2.241	2.420
TOTAL OBS.	527	463	496	510	526	487	496	496	480	496	510	527	6014

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 44 0-88-5 (OLA)

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

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 46, 58-74 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP	OCT.	NOV.	DEC	ALL MONTHS
46	.0*	.0		.0	.0*	.0							
58											.0	8.0	
59	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
60	TRACE	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1
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	TRACE	7.4
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	TRACE	1.0
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	.6	TRACE	4.8
67	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	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	TRACE	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	TRACE	TRACE	1.0
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	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
MEAN	.82	.27	.24	TRACE	.00	.00	.00	.00	.00	.00	.04	.90	1.90
S.D.	1.976	.756	.949	.000	.000	.000	.000	.000	.000	.000	.145	2.526	2.865
TOTAL OBS.	527	463	496	510	526	487	496	496	480	496	510	527	6014

NOTE * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13925 — STATION
COLUMBUS MB MISSISSIPPI — STATION NAME
47-76, 06-74 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	96.4	1.3	.2	.3	.2	.4	.2							1.6	617			
FEB	98.4	1.1		.2		.4	.2							.7	595			
MAR	99.2	.7													645			
APR	100.0														630			
MAY	100.0														651			
JUN	100.0														607			
JUL	100.0														624			
AUG	100.0														620			
SEP	100.0														600			
OCT	100.0														649			
NOV	100.0														630			
DEC	97.3	1.5	.5		.2	.3								.9	651			
ANNUAL	99.3	.4	.1	.1	.0	.1	.0							.3	7416			

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

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13025 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 42-46, 58-74 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
42			TRACE	0	0	0	0	0	0	0	0	0	
43	* 0	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE
44	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
45	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
46	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	0	0	0	0	0	0	0	0	0	0	0	0	0
6	2	0	0	0	0	0	0	0	0	0	0	0	2
(	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	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
MEAN	.9	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1
S.D.	2.150	1.789	.000	.000	.000	.000	.000	.000	.000	.000	.000	.873	2.885
TOTAL OBS.	619	549	620	630	650	607	620	620	600	620	630	651	7416

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM AUG 66 0-80-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

74-29982

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

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13825 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 44-46, 58-74 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
44													
45													
46	S *43	W *33											
58											SE *20	ESE *23	
59	W 42	WNW 20	N 33	WSW 30	S 38	W 46	NNW 28	W 28	W 31	21	NNW 30	N 26	W 46
60	N 28	SW 34	S 32	S 25	W 47	N 26	NNE 42	ESE 32	SE 31	N 25	NNW 23	NNW 33	W 47
61	NW 35	W 37	WNW 51	W 38	S 29	NNE 30	S 71	E *27	SSE 28	N *26	S *30	NNE *24	S 71
62	S *31	SSW 38	W 43	SSE 47	WNW 28	WNW 31	NNW 30	NNW 20	S 21	NNW 21	W 22	WNW 24	SSE 47
63	S *25	SSE 35	S 51	SSW 38	NNW 43	N 27	WNW 31	W *23	WNW 40	WNW 20	N *32	W 33	S 51
64	W 47	WSW 36	WSW 42	SE 33	SSW 22	E 27	N 36	ESE 30	NNE 27	NNE 35	NSW 40	SSE 42	W 47
65	NNW 34	W 38	W 43	WNW 30	S 35	NW 26	W 40	NNW 29	SSE 34	ESE 24	WNW 54	SSE 34	WNW 54
66	WNW 35	SSE 51	W 36	N 34	NW 29	NNW 38	N *28	W 24	NW 26	W 23	NW 35	W 33	SSE 51
67	NW 29	SSW 33	SSW 29	W 51	WNW 36	SW 27	E 32	SW 21	WNW 26	NW 43	SW 23	SSW 33	W 51
68	N 25	S 26	NW 26	S 30	SSE 29	NW 36	13/ 30	18/ 30	32/ 21	32/ 25	18/ 40	26/ 40	18/ 40
69	19/ 30	16/ 30	12/ 40	13/ 38	28/ 25	33/ 49	10/ 38	32/ 34	34/ 46	34/ 26	31/ 38	13/ 35	33/ 49
70	36/ 31	12/ 46	27/ 45	29/ 46	6/ 42	33/ 38	20/ 29	18/ 41	18/ 34	23/ 36	18/ 29	33/ 34	12/ 46
71	30/ 28	26/ 38	30/ 34	32/ 28	18/ 28	27/ 40	36/ 47	35* 41	17/ 30	35/ 20	35/ 23	17/ 24	36/ 47
72	33/ 32	29* 26	31* 40	23/ 30	5/ 28	1/ 29	32/ 46	16/ 40	34* 26	9/ 25	17/ 26	15/ 33	32/ 46
73	27/ 29	36/ 28	30/ 48	14/ 39	19/ 43	30/ 24	3/ 26	32* 26	17* 29	31/ 42	26/ 28	24/ 40	30/ 48
74	34/ 34	26/ 42	9/ 35	16/ 35	25/ 34	27/ 33	36/ 33	33/ 31	30/ 30	16/ 22	32/ 27	13/ 29	26/ 42
MEAN	32.8	35.2	29.3	35.8	33.5	32.9	36.7	29.9	30.0	27.1	30.6	31.8	48.9
S.D.	6.197	6.851	7.532	7.344	7.394	7.523	11.235	6.567	6.398	7.571	8.675	5.953	6.807
TOTAL OBS	498	441	486	475	491	479	483	469	458	483	460	504	5727

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

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-46,58-74	ALL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	3.3	2.3	.9	.1	.0	.0					9.7	6.2
NNE	1.2	1.2	.3	.1	.0	.0	.0					3.0	5.5
NE	1.2	1.0	.0	.1	.0	.0						2.3	5.0
ENE	.6	.7	.4	.1	.0							1.9	4.7
E	1.0	1.3	.7	.1	.0	.0	.0					3.1	4.6
ESE	1.2	1.6	.5	.2	.0	.0						4.3	5.0
SE	2.3	2.8	1.3	.4	.0	.0	.0					7.2	5.2
SSE	1.8	2.1	2.0	.8	.1	.0	.0					6.8	6.2
S	2.4	3.5	2.9	.9	.1	.0	.0	.0				9.8	6.3
SSW	1.2	1.4	1.2	.3	.0	.0						4.0	5.8
SW	.7	1.0	.7	.2	.0	.0	.0					2.8	5.6
WSW	.7	.8	.6	.1	.0	.0						2.2	5.7
W	1.1	1.3	1.0	.3	.0	.0						3.7	6.0
WNW	.8	1.0	.5	.4	.1	.0	.0					3.2	6.6
NW	1.1	1.2	1.2	.6	.1	.0						4.2	6.9
NNW	1.2	1.7	1.7	.8	.1	.0	.0					5.6	6.9
VARBL													
CALM												24.2	
	22.6	26.0	20.1	6.3	.7	.1	.0	.0	.0			100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 174720

DATA PROCESSING BRANCH
ETAC/Saf
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.6	2.6	1.8	.2							13.4	7.3
NNE	1.4	1.9	1.7	.8	.0	.0	.0					5.1	6.7
NE	1.0	1.0	.6	.2	.0							3.0	5.0
ENE	.5	.5	.4	.0								1.4	4.2
E	1.1	.9	.4	.1	.0							2.6	4.5
ESE	1.0	1.4	.9	.2	.0							3.8	5.1
SE	1.0	2.5	1.9	.4	.0	.0	.0					6.3	5.6
SSE	1.1	2.6	2.6	.9	.1	.0						7.7	6.8
S	1.3	3.3	3.4	1.5	.3	.0						10.0	7.1
SSW	.3	1.2	1.3	.4	.0							4.2	6.7
SW	.3	.8	.5	.2	.1	.0						2.0	6.6
WSW	.4	.6	.5	.2		.0						1.6	6.2
W	.8	1.2	.9	.5	.1							3.4	6.8
WNW	.9	1.2	1.2	.6	.1	.0						4.0	7.2
NW	1.0	1.5	1.3	1.2	.2	.0						5.9	7.9
NNW	.8	2.2	2.8	1.6	.3	.0	.0					8.1	8.2
VARBL													
CALM												17.8	
	17.7	36.0	26.7	10.4	1.3	.2	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 14694

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (YEARS) FEB (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	1.3	3.6	4.4	1.8	.2	.0						11.7	7.4
NNE	1.0	1.2	1.4	.4	.0							4.1	6.4
NE	.4	.9	.6	.1								2.5	5.3
ENE	.6	.7	.2	.1								2.0	5.0
E	1.2	1.2	.9	.1	.0							3.5	5.1
ESE	1.3	1.3	1.2	.3	.1							4.2	5.8
SE	1.9	2.3	1.4	.6	.3	.0						6.2	5.8
SSE	1.6	2.3	2.1	.6	.1	.0	.0					6.7	6.5
S	2.1	3.4	3.6	1.2	.2	.1	.0	.0				10.7	7.0
SSW	.9	1.0	1.7	.7	.1	.0						4.4	7.5
SW	.3	.8	1.0	.3		.0						2.6	6.3
WSW	.3	.7	.7	.3	.1	.0						2.2	7.0
W	.9	1.1	1.4	.6	.2	.0						4.4	7.5
WNW	.9	1.3	1.5	1.0	.2	.0						4.9	7.8
NW	.6	1.3	1.8	1.3	.3	.0						5.5	8.5
NNW	1.0	1.7	2.0	1.8	.3	.1						7.4	8.5
VARBL													
CALM												16.9	
	18.1	24.9	26.8	11.2	1.7	.3	.1	.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 13023

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

DATA PROCESSING BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,52-74	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.4	3.2	1.3	.4	.0			.1			8.6	7.4
NNE	.9	1.2	1.6	.3	.1							3.7	6.4
NE	.3	.3	.6	.1	.0							2.6	5.3
ENE	.3	.7	.2	.2								2.1	5.6
E	1.4	1.2	.1	.2	.0		.0					3.3	5.4
ESE	1.4	1.9	1.0	.3	.1	.0						4.9	5.4
SE	1.6	2.4	1.5	.6	.1	.0						6.5	6.2
SSE	1.0	2.9	3.2	1.3	.2	.3						9.1	7.2
S	1.4	3.5	4.5	2.3	.2	.0						13.0	7.7
SSW	.7	1.5	1.7	.8	.1	.0						4.9	7.2
SW	.6	.8	.9	.3	.0	.0						2.7	6.7
WSW	.4	.6	.9	.3	.1	.0						2.5	7.3
W	.6	1.3	1.4	1.0	.1	.0						4.6	8.0
WNW	.3	1.0	1.3	1.3	.2	.0						4.7	8.6
NW	.5	1.2	1.5	1.0	.2	.0						5.3	8.6
NNW	.6	1.5	2.3	1.3	.2	.0						6.1	8.4
VARBL													
CALM												14.7	
	10.9	25.5	27.9	13.0	1.8	.2	.0		.1			100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 14690

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 — STATION
COLUMBUS AFB MISSISSIPPI — STATION NAME
42-46,59-74 — 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	1.0	2.6	2.3	1.0	.1	.0						7.8	6.7
NNE	.9	.7	.4	.3	.0							2.5	6.0
NE	1.1	1.2	.6	.1	.0							3.1	5.4
ENE	.6	.6	.3	.1								1.5	4.8
E	1.4	1.1	.6	.1								3.2	4.7
ESE	1.1	1.6	1.1	.3	.0	.0						4.0	5.7
SE	2.1	3.5	2.1	.7	.1	.0						8.9	5.8
SSE	1.3	2.9	3.2	1.3	.1	.0						9.8	7.2
S	2.3	4.8	6.6	2.2	.2	.0						15.6	7.4
SSW	1.1	1.7	2.2	.5	.0	.0						5.6	6.6
SW	.6	.9	1.1	.4	.1							3.1	7.1
WSW	.3	.5	.7	.4	.0							2.1	7.2
W	.9	1.1	1.1	.6	.1	.0						3.7	7.2
WNW	.3	.6	.5	.6	.1	.3	.0					3.1	7.5
NW	.6	1.2	1.4	.9	.1	.0						4.4	7.7
NNW	.6	1.3	2.0	1.1	.1	.1						5.3	8.0
VARBL													
CALM												16.2	
	18.1	26.4	27.8	10.8	1.1	.2	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 14269

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,52-74 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.8	2.4	.6	.0							7.9	5.8
NNE	1.0	1.2	.6	.1								3.2	5.3
NE	.9	.7	.7	.1		.0						2.5	5.3
ENE	.6	.6	.3	.1								1.7	4.6
E	1.5	1.5	.6	.0								3.6	4.4
ESE	1.4	1.7	1.0	.1								4.5	4.7
SE	2.0	3.2	1.7	.4	.0							8.1	5.0
SSE	1.8	2.6	2.5	.4	.0							7.4	6.0
S	2.6	4.0	3.7	.8	.1							11.2	5.2
SSW	1.4	1.7	1.0	.3	.0	.0						5.0	5.8
SW	1.1	1.2	1.0	.2								3.4	5.6
WSW	.9	1.2	.6	.1	.0							2.9	5.5
W	1.1	1.5	1.0	.2	.0							3.9	5.6
WNW	.9	1.0	.6	.3	.0	.0						3.0	6.0
NW	1.0	1.0	1.0	.4	.0							3.4	6.2
NNW	1.1	1.6	1.4	.4	.0	.0						4.6	6.1
VARBL													
CALM												23.8	
	22.7	27.5	21.2	4.5	.2	.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 15427

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

DATA PROCESSING BRANCH
FIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	JUL
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	2.5	1.5	.3	.0	.0						7.2	5.2
NNE	1.3	1.3	.6	.1	.0							3.3	4.7
NE	1.3	1.4	.7	.2		.0						3.4	5.0
ENE	1.1	.9	.4	.0	.0							2.4	4.4
E	2.1	1.7	.9	.1								4.7	4.4
ESE	1.7	1.5	.7	.2								4.1	4.6
SE	3.1	3.2	1.9	.2	.0							8.3	4.6
SSE	2.1	2.5	1.3	.2		.0						6.2	4.9
S	3.1	4.2	2.1	.3	.0							9.7	5.0
SSW	1.3	2.1	1.3	.1								4.8	4.8
SW	1.3	1.5	1.0	.2								4.0	5.2
WSW	.9	1.2	.7	.0	.0							2.9	5.0
W	1.1	1.7	1.2	.1								4.5	5.2
WNW	.8	.9	.6	.1	.0							2.4	5.1
NW	.9	.9	.5	.1		.0						2.5	5.0
NNW	1.2	1.4	.8	.2		.0						3.5	5.2
VARBL													
CALM												26.7	
	26.8	28.9	15.7	2.2	.1	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 13962

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13925	COLUMBUS AFB MISSISSIPPI	42-45,59-74	JUL
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.6	1.4	.2	.0							6.8	4.8
NNE	1.4	1.2	.8	.2								3.2	4.4
NE	1.4	1.0	.5	.1	.0							3.0	4.5
ENE	.9	.6	.3	.0	.0							1.9	4.5
E	1.4	1.1	.6	.1	.0							3.2	4.5
ESE	.8	1.3	.5	.1								3.6	4.2
SE	2.4	2.0	.7	.1								5.4	4.0
SSE	2.3	1.8	.5	.0	.0	.0						4.6	4.0
S	4.5	3.8	1.0	.0								8.8	4.1
SSW	2.2	2.1	.7	.0								5.0	4.2
SW	2.0	2.0	1.0	.1	.0	.0						5.7	4.5
WSW	1.4	1.4	.6	.1	.0							3.6	4.7
W	2.1	2.1	1.1	.1	.0	.0						5.3	4.8
WNW	1.0	1.1	.5	.0		.0						2.6	4.8
NW	1.1	1.1	.6	.1	.0	.0						3.0	4.9
NNW	1.2	1.5	.5	.1	.0	.0						3.7	5.3
VARBL													
CALM												30.4	
	29.9	26.3	11.4	1.1	.1	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 14267

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

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	2.9	1.3	.2	.0		.0					8.1	4.5
NNE	1.5	.9	.0	.0	.0							3.1	4.4
NE	1.1	.8	.4	.0	.0							2.7	4.1
ENE	1.3	.7	.3	.0								2.2	4.1
E	2.0	1.5	.6	.1	.0	.0						4.3	4.5
ESE	2.1	1.8	.6	.1	.0							4.6	4.3
SE	2.7	2.6	.7	.1	.0							6.3	4.3
SSE	2.1	2.1	.7	.0	.0							5.0	4.3
S	3.2	3.7	1.2	.1	.0	.0	.0					8.3	4.5
SSW	1.8	1.8	.6	.1								4.2	4.4
SW	1.5	1.4	.5	.1								3.4	4.3
WSW	1.1	1.1	.4	.0								2.7	4.8
W	1.6	1.4	.6	.1								3.6	4.5
WNW	.8	.7	.2	.0								1.9	4.1
NW	1.1	.8	.3	.0								2.6	4.2
NNW	1.8	1.7	.8	.1			.0					4.4	4.7
VARBL													
CALM												32.7	
	29.6	25.9	10.4	1.2	.2	.1	.0					100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 14832

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (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	3.2	4.4	2.4	.7	.3							11.1	5.4
NNE	1.7	1.6	1.0	.2	.0							4.5	5.1
NE	1.2	1.4	.6	.1	.0	.0						4.3	4.9
ENE	1.4	1.2	.6	.2	.0							3.3	4.9
E	2.1	2.3	1.3	.2								6.4	4.8
ESE	2.2	2.1	1.5	.3	.0	.0						6.5	5.2
SE	2.5	3.5	1.5	.3	.0							8.0	5.1
SSE	1.8	2.0	1.3	.4	.0	.0						5.5	5.4
S	2.1	2.6	1.3	.2	.0	.0						6.1	5.1
SSW	.8	1.0	.5	.0								2.4	4.6
SW	.5	.6	.2	.0		.0						1.4	4.6
WSW	.3	.4	.2	.0								1.1	4.7
W	.7	.7	.3	.0	.0							1.9	4.6
WNW	.5	.6	.3	.0	.0	.0						1.4	5.1
NW	1.1	.8	.5	.1	.0							2.5	4.7
NNW	1.7	1.0	.5	.2	.0							4.4	5.1
VARBL													
CALM												29.0	
	25.7	27.6	14.5	3.0	.3	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 14329

USAFETAC FORM JUL 65 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 45-59-74 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	4.3	3.1	1.0	.0	.0						12.1	5.6
NNE	1.3	1.2	.3	.2	.0							3.1	5.2
NE	1.3	1.0	.0	.2	.0							3.7	4.6
ENE	1.0	.7	.3	.0								2.0	4.2
E	1.9	1.7	.6	.1								4.2	4.2
ESE	1.5	1.8	1.0	.1								4.6	4.9
SE	3.1	2.6	1.9	.3	.0							7.8	5.0
SSE	1.8	1.3	1.3	.3								5.9	5.6
S	1.9	2.3	1.4	.3								5.7	5.2
SSW	.7	.8	.3	.0								2.0	4.8
SW	.7	.6	.3	.1								1.6	5.1
WSW	.4	.6	.3	.0		.0						1.5	4.7
W	.6	.8	.6	.3	.0							2.3	5.1
WNW	1.3	.8	.3	.2	.0							2.5	5.4
NW	1.4	1.3	1.1	.4	.0	.0						4.3	6.0
NNW	2.0	1.9	1.3	.5	.0	.0						6.3	5.8
VARBL													
CALM												30.7	
	23.1	24.4	15.0	3.9	.2	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 14666

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

DATA PROCESSING BRANCH
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,58-74	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	3.8	2.3	.5	.1	.0						10.7	6.0
NNE	1.2	1.0	.4	.1	.0	.0						2.6	4.3
NE	1.0	.7	.3	.1	.0							2.1	4.4
ENE	.6	.4	.1	.0								1.2	3.9
E	1.3	.9	.4	.1								2.7	4.2
ESE	1.3	1.2	.6	.1		.0						3.5	4.7
SE	2.3	2.1	1.3	.3	.0							7.2	4.8
SSE	1.8	2.2	2.0	.4	.0							6.5	6.4
S	1.6	3.1	3.3	1.0	.1							9.5	6.7
SSW	.6	.3	.3	.2	.0							2.7	6.5
SW	.6	.3	.6	.1	.0							2.2	5.7
WSW	.6	.5	.5	.1		.0						1.7	5.8
W	1.1	1.3	1.0	.2								3.6	5.5
WNW	.9	1.4	1.2	.4	.0	.0						3.8	6.3
NW	1.4	1.3	1.8	.7	.1	.0						5.4	7.0
NNW	1.3	1.7	2.3	.8	.1	.0						6.0	7.0
VARBL													
CALM												28.4	
	21.3	24.2	19.4	6.0	.6	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 15037

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,58-74	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.5	3.7	1.1	.1	.0	.0					10.9	6.7
NNE	.9	1.3	1.3	.3	.0							3.7	6.1
NE	.3	.5	.1	.1	.0							2.6	5.3
ENE	.3	.7	.3	.0	.0							1.7	4.8
E	.6	1.0	.1	.1	.0							2.8	5.1
ESE	1.2	1.3	.4	.2	.0	.0						3.7	5.3
SE	2.1	2.3	2.1	.8	.1		.0					7.6	6.2
SSE	1.8	2.4	2.3	1.0	.3	.0						7.5	6.3
S	2.4	2.8	2.8	1.2	.1	.0						9.0	6.7
SSW	.8	1.0	1.1	.2	.0	.0						3.2	6.1
SW	.5	.7	.6	.1	.0		.0					2.0	6.0
WSW	.3	.6	.6	.1	.0							1.8	5.8
W	.3	1.1	1.4	.4	.1	.0						3.7	6.6
WNW	.8	1.0	1.4	.6	.1							4.0	7.2
NW	1.1	1.5	1.9	.9	.1	.0						5.6	7.4
NNW	1.1	1.9	2.4	1.5	.1	.0						7.0	7.7
VARBL													
CALM												22.8	
	18.8	24.2	24.3	8.7	1.0	.2	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 15324

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13865	COLUMBUS AFB MISSISSIPPI	43-46,55-74	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.9	4.7	1.0	.2							12.5	7.0
NNE	1.2	1.7	2.0	.7								5.5	6.4
NE	1.1	.8	.9	.1								2.7	4.6
ENE	.0	.7	.1									1.3	3.9
E	1.2	1.0	.2									2.3	3.9
ESE	1.3	1.1	.5	.1								3.1	4.6
SE	1.9	2.1	1.2	.0								5.6	5.6
SSE	1.1	2.5	2.2	.5	.1	.1						6.4	6.8
S	1.6	3.4	3.3	1.4	.2							9.9	7.1
SSW	1.1	1.3	1.4	.1								3.9	5.5
SW	.5	.4	.1									1.0	3.9
WSW	.2	.3	.3									1.0	5.2
W	1.3	1.0	.7	.2								2.9	5.6
WNW	1.0	.9	1.3	.4	.1							3.8	6.7
NW	1.0	1.1	2.0	.9	.1							5.0	7.4
NNW	1.3	2.9	3.0	1.2	.6							8.3	7.9
VARBL													
CALM												24.8	
	17.1	24.7	23.5	7.8	1.2	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1824

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

DATA PROCESSING BRANCH
USAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	43-46,59-74	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	4.0	5.8	1.4	.1							14.6	6.4
NNE	1.4	1.8	2.0	.2								5.3	6.4
NE	1.1	1.4	.5	.3								3.5	5.4
ENE	.4	.3	.2									.5	4.4
E	1.4	.7	.4	.1	.1							2.4	4.8
ESE	1.3	1.2	.2									3.0	4.1
SE	2.4	2.6	1.2	.4	.1	.1	.1					6.8	5.6
SSE	1.2	2.4	1.2	.6	.1							5.9	6.5
S	2.4	3.5	3.4	1.2								10.1	6.6
SSW	.9	.4	1.1	.2								2.7	6.0
SW	.6	.4	.1									1.0	3.3
WSW	.3	.1	.2	.1								.6	5.4
W	1.0	.3	.7	.3								2.9	5.9
WNW	.6	.3	1.0	.5								3.6	6.9
NW	.8	1.4	1.8	1.1	.2							5.2	8.2
NNW	.3	2.0	2.3	1.2	.3	.1						6.7	8.4
VARBL													
CALM												15.4	
	19.3	23.7	22.3	8.1	.8	.2	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1842

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13325	COLUMBUS AFB MISSISSIPPI	43-46,59-74	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	4.7	5.6	1.6	.6							14.9	7.7
NNE	1.3	1.1	2.2	.7	.1							5.8	6.5
NE	.7	.8	.7	.2								2.6	5.3
ENE	.3	.4	.3									1.0	4.7
E	.5	.9	.5	.2								2.5	4.9
ESE	1.9	2.0	.7	.2								4.8	4.7
SE	2.4	2.0	1.1	.2		.1						6.5	5.1
SSE	1.3	2.0	2.1	.3								6.4	6.5
S	1.3	3.0	3.2	1.1	.1							9.3	6.6
SSW	.8	.5	1.3	.1								2.8	6.2
SW	.1	.5	.2									.8	5.1
WSW	.3	.3	.5	.1		.1						1.3	7.4
W	.4	1.1	.7	.3								2.5	6.3
WNW	.8	1.2	1.1	.1								3.2	5.7
NW	1.0	1.1	1.7	.9	.1							4.9	7.2
NNW	1.2	1.8	2.0	1.5	.4							7.5	8.1
VARBL													
CALM												23.6	
	17.4	24.2	24.3	7.9	1.1	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1841

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

DATA PROCESSING BRANCH
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
13865	COLUMBUS AFB MISSISSIPPI	43-46,59-74	JAN

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	7.0	2.1	.1							13.0	3.1
NNE	.6	1.6	2.6	.6			.1					6.2	7.6
NE	1.1	1.5	1.6	.5								4.9	5.1
ENE	.5	.6	.2	.1								1.9	5.8
E	1.4	1.2	.5	.2								3.3	4.6
ESE	1.6	1.4	1.6	.3								4.6	5.7
SE	1.9	2.4	1.6	.7	.1							6.9	6.1
SSE	2.6	2.9	3.6	1.4	.1	.1						9.7	7.2
S	2.1	3.1	3.9	1.7	.1							11.1	7.1
SSW	1.5	1.8	2.2	.3	.1							5.9	6.5
SW	.6	.8	.3	.4	.1							2.7	7.2
WSW	.3	.2	.4	.3								1.5	6.6
W	.4	1.0	1.0	.9	.1							3.4	8.1
WNW	.1	1.4	.8	.7	.1							3.3	8.3
NW	.5	1.3	2.3	1.3	.3							6.0	8.4
NNW	.5	1.5	2.7	2.0	.4	.1						7.5	9.1
VARBL													
CALM												8.8	
	16.8	26.0	33.2	13.7	1.4	.1	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1838

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

DATA PROCESSING BRANCH
USAF/ASHF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13625	COLUMBUS AFB MISSISSIPPI	43-46,52-74	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	5.7	2.6	.2							11.9	8.3
NNE	.7	2.0	1.3	.4	.1	.1	.1					4.8	7.3
NE	.7	1.2	.7	.3	.1							3.1	5.9
ENE	.4	.3	.5	.1								1.6	5.6
E	1.1	.3	.3	.1								2.4	4.8
ESE	.3	.3	1.1	.6								2.7	6.1
SE	.5	1.2	2.1	.3	.1							4.2	6.4
SSE	1.4	2.2	2.4	1.2	.1							8.3	7.3
S	1.1	3.6	4.5	2.2	.4							12.4	7.3
SSW	.7	1.4	2.4	1.6	.1							6.2	7.3
SW	.7	1.1	1.4	.7	.3	.1						4.1	9.1
WSW	.4	.8	1.1	.5								3.7	7.0
W	.5	1.5	1.5	1.3	.2							5.0	6.4
WNW	1.1	1.6	2.4	1.2	.2	.1						6.6	7.3
NW	.7	1.4	2.7	1.8	.4	.1						6.6	9.2
NNW	1.1	2.3	3.6	2.2	.4	.1						9.8	8.5
VARBL													
CALM												7.3	
	13.4	26.1	34.2	15.4	2.8	.5	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1840

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

DATA PROCESSING BRANCH
USAF/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	43-46,53-74	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.1	5.9	2.6	.3							13.1	7.9
NNE	1.4	.1	1.6	.4		.1						4.3	6.4
NE	.8	1.0	.3	.7								2.8	5.8
ENE	.3	.4	.4									1.1	5.3
E	1.3	1.0	.5	.1								2.8	4.6
ESE	.6	1.2	1.2	.1								3.3	5.7
SE	.8	1.0	1.6	.3								4.4	6.6
SSE	1.6	2.3	3.9	1.0	.1							8.8	6.9
S	1.4	3.7	3.9	1.6		.3						11.1	7.0
SSW	1.3	1.3	2.0	.6	.1							5.2	7.2
SW	.4	1.1	1.6	.3	.1	.1						3.3	7.2
WSW	.3	1.1	.9	.3								2.8	6.3
W	1.7	1.9	1.1	.1	.2							4.9	7.0
WNW	1.1	1.7	1.7	1.3	.1	.1						5.7	7.3
NW	1.3	2.3	3.3	1.4	.4	.1						8.9	8.3
NNW	1.3	2.4	4.5	1.8	.4							10.1	8.3
VARBL													
CALM												7.2	
	16.9	27.7	33.9	12.8	1.9	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1842

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

DATA PROCESSING BRANCH
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13963 — STATION
COLUMBUS AFB MISSISSIPPI — STATION NAME
43-46,59-74 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
1800-2000 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	4.5	4.6	1.6	.3							13.0	7.2
NNE	.7	1.8	1.1	.5								4.3	6.3
NE	.4	.7	.8	.4	.1							2.3	6.3
ENE	.4	.8	.3									1.6	4.9
E	1.1	.6	.3	.1								2.1	4.2
ESE	2.1	1.7	1.0	.2	.1							5.0	4.8
SE	1.3	4.4	1.3	.4								7.8	5.5
SSE	1.4	3.4	2.2	.8	.1							8.0	6.3
S	1.3	3.1	2.2	.6	.1							7.7	6.3
SSW	.8	1.3	.9	.3	.1							3.4	6.3
SW	.4	1.0	.3									1.9	4.5
WSW	.2	.6	.4									1.4	5.1
W	.6	.6	.6	.2								2.6	5.4
WNW	1.0	.8	.7	.5	.2	.1						3.4	6.7
NW	1.4	2.1	1.0	1.0								5.8	6.6
NNW	1.5	2.7	2.4	2.0	.1							8.7	7.6
VARBL													
CALM												21.2	
	18.6	30.2	20.8	8.5	.8	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1897

DATA PROCESSING BRANCH
FIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) | COLUMBUS AFB MISSISSIPPI (STATION NAME) | 43-46,59-74 (YEARS) | JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	4.1	5.8	1.5	.3							13.9	7.3
NNE	1.4	1.3	1.2	.5	.1							4.3	6.5
NE	.4	.8	.4	.1								1.9	4.8
ENE	.8	.4	.4									1.6	4.3
E	.1	1.1	.4	.1								2.7	4.3
ESE	1.1	1.0	.7	.2	.1							4.4	5.0
SE	3.2	3.2	1.5	.4								8.2	4.7
SSE	1.7	2.8	2.3	.8	.1							7.9	6.3
S	3.6	2.8	2.6	1.0	.4							8.8	7.5
SSW	.9	1.1	1.4	.3								3.3	6.8
SW	.3	1.0	.2									1.5	4.8
WSW	.4	.4	.2	.1								1.1	4.7
W	.6	1.0	.8	.3								2.7	6.2
WNW	.4	1.0	.4	.4	.1							2.7	6.7
NW	1.1	1.4	.9	1.1	.1							4.6	7.4
NNW	1.3	2.0	2.0	1.2	.1		.1					6.7	7.0
VARBL													
CALM												23.9	
	19.4	25.7	21.3	8.5	1.3		.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1632

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

DATA PROCESSING BRANCH
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
13325	COLUMBUS, AFB MISSISSIPPI	43-46,59-74	FEB

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	5.2	.9	.2							11.5	5.5
NNE	1.4	1.4	1.5	.4								4.6	5.9
NE	.3	.9	.4	.1								2.1	4.7
ENE	1.0	.4	.2	.1								1.7	4.4
E	1.0	.8	1.0									2.8	5.0
ESE	2.0	1.0	.3	.2	.1							4.2	4.9
SE	3.9	1.8	1.2	.4								6.4	4.9
SSE	1.3	2.4	2.1	.4			.1					6.5	6.2
S	2.0	3.5	4.1	1.1	.2	.1		.1				11.2	7.1
SSW	.3	1.1	1.7	.4	.1							3.5	7.5
SW	.2	.5	.6									1.6	5.2
WSW	.4	.4	.4	.1	.1							1.4	5.9
W	.8	.7	1.0	.3	.1							3.0	6.9
WNW	1.0	.9	.9	.2	.1							3.3	5.1
NW	1.0	1.2	1.4	.7	.3	.1						4.7	7.3
NNW	.9	1.7	2.0	1.2	.2							5.8	7.9
VARBL													
CALM												25.7	
	20.8	22.5	23.6	6.4	1.2	.1	.1	.1				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1629

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	43-46,59-74	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.5	3.4	1.0	.1	.1						10.4	6.6
NNE	1.7	1.8	.9	.4	.1							4.4	5.8
NE	.3	1.0	.7	.1								3.1	5.1
ENE	.3	.2	.2									1.4	3.7
E	1.4	.7	.9	.1								2.9	5.0
ESE	.9	1.2	.9	.1								4.1	4.7
SE	2.1	2.5	1.0	.4		.1						6.1	5.2
SSE	2.4	1.5	1.8	.1	.1	.1	.1					6.1	5.8
S	3.1	4.0	4.3	.4	.2	.1						11.8	6.2
SSW	.8	.8	.9	.2								2.6	5.9
SW	.3	.3	1.0	.1								1.4	7.4
WSW	.2	.7	.2	.2								1.7	5.8
W	.9	.3	.1	.2	.1							2.4	6.5
WNW	.3	1.1	1.2	.8	.1							4.4	7.5
NW	1.3	1.3	1.0	1.2	.3							4.8	8.1
NNW	1.2	1.4	1.0	1.5	.1	.1						5.8	8.0
VARBL													
CALM												26.5	
	23.9	23.0	20.3	6.8	1.1	.3	.1					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1241

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13865	COLUMBUS AFB MISSISSIPPI	43-46,59-74	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

0600-0800 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.6	4.3	1.5	.1							9.7	7.4
NNE	1.3	1.7	1.4	.4	.3							4.5	5.2
NE	1.2	.5	.6	.1								2.3	5.0
ENE	.6	.4	.5									1.5	5.3
E	1.1	1.1	.6	.1								2.9	4.9
ESE	2.6	1.6	1.6	.4								5.8	5.4
SE	3.6	2.9	1.4	.7	.1							8.6	5.1
SSE	2.0	2.1	1.3	.5	.1							5.1	5.4
S	1.9	3.1	3.6	.8	.1		.1					10.1	6.7
SSW	.5	.4	1.2	.4								2.5	6.9
SW	.7	.6	.9	.1								2.3	5.6
WSW	.3	.7	.6	.2								1.7	6.5
W	.6	.6	.7	.5	.2	.1						2.6	8.5
WNW	.5	1.6	1.1	.6	.3							4.2	7.8
NW	.8	.9	1.2	.9	.4							4.1	8.4
NNW	1.9	1.9	1.3	2.0	.1							7.1	7.6
VARBL													
CALM												23.9	
	13.9	23.3	22.6	8.5	1.3	.1	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1631

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
13865	C LUBBUS AFB MISSISSIPPI	43-46,59-74	Feb

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.1	3.2	2.0	.2							12.5	8.1
NNE	.7	1.1	1.8	.6	.1							4.4	7.6
NE	.3	.5	.9	.2								2.9	6.9
ENE	.4	1.4	1.2	.1								3.3	5.8
E	1.4	2.0	1.1	.1								4.6	5.3
ESE	.6	1.8	1.5	.8								4.7	7.1
SE	1.4	3.2	2.2	1.2	.1							8.1	7.0
SSE	1.3	2.3	2.1	1.2								7.1	6.8
S	1.7	3.6	4.0	1.8	.2		.1					11.3	7.5
SSW	1.4	1.1	2.0	.7	.2							5.9	7.7
SW	1.1	.9	1.6	.5								3.9	6.8
WSW	.4	.5	1.0	.2	.1							2.6	7.1
W	.2	1.1	1.3	1.2	.1	.1						4.8	8.8
WNW	.7	1.1	1.3	1.4	.3							4.8	8.9
NW	.7	.9	2.4	1.2	.4	.1						5.2	9.7
NNW	.7	1.0	2.5	2.0	.4							6.6	9.3
VARBL													
CALM												7.3	
	14.6	26.5	33.0	16.3	2.2	.1	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 1627

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13829 — STATION
COLUMBUS AFB MISSISSIPPI — STATION NAME
43-46,59-74 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.6	5.2	2.0	.2							11.3	8.2
NNE	.8	1.0	1.1	.3	.1							3.1	6.9
NE	.3	.8	.0	.2								2.1	6.1
ENE	..	.7	.6	.1								1.6	6.0
E	1.0	1.8	1.4	.2								4.4	5.8
ESE	.3	1.2	.5	.4								3.8	7.0
SE	.7	1.4	1.4	.8	.1							4.2	7.5
SSE	.4	1.8	3.3	.9	.1	.1						7.3	7.9
S	1.9	2.9	4.2	2.1	.2	.2						11.1	8.1
SSW	1.1	1.3	2.3	1.6	.2	.1						7.3	8.2
SW	.9	1.5	1.8	1.2		.1						5.0	8.4
WSW	.3	.6	1.4	.9	.2	.1						3.4	9.2
W	.1	2.1	2.9	1.8	.2							7.3	8.5
WNW	.3	1.5	3.3	1.4	.2	.1						7.3	8.3
NW	.3	1.6	2.5	2.0	.3	.1						7.2	9.7
NNW	.4	1.5	3.9	2.2	.4	.1						8.7	9.6
VARBL													
CALM												5.4	
	12.3	24.2	36.9	18.1	2.5	.9						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1627

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	43-46,59-74	FEB
STATION	STATION NAME	YEARS	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	1.4	3.7	4.3	2.6	.2	.1						12.7	7.9
NNE	.4	.9	1.4	.2								3.0	6.3
NE	.5	.9	1.0	.1								2.8	5.5
ENE	.4	.4	.9	.1								1.7	5.5
E	.3	1.8	.8									3.4	4.9
ESE	.3	1.1	1.2	.1	.2							3.1	7.2
SE	.4	1.3	1.3	.6	.1							4.1	7.3
SSE	.3	2.3	2.8	.6	.1							6.5	7.1
S	1.6	2.7	3.7	1.8	.2	.2	.1					10.5	7.8
SSW	.3	1.5	2.8	1.4	.3							6.6	1.4
SW	.4	1.2	1.4	.6								3.5	7.3
WSW	.2	.8	1.4	.7	.1							3.6	7.8
W	1.3	1.5	2.5	1.5	.4							7.4	7.9
WNW	.7	1.3	2.2	1.8	.2	.1						6.5	9.1
NW	.3	1.5	3.0	2.5	.4	.1						8.1	9.4
NNW	.6	2.7	3.4	2.6	.2	.2						9.8	9.1
VARBL													
CALM												6.6	
	12.7	26.2	34.2	17.2	2.3	.7	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1627

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

3825	COLUMBUS AFB MISSISSIPPI	43-46,59-74	FEB
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	2.7	4.6	4.3	1.4	.4							13.2	6.9
NNE	1.4	.9	1.3	.3								3.8	5.3
NE	.9	1.0	.4	.2								2.5	5.2
ENE	.9	1.0	.1									2.0	3.8
E	2.3	.9	1.0	.1								4.0	4.6
ESE	1.6	1.8	.5	.1	.1							3.9	5.3
SE	1.7	3.0	1.4	.4								6.3	5.3
SSE	2.0	3.1	1.9	.5		.1	.1					7.3	6.1
S	2.4	3.4	2.1	.5	.1			.1				8.6	6.0
SSW	1.2	.7	1.2	.2								3.3	5.9
SW	.7	.8	.2	.2								1.9	5.5
WSW	.7	.7	.3	.1								2.0	4.8
W	1.3	1.2	1.4	.4	.1							4.8	5.8
WNW	1.1	2.0	1.2	.8	.2							5.3	7.1
NW	1.9	1.3	1.7	1.3	.1							5.9	7.3
NNW	1.2	2.3	3.0	1.3	.3							8.4	7.9
VARBL													
CALM												14.8	
	23.5	28.7	21.8	7.6	1.4	.1	.1	.1				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1624

4

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13823 — STATION
COLUMBUS AFB MISSISSIPPI — STATION NAME
43-46,59-74 — YEARS
FEB — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	4.6	4.1	2.0	.2	.1						12.6	7.3
NNE	1.2	1.0	1.8	.4	.1							4.8	6.3
NE	.9	.8	.6	.1								2.5	5.2
ENE	.9	1.2	.3	.1								2.6	4.6
E	1.4	.7	.4	.3	.1							2.9	5.4
ESE	1.4	1.1	.8	.2								3.5	5.1
SE	2.1	2.6	1.2	.6								6.5	5.3
SSE	1.8	2.2	2.2	.8	.1	.1	.1					6.9	6.7
S	2.9	3.8	3.6	1.3	.2			.1				11.4	6.8
SSW	.7	.9	1.3	.5	.1							3.4	6.9
SW	.4	.4	.2	.1								1.2	5.2
WSW	.4	.6	.2	.1								1.3	5.3
W	.7	1.2	.8	.4	.1							3.1	6.3
WNW	1.2	1.0	.7	.6	.1	.1						3.6	6.4
NW	1.1	1.3	1.0	.4								3.9	6.0
NNW	1.2	1.4	2.0	1.1	.4	.1						6.8	8.5
VARBL													
CALM												3.1	
	19.9	25.0	22.1	8.4	1.2	.3	.1	.1				11.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1627

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

DATA PROCESSING BRANCH
ETAC USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13425	COLUMBUS AFB MISSISSIPPI	42-49,52-74	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.4	2.5	1.1	.1	.1			.1			8.3	7.0
NNE	1.3	1.5	1.2	.2	.1							4.2	5.5
NE	1.1	.8	.8	.1	.1							3.0	5.5
ENE	.4	.8	.4	.1								1.7	5.5
E	1.4	.5	.5	.1								2.3	4.8
ESE	1.4	1.4	.6	.2	.1							4.1	4.7
SE	1.1	1.3	1.3	.7								5.6	5.8
SSE	1.7	2.6	2.4	1.3	.3							8.3	7.2
S	.7	4.6	6.1	1.4	.2							14.4	7.1
SSW	1.1	2.1	1.4	.2	.1							4.7	5.7
SW	.7	.5	.6	.4								2.0	5.7
WSW	.4	.4	.4	.2	.2							1.7	6.1
W	.4	1.4	.7	.3	.3							2.8	6.8
WNW	1.0	.8	.9	.5								3.2	6.3
NW	1.1	.9	1.4	.6	.1							4.0	6.7
NNW	1.6	1.4	1.4	1.0		.1						4.8	7.1
VARBL													
CALM												24.9	
	18.9	24.1	22.7	8.6	1.6	.2			.1			100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1339

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13925 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.4	2.6	.8	.2	.1						6.3	6.5
NNE	1.3	2.0	1.4	.2	.2							5.3	5.7
NE	1.1	1.0	.2									2.2	4.9
ENE	.3	.7	.2	.1								1.6	4.7
E	1.3	.5	.5	.1								2.3	4.4
ESE	1.8	1.1	1.2	.2	.1							4.7	5.0
SE	2.9	2.0	1.3	.6	.1							6.9	5.2
SSE	2.4	3.4	2.3	.5	.1							8.7	5.9
S	2.1	4.4	4.8	1.1	.1							11.7	6.4
SSW	.6	1.3	.9	.2								3.0	6.2
SW	.4	.7	.5	.2								1.8	5.9
WSW	.6	.5	.7	.1								1.8	5.7
W	.3	1.1	1.3	.3								3.3	5.8
WNW	.3	.9	1.0	.5								2.9	6.9
NW	1.1	1.6	1.5	.5	.1							5.4	7.0
NNW	1.5	.9	1.4	.3								3.8	6.8
VARBL													
CALM												25.6	
	21.1	24.5	21.3	6.1	.8	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1868

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13865	COLUMBUS AFB MISSISSIPPI	42-45,59-74	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.2	2.0	.7	.2							7.3	6.6
NNE	1.2	1.2	1.7	.4	.1							4.7	6.7
NE	1.0	1.7	.9	.1								3.8	5.2
ENE	1.1	1.0	.5	.2								2.9	5.2
E	1.3	1.4	.8	.2								4.0	5.0
ESE	2.3	2.3	1.1	.2								5.8	4.9
SE	2.1	4.0	3.0	.7	.1							9.9	6.2
SSE	2.1	3.2	2.3	.7	.1							8.6	6.1
S	2.5	3.5	3.4	1.1	.2							10.7	6.6
SSW	.7	1.5	.5	.4								3.3	5.7
SW	.3	.7	.4	.1	.1							1.7	5.9
WSW	.4	.3	1.0									1.9	6.1
W	.1	.6	1.4	.7	.1							3.3	7.9
WNW	.4	.4	1.3	.8	.1							3.8	7.6
NW	.5	.5	1.4	1.1	.2							4.5	7.9
NNW	.3	1.6	1.2	1.2	.1							5.3	8.3
VARBL													
CALM												18.5	
	20.0	27.5	24.2	8.8	1.0							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1833

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.9	3.3	1.0	.3							8.0	7.8
NNE	.4	.9	1.2	.4	.2							2.9	7.9
NE	.4	1.1	1.0	.1								2.6	6.0
ENE	.5	1.6	1.2	.3								3.6	6.3
E	1.0	2.0	1.4	.4								4.7	6.0
ESE	1.1	1.6	1.3	.5	.2							4.7	6.7
SE	.9	2.4	2.0	.7	.1							5.8	7.2
SSE	1.1	2.3	4.3	1.7	.3	.1						10.2	8.2
S	1.5	3.6	5.2	3.1	.4	.1						14.0	8.2
SSW	1.1	1.3	2.5	1.3	.1	.1						6.3	8.3
SW	.3	1.2	2.5	.7	.1	.1						4.7	7.5
WSW	.5	.7	1.9	.4	.1	.1						3.7	8.0
W	.4	1.3	2.1	1.6	.2							5.6	9.1
WNW	.3	.9	1.8	1.6	.1	.1						4.9	9.1
NW	.2	.5	1.7	2.2	.4	.1						5.3	10.3
NNW	.8	.9	3.1	1.1	.5							6.4	9.0
VARBL													
CALM												5.2	
	12.2	25.7	35.9	17.6	2.8	.9						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1839

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	47-45.59-74	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.1	3.6	2.1	.2							8.8	8.4
NNE	.9	.9	1.1	.4								3.4	6.5
NE	.4	.8	.7	.1								2.3	5.3
ENE	.5	.9	1.0	.6								2.4	6.2
E	.5	1.4	1.1	.1	.1							3.4	6.2
ESE	.4	1.9	1.3	.3	.2							4.6	6.4
SE	.4	1.7	1.5	.7	.1							4.0	7.7
SSE	.4	1.5	3.1	2.0	.3	.1						9.2	8.1
S	1.4	2.8	6.5	4.4	.7	.2						15.9	9.4
SSW	.8	1.7	1.7	1.7	.3							7.2	8.7
SW	.4	1.2	1.8	.9	.2							4.5	8.7
WSW	.6	.9	1.3	.5	.1	.1						4.0	8.2
W	.7	1.4	2.5	2.5	.3							7.0	9.9
WNW	.6	.9	2.1	2.3	.4							6.4	10.0
NW	.5	1.3	2.7	3.2	.3							8.1	9.8
NNW	.5	1.4	2.6	2.5	.4	.2						7.5	10.0
VARBL													
CALM												3.1	
	10.0	21.9	36.5	23.7	3.7	.5						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 1934

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13865 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.9	4.3	1.7	.2							9.3	8.2
NNE	.8	.5	.1	.3	.2							2.4	8.1
NE	.7	.7	.2		.1							1.6	4.9
ENE	.4	.7	.7									1.7	5.7
E	1.1	1.1	.1	.4	.2							3.3	6.4
ESE	.6	1.5	.8	.2	.1	.1						3.5	6.5
SE	.7	1.4	1.7	.6	.1	.1						4.5	7.6
SSE	1.1	2.5	4.7	1.8	.2							9.7	8.1
S	1.1	4.3	6.3	3.4	.2	.1						15.1	8.3
SSW	.9	2.0	3.2	1.3	.1							7.1	8.1
SW	.3	.8	1.4	.4								3.1	7.2
WSW	.6	.7	1.1	.7	.1							3.2	7.7
W	1.0	1.7	1.3	2.0	.2							6.9	8.4
WNW	.3	1.0	1.7	3.0	.5	.1						7.7	10.4
NW	.5	1.1	3.4	3.3	.5	.1						8.8	10.2
NNW	.7	1.8	3.4	2.5	.2	.1						8.7	9.0
VARBL													
CALM												3.4	
	11.1	23.6	36.8	21.7	2.6	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1814

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS [illegible] OLETE

DATA PROCESSING BRANCH
USAF/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45.59-74	JAN
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	1.9	3.2	3.4	1.3	.2	.1						9.9	7.0
NNE	.7	1.1	1.2	.1	.1							3.1	6.2
NE	1.1	.5	.3	.1	.1							2.0	5.7
ENE	.4	.3	.4									1.5	4.4
E	1.1	1.3	.4	.1								3.1	4.7
ESE	2.1	3.3	.6	.2	.1	.1						6.2	4.7
SE	1.9	3.2	2.0	.5	.1							8.2	6.1
SSE	1.6	4.1	3.4	.8	.2							10.3	6.4
S	1.6	3.1	3.0	1.3	.1							10.0	6.3
SSW	1.4	1.5	.3	.4								4.1	5.8
SW	.7	.8	.6									2.0	3.7
WSW	.4	.8	.4	.2	.1							2.1	5.9
W	1.1	1.9	1.4	.7	.1							5.0	6.5
WNW	.8	1.3	1.3	.8	.1							4.7	7.4
NW	1.3	1.6	2.0	.5	.2							5.9	7.4
NNW	1.1	2.3	2.6	1.2	.2							7.7	7.6
VARBL													
CALM												14.0	
	20.4	31.1	29.2	8.9	1.3	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1632

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	MAR
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	1.3	2.2	3.0	1.1	.1	.2						8.1	7.3
NNE	.7	1.7	1.4	.3								4.4	5.7
NE	.4	.6	.2	.2								2.1	4.8
ENE	.2	.6	.4	.1								1.6	5.4
E	.2	1.2	1.0	.1			.1					3.5	5.3
ESE	.3	2.3	.5	.4								5.9	5.1
SE	.8	3.4	1.2	.2	.2							7.9	5.2
SSE	.4	2.7	3.4	1.1	.1							8.7	6.9
S	1.3	3.2	4.6	2.5	.1							11.8	7.8
SSW	.9	.3	1.2	.6								3.0	6.6
SW	1.1	.7	.4	.1								2.2	5.0
WSW	.4	.3	.6	.4								1.7	7.3
W	.5	1.0	.5	.4	.1	.1						2.6	7.1
WNW	.7	1.4	.9	.8	.1							3.7	7.2
NW	1.4	1.1	.5	.7	.1							4.8	6.8
NNW	.7	1.3	1.6	.9	.2							5.0	7.5
VARBL													
CALM												23.0	
	19.4	25.3	21.3	9.8	.9	.4	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1841

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFI MISSISSIPPI	47-46,59-70,7.-74	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.6	1.1	.7	.1							6.4	5.8
NNE	1.3	.6	.3	.1								2.1	4.2
NE	1.1	.9	.6									2.8	4.9
ENE	.8	.3	.4									1.3	3.6
E	1.3	.9	.6									2.8	3.5
ESE	1.3	1.6	.2	.2								3.0	4.4
SE	3.3	4.1	1.5	.1								9.9	5.1
SSE	2.4	2.9	2.7	.8	.1							9.1	6.0
S	2.3	4.9	6.3	1.6	.1							15.1	6.9
SSW	1.1	1.8	1.4	.1								4.4	5.8
SW	1.0	.9	.8	.2	.1							3.0	5.8
WSW	.5	.2	.2									.9	4.1
W	.2	.7	.4	.2								1.7	6.5
WNW	.4	.7	.4	.3								2.5	6.2
NW	.3	.6	.8	.4								2.6	6.6
NNW	1.1	1.1	1.6	.7								4.5	6.7
VARBL													
CALM												27.9	
	21.4	25.3	18.7	6.2	.3							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1730

USAFETAC FORM JUL 7 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13865	COLUMBUS AFB MISSISSIPPI	42-46,59-70,72-74	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.7	2.1	.7	.1							7.7	5.9
NNE	.7	.5	.6	.1								2.0	5.1
NE	1.2	1.5	.6									3.6	4.6
ENE	.5	.6	.1									1.2	3.9
E	1.0	.8	.3	.1								3.0	3.8
ESE	2.1	1.6	.6	.1								4.8	4.3
SE	3.8	4.0	1.7	.3	.1							9.9	4.8
SSE	2.1	2.9	3.3	.5								8.8	6.0
S	2.3	5.3	3.1	.7	.1							12.0	5.8
SSW	1.3	1.4	.9	.1	.1							3.8	5.3
SW	.6	.8	.4	.1								1.8	5.5
WSW	.4	.2	.3	.1								1.0	5.9
W	.3	.6	.4	.4								1.7	5.8
WNW	.6	.5	.3	.2	.1	.1	.1					2.0	6.9
NW	1.0	1.3	.7	.2								3.2	5.3
NNW	1.6	1.3	1.1	.5								4.0	6.5
VARBL													
CALM												29.5	
	22.7	26.8	16.8	4.7	.3	.1	.1					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1785

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13829	COLUMBUS AFB MISSISSIPPI	42-46,59-70,72-74	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDIT ^

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.9	2.7	1.3	.1							8.4	6.2
NNE	.8	1.1	1.1	.3								3.3	6.0
NE	1.4	1.6	.8	.2								3.8	5.1
ENE	.6	.6	.3	.6								2.1	5.5
E	1.1	1.0	.7	.3								3.3	5.2
ESE	1.4	2.2	1.2	.3								5.5	5.8
SE	3.9	4.5	2.6	.8	.1	.1						11.7	5.4
SSE	1.9	3.7	3.3	.6								10.1	5.9
S	2.5	6.1	4.8	1.0	.1							14.6	6.2
SSW	1.2	1.9	1.3	.1								4.6	5.5
SW	.4	.7	1.0	.2								2.5	5.9
WSW	.4	.5	.7	.1								1.7	6.2
W	.4	1.0	.5	.2								2.8	5.9
WNW	1.0	.4	.7	.1		.1						2.3	5.8
NW	.6	1.2	1.3	.4	.2							3.8	7.3
NNW	.4	.8	1.1	.8								3.4	7.6
VARBL													
CALM												16.4	
	21.4	29.6	25.4	6.8	.4	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1780

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

DATA PROCESSING BRANCH
USAF/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13823 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-70,72-74 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.5	3.0	1.5	.1							8.4	7.3
NNE	.9	.8	1.0	.7								3.4	7.2
NE	.3	1.2	.0	.4								2.9	6.3
ENE	.1	.6	.8	.2								2.4	5.6
E	1.1	1.7	1.3	.3								4.2	5.8
ESE	.7	1.1	1.1	.4								3.9	7.1
SE	1.3	1.9	2.8	1.0	.1							7.1	7.3
SSE	.6	2.1	4.5	2.2	.4							10.2	8.8
S	1.6	4.1	7.6	3.3	.3							17.1	8.3
SSW	1.1	1.9	4.1	.8	.1							8.1	7.5
SW	.3	1.4	2.4	.9	.1							4.9	7.5
WSW	.4	.8	1.5	.4	.3							3.4	7.8
W	.3	1.1	1.3	.9	.2	.1						4.9	8.4
WNW	.3	.9	1.2	1.1	.1							3.5	8.8
NW	.4	.9	1.5	1.0	.2	.1						3.9	9.6
NNW	.3	1.2	2.7	1.2	.1							5.6	8.6
VARBL													
CALM												6.3	
	12.3	24.3	39.2	15.9	1.7	.2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1782

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-70,72-74 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.9	2.6	1.5	.1	.1						7.1	7.7
NNE	.4	.6	.6	.7								2.8	7.0
NE	.6	1.1	.6	.3								2.6	6.1
ENE	.4	.3	.3									1.3	5.4
E	1.1	.7	.8	.1								2.7	5.1
ESE	.6	.5	1.5	.3	.1							3.4	7.1
SE	.7	1.7	2.7	.9	.2							6.1	8.3
SSE	.6	2.1	4.1	2.6	.3	.1						9.8	9.1
S	1.1	3.6	9.4	4.4	.2							18.9	8.8
SSW	.4	1.9	4.3	1.4	.1	.1						8.4	8.5
SW	.3	1.6	2.6	1.7	.1							5.1	9.1
WSW	.4	.3	1.3	1.3	.3							3.2	10.6
W	1.1	1.3	1.7	1.2	.4	.1						5.8	8.7
WNW	.6	1.2	1.6	1.3	.2	.1						4.9	9.3
NW	.7	.8	2.3	2.0	.2	.1						6.1	9.6
NNW	.6	1.4	2.6	2.0	.2	.1						6.9	9.2
VARBL													
CALM												4.3	
	11.6	20.7	39.1	21.9	2.2	.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1782

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

DATA PROCESSING BRANCH
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13929	COLUMBUS AFB MISSISSIPPI	42-46,59-70,72-74	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	4.4	1.4	.1	.1						9.5	7.7
NNE	.4	.7	.7	.2	.1							2.1	6.7
NE	.6	.5	.6	.1								2.0	6.1
ENE	.4	.4	.3	.1								1.2	5.1
E	1.1	1.2	.5	.2								2.9	5.1
ESE	.5	1.2	.3	.2	.1	.1						3.0	8.5
SE	1.0	1.0	2.6	1.3	.1							6.5	7.8
SSE	.9	2.1	5.6	2.0	.2							10.5	8.6
S	1.4	4.0	8.1	3.5	.9							17.9	8.3
SSW	1.1	1.9	3.3	1.0	.1							7.5	7.4
SW	.5	1.2	1.6	.6	.2							4.3	7.9
WSW	.3	1.0	1.1	.8								3.7	7.0
W	1.4	2.0	1.2	1.1	.5							6.5	7.6
WNW	.3	1.2	1.3	1.2	.3	.1						4.4	9.1
NW	.5	1.4	1.9	2.4	.1	.1						6.5	9.4
NNW	.3	1.6	3.2	2.3	.4	.1						8.1	9.4
VARBL													
CALM												3.4	
	12.1	24.9	38.2	18.3	2.6	.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1780

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
13825	COLUMBUS AFB, MISSISSIPPI	62-46,59-74	APR

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	2.4	3.4	1.2	.4	.1							7.9	5.7
NNE	.6	.6	.6	.3								2.1	5.7
NE	.4	1.2	1.2	.1	.1							3.0	5.7
ENE	.5	.6	.4									1.3	4.4
E	1.2	1.6	.4									3.4	4.2
ESE	1.4	1.5	.7	.4								4.0	5.6
SE	1.2	3.6	2.6	.4	.1							9.5	5.5
SSE	2.8	4.6	2.7	.7	.1	.1						10.3	5.1
S	4.6	5.6	4.6	1.6	.3	.1						15.0	6.1
SSW	2.2	1.6	1.2	.1	.1							5.0	4.8
SW	.4	.6	.4									1.4	5.0
WSW	.4	.4	.3	.1								1.8	4.7
W	1.6	1.4	.6	.3								4.3	5.2
WNW	.9	.3	1.2	.3	.1							3.6	6.3
NW	.7	1.6	.4	.3								3.5	5.7
NNW	1.2	2.6	2.3	.7								6.3	6.6
VARBL													
CALM												15.3	
	24.4	33.2	24.7	5.2	.7	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1784

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

DATA PROCESSING BRANCH
USAF/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

3525 (STATION) | COLUMBUS AFB MISSISSIPPI (STATION NAME) | 4-46,59-74 (YEARS) | APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.8	1.7	.8	.1							7.2	5.3
NNE	1.0	.8	.9	.1								2.2	5.0
NE	1.1	1.2	1.0	.1								3.9	4.9
ENE	.5	1.1	.1									1.7	3.8
E	1.1	1.3	.6									3.0	4.7
ESE	1.0	2.3	.5	.4	.1							4.3	5.3
SE	3.3	4.8	1.7	.3								10.9	4.3
SSE	2.3	3.2	3.3	1.2								10.0	6.5
S	2.1	4.4	6.0	2.0	.2	.1						14.6	7.5
SSW	1.2	1.0	.2	.2								3.2	5.3
SW	.5	.6	.3	.1								1.6	5.1
WSW	.4	.2	.1	.1								.8	5.4
W	.7	.9	.9	.2								2.9	5.9
WNW	.6	.6	.4	.1	.1							1.8	5.7
NW	1.0	1.5	.3	.3								3.7	5.7
NNW	.9	1.0	1.4	.8	.1							4.9	7.6
VARBL													
CALM												26.4	
	17.7	26.8	19.9	6.7	.4	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1796

DATA PROCESSING BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

3945 — STATION
COLUMBUS AFB, MISSISSIPPI — STATION NAME
42-46,59-74 — YEARS
MAY — MONTH

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	1.2	.3								2.3	4.7
NNE	.1	.5	.3									1.7	4.6
NE	1.0	.4	.2	.1								2.7	3.5
ENE	.6	.5	.1	.1								1.4	3.7
E	1.4	1.0	.1									2.5	3.8
ESE	2.3	1.4	.3	.1								4.4	3.7
SE	4.1	3.1	.5	.2								7.9	3.9
SSE	2.1	2.2	1.3	.3								5.9	4.0
S	2.5	3.2	2.4	.2	.1							9.2	5.4
SSW	.5	1.4	1.1	.2								3.5	5.5
SW	1.1	.7	.2	.1								2.0	4.1
WSW	.5	.3	.2									1.0	4.1
W	.7	.3	.2		.1							1.2	5.0
WNW	.5	.4	.4	.2								1.5	6.0
NW	1.2	.5	.4	.1								2.1	4.3
NNW	.8	.6	.2	.2	.1							2.1	5.3
VARBL													
CALM												45.0	
	23.3	20.4	9.4	1.4	.2							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 1925

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13625 (STATION) | GULFPORT, MISSISSIPPI (STATION NAME) | 42-48, 59-74 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 0200-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.4	1.3	.1								5.	4.6
NNE	1.2	.4	.2									1.9	3.6
NE	1.3	.7	.2	.1								1.9	3.9
ENE	.7	.1	.1									.9	3.6
E	.3	.3	.1									2.7	3.3
ESE	.2	1.2	.1									4.2	3.8
SE	1.1	3.3	.2	.2	.1							8.4	4.1
SSE	1.3	2.9	1.7	.1								6.2	4.9
S	1.2	3.2	1.4	.2								9.1	4.9
SSW	1.	.7	1.1	.1								3.3	4.9
SW	.4	.3	.1									1.3	4.6
WSW	.1	.1	.1	.1								.4	4.2
W	.1	.4	.1	.1								1.4	4.3
WNW	.2	.3	.1									1.3	4.3
NW	1.1	.3	.4	.3								2.5	4.7
NNW	.7	1.2	.3	.1		.1						2.5	5.6
VARBL													
CALM												45.5	
	25.2	18.2	10.1	1.3	.1	.1						100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 1933

DATA PROCESSING BRANCH
LFCC/CSAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1265	COLUMBUS AFB MISSISSIPPI	42-46,59-74	AY

CLASS: ALL WEATHER

HOURS (L.S.T.): 0600-0900

CONDITION:

SPEED (KNTS) DIR.	1 - 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	2.9	.2								8.8	5.3
NNE	1.1	1.8	.7	.2								3.8	5.1
NE	.8	.6	.3	.2								2.3	5.2
ENE	.3	.8	.1	.1								1.3	4.6
E	1.1	1.7	.7	.1								4.0	4.5
ESE	2.1	2.6	1.4									6.1	4.9
SE	3.4	3.0	2.1	.4								10.3	5.0
SSE	2.3	2.5	1.6	.3								7.0	5.3
S	3.6	3.9	3.1	.4								10.6	5.4
SSW	1.8	2.1	1.2	.2								5.2	5.0
SW	1.1	1.1	.6	.1								3.0	4.8
WSW	.7	1.0	1.3	.1	.1							2.9	5.8
W	1.1	1.2	.5	.1								2.9	4.5
WNW	.7	.6	.6	.1								2.7	4.9
NW	.7	.9	.5	.3								2.2	6.5
NNW	1.1	1.2	1.2	.2								4.0	5.4
VARBL													
CALM												23.0	
	25.8	29.3	18.9	3.0	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1927

DATA PROCESSING BRANCH
USAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13865 — STATION
COLUMBUS AFB MISSISSIPPI — STATION NAME
42-46,55-74 — 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	.8	2.0	3.4	1.0								8.5	6.6
NNE	.4	1.8	1.8	.5								5.9	6.2
NE	.4	.9	1.4	.3								3.0	6.7
ENE	.3	1.1	.1	.2								2.7	5.6
E	1.4	2.3	.6	.1								4.2	4.3
ESE	.3	1.4	1.1	.2								3.3	6.2
SE	.9	3.0	3.1	.5								7.3	6.5
SSE	1.4	3.0	3.3	.9								8.4	6.8
S	2.4	4.8	4.3	1.8								13.3	6.9
SSW	1.3	.3	1.3	.1								6.9	6.3
SW	1.3	2.4	1.3	.3								5.4	5.7
WSW	.5	1.8	1.1	.2								4.9	5.9
W	.5	2.3	1.4	.3								6.0	5.5
WNW	1.3	1.5	1.4	.4	.1							4.9	6.0
NW	.7	1.1	1.4	.6								3.9	6.8
NNW	.5	2.0	2.1	.6								5.5	6.7
VARBL													
CALM												6.6	
	18.4	34.7	31.5	8.1	.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1920

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13025	COLUMBUS AFB MISSISSIPPI	47-48-59-74	MAY
STATION	STATION NAME	YEARS	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	1.6	3.4	4.6	1.3								9.7	7.2
NNE	.6	1.0	1.8	.7								3.3	5.9
NE	.5	.9	1.3	.1								2.9	6.2
ENE	.7	1.1	.3									2.3	5.0
E	.8	1.1	.9									2.9	5.2
ESE	.2	1.8	1.7	.1								3.7	6.9
SE	.7	1.6	2.3	.8								5.6	7.2
SSE	.6	2.5	4.1	.6								8.0	7.3
S	.6	5.1	6.4	2.2	.2							15.1	7.7
SSW	.8	1.9	3.4	.6								6.9	7.0
SW	.7	2.0	2.1	.9								6.3	7.3
WSW	1.2	2.4	1.6	.4								5.6	5.9
W	1.8	2.7	3.3	.5								7.3	6.6
WNW	1.0	1.4	1.4	.8	.1							4.8	7.1
NW	1.6	1.6	2.1	.9	.1							5.7	7.3
NNW	.6	2.3	2.3	.7	.1							6.1	7.3
VARBL													
CALM												3.8	
	13.8	33.1	38.7	10.2	.4							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1932

DATA PROCESSING BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13925	COLUMBUS AFB MISSISSIPPI	62-66, 69-74	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.8	3.4	1.4	.1							9.0	7.2
NNE	.9	1.7	1.3	.1								3.7	5.9
NE	.3	1.1	1.4	.3								3.1	5.3
ENE	.7	.4	.6	.1								1.7	5.4
E	1.4	1.7	1.2									4.3	5.3
ESE	.9	1.4	1.4	.3								3.9	6.4
SE	1.0	2.2	2.1	.4								5.7	6.4
SSE	1.1	2.1	4.2	.9	.1							9.3	7.3
S	2.4	4.2	6.3	1.6	.1							14.6	7.0
SSW	1.0	3.0	2.4	.3	.1							7.4	6.2
SW	1.4	1.6	1.9	.3								5.0	5.9
WSW	1.1	1.7	1.3	.2								4.4	5.7
W	1.3	3.0	2.3	.6	.1							7.5	6.1
WNW	1.0	1.3	1.1	.8	.1	.1						4.4	7.4
NW	1.4	1.5	2.3	.9	.1							6.1	7.4
NNW	.7	2.7	3.1	.7	.1							7.3	7.2
VARBL													
CALM												3.7	
	16.3	33.4	36.8	8.6	.6	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1931

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

DATA PROCESSING BRANCH
USAF/USAF
U.S. WEATHER SERVICE/MAC

SURFACE WINDS

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

3320 — STATION
COLUMBUS AFB MISSISSIPPI — STATION NAME
42-46,52-74 — 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	3.7	3.0	1.0	.3								8.2	4.0
NNE	1.4	1.4	.7									3.7	4.4
NE	1.2	.8	.2	.1		.1						2.0	4.9
ENE	1.1	.3	.2	.1								1.6	3.8
E	2.2	1.4	.5	.1								4.4	4.0
ESE	2.8	2.3	.1									5.8	3.9
SE	3.3	4.2	1.5	.2								9.2	4.6
SSE	1.9	3.3	2.2	.3								7.7	5.6
S	4.	3.4	2.1	.3	.1							9.9	4.8
SSW	2.3	1.5	.3									4.1	3.6
SW	1.2	.6	.2									2.1	3.6
WSW	1.1	.9	.4	.1								2.3	4.7
W	1.5	1.4	.5		.1							3.6	4.3
WNW	1.1	1.2	.6	.1								3.3	4.4
NW	1.1	1.2	.8	.1								3.2	4.6
NNW	1.9	2.1	1.2	.4								5.5	5.2
VARBL													
CALM												2.3	
	34.1	29.2	13.8	1.9	.1	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 1930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-46,59-74	MAY
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	2.0	2.0	1.4	.6	.1							6.1	4.9
NNE	.3	.8	.5	.1								1.4	4.4
NE	.6	.8	.3			.1						1.3	4.3
ENE	1.4	.7	.6									2.1	3.8
E	1.6	1.6	.4	.1								3.3	4.1
ESE	2.4	2.1	.7									5.1	4.1
SE	4.4	4.5	1.2	.2								10.3	4.1
SSE	2.4	2.8	1.2	.1	.1							6.5	5.2
S	2.1	2.6	2.1	.2	.1							7.7	5.4
SSW	1.1	.5	.7	.2		.1						2.5	5.6
SW	.7	.6	.2	.2								1.9	4.6
WSW	.9	.7	.1									1.6	4.0
W	.5	.4	.2	.1								1.5	4.4
WNW	.1	.4	.4									1.2	5.2
NW	.8	.7	.2									1.8	3.9
NNW	1.3	.5	.2	.1								3.2	4.3
VARBL													
CALM												40.6	
	23.5	22.6	10.1	1.3	.3	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1920

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1350.2	COLUMBUS AFB MISSISSIPPI	42-45,50-74	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	1.2	.6									4.6	3.6
NNE	1.2	.5	.2	.1								2.4	3.4
NE	1.2	.5	.4	.1								2.2	4.3
ENE	.6	.5	.4									1.4	4.2
E	2.1	.7	.5									3.2	3.3
ESE	3.1	1.1	.1	.1								4.3	3.1
SE	4.1	3.1	.4									9.2	3.6
SSE	2.1	2.1	.5									5.7	4.2
S	2.1	4.2	1.2	.4								8.1	4.7
SSW	1.1	1.1	.7	.1								3.0	4.4
SW	.7	.6	.4									1.6	3.8
WSW	.5	.1	.2	.1								.9	4.4
W	1.1	.4		.1								1.8	3.0
WNW	.7	.4	.4									1.1	3.6
NW	.6	.4	.3			.1						1.1	4.4
NNW	1.1	.5	.1									1.9	3.2
VARBL													
CALM												46.6	
	29.1	17.8	6.1	.7		.1						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 1745

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13865	COLUMBUS AFB MISSISSIPPI	62-65,69-74	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	1.7	.5									4.8	3.7
NNE	1.4	.6	.1	.1								2.2	3.4
NE	1.0	.5	.2									1.7	3.5
ENE	1.2	.3	.1									1.7	3.1
E	.9	1.4	.1									3.4	3.7
ESE	2.2	.5	.4	.4								3.5	3.7
SE	5.1	2.2	.5									8.8	3.5
SSE	3.1	1.4	.1									5.3	3.9
S	3.3	3.3	1.1	.1								7.9	4.1
SSW	1.3	1.7	.3									3.2	4.3
SW	1.1	.3	.1									1.4	3.1
WSW	.3	.4										.7	3.2
W	.7	.6	.1									1.6	3.6
WNW	.2	.1	.1	.1								.4	4.9
NW	.3	.3										1.0	2.7
NNW	.3	1.1	.2									2.3	3.9
VARBL													
CALM												48.9	
	28.7	17.3	4.9	.4								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 1740

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13865	COLUMBUS AFB MISSISSIPPI	52-65,59-74	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	2.8	1.1	.6								7.1	4.3
NNE	1.6	1.5	.6									3.4	4.4
NE	1.5	1.1	.4	.1								3.2	4.4
ENE	.9	.6	.3									2.0	4.3
E	2.0	1.8	.7	.1								4.7	4.2
ESE	2.1	1.6	.9	.1								4.1	4.0
SE	2.3	3.2	2.1	.2								9.6	4.7
SSE	2.0	3.3	1.1	.1								6.8	4.5
S	3.0	4.1	1.1	.1								8.4	4.3
SSW	2.4	3.0	1.1	.1								6.5	4.5
SW	1.6	1.7	.7									3.7	4.9
WSW	1.2	1.1	.6									2.7	4.4
W	1.3	1.8	.7	.1								3.9	5.0
WNW	1.0	.7	.7									2.4	3.4
NW	.7	.6	.1									1.3	4.0
NNW	.7	1.1	.3									2.1	4.1
VARBL													
CALM												28.2	
	28.9	29.9	12.3	.8								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1742

DATA PROCESSING BRANCH
USAF/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
13825	COLUMBUS AFB, MISSISSIPPI	42-45,52-74	JUL

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	3.7	1.7	.5								8.3	5.2
NNE	1.3	1.6	.5	.2								3.6	5.4
NE	2.1	1.8	1.4	.1								4.3	5.4
ENE	.9	1.2	.6									2.7	5.0
E	1.4	2.5	.5	.4								4.7	4.5
ESE	1.1	1.7	1.4	.3								4.6	5.7
SE	1.1	2.5	1.5	.4								6.5	5.6
SSE	1.7	2.6	2.1	.3								6.7	5.6
S	2.0	3.1	2.7	.7	.1							9.8	5.3
SSW	1.1	2.6	1.8	.3								6.2	5.2
SW	2.1	2.4	2.1	.3								6.7	5.4
WSW	1.1	2.3	1.1	.1								4.6	5.2
W	1.3	3.3	2.4	.4								8.3	5.5
WNW	1.3	1.8	1.3	.2								4.7	5.6
NW	1.1	1.3	1.1	.2								4.0	5.0
NNW	1.0	1.4	1.2	.3								4.3	5.3
VARBL													
CALM												0.4	
	25.4	37.1	24.1	4.8	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1749

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (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	1.1	3.2	3.0	.5	.1	.1						9.1	6.4
NNE	1.2	1.7	1.0	.2								4.1	5.5
NE	.8	1.5	1.4	.1								3.6	6.0
ENE	.9	1.3	.5	.1								2.7	5.1
E	1.3	1.7	.6	.2								5.1	5.6
ESE	1.0	1.5	1.3	.3								4.1	5.8
SE	1.1	2.5	2.2	.3	.1							6.2	6.1
SSE	.9	2.4	2.3	.7								5.6	6.1
S	1.8	3.3	3.4	.7	.1							11.6	6.1
SSW	1.3	2.5	1.7	.2								5.8	5.5
SW	1.5	2.5	2.4	.5								6.6	6.2
WSW	1.3	2.3	1.7	.2	.1							5.6	5.6
W	2.1	2.8	3.4	.2								8.5	5.9
WNW	.9	1.9	1.7	.3								4.9	6.1
NW	.9	2.0	1.1	.4								4.4	6.0
NNW	1.7	2.4	2.1	.6		.1						6.7	6.2
VARBL													
CALM												5.7	
	20.2	37.4	31.3	4.9	.2	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1746

DATA PROCESSING BRANCH
ETAC/USAF
AFB WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	JUN
STATION	STATION NAME	YEARS	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	2.1	3.9	4.3	.6	.1							10.6	6.4
NNE	.6	1.9	1.1	.1								3.7	5.3
NE	1.1	2.1	1.3	.6		.1						5.1	6.3
FNE	1.0	1.9	.5	.2								3.6	4.9
E	2.1	1.8	1.3	.2								5.4	5.1
ESE	.5	1.7	1.2	.2								3.6	6.3
SE	1.6	2.5	2.1	.3	.1							6.1	6.1
SSE	1.5	2.6	1.5	.3		.1						5.8	6.3
S	2.9	5.1	3.3	.7	.1							12.1	5.8
SSW	1.9	3.1	2.0	.1								7.1	5.2
SW	1.3	2.8	1.9	.3								6.2	5.9
WSW	1.4	2.5	1.8	.1								5.5	5.6
W	2.2	2.8	2.3	.2								7.5	5.5
WNW	1.1	1.4	.6		.1							3.2	4.9
NW	.8	1.4	1.4	.1								3.7	6.0
NNW	1.0	2.3	1.7	.5								5.4	6.1
VARBL													
CALM												5.3	
	22.2	39.2	28.5	4.5	.2	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1744

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (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	2.9	2.8	2.2	.1								8.0	5.0
NNE	1.9	1.5	.4	.2	.1							3.9	4.4
NE	2.0	1.3	.4	.1								3.8	4.1
ENE	1.4	1.1	.3		.1							3.0	4.2
E	2.9	2.6	1.0	.1								6.5	4.2
ESE	1.8	1.9	.4	.3								4.3	4.1
SE	3.2	3.4	1.4	.2	.1							8.3	4.8
SSE	2.1	3.0	1.3	.2								7.4	4.7
S	4.8	4.1	1.6	.3								10.8	4.4
SSW	1.4	1.7	.5	.1								3.7	4.5
SW	1.6	1.5	.2	.2								3.6	4.4
WSW	1.1	.7	.2									2.1	3.6
W	1.3	1.4	.2	.1								3.9	4.2
WNW	.3	.8	.2									1.5	4.8
NW	1.1	.9	.3	.1								2.5	4.4
NNW	1.9	1.1	.4	.1								3.1	4.1
VARBL													
CALM												24.0	
	32.4	30.1	11.3	1.8	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1748

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,54-74 (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	2.1	1.9	1.0	.1								4.6	4.4
NNE	1.3	.9	.3	.1								2.8	3.8
NE	1.0	.9	.7	.1								2.8	4.0
ENE	1.2	.5	.4									1.8	3.3
E	2.2	1.7	.4									4.7	4.3
ESE	1.2	1.8	.5	.1								4.1	4.1
SE	5.4	5.2	.9									11.3	3.9
SSE	2.9	2.7	.6	.2								6.4	4.1
S	3.9	3.5	.3	.1								8.4	4.4
SSW	1.5	1.2	.3									3.1	4.2
SW	1.1	.6	.3									2.1	3.9
WSW	.4	.4	.3									1.1	4.3
W	.5	.2										.7	2.8
WNW	.2	.2	.2									.7	4.3
NW	1.0	.6	.1									1.7	3.5
NNW	.7	.9	.1									1.7	4.2
VARBL													
CALM												41.9	
	27.7	22.2	7.2	.9								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 1748

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.0	.4									3.8	3.4
NNE	1.3	1.1	.1									2.5	3.3
NE	1.0	.9	.1									2.1	3.0
ENE	.8	.2										1.1	2.7
E	1.2	.4	.2									2.0	3.5
ESE	2.2	.8	.2									3.2	3.1
SE	3.1	1.6	.3									5.0	3.3
SSE	3.4	1.7	.3		.1							5.5	3.5
S	4.3	2.7	1.1									8.1	3.8
SSW	2.2	.9	.2									3.3	3.3
SW	3.0	.4	.1									3.5	2.9
WSW	.4	.1	.2									.8	3.8
W	1.2	.1	.1									1.3	2.8
WNW	.6	.3										.8	2.9
NW	1.1	.2	.1									1.3	2.9
NNW	1.0	.4	.3									1.7	3.9
VARBL													
CALM												53.9	
	30.1	12.7	3.3		.1							100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 1785

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.3	.2									4.5	3.4
NNE	1.7	.6	.1	.1								2.3	3.2
NE	1.3	.3										1.7	2.6
ENE	.7	.1	.1									.7	3.8
E	1.5	.6	.2									2.3	3.1
ESE	2.6	1.1	.1									3.8	3.0
SE	4.5	1.5		.1								6.1	2.9
SSE	3.5	1.2	.2									4.9	3.1
S	4.4	2.3	.2									6.9	3.2
SSW	1.3	.5	.4									2.3	4.1
SW	2.3	.6	.2									3.1	3.2
WSW	.4	.2										.6	2.7
W	.5	.1										.7	2.3
WNW	.2	.1										.3	2.8
NW	.8	.4	.1									1.0	3.5
NNW	1.1	.5	.2									2.2	4.0
VARBL													
CALM												55.5	
	29.6	11.7	2.1	.1								100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 1789

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.9	.7	.1								6.3	4.1
NNE	1.3	.0	.3									2.2	3.6
NE	1.7	.9	.4									3.1	3.8
ENE	1.0	.3	.2	.1								1.5	4.0
E	1.1	1.4	.3									2.8	4.3
ESE	2.3	1.7	.4	.1								4.5	3.9
SE	3.2	2.4	.8									6.4	4.1
SSE	3.1	1.6	.3									5.0	3.3
S	4.3	3.9	.7	.1								8.9	3.8
SSW	3.4	1.7	.2									5.3	3.3
SW	2.3	2.3	.3									5.9	4.0
WSW	1.3	1.5	.2	.1	.1							3.1	4.3
W	2.1	2.0	.5	.1								5.0	3.7
WNW	1.2	.7	.1									2.0	3.6
NW	1.7	.7										2.4	3.4
NNW	.9	1.0	.2									2.1	3.9
VARBL													
CALM												33.4	
	34.7	25.4	6.1	.4	.1							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 1784

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	3.5	1.5	.3								7.9	4.9
NNE	1.9	1.9	1.0									4.4	4.9
NE	1.0	1.3	.8	.1								3.1	5.3
ENE	.9	.8	.4	.1								2.2	4.9
E	1.9	1.9	.8	.1								4.6	4.5
ESE	.9	1.7	.7	.1								3.3	5.2
SE	2.0	2.0	.7	.1								4.8	4.3
SSE	1.4	1.4	.4	.1								3.7	4.2
S	2.3	3.9	1.1	.1								7.6	4.5
SSW	2.2	3.0	1.4	.1								6.3	4.6
SW	3.2	3.0	1.5	.2								7.9	4.4
WSW	2.9	2.6	1.3	.2								6.7	4.5
W	3.8	4.4	2.2	.3								9.7	4.9
WNW	1.9	2.5	1.2	.3								5.9	4.9
NW	1.4	1.7	1.2	.1								4.4	5.2
NNW	.5	2.2	.3									4.3	4.5
VARBL													
CALM												13.4	
	30.0	37.9	16.5	1.9								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1780

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (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	2.0	3.8	3.0	.6	.1							9.5	6.1
NNE	1.2	2.0	1.1	.1								4.4	5.3
NE	.7	2.0	1.2	.2								4.7	5.6
ENE	1.0	1.0	.9	.1								3.0	5.1
E	.7	1.2	1.3	.1								3.3	5.8
ESE	1.0	.9	1.1	.1								3.2	5.3
SE	1.0	1.2	.8	.2								3.2	5.3
SSE	1.1	1.9	.8	.1								4.0	4.8
S	2.0	4.0	1.1	.1								7.9	4.6
SSW	1.5	3.0	1.8	.1								6.2	4.8
SW	1.2	3.1	2.0	.2	.1							7.7	5.7
WSW	2.1	2.9	1.3	.1								6.4	4.9
W	3.5	4.2	3.4	.3								11.4	5.4
WNW	1.4	2.4	1.2	.1		.1						5.2	5.3
NW	1.2	2.6	1.9	.3								6.0	5.8
NNW	1.1	2.8	2.8	.2								6.9	6.1
VARBL													
CALM												7.1	
	24.6	40.8	25.0	2.8	.2	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1777

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (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	2.1	3.7	4.1	.4	.1							10.3	6.1
NNE	.3	2.0	1.5	.1								4.2	5.6
NE	1.4	1.4	.4	.3	.1							4.1	5.7
ENE	.4	1.5	.7	.2								3.4	5.4
E	1.5	1.7	1.0	.1								4.7	5.2
ESE	.8	1.4	.3	.2								3.1	5.9
SE	1.0	2.3	1.1	.3								4.7	5.6
SSE	1.1	1.3	.6	.2								3.2	5.1
S	3.5	4.9	1.5	.2								10.5	4.8
SSW	2.4	3.4	1.7	.1								7.7	4.9
SW	2.4	2.7	2.1	.2	.1							7.9	5.6
WSW	1.7	2.3	1.0	.1								5.7	5.2
W	2.1	3.9	2.3	.1	.1							8.4	5.5
WNW	1.2	1.7	.3	.1		.2						4.0	5.6
NW	1.4	2.3	1.3	.1	.1	.1						4.9	5.8
NNW	1.1	2.3	2.5	.5	.1							6.5	6.6
VARBL													
CALM												7.0	
	24.4	38.8	26.1	3.1	.2	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1790

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (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	3.3	2.5	1.1	.1	.1							8.1	4.2
NNE	1.8	.8	.2	.1								2.9	3.4
NE	2.0	.7	.3	.1								3.1	3.8
ENE	1.5	1.0	.2		.1							2.7	4.0
E	1.8	.7	.4	.2	.1							3.2	4.6
ESE	1.9	1.6	.6	.1								4.2	4.2
SE	2.5	1.9	.7									5.1	4.0
SSE	.3	2.9	.8			.1						5.5	4.8
S	2.1	4.5	1.2									10.7	4.0
SSW	3.3	2.1	.4	.1								6.3	4.0
SW	2.0	2.4	.7	.1		.1						5.2	4.6
WSW	1.5	1.2	.3	.2								3.5	4.4
W	2.3	1.2	.6			.1						4.1	4.1
WNW	.5	.9	.3									2.0	4.2
NW	1.4	1.1	.3	.1								2.9	4.1
NNW	1.6	1.4	.7	.1		.1						3.9	4.9
VARBL													
CALM												26.6	
	35.2	27.8	9.0	1.1	.2	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 1775

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-48,59-74 (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	2.1	1.5	.4	.1								4.1	4.2
NNE	1.6	.5	.3									2.0	3.5
NE	1.4	.4	.1									1.9	2.9
ENE	.8	.2	.1									1.1	3.1
E	1.7	.7	.5									3.0	4.0
ESE	1.6	1.5	.4	.1								3.5	3.7
SE	4.1	3.1	.7									7.9	3.7
SSE	2.6	2.2	.3									5.1	3.7
S	3.6	4.0	.8									9.4	3.6
SSW	1.7	1.3	.4									3.4	3.9
SW	3.4	1.0	.3		.1							4.8	3.6
WSW	1.0	.7	.2									1.9	3.6
W	1.3	.6	.2	.1								2.1	3.8
WNW	.3	.1	.1									.9	2.9
NW	.8	.2										1.0	2.8
NNW	1.6	.6	.2									1.8	3.9
VARBL													
CALM												45.5	
	30.9	18.9	4.4	.2	.1							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 1787

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

DATA PROCESSING BRANCH
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (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	4.4	1.8	.2	.3								6.1	3.2
NNE	1.1	.4										1.6	2.9
NE	1.1	.3	.1									1.6	3.1
ENE	1.1	.2	.2									1.4	3.5
E	1.7	.5	.1	.1								2.4	3.2
ESE	2.8	1.1	.2		.1							4.1	3.1
SE	4.4	2.5	.2									7.1	3.3
SSE	2.3	2.3	.2									4.6	3.6
S	3.7	2.8	.6	.1								7.2	3.8
SSW	1.6	.6	.2									2.4	3.7
SW	1.2	.3										1.5	2.9
WSW	.4	.2										.6	3.3
W	.6	.3	.1									1.0	3.2
WNW	.3	.1		.1								.7	3.3
NW	.6	.2	.1									.8	2.8
NNW	1.1	.5	.1	.1								2.4	3.3
VARBL													
CALM												54.6	
	28.8	14.2	2.1	.3	.1							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 1850

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.6	1.6	.2									5.4	3.1
NNE	1.4	.2	.1									1.6	2.7
NE	1.5	.4	.1									1.9	2.8
ENE	1.1	.2	.2									1.4	3.3
E	1.8	.6	.1	.1	.1							2.6	3.9
ESE	2.5	1.2										3.7	3.0
SE	3.1	1.8	.2									5.1	3.4
SSE	2.4	1.2	.2									3.9	3.5
S	3.3	2.3	.3									5.9	3.6
SSW	1.1	.8	.2									2.2	4.0
SW	1.2	.4	.2									1.8	3.5
WSW	.4	.2										.5	3.4
W	.8	.3										1.1	3.1
WNW	.4	.1										.8	2.7
NW	1.4	.1										1.5	2.3
NNW	2.3	.3	.1									2.8	2.7
VARBL													
CALM												57.8	
	28.3	11.9	1.9	.1	.1							100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 1850

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	AUG
STATION	STATION NAME	YEARS	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	3.0	.6									7.1	3.8
NNE	1.6	.9	.3	.1								2.8	3.8
NE	1.5	.5	.2									2.2	3.3
ENE	1.4	.5	.3	.1								2.1	3.8
E	2.4	1.4	.3	.1	.1							4.6	3.8
ESE	2.6	2.2	.5									5.3	3.9
SE	3.7	3.3	1.0	.1								8.0	4.1
SSE	2.7	2.1	.3									5.1	3.7
S	3.7	3.4	.5									7.5	3.7
SSW	2.4	1.3	.4									3.7	3.7
SW	1.6	.9	.2									2.6	3.7
WSW	.9	1.1	.4									2.4	4.4
W	1.3	1.0	.2									2.7	3.7
WNW	.6	.7	.1									1.5	3.5
NW	1.6	.3	.1									1.9	2.9
NNW	2.3	1.1	.2									3.4	3.4
VARBL													
CALM												37.0	
	33.4	23.7	5.5	.2	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 1857

DATA PROCESSING BRANCH
USAF/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-43,59-74 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0900-1160 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	3.4	2.1	.1								8.7	4.9
NNE	1.7	1.8	.9	.1								4.4	4.5
NE	1.5	1.2	.3	.1								3.4	4.2
ENE	.4	.8	.2	.1								2.2	4.1
E	2.2	2.6	1.0	.1	.1							5.9	4.7
ESE	1.8	2.3	1.2		.1							5.5	4.8
SE	2.0	2.3	1.1	.1								6.3	4.9
SSE	2.1	2.3	1.1									6.1	4.3
S	3.1	3.9	1.1	.1								8.8	4.2
SSW	1.2	2.6	1.4	.1								5.2	4.8
SW	1.3	2.0	.5									4.5	4.0
WSW	1.5	2.2	1.0	.1								4.7	4.8
W	3.1	2.5	1.4	.1								7.2	4.5
WNW	.5	.9	.5									2.9	4.1
NW	1.7	1.2	.7									3.6	4.1
NNW	1.1	2.0	1.3	.1								5.1	5.0
VARBL													
CALM												15.6	
	33.2	34.2	16.6	.9	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1857

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	AUG
STATION	STATION NAME	YEARS	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	2.6	5.4	2.0	.6								10.2	5.5
NNE	1.3	1.1	1.4									3.8	5.3
NE	.3	1.3	1.1	.1								3.6	5.5
ENE	1.0	1.2	.1	.1								3.0	4.8
E	1.3	2.0	1.1	.4								4.9	5.4
ESE	1.1	2.3	1.4	.1	.1							4.9	5.7
SE	1.3	2.3	1.0	.2	.1							5.4	5.8
SSE	1.0	2.5	1.2									4.7	5.1
S	2.1	4.0	2.0	.3								8.8	5.4
SSW	1.0	2.8	1.3	.1								5.7	5.0
SW	1.7	3.0	1.7	.2								6.5	5.2
WSW	2.1	2.2	1.8	.1								6.2	5.2
W	2.4	3.3	1.7	.2								7.6	5.0
WNW	.9	1.8	.8									3.5	4.9
NW	1.3	2.2	1.6	.2								5.1	5.5
NNW	1.2	3.4	2.1	.5			.1					7.3	6.3
VARBL													
CALM												8.8	
	23.1	40.1	24.4	2.9	.1		.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1354

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) | COLUMBUS AFB MISSISSIPPI (STATION NAME) | 42-45,59-74 (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	3.1	4.5	3.6	.6	.1		.1					12.0	6.0
NNE	1.5	1.8	1.6	.1	.2							5.2	5.6
NE	1.1	1.7	.9	.1	.1							3.7	5.2
ENE	1.0	2.1	.8	.1								4.5	4.9
E	1.5	2.2	1.4	.3	.1	.1						5.4	5.8
ESE	.9	1.6	.9	.5	.1							3.9	6.2
SE	.8	1.8	1.7	.4								4.7	6.1
SSE	1.5	1.7	1.7	.1	.1							5.1	5.8
S	2.5	5.3	2.6	.3	.1		.1					10.9	5.6
SSW	1.5	2.6	1.2	.3								5.6	5.3
SW	1.1	2.8	1.2	.2								5.7	5.1
WSW	1.1	1.8	.9	.1								3.9	5.2
W	1.0	2.5	1.4	.1								5.7	5.2
WNW	1.3	1.6	.5	.1								3.6	4.8
NW	1.4	1.6	1.3	.1								4.3	5.2
NNW	1.0	4.1	2.3	.2			.1					7.6	5.0
VARBL													
CALM												8.0	
	23.8	39.8	24.0	3.5	.6	.1	.2					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1851

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) | COLUMBUS AFB MISSISSIPPI (STATION NAME) | 42-45,59-74 (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	5.1	2.9	.6	.2								8.8	3.8
NNE	2.0	.8	.2	.1								3.0	3.5
NE	2.1	.8	.4	.1								3.1	3.6
ENE	1.3	.5	.1									1.9	3.0
E	2.4	1.8	.4	.1		.1						4.7	4.0
ESE	2.4	1.9	.5									4.8	3.9
SE	2.3	2.3	.4	.2	.1							5.3	4.4
SSE	2.3	2.1	.3									5.2	4.1
S	3.7	4.9	1.2	.1		.1						9.9	4.6
SSW	2.6	2.1	.5									5.4	3.8
SW	1.6	1.2	.2	.1								3.1	3.7
WSW	1.0	.7	.3									2.0	4.3
W	1.6	.8	.3	.1								3.0	3.2
WNW	.8	.5	.1									1.4	3.4
NW	1.3	.9	.3									2.5	3.2
NNW	2.2	1.5	.1									4.3	3.2
VARBL													
CALM												31.6	
	36.0	25.2	6.1	.9	.1	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1857

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	1.8	.4									6.4	3.2
NNE	1.2	.5	.5		.1							2.2	4.5
NE	1.5	.5	.1									2.0	2.9
ENE	.5	.2	.1									1.1	3.0
E	2.3	1.1	.2	.1								3.8	3.8
ESE	2.3	1.5	.3									4.5	3.4
SE	4.3	4.0	.2	.1								8.6	3.7
SSE	2.4	2.6	.4									5.0	4.0
S	3.3	2.9	.9	.1								7.1	4.1
SSW	2.1	1.4	.2	.2								3.7	4.1
SW	1.2	.3	.1	.1								1.7	3.5
WSW	.5	.4		.1								1.0	3.8
W	.5	.3	.1									.9	3.5
WNW	.3	.1										.6	2.1
NW	1.2	.2	.1									1.4	2.5
NNW	1.4	.6	.1	.1								2.2	3.4
VARBL													
CALM												48.0	
	29.8	18.2	3.4	.5	.1							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 1856

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (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	5.2	2.6	1.2	.3								9.3	4.0
NNE	1.4	.4	.1	.1								1.8	3.7
NE	2.0	1.2	.1	.1								3.4	4.0
ENE	.8	.7	.2									1.7	4.1
E	3.5	1.3	.7	.2								5.7	4.0
ESE	3.6	2.5	.7	.2								7.1	3.8
SE	2.0	3.7	.7	.1	.1							7.2	4.4
SSE	2.0	1.3	.7	.1								4.1	4.4
S	1.7	1.4	.4									3.5	3.9
SSW	.7	.6	.2									1.5	3.9
SW	.4	.3	.1									.6	4.7
WSW	.2	.2	.1									.5	4.2
W	.2	.2	.1									.6	5.3
WNW	.2	.2	.1									.5	4.6
NW	1.1	.4	.1									1.6	3.5
NNW	1.9	.7	.2									2.8	3.3
VARBL													
CALM												48.3	
	27.1	17.8	5.7	.9	.1							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 1794

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	SEP

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	3.3	1.1	.4								8.4	4.5
NNE	2.1	.6	.2	.1								2.9	3.6
NE	2.4	1.2	.2									3.5	3.5
ENE	1.2	.5	.2	.1								2.2	3.4
E	2.1	1.6	.6	.1								5.2	4.1
ESE	3.2	1.6	.4									5.3	3.8
SE	3.2	3.0	.7	.2								7.6	4.0
SSE	1.2	.4	.4	.4		.1						2.8	4.5
S	1.5	1.2	.3									3.7	4.1
SSW	.2	.3										.8	3.0
SW	.1	.2	.1									.4	4.6
WSW	.2	.1										.3	3.2
W	.2	.1										.4	2.7
WNW	.3	.3	.1									.7	4.3
NW	1.2	.2	.1									1.6	2.8
NNW	2.3	1.0	.4	.2								4.2	4.0
VARBL													
CALM												49.6	
	27.7	16.3	5.0	1.3		.1						100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 1791

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13925 — STATION
COLUMBUS AFB MISSISSIPPI — STATION NAME
42-45,59-74 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	4.4	1.5	.5	.1							11.0	4.9
NNE	2.1	1.0	.6	.1								4.5	4.1
NE	2.3	1.1	.4	.1	.1							4.2	4.5
ENE	1.4	1.1	.6	.1								3.1	4.0
E	2.1	2.6	1.6	.3								7.4	4.9
ESE	2.2	3.2	1.3	.4								7.4	5.1
SE	3.3	4.0	1.2	.2								9.3	4.9
SSE	2.2	2.3	.5	.3								5.8	4.8
S	2.4	1.7	1.0									4.9	4.5
SSW	.7	.9	.2									1.8	4.3
SW	.4	.2	.1									.7	3.4
WSW	.3	.3	.2									.9	3.9
W	.4	.6	.1									1.0	4.0
WNW	.2	.2	.3									.7	5.4
NW	1.3	.4	.3	.1								2.0	3.9
NNW	.3	1.0	.5	.1								2.0	5.1
VARBL													
CALM												32.9	
	27.3	25.6	11.8	2.2	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1795

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13025 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	4.0	4.3	.8								10.5	5.9
NNE	2.1	2.1	1.7	.3	.1							6.3	5.6
NE	1.4	1.6	1.1	.3	.1	.1						4.6	6.5
ENE	.5	1.4	1.1	.4								3.1	6.3
E	2.1	3.6	1.8	.3								7.9	5.5
ESE	1.2	1.8	3.0	.7	.2	.1						7.2	7.0
SE	1.0	3.0	3.7	.7								9.6	6.1
SSE	2.1	3.4	2.3	.7	.1							9.0	6.0
S	3.4	4.3	2.0	.6								10.1	5.2
SSW	.7	1.2	1.1									4.3	4.6
SW	.1	.8	.7	.2								2.8	5.2
WSW	.4	.9	.4									2.1	4.5
W	1.1	1.3	.7	.1								3.2	4.7
WNW	.6	.7	.7									2.2	5.0
NW	.8	1.0	.7	.1	.1							2.6	5.6
NNW	1.2	2.0	1.0	.1	.1							4.3	5.4
VARBL													
CALM												9.9	
	25.1	33.7	24.3	5.0	.5	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1787

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	SEP
STATION	STATION NAME	YEARS	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	1.7	5.0	4.4	1.5	.1							12.9	6.2
NNE	1.1	3.2	2.3	.5	.1							7.1	6.4
NE	1.3	2.2	1.8	.3	.1							5.4	6.3
ENE	.8	2.0	1.1	.6	.1							4.5	6.5
E	1.2	2.6	2.0	.3								6.1	5.9
ESE	1.1	2.2	2.5	.6	.1							6.7	7.0
SE	1.2	2.6	2.6	.4	.1							7.1	6.5
SSE	1.6	3.2	2.0	.8	.1							7.6	6.6
S	1.8	4.1	3.2	.4	.1	.1						9.8	6.2
SSW	.8	2.3	1.3									4.5	5.6
SW	.5	1.3	.6									2.6	5.1
WSW	.3	1.1	.7	.1								2.1	5.6
W	1.4	1.6	1.1	.1	.1							4.2	5.9
WNW	.3	1.2	.7	.1	.1	.1						2.7	6.0
NW	.3	1.6	1.3	.1								3.7	5.8
NNW	1.3	2.8	2.2	.3	.1							7.1	5.9
VARBL													
CALM												5.7	
	17.3	39.2	30.6	6.3	.8	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1792

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) | COLUMBUS AFB MISSISSIPPI (STATION NAME) | 42-45,59-74 (YEARS) | SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	6.9	4.3	1.2	.1							15.9	6.2
NNE	1.3	2.5	2.2	.2	.1							6.3	6.0
NE	1.7	2.0	1.2	.2	.1							5.3	5.2
ENE	2.4	1.8	1.1	.4								5.6	5.0
E	2.3	2.9	1.9	.2								7.2	5.2
ESE	1.4	1.9	2.3	.2	.1							6.0	5.9
SE	1.1	3.1	2.8	.3								7.7	6.0
SSE	1.3	2.3	2.1	.8								6.9	6.4
S	2.1	4.2	1.9	.4								8.5	5.5
SSW	1.5	1.2	1.1	.1								3.1	4.8
SW	1.4	1.0	.1									2.5	3.6
WSW	.4	.6	.3	.1								1.5	5.7
W	1.3	1.1	.2	.1								2.6	4.7
WNW	1.0	1.0	.4	.2								2.5	5.0
NW	.8	2.1	1.1	.4	.1							4.5	6.1
NNW	1.3	3.4	2.1	.6	.1							7.4	6.3
VARBL													
CALM												5.8	
	23.9	39.0	25.4	5.5	.4							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1783

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFS MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.3	4.8	2.3	.5								11.6	5.0
NNE	1.8	1.8	.6									4.2	4.1
NE	2.3	1.3	.3									4.1	3.6
ENE	3.6	1.0	.4	.1								3.7	3.8
E	2.9	2.3	.6	.1								6.1	4.1
ESE	3.1	1.6	.3	.1								5.6	4.2
SE	3.4	3.7	1.1	.1	.1							8.4	4.5
SSE	2.3	1.7	.5	.1								4.2	4.2
S	2.6	1.9	.5									4.8	4.4
SSW	1.1	.6	.1									1.7	3.6
SW	.6	.2	.1	.1		.1						1.1	5.6
WSW	.3	.1	.1									.6	3.4
W	1.3	.7	.2	.1								1.8	4.0
WNW	.3	.5	.1	.1								1.3	4.2
NW	1.1	.9	.2									2.7	3.4
NNW	2.6	1.5	.7	.1	.1							4.4	4.7
VARBL													
CALM												33.8	
	31.3	24.6	9.6	1.2	.1	.1						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 1789

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 62-65,69-74 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	3.9	1.6	.4								9.4	4.5
NNE	1.8	.8	.3	.1								3.0	3.7
NE	1.7	.9	.7	.1								3.3	4.4
ENE	1.8	1.0	.1	.2								2.8	4.0
E	2.4	2.3	.7	.1								5.9	3.9
ESE	3.1	2.5	.5	.1								6.4	4.2
SE	2.7	3.4	1.0	.1	.1							7.3	4.6
SSE	2.0	1.3	.6									3.9	4.2
S	1.6	1.2	.8									3.7	4.5
SSW	.5	.5	.3									1.4	4.4
SW	.2	.2	.2									.6	4.5
WSW	.2	.2	.1									.5	4.7
W	.6	.6	.1	.1								1.1	4.3
WNW	.2	.3	.1									.7	4.3
NW	1.1	.2	.1									1.3	3.1
NNW	1.7	.8	.2	.1	.1							2.9	3.8
VARBL													
CALM												46.0	
	25.7	19.9	7.3	1.0	.2							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 1793

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.7	3.4	1.7	.5								10.5	4.7
NNE	1.0	.7	.4									2.1	4.2
NE	2.0	.8	.1									2.3	3.1
ENE	.8	.2	.1									1.0	3.1
E	2.1	.7	.1									2.8	2.9
ESE	1.5	1.7	.8	.1								4.1	4.7
SE	4.2	2.1	1.3	.1								7.6	4.1
SSE	1.1	1.5	.7	.2								3.4	5.2
S	1.4	1.3	.5									3.1	4.5
SSW	.4	.2	.2	.1								.9	4.8
SW	.4	.3	.1									.8	4.3
WSW	.5	.3	.1									.9	3.8
W	.7	.4	.2		.1							1.3	4.4
WNW	.5	.5	.	.1								1.7	4.5
NW	1.5	1.0	.4									2.9	4.1
NNW	2.4	1.1	.8	.2								4.6	4.7
VARBL													
CALM												49.5	
	25.3	16.2	7.7	1.1	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 1635

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,59-74	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.2	2.0	.4	.1							11.0	4.7
NNE	1.7	.8	.4									2.9	3.6
NE	1.9	.5	.2									2.8	3.3
ENE	.9	.2	.2									1.1	3.8
E	1.1	1.0	.3	.1								3.2	3.8
ESE	1.0	1.5	1.0	.2								4.3	5.1
SE	3.7	2.3	.7	.3								6.8	4.1
SSE	1.4	1.3	.5									3.2	4.5
S	1.4	1.4	.4	.1								3.3	4.4
SSW	.4	.1	.1									.6	3.8
SW	.1	.4										.5	4.0
WSW	.2	.5										.8	3.5
W	.4	.5	.2	.1								1.1	5.5
WNW	.8	.8	.3	.1								2.0	4.5
NW	1.7	1.0	.4									3.1	3.6
NNW	2.5	1.3	.3	.5	.1							5.5	5.1
VARBL													
CALM												47.7	
	25.8	17.3	7.7	1.6	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 1832

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 47-[illegible],59-74 (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	4.4	4.3	2.2	.8	.1							11.7	5.1
NNE	2.2	1.0	.9	.1								4.1	4.3
NE	2.3	.9	.9	.7	.1							4.0	4.4
ENE	1.1	.5	.2									1.9	3.7
E	2.0	1.4	.4	.1								3.9	3.9
ESE	1.7	2.0	1.1	.3								5.1	5.1
SE	4.2	3.1	1.7	.4								9.5	4.6
SSE	1.3	1.5	1.2	.2								4.1	5.1
S	1.3	1.7	.7	.1								4.3	4.5
SSW	.2	.6	.1									1.0	4.3
SW	.4	.4	.1									.9	3.6
WSW	.4	.3	.1			.1						.9	4.8
W	.3	.6	.4									1.3	4.9
WNW	.3	.7	.1	.1								1.7	4.1
NW	1.0	.8	.7									3.1	4.4
NNW	1.9	1.9	1.6	.3								5.6	5.2
VARBL													
CALM												36.5	
	27.7	21.7	11.7	2.3	.1	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 1833

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	3.9	3.5	1.4	.2							12.1	6.5
NNE	.9	2.1	1.1	.9	.1							5.1	6.8
NE	1.4	1.7	1.3	.7	.1							5.1	6.4
ENE	.9	.9	.8	.1								2.7	5.3
E	1.6	2.1	1.6	.2								5.7	5.3
ESE	1.2	2.5	1.7	.2								5.6	5.7
SE	2.2	3.5	2.7	1.0								9.4	6.1
SSE	1.9	2.8	2.7	.6								8.0	6.0
S	2.1	4.5	2.7	.7								10.0	5.9
SSW	1.3	1.6	.9	.1								3.9	5.0
SW	1.1	1.1	.4									2.6	4.4
WSW	1.4	.6	.3	.1								2.5	4.2
W	1.1	1.3	.8	.1	.1							3.3	5.5
WNW	.9	1.5	.9	.3								3.7	5.9
NW	.6	1.3	1.6	.6	.1							4.6	7.6
NNW	1.5	1.7	2.1	.3								5.7	5.9
VARBL													
CALM												9.0	
	23.6	33.3	25.4	7.4	.4							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1832

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (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	2.3	4.2	5.7	1.9	.1							14.4	6.9
NNE	1.3	1.1	2.3	.7								5.5	6.8
NE	1.4	1.3	1.3	.3								4.4	5.9
ENE	1.1	1.5	.4	.1								3.1	5.1
E	1.9	2.3	1.3	.1								5.5	4.8
ESE	.8	1.7	1.4	.3								4.1	6.0
SE	1.0	1.9	1.5	1.0								5.5	6.8
SSE	1.4	2.9	2.6	1.0								7.9	6.7
S	2.9	2.9	3.7	.5								9.6	5.9
SSW	1.3	1.8	1.4									4.5	5.3
SW	1.1	1.2	1.0	.4								3.6	6.1
WSW	.5	1.5	.9	.2								3.3	5.7
W	1.3	1.9	1.6	.3								4.7	6.1
WNW	1.5	1.3	1.1	.8	.2							4.8	6.6
NW	1.3	1.8	1.7	1.4	.1							6.3	7.4
NNW	1.4	2.9	3.5	.5	.1							8.5	6.8
VARBL													
CALM												4.3	
	22.3	31.7	31.7	9.7	.4							100.1	6.1

TOTAL NUMBER OF OBSERVATIONS 1832

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45, 59-74	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	6.0	5.7	1.6								16.3	6.4
NNE	1.8	1.6	1.1	.2								3.9	5.6
NE	1.3	1.4	1.0	.3								4.3	5.4
ENE	1.5	1.5	.4									3.4	4.1
E	1.7	3.2	.6									5.6	4.3
ESE	1.4	1.7	1.0									4.1	4.8
SE	1.9	2.6	1.6	.9								6.2	5.8
SSE	1.3	2.4	1.5	.5								5.8	5.9
S	3.3	3.7	2.3	.2								9.5	5.0
SSW	1.3	1.5	.4									3.3	4.2
SW	.9	.8	.8	.1								2.6	5.5
WSW	.6	1.3	.3	.1								2.3	5.1
W	1.6	1.7	.9	.1								4.3	4.8
WNW	.6	.9	1.6	.4								3.1	6.4
NW	1.7	1.9	1.9	.7	.1	.2						6.4	6.8
NNW	2.2	2.6	3.7	.8		.1						9.3	6.4
VARBL													
CALM												9.5	
	25.4	34.7	24.5	5.6	.1	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1633

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (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	3.5	3.0	2.5	.5		.1						10.6	5.2
NNE	1.4	1.2	.3									2.9	3.7
NE	1.5	1.3	.6									3.4	3.5
ENE	1.1	.5	.1									1.7	3.3
E	1.9	1.3	.2									3.3	3.5
ESE	2.2	1.7	.3									4.3	3.5
SE	3.4	3.8	1.1	.1	.2							8.6	4.5
SSE	1.5	1.3	.4	.2								3.6	4.7
S	1.4	.9	.1	.2								2.6	4.3
SSW	.4	.3	.2									.9	4.6
SW	.6	.8	.2									1.1	4.8
WSW	.2	.3	.1									.8	4.1
W	.5	.3	.1									.9	3.5
WNW	1.1	.4	.2									1.7	3.4
NW	1.6	1.7	.5	.2	.1	.1						4.9	5.7
NNW	2.1	1.9	1.5	.5	.2							6.1	5.8
VARBL													
CALM												42.5	
	25.0	21.7	6.2	2.0	.4	.1						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 1834

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JCT (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	4.0	3.5	1.6	.4	.1	.1						10.3	4.7
NNE	1.8	.9	.3	.1								2.9	3.9
NE	2.8	.3	.1									2.9	2.8
ENE	.6	.5										1.1	3.1
E	2.2	1.5	.2	.1								3.9	3.6
ESE	2.3	2.0	.6	.3								5.0	4.3
SE	4.3	3.2	1.0	.2								8.7	4.2
SSE	1.6	1.1	.8	.2								3.7	4.8
S	1.2	1.5	.5	.1								3.4	4.7
SSW	.4	.4	.1									.9	4.5
SW	.3	.5	.2									.8	4.8
WSW	.2	.3	.1									.7	4.5
W	.8	.3	.2									1.3	3.8
WNW	.4	.8	.1									1.5	3.7
NW	.9	1.0	.8	.1		.1						2.9	5.5
NNW	1.7	1.9	.5	.4								4.9	5.2
VARBL													
CALM												45.2	
	20.1	19.3	7.6	1.6	.1	.1						100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 1835

DATA PROCESSING BRANCH
(TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,53-74 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.6	2.2	2.0	.6	.1							8.7	5.1
NNE	1.3	.4	.4	.1								2.3	4.3
NE	.3	.3	.1									1.0	3.8
ENE	.2	.2	.1	.1								.6	5.5
E	1.2	.6	.2	.1								2.1	3.8
ESE	1.7	1.2	.5	.1								3.5	4.1
SE	2.8	2.4	1.2	.1	.1							6.6	4.5
SSE	1.1	2.0	1.0	.4	.2							5.3	6.7
S	1.8	3.1	2.8	1.1	.1							8.7	6.7
SSW	.3	.6	.6									1.6	6.2
SW	.7	.5	.3									1.5	4.0
WSW	.2	.3	.2									1.1	4.3
W	.6	1.1	.8	.1								3.0	5.2
WNW	1.1	1.2	.7	.3		.1						3.2	5.8
NW	1.3	1.3	1.0	.2	.1							4.2	5.5
NNW	1.5	.8	.8	.6	.1							3.8	6.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	42.9	
	20.9	18.4	13.9	3.7	.5	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 1879

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (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	3.1	3.5	1.9	.4	.2							9.0	5.2
NNE	.5	.7	.5	.1								2.0	4.6
NE	1.5	.2	.2									1.9	3.4
ENE	.2	.3	.1	.1								.7	5.1
E	.7	.5	.2	.1								2.0	4.7
ESE	2.1	1.1	.4									3.6	3.6
SE	3.1	2.7	1.3	.2	.1							7.6	4.4
SSE	1.8	2.2	1.8	.4								6.1	5.7
S	1.8	1.6	1.2	.6	.1							5.6	6.2
SSW	.7	.6	.5	.2								2.0	5.5
SW	.4	.4	.1									.7	4.7
WSW	.3	.3	.3	.1								1.1	4.9
W	1.4	1.5	.6	.1								3.6	4.7
WNW	1.3	1.1	1.0	.2		.1						3.6	5.5
NW	1.1	1.2	.9	.6	.1							3.8	6.4
NNW	1.5	1.7	1.1	.4	.2							4.9	5.2
VARBL													
CALM												41.9	
	22.1	19.9	12.2	3.3	.5	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 1882

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,56-74	NOV
STATION	STATION NAME	YEARS	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	4.0	3.5	2.0	.7	.1	.1						10.4	5.4
NNE	1.3	1.2	.3	.2								2.9	4.4
NE	1.2	.6	.3	.1								2.2	3.8
ENE	.8	.2										1.0	2.4
E	1.1	.6	.4	.1								2.2	4.3
ESE	2.1	1.1	.6	.1		.1						4.0	4.8
SE	3.3	3.1	1.4	.1								8.5	4.3
SSE	2.1	1.5	2.1	.3								6.4	5.4
S	1.8	2.2	2.9	.4	.1							7.3	6.1
SSW	.6	.4	.6	.1								1.7	5.2
SW	.7	.7	.4									1.8	4.4
WSW	.3	.4	.4									1.3	4.7
W	1.1	.3	.7									2.7	4.7
WNW	.7	1.4	.9	.1								3.0	5.5
NW	1.4	2.1	1.4	.6								5.5	5.8
NNW	1.3	1.5	1.3	.6								5.3	5.8
VARBL													
CALM												33.9	
	25.1	21.5	15.6	3.1	.2	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1818

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,58-74	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.8	4.0	1.5	.2	.1						11.4	7.4
NNE	1.1	1.7	1.1	.2	.2							4.7	5.4
NE	1.2	1.2	.7	.4								3.4	5.3
ENE	.7	.7	.7	.1								1.7	5.2
E	1.3	1.4	.8	.1								4.3	4.7
ESE	1.1	1.1	1.2	.1								3.4	5.8
SE	2.4	2.5	1.8	.4								6.8	5.5
SSE	1.4	2.6	2.9	1.2	.1							8.2	6.9
S	2.6	4.1	5.1	1.5	.1							14.3	6.7
SSW	1.2	1.2	1.1	.5	.1							4.1	6.4
SW	1.0	1.5	1.2	.2	.1							4.0	6.0
WSW	.5	.4	1.4	.2								2.2	6.3
W	1.4	1.2	1.1	.3								3.9	5.7
WNW	.7	1.2	1.5	.4								3.8	6.7
NW	.8	1.3	2.0	1.3	.2	.1						5.9	8.5
NNW	.9	1.6	2.1	1.1	.1	.1						5.7	7.6
VARBL													
CALM												12.9	
	20.4	27.6	29.3	9.2	.9	.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1881

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SER. ICE/MAC

4

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	4.6	4.4	1.3	.3							12.1	7.0
NNE	1.1	1.3	.5	.2	.1	.1						3.2	5.7
NE	1.2	1.1	.7	.1	.1							3.0	4.9
ENE	1.0	.7	.1									1.9	3.4
E	1.1	.7	.6	.1								2.4	4.7
ESE	.7	1.2	.3	.2								2.8	5.5
SE	1.2	1.9	1.7	.5								5.6	6.1
SSE	1.3	2.3	2.7	1.2	.1							7.6	7.2
S	.9	4.1	5.6	1.4	.3							13.4	7.3
SSW	.7	1.5	2.2	.6	.2							5.2	7.6
SW	.5	1.7	1.7	.6								4.5	7.0
WSW	.9	.7	1.2	.3		.1						3.1	6.8
W	1.1	1.8	2.3	.6								5.7	6.8
WNW	.8	1.5	2.0	.6		.1						4.9	7.6
NW	.7	1.5	3.3	1.5	.3							7.9	8.5
NNW	1.1	2.3	3.6	1.5	.3							8.8	8.1
VARBL													
CALM												7.8	
	17.1	29.1	34.5	10.9	1.5	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 1319

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13025	COLUMBUS AFB MISSISSIPPI	42-45,56-74	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	5.8	4.1	1.4	.1							13.8	6.4
NNE	1.2	.9	.2	.1	.1							2.5	4.3
NE	.4	.9	.6	.1								1.8	4.3
ENE	.5	.7	.3									1.9	3.9
E	1.1	1.1	.4									2.6	4.3
ESE	.4	1.2	.7	.6								2.8	5.7
SE	1.7	1.9	1.3	.4	.1							5.3	5.6
SSE	1.2	3.0	1.5	1.2								8.0	6.4
S	2.3	4.2	3.6	1.1								11.2	5.4
SSW	.4	1.2	1.4	.4	.4							3.8	6.8
SW	1.0	1.0	.7	.3								3.0	5.6
WSW	.7	1.0	.5	.3								2.4	5.9
W	1.4	2.0	1.4	.3								4.9	6.0
WNW	.3	1.8	2.9	.9	.1							5.5	7.2
NW	1.4	1.8	2.8	1.2	.3	.1						7.5	7.7
NNW	1.4	2.6	3.7	1.3	.3							9.2	7.5
VARBL													
CALM												13.8	
	20.4	30.7	25.3	9.9	.9	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1882

DATA PROCESSING BRANCH
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,58-74 (YEARS) JULY (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.[illegible]	4.2	3.3	.0								11.1	5.6
NNE	1.[illegible]	.7	.2	.1								2.5	4.0
NE	.9	.4	.2	.1								1.5	4.3
ENE	.1	.4										1.1	3.0
E	1.8	1.2	.4	.1								3.4	3.9
ESE	2.[illegible]	1.2	.0	.2								4.0	4.2
SE	7.9	4.4	1.1	.3								16.4	4.4
SSE	1.4	2.3	1.7	.3								5.7	6.0
S	1.9	2.5	1.5	.6	.2							6.7	5.2
SSW	.3	.5	.4									1.3	5.3
SW	.2	.8	.1									1.1	4.2
WSW	.5	.3	.4	.1								1.4	5.3
W	1.3	.7	.4	.1								2.2	4.6
WNW	.3	1.0	.4	.3	.1							3.5	5.9
NW	1.3	1.3	1.0	.2	.2	.1						4.9	5.5
NNW	1.4	2.1	1.9	.6								5.6	6.7
VARBL													
CALM												30.7	
	23.5	24.3	13.8	3.9	.4	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1874

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (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	3.1	3.3	2.2	.7								9.4	5.4
NNE	.4	.9	.3	.1								2.1	4.4
NE	1.1	.9	.6	.3								2.2	4.3
ENE	.4	.3	.1									.7	3.8
E	1.0	.7	.2									2.0	3.4
ESE	1.3	1.3	.3	.2								3.0	4.5
SE	3.4	3.0	.3	.4	.1							7.1	4.1
SSE	.9	2.3	1.4	.5	.1							5.1	6.6
S	1.3	3.0	2.0	1.5	.1							8.0	7.4
SSW	.4	.8	.3	.2								1.8	6.4
SW	.3	.4	.4	.1								1.2	5.6
WSW	.2	.4	.2	.1								1.0	4.9
W	1.1	1.0	.3	.1								2.7	4.8
WNW	1.0	1.2	.7	.1	.1							3.1	5.3
NW	1.3	1.1	.6	.3	.1							3.2	5.4
NNW	1.3	1.3	1.3	.5								4.4	6.2
VARBL													
CALM												41.2	
	20.0	21.7	12.3	4.6	.3							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1862

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,58-74	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	3.9	3.4	1.1		.1	.1					11.2	6.3
NNE	.9	1.2	1.0	.3								3.6	6.0
NE	.4	.7	.5									2.1	5.0
ENE	.4	.3	.1									.8	3.9
E	.8	1.2	.4	.1								2.7	5.3
ESE	1.2	.6	.4	.2								3.2	4.5
SE	2.6	2.1	1.3	.9	.1							7.9	5.9
SSE	1.9	2.5	2.2	1.1	.2							7.9	6.9
S	2.4	2.8	3.2	1.6	.2							10.2	6.6
SSW	.8	.9	.6									2.3	5.7
SW	.5	.5	.4	.1								1.5	5.1
WSW	.3	.3	.4	.1								1.4	4.5
W	.4	.7	.6	.1								2.4	5.2
WNW	.3	.8	1.4	.2								2.9	6.5
NW	1.2	1.3	1.3	.6	.1							4.6	6.6
NNW	.6	1.4	1.1	1.1	.2							4.7	8.0
VARBL													
CALM												31.0	
	12.1	21.5	20.5	6.8	.7	.1	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1942

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13925	COLUMBUS AFB MISSISSIPPI	42-45,56-74	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	4.0	3.5	.7	.1	.2						10.5	6.4
NNE	1.3	1.4	.6	.3								4.0	5.6
NE	1.3	.8	.5	.1								2.6	4.8
ENE	.8	.5	.1	.1								1.4	4.1
E	.9	.9	.3	.3								2.8	5.6
ESE	1.5	1.0	.6	.1	.1							3.3	4.7
SE	2.5	1.3	1.7	.7	.1							6.3	5.8
SSE	.4	1.6	2.5	.7	.2							6.4	7.2
S	2.3	3.1	2.3	.7	.1	.1						8.5	6.0
SSW	.9	.8	1.1	.1								2.9	5.8
SW	.4	.4	.5	.1	.1							1.3	5.7
WSW	.2	.3	.4	.1								1.2	6.2
W	.7	.9	.9	.2	.1							2.7	6.2
WNW	1.1	.7	1.0	.5								3.3	6.4
NW	.7	1.0	1.4	.6	.2							4.1	7.4
NNW	1.8	2.2	1.7	1.3								6.8	7.0
VARBL													
CALM												31.9	
	20.0	21.3	19.4	6.5	.8	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1934

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

4

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (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	2.1	5.0	3.9	.6	.1	.1						11.8	6.2
NNE	1.1	1.8	.6	.3	.1							4.1	5.3
NE	.8	.7	.2	.1	.1							2.1	5.4
ENE	.5	.6	.4									1.5	4.8
E	.9	.9	.3	.1	.1							2.6	5.0
ESE	1.7	2.1	1.3	.4	.1							5.3	5.5
SE	3.0	2.4	1.5	.8	.1							7.9	5.7
SSE	2.2	2.4	2.2	.8	.1							7.7	6.1
S	2.3	2.2	1.5	.8	.1							7.1	6.0
SSW	.7	.6	.7	.2								2.2	5.7
SW	.3	.7	.4	.1								1.8	4.8
WSW	.3	.4	.4	.1								1.2	6.1
W	1.0	1.0	.3	.1	.1							3.1	5.9
WNW	.6	.9	1.2	.7								3.5	6.8
NW	1.0	1.4	1.8	.3		.1						4.4	6.4
NNW	1.4	1.9	2.3	1.0								6.6	6.8
VARBL													
CALM												27.4	
	20.4	25.2	20.3	6.0	.7	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1941

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.8	4.2	1.4	.2	.1						11.7	6.9
NNE	.3	2.0	1.9	.5	.1							5.3	6.6
NE	.8	1.4	1.2	.2								3.5	5.8
ENE	.4	1.1	.5	.1								2.1	5.5
E	.3	1.3	.3	.1								2.8	5.7
ESE	.3	2.0	1.3	.3		.1						4.4	6.3
SE	1.3	2.8	2.9	.7								8.1	6.4
SSE	1.9	2.6	3.0	1.3	.3							9.1	7.0
S	1.3	3.8	3.8	2.0	.1							11.3	7.3
SSW	1.2	.9	1.4	.4								4.0	6.0
SW	.4	.9	.7	.2								2.4	6.1
WSW	.9	.6	1.0	.1								2.2	6.3
W	.8	.9	1.8	1.3	.1							4.4	8.4
WNW	.9	1.2	1.5	.7	.1							4.4	7.3
NW	.7	1.0	2.5	1.1	.1							5.4	8.3
NNW	.7	1.3	3.0	1.3	.2							7.1	8.4
VARBL													
CALM												11.8	
	15.8	27.8	32.2	11.3	1.0	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 1949

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (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	3.2	4.4	1.5	.1							10.6	7.6
NNE	.6	1.1	1.5	.4								3.5	7.0
NE	.3	.9	1.0	.1								2.5	6.0
ENE	.6	1.1	.5									2.4	4.7
E	1.1	.9	.7	.2								2.9	5.5
ESE	.6	.8	.9	.2								2.5	6.3
SE	1.3	2.0	2.3	.6	.1							6.4	6.7
SSE	1.3	2.3	3.1	1.0	.2	.1						8.1	7.3
S	2.1	3.1	1.2	2.3	.1	.1						11.9	7.6
SSW	1.2	1.7	2.4	.9	.1	.1						5.5	7.4
SW	.8	1.3	1.4	.6	.1		.1					4.6	7.7
WSW	.9	1.1	1.0	.4	.1							3.5	6.1
W	.8	1.5	2.4	1.4	.2							6.1	7.9
WNW	.8	1.6	2.3	1.2	.3							6.2	8.3
NW	.8	1.4	3.2	1.6	.2	.1						7.3	8.6
NNW	.7	2.3	3.1	1.6	.1	.1						8.1	8.1
VARBL													
CALM												8.4	
	15.8	25.8	34.6	13.5	1.3	.4	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1944

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

SURFACE WINDS

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

13825	COLUMBUS AFB MISSISSIPPI	42-45,58-74	JE
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.7	3.9	1.4		.1						10.8	6.8
NNE	.6	.9	1.0	.1								2.7	6.1
NE	1.2	.9	.7	.3								3.0	5.3
ENE	.6	.7	.2	.1								1.6	4.3
E	1.2	1.1	.8	.4								3.1	5.4
ESE	1.0	1.3	.8	.2		.1						3.3	5.7
SE	1.2	1.8	2.2	1.0	.1							6.4	7.0
SSE	1.4	3.0	3.1	1.1	.1	.2						8.9	7.2
S	2.0	3.4	2.5	1.1	.2							9.2	6.6
SSW	1.2	1.6	1.1	.4								4.3	5.7
SW	.6	.9	.7	.2								2.6	6.2
WSW	1.0	.8	.8	.3								2.9	5.8
W	1.2	2.0	2.2	.3	.1							5.7	6.3
WNW	.6	1.1	1.9	1.0	.2							4.9	7.9
NW	1.8	2.3	2.3	1.0	.4	.1						7.9	7.4
NNW	1.5	2.9	3.3	2.2	.1							10.0	7.5
VARBL													
CALM												12.6	
	19.4	28.3	27.7	10.7	1.0	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1948

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.4	2.7	1.3	.1							9.2	6.8
NNE	.3	.8	.7	.2	.1							3.2	5.6
NE	.4	.8	.5	.2								2.6	4.9
ENE	.3	.7	.3	.2	.1							2.0	5.1
E	.4	.9	.4	.1	.1							2.8	4.2
ESE	1.1	1.7	.8	.2								4.2	4.7
SE	2.3	3.6	1.7	.5	.2							8.8	5.9
SSE	1.1	2.6	2.3	.9	.3							7.8	6.8
S	.7	1.9	1.1	.6	.3	.1						5.6	6.4
SSW	.3	1.0	.4	.1								2.0	5.6
SW	.3	.7	.4	.1								1.5	5.0
WSW	.3	.8	.3	.1								1.3	5.1
W	1.2	1.0	.7	.2								3.3	5.3
WNW	.8	1.1	.5	.3	.1							3.3	6.4
NW	1.4	1.5	1.2	1.1	.1							5.3	6.7
NNW	1.1	2.4	2.3	1.8	.4							7.8	7.7
VARBL													
CALM												29.1	
	20.1	24.3	16.9	7.9	1.3	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13865 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,50-74 (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	2.4	4.2	3.8	.9	.1							11.4	6.3
NNE	.7	1.0	1.1	.2								3.0	6.0
NE	1.1	.9	.6	.1								2.7	4.9
ENE	.7	.6	.4		.1							1.8	5.4
E	.7	.9	.3	.1								2.1	4.4
ESE	1.0	1.0	.3	.1	.1							3.4	5.0
SE	3.6	2.4	2.2	.8	.3		.1					9.2	6.2
SSE	2.0	2.1	1.7	.5	.2	.1						7.0	6.7
S	2.0	2.1	2.5	.8	.2							8.0	5.7
SSW	.5	1.0	.6	.1								2.8	5.4
SW	.5	.4	.2									1.0	4.6
WSW	.3	.2	.3									.9	4.9
W	.8	.8	.5	.1		.1						2.2	5.5
WNW	.8	.9	1.3	.6								3.3	6.9
NW	1.0	1.8	1.5	1.2	.1							5.6	7.3
NNW	1.3	.9	1.7	1.4	.2							5.1	8.4
VARBL													
CALM												30.6	
	19.9	21.2	19.8	7.1	1.2	.1	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1936

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13625	COLUMBUS AFB MISSISSIPPI	42-46,58-74	ALL
STATION	STATION NAME	YEARS	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	2.4	3.7	4.2	1.7	.2	.0	.0					12.2	7.1
NNE	1.1	1.2	1.4	.4	.1							4.2	6.5
NE	1.2	1.0	.7	.2	.0							3.0	5.2
ENE	.7	.9	.9	.1	.0							2.7	5.1
E	1.4	1.5	1.1	.3	.0		.0					4.2	5.5
ESE	1.8	1.0	1.5	.5	.1	.0						4.7	6.3
SE	1.9	2.4	2.1	.7	.1	.0	.0					7.2	6.2
SSE	1.8	2.9	2.9	1.0	.1	.0						8.1	6.3
S	2.3	3.8	2.9	1.1	.1	.0						10.8	6.5
SSW	.9	1.1	1.1	.2	.0	.0						3.3	6.2
SW	.6	.7	.5	.1	.0	.0						2.0	5.4
WSW	.5	.5	.6	.1	.0	.0						1.8	6.4
W	.8	1.0	1.0	.4	.1	.0						3.3	6.9
WNW	.6	1.0	1.4	.7	.1	.0						3.9	7.7
NW	.9	1.2	1.9	1.1	.2	.0						5.3	8.2
NNW	1.3	2.0	2.9	1.7	.3	.0						8.4	8.0
VARBL													
CALM												15.3	
	19.4	26.2	27.2	10.2	1.4	.3	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 18941

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

S74-29963

ADDITIONAL EXAMPLES

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

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

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

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

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

874-29964

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13865 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-66,68-74 YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.4	49.7	51.2	52.4	53.3	53.5	53.9	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.5	54.6
≥ 20000	61.1	57.4	59.5	61.0	62.0	62.2	62.6	62.9	62.9	63.1	63.1	63.1	63.2	63.2	63.3	63.4
≥ 16000	41.3	57.3	59.8	61.3	62.3	62.5	63.0	63.2	63.3	63.4	63.4	63.4	63.5	63.5	63.6	63.7
≥ 10000	41.5	57.7	60.2	61.7	62.8	62.9	63.4	63.6	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.1
≥ 14000	42.2	58.7	61.2	62.8	63.8	64.0	64.5	64.7	64.8	64.9	64.9	64.9	65.0	65.0	65.1	65.2
≥ 12000	43.5	60.7	63.4	65.0	66.1	66.3	66.7	67.0	67.0	67.1	67.2	67.2	67.2	67.3	67.4	67.5
≥ 10000	44.9	63.0	65.7	67.3	68.5	68.7	69.2	69.4	69.5	69.6	69.7	69.7	69.7	69.8	69.8	69.9
≥ 9000	45.4	63.6	66.4	68.0	69.2	69.4	69.9	70.1	70.2	70.3	70.4	70.4	70.4	70.5	70.5	70.6
≥ 8000	46.3	65.2	68.0	69.7	70.9	71.1	71.6	71.8	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.3
≥ 7000	47.1	66.3	69.2	71.0	72.2	72.4	72.9	73.2	73.2	73.4	73.4	73.4	73.5	73.5	73.6	73.7
≥ 6600	47.3	67.5	70.4	72.2	73.5	73.7	74.2	74.5	74.5	74.7	74.7	74.7	74.8	74.8	74.9	75.0
≥ 5000	48.2	68.8	72.0	73.7	75.2	75.4	75.8	76.2	76.3	76.4	76.5	76.5	76.6	76.6	76.7	76.8
≥ 4500	49.2	70.0	73.2	75.1	76.4	76.7	77.2	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.9	78.0
≥ 4000	49.9	71.3	74.6	76.5	77.9	78.2	78.7	79.0	79.1	79.2	79.3	79.3	79.4	79.4	79.5	79.6
≥ 3500	50.5	72.4	75.8	77.8	79.3	79.5	80.1	80.4	80.5	80.6	80.6	80.7	80.7	80.8	80.8	80.9
≥ 3000	51.5	74.1	77.6	79.7	81.3	81.5	82.1	82.4	82.5	82.6	82.7	82.7	82.8	82.8	82.9	83.0
≥ 2500	52.5	76.1	79.7	82.0	83.5	83.8	84.4	84.7	84.8	85.0	85.0	85.0	85.1	85.2	85.2	85.3
≥ 2000	53.5	78.1	81.8	84.2	85.9	86.2	86.8	87.2	87.3	87.4	87.5	87.5	87.6	87.6	87.7	87.8
≥ 1800	53.8	78.6	82.5	84.9	86.6	86.9	87.6	87.9	88.0	88.2	88.2	88.2	88.3	88.4	88.4	88.5
≥ 1500	54.4	80.1	84.1	86.7	88.5	88.8	89.5	89.8	90.0	90.1	90.2	90.2	90.3	90.3	90.4	90.5
≥ 1200	54.8	81.2	85.4	88.1	90.0	90.4	91.1	91.5	91.6	91.8	91.8	91.9	91.9	92.0	92.1	92.2
≥ 1000	55.1	82.2	86.5	89.3	91.4	91.8	92.5	93.0	93.1	93.3	93.4	93.4	93.5	93.5	93.6	93.7
≥ 900	55.2	82.6	87.0	89.9	92.1	92.5	93.3	93.8	93.9	94.0	94.1	94.1	94.2	94.3	94.4	94.5
≥ 800	55.4	83.1	87.5	90.6	92.9	93.3	94.2	94.7	94.8	95.0	95.1	95.1	95.2	95.3	95.3	95.5
≥ 700	55.4	83.4	88.1	91.1	93.5	94.0	95.0	95.5	95.6	95.8	95.9	95.9	96.0	96.1	96.1	96.3
≥ 600	55.5	83.7	88.5	91.7	94.2	94.7	95.7	96.3	96.4	96.6	96.3	96.8	96.9	96.9	97.0	97.1
≥ 500	55.5	83.9	88.8	92.1	94.8	95.3	96.5	97.1	97.3	97.5	97.7	97.7	97.8	97.8	97.9	98.0
≥ 400	55.5	84.1	89.0	92.4	95.1	95.7	97.1	97.7	97.9	98.2	98.3	98.4	98.5	98.5	98.6	98.8
≥ 300	55.5	84.1	89.0	92.5	95.3	95.9	97.3	98.1	98.3	98.7	98.8	98.9	99.0	99.1	99.2	99.3
≥ 200	55.5	84.1	89.1	92.5	95.4	96.0	97.4	98.3	98.5	98.9	99.1	99.1	99.3	99.4	99.5	99.7
≥ 100	55.5	84.1	89.1	92.5	95.4	96.0	97.4	98.3	98.5	98.9	99.1	99.2	99.4	99.5	99.7	99.9
0	55.5	84.1	89.1	92.5	95.4	96.0	97.4	98.3	98.5	98.9	99.1	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 174520

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

1-6825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.9	38.1	39.2	40.2	40.9	41.0	41.5	41.6	41.7	41.9	41.9	41.9	42.0	42.0	42.1	42.3
≥ 20000	34.8	43.3	44.6	46.0	46.9	47.1	47.6	47.7	47.8	48.0	48.1	48.1	48.2	48.2	48.3	48.5
≥ 18000	35.1	44.1	45.3	46.5	47.4	47.5	48.0	48.2	48.2	48.4	48.5	48.5	48.6	48.6	48.7	48.9
≥ 16000	35.5	44.4	45.7	46.9	47.8	48.0	48.4	48.6	48.6	48.8	48.9	48.9	49.0	49.0	49.1	49.3
≥ 14000	36.1	45.3	46.7	47.8	48.8	49.0	49.5	49.6	49.7	49.9	50.0	50.0	50.1	50.1	50.1	50.4
≥ 12000	37.1	46.8	48.1	49.4	50.5	50.7	51.2	51.4	51.4	51.6	51.7	51.7	51.8	51.8	51.9	52.1
≥ 10000	38.4	48.6	50.0	51.4	52.5	52.7	53.3	53.4	53.5	53.7	53.7	53.8	53.8	53.9	53.9	54.2
≥ 9000	38.8	49.3	50.7	52.1	53.2	53.4	54.0	54.1	54.2	54.4	54.5	54.5	54.6	54.6	54.7	54.9
≥ 8000	39.7	50.7	52.2	53.6	54.8	55.0	55.6	55.7	55.8	56.0	56.1	56.1	56.2	56.2	56.3	56.5
≥ 7000	40.5	52.0	53.6	55.1	56.4	56.6	57.1	57.3	57.4	57.6	57.6	57.6	57.7	57.7	57.8	58.1
≥ 6000	41.8	53.3	54.9	56.5	57.8	58.0	58.6	58.7	58.8	59.0	59.1	59.1	59.2	59.2	59.3	59.5
≥ 5000	42.3	53.9	55.6	57.2	58.5	58.9	59.5	59.7	59.9	60.2	60.3	60.3	60.4	60.4	60.5	60.8
≥ 4500	43.3	55.0	56.8	58.5	59.9	60.1	60.7	60.9	61.1	61.4	61.5	61.5	61.6	61.6	61.7	62.0
≥ 4000	43.7	55.4	57.2	58.9	60.3	60.5	61.1	61.3	61.5	61.8	61.9	61.9	62.0	62.0	62.1	62.4
≥ 3500	44.9	56.6	58.5	60.3	61.7	62.0	62.5	62.7	62.8	63.0	63.1	63.1	63.2	63.2	63.3	63.5
≥ 3000	45.3	57.1	58.9	60.7	62.1	62.4	62.9	63.1	63.2	63.4	63.5	63.5	63.6	63.6	63.7	63.9
≥ 2500	46.8	58.9	60.8	62.6	64.0	64.3	64.8	65.0	65.1	65.3	65.4	65.4	65.5	65.5	65.6	65.8
≥ 2000	47.7	60.0	61.9	63.7	65.1	65.4	65.9	66.1	66.2	66.4	66.5	66.5	66.6	66.6	66.7	67.0
≥ 1800	48.2	60.5	62.4	64.2	65.6	65.9	66.4	66.6	66.7	66.9	67.0	67.0	67.1	67.1	67.2	67.4
≥ 1500	49.3	61.7	63.6	65.4	66.8	67.1	67.6	67.8	67.9	68.1	68.2	68.2	68.3	68.3	68.4	68.6
≥ 1200	49.5	62.0	63.9	65.7	67.1	67.4	67.9	68.1	68.2	68.4	68.5	68.5	68.6	68.6	68.7	68.9
≥ 1000	49.9	62.5	64.4	66.2	67.6	67.9	68.4	68.6	68.7	68.9	69.0	69.0	69.1	69.1	69.2	69.4
≥ 900	50.1	62.8	64.7	66.5	67.9	68.2	68.7	68.9	69.0	69.2	69.3	69.3	69.4	69.4	69.5	69.7
≥ 800	50.2	63.0	64.9	66.7	68.1	68.4	68.9	69.1	69.2	69.4	69.5	69.5	69.6	69.6	69.7	69.9
≥ 700	50.3	63.2	65.1	66.9	68.3	68.6	69.1	69.3	69.4	69.6	69.7	69.7	69.8	69.8	69.9	70.1
≥ 600	50.4	63.3	65.2	67.0	68.4	68.7	69.2	69.4	69.5	69.7	69.8	69.8	69.9	69.9	70.0	70.2
≥ 500	50.4	63.4	65.3	67.1	68.5	68.8	69.3	69.5	69.6	69.8	69.9	69.9	70.0	70.0	70.1	70.3
≥ 400	50.4	63.4	65.3	67.1	68.5	68.8	69.3	69.5	69.6	69.8	69.9	69.9	70.0	70.0	70.1	70.3
≥ 300	50.4	63.4	65.3	67.1	68.5	68.8	69.3	69.5	69.6	69.8	69.9	69.9	70.0	70.0	70.1	70.3
≥ 200	50.4	63.4	65.3	67.1	68.5	68.8	69.3	69.5	69.6	69.8	69.9	69.9	70.0	70.0	70.1	70.3
≥ 100	50.4	63.4	65.3	67.1	68.5	68.8	69.3	69.5	69.6	69.8	69.9	69.9	70.0	70.0	70.1	70.3
0	50.4	63.4	65.3	67.1	68.5	68.8	69.3	69.5	69.6	69.8	69.9	69.9	70.0	70.0	70.1	70.3

TOTAL NUMBER OF OBSERVATIONS 14463

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13845 STATION | COLUMBUS AFB STATION NAME | MISSISSIPPI | 63-66,69-74 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.7	41.7	42.7	43.8	44.4	44.6	44.8	44.9	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1
≥ 20000	38.8	47.2	49.0	50.1	50.9	51.1	51.4	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.7	51.8
≥ 18000	38.7	46.1	49.3	50.5	51.3	51.5	51.7	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.1
≥ 16000	38.8	48.5	49.8	50.9	51.6	51.9	52.2	52.3	52.4	52.4	52.4	52.4	52.5	52.5	52.6	52.6
≥ 14000	40.1	49.0	50.9	52.0	52.9	53.0	53.3	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.7	53.7
≥ 12000	41.3	51.3	52.5	53.8	54.6	54.8	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.5
≥ 10000	42.0	53.5	54.8	56.1	56.9	57.1	57.3	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.8	57.8
≥ 9000	43.3	54.1	55.5	56.7	57.6	57.7	58.0	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.5	58.5
≥ 8000	44.3	55.9	57.2	58.5	59.4	59.6	59.9	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.4
≥ 7000	44.4	57.2	58.7	60.1	61.0	61.2	61.5	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.9	61.9
≥ 6000	46.1	58.7	60.3	61.8	62.7	62.9	63.3	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.8
≥ 5000	47.5	60.6	62.2	63.9	65.0	65.3	65.7	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.2	66.2
≥ 4500	48.3	61.3	63.5	65.2	66.4	66.6	67.0	67.2	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5
≥ 4000	49.4	63.2	65.1	66.9	68.2	68.4	68.9	69.1	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.5
≥ 3500	50.1	64.7	66.7	68.6	69.9	70.2	70.6	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2
≥ 3000	51.6	67.1	69.1	71.2	72.7	73.0	73.5	73.8	73.9	74.0	74.1	74.0	74.1	74.1	74.2	74.2
≥ 2500	53.4	70.2	72.3	74.7	76.4	76.8	77.4	77.7	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.1
≥ 2000	54.6	72.3	75.4	77.9	79.8	80.2	80.9	81.2	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.7
≥ 1800	54.9	73.6	76.3	78.8	80.6	81.2	81.9	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.7	82.7
≥ 1500	55.1	75.5	78.2	81.2	83.2	83.8	84.6	85.0	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.5
≥ 1200	56.1	77.0	80.1	83.2	85.6	86.0	87.0	87.4	87.5	87.6	87.7	87.7	87.8	87.8	87.9	87.9
≥ 1000	56.3	78.4	81.8	85.2	87.9	88.4	89.6	90.0	90.1	90.2	90.3	90.3	90.4	90.4	90.5	90.5
≥ 900	56.9	79.3	82.5	85.9	88.8	89.3	90.5	91.0	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.6
≥ 600	57.1	79.5	84.2	86.9	90.0	90.6	91.9	92.4	92.6	92.7	92.8	92.8	93.0	93.0	93.0	93.1
≥ 700	57.1	80.0	83.8	87.7	91.1	91.7	93.1	93.7	93.8	94.0	94.1	94.1	94.3	94.3	94.3	94.4
≥ 600	57.1	80.5	84.5	88.5	92.1	92.8	94.3	94.9	95.1	95.3	95.5	95.5	95.6	95.6	95.7	95.8
≥ 500	57.2	80.5	85.0	89.2	93.0	93.8	95.4	96.2	96.4	96.7	96.9	96.9	97.1	97.1	97.2	97.2
≥ 400	57.2	80.9	85.2	89.6	93.6	94.4	96.2	97.1	97.3	97.7	97.9	98.0	98.2	98.2	98.3	98.3
≥ 300	57.3	81.0	85.3	89.7	93.8	94.7	96.6	97.5	97.8	98.3	98.5	98.6	98.8	98.9	99.0	99.1
≥ 200	57.3	81.0	85.3	89.7	93.8	94.8	96.8	97.8	98.0	98.6	98.8	99.0	99.2	99.3	99.5	99.6
≥ 100	57.3	81.0	85.3	89.7	93.8	94.8	96.8	97.8	98.1	98.7	99.1	99.1	99.5	99.6	99.8	100.0
0	57.3	81.0	85.3	89.7	93.8	94.8	96.8	97.8	98.1	98.7	99.1	99.1	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 13017

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13425 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.1	45.5	47.0	48.1	48.8	48.8	49.0	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.4	49.4
≥ 20000	42.9	51.7	53.5	54.8	55.7	55.8	55.9	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.3	56.4
≥ 18000	43.1	51.9	53.7	55.1	55.9	56.0	56.2	56.3	56.3	56.4	56.4	56.4	56.5	56.5	56.6	56.6
≥ 16000	43.3	52.1	54.2	55.5	56.4	56.5	56.6	56.7	56.8	56.8	56.8	56.8	56.9	56.9	57.0	57.0
≥ 14000	43.9	53.1	54.9	56.3	57.1	57.2	57.4	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.8	57.8
≥ 12000	44.1	54.1	56.2	57.6	58.4	58.5	58.7	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.1	59.1
≥ 10000	45.9	55.8	57.9	59.4	60.3	60.4	60.6	60.7	60.8	60.8	60.8	60.8	60.9	60.9	61.0	61.0
≥ 9000	46.4	56.9	58.6	60.1	61.0	61.2	61.3	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.7	61.8
≥ 8000	47.9	58.5	60.7	62.3	63.3	63.4	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.9	64.0	64.0
≥ 7000	49.3	60.1	62.6	64.3	65.3	65.5	65.6	65.8	65.8	65.8	65.8	65.9	65.9	66.0	66.0	66.1
≥ 6000	50.7	61.7	64.2	65.9	67.1	67.2	67.4	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.8	67.8
≥ 5000	51.3	62.5	66.5	68.3	69.5	69.7	69.9	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.3	70.3
≥ 4500	52.8	65.5	68.2	70.1	71.4	71.5	71.7	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.2
≥ 4000	54.3	67.4	70.2	72.2	73.5	73.7	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.3	74.4
≥ 3500	54.9	68.7	71.7	73.8	75.1	75.3	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.9	75.9	76.0
≥ 3000	56.1	70.7	73.8	76.0	77.5	77.6	77.9	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.4
≥ 2500	57.5	73.1	76.5	78.9	80.4	80.6	80.9	81.1	81.1	81.1	81.2	81.2	81.3	81.3	81.4	81.4
≥ 2000	59.0	75.2	79.0	82.1	83.9	84.1	84.4	84.6	84.7	84.7	84.8	84.8	84.9	84.9	85.0	85.1
≥ 1800	59.4	76.0	80.4	83.0	84.8	85.0	85.4	85.6	85.6	85.7	85.8	85.9	85.9	85.9	86.0	86.0
≥ 1500	60.3	78.3	82.8	85.6	87.6	87.8	88.3	88.5	88.5	88.6	88.7	88.7	88.8	88.8	88.9	88.9
≥ 1200	61.0	80.7	84.9	87.6	90.0	90.2	90.8	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.4	91.5
≥ 1000	61.4	82.0	86.5	89.6	92.1	92.4	93.0	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.8	93.9
≥ 900	61.5	82.5	87.0	90.2	92.8	93.2	93.9	94.2	94.3	94.4	94.5	94.5	94.6	94.6	94.7	94.8
≥ 800	61.7	83.1	87.9	91.2	93.9	94.4	95.2	95.6	95.7	95.8	95.9	95.9	96.0	96.0	96.1	96.2
≥ 700	61.8	83.5	88.3	91.7	94.6	95.1	96.0	96.5	96.5	96.7	96.8	96.8	96.8	96.9	97.0	97.0
≥ 500	61.9	83.8	88.8	92.4	95.3	95.7	96.7	97.2	97.3	97.4	97.5	97.6	97.6	97.7	97.8	97.8
≥ 500	61.9	84.0	89.0	92.6	95.7	96.2	97.3	97.8	97.9	98.1	98.2	98.3	98.4	98.4	98.5	98.5
≥ 400	62.0	84.1	89.1	92.9	96.0	96.6	97.8	98.4	98.5	98.8	98.9	99.0	99.1	99.1	99.2	99.3
≥ 300	61.9	84.1	89.2	93.0	96.2	96.7	97.9	98.6	98.7	99.0	99.2	99.2	99.3	99.4	99.5	99.6
≥ 200	61.9	84.1	89.2	93.0	96.2	96.7	98.0	98.6	98.8	99.0	99.2	99.3	99.3	99.6	99.7	99.8
≥ 100	61.9	84.1	89.2	93.0	96.2	96.8	98.0	98.7	98.8	99.1	99.3	99.4	99.4	99.6	99.8	99.9
0	62.0	84.1	89.2	93.0	96.2	96.8	98.0	98.7	98.8	99.1	99.3	99.4	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 14724

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13925 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-74 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	38.8 45.7	50.0 59.1	51.9 61.4	52.8 62.6	53.3 63.2	53.4 63.3	53.6 63.5	53.7 63.6	53.7 63.6	53.7 63.6	53.8 63.7	53.8 63.7	53.8 63.7	53.8 63.7	53.8 63.7	53.8 63.8
≥ 18000 ≥ 16000	40.0 48.2	59.5 59.7	61.9 62.2	63.0 63.4	63.7 64.0	63.8 64.1	63.9 64.3	64.0 64.4	64.1 64.4	64.1 64.5	64.1 64.5	64.1 64.5	64.2 64.5	64.2 64.5	64.2 64.6	64.2 64.6
≥ 14000 ≥ 12000	40.8 47.3	60.8 62.4	63.3 65.0	64.4 66.2	65.1 67.0	65.2 67.1	65.3 67.2	65.5 67.3	65.5 67.4	65.5 67.4	65.6 67.4	65.6 67.4	65.6 67.5	65.6 67.5	65.6 67.5	65.6 67.5
≥ 10000 ≥ 9000	42.0 50.2	64.0 65.9	67.4 68.1	68.6 69.3	69.4 70.1	69.5 70.2	69.7 70.4	69.8 70.5	69.8 70.5	69.9 70.6	69.9 70.6	69.9 70.6	69.9 70.6	70.0 70.6	70.0 70.7	70.0 70.7
≥ 8000 ≥ 7000	51.0 51.8	66.9 68.1	69.6 71.0	70.9 72.3	71.7 73.1	71.8 73.2	72.0 73.4	72.1 73.5	72.1 73.5	72.2 73.6	72.2 73.6	72.2 73.6	72.2 73.6	72.3 73.6	72.3 73.7	72.3 73.7
≥ 6000 ≥ 5000	52.7 53.8	69.6 71.0	72.5 74.8	73.9 76.3	74.7 77.1	74.8 77.3	75.0 77.4	75.1 77.5	75.1 77.6	75.2 77.6	75.2 77.7	75.2 77.7	75.3 77.7	75.3 77.7	75.3 77.7	75.3 77.8
≥ 4500 ≥ 4000	54.8 55.9	73.1 74.4	76.4 78.1	77.9 79.7	78.8 80.7	78.9 80.8	79.1 81.0	79.2 81.1	79.2 81.1	79.3 81.2	79.3 81.3	79.3 81.3	79.3 81.3	79.4 81.3	79.4 81.3	79.4 81.3
≥ 3500 ≥ 3000	56.3 56.3	75.7 77.5	79.4 81.3	81.0 83.2	82.1 84.3	82.2 84.5	82.5 84.7	82.6 84.9	82.6 84.9	82.7 84.9	82.7 85.1	82.7 85.2	82.8 85.0	82.8 85.0	82.8 85.1	82.8 85.1
≥ 2500 ≥ 2000	58.1 59.3	79.7 81.4	83.7 85.8	85.6 87.9	86.8 89.2	87.0 89.3	87.2 89.6	87.4 89.8	87.4 89.8	87.5 89.9	87.5 89.9	87.5 89.9	87.5 90.0	87.6 90.0	87.6 90.0	87.6 90.0
≥ 1800 ≥ 1500	59.3 60.0	82.5 84.2	86.7 88.5	88.7 90.7	90.1 92.1	90.2 92.3	90.5 92.7	90.7 92.9	90.7 92.9	90.8 93.0	90.8 93.1	90.8 93.0	90.9 93.0	90.9 93.0	90.9 93.1	90.9 93.1
≥ 1200 ≥ 1000	60.4 60.7	85.2 86.1	89.8 90.9	92.0 93.2	93.6 94.9	93.8 95.1	94.2 95.5	94.4 95.7	94.4 95.7	94.5 95.8	94.5 95.9	94.5 95.9	94.6 95.9	94.6 95.9	94.6 95.9	94.6 96.0
≥ 900 ≥ 800	60.9 61.3	86.9 86.8	91.3 91.9	93.7 94.3	95.4 96.1	95.7 96.4	96.1 96.8	96.3 97.1	96.3 97.2	96.4 97.3	96.5 97.3	96.5 97.3	96.5 97.4	96.5 97.4	96.6 97.4	96.6 97.4
≥ 700 ≥ 600	61.0 61.1	87.1 87.4	92.3 92.7	94.8 95.2	96.7 97.2	97.0 97.5	97.5 98.1	97.8 98.4	97.8 98.4	98.0 98.6	98.0 98.6	98.0 98.6	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7
≥ 500 ≥ 400	61.2 61.2	87.6 87.6	92.9 93.0	95.5 95.6	97.5 97.7	97.8 98.1	98.4 98.7	98.7 99.1	98.8 99.1	99.0 99.3	99.0 99.4	99.0 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.5
≥ 300 ≥ 200	61.2 61.2	87.7 87.7	93.0 93.0	95.7 95.7	97.8 97.8	98.2 98.2	98.8 98.9	99.2 99.3	99.3 99.3	99.5 99.5	99.5 99.6	99.5 99.6	99.6 99.7	99.6 99.7	99.7 99.8	99.7 99.9
≥ 100 0	61.2 61.2	87.7 87.7	93.0 93.0	95.7 95.7	97.8 97.8	98.2 98.2	98.9 98.9	99.3 99.3	99.3 99.3	99.5 99.5	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.8 99.8	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 14273

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

1×625 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 62-66,69-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.5	55.1	57.3	58.3	58.8	59.0	59.2	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6
≥ 20000	47.7	65.2	67.6	68.7	69.3	69.6	69.8	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 18000	47.9	65.5	68.0	69.1	69.7	69.9	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
≥ 16000	48.2	66.1	68.5	69.7	70.3	70.5	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2
≥ 14000	48.8	67.4	69.9	71.0	71.6	71.9	72.1	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 12000	50.2	69.9	72.1	73.2	73.9	74.2	74.4	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
≥ 10000	51.6	71.8	74.4	75.6	76.3	76.6	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	52.1	72.8	75.8	76.3	77.8	77.2	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9
≥ 8000	53.1	73.8	76.9	77.8	78.5	78.8	79.0	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.5
≥ 7000	53.7	74.8	77.6	78.9	79.6	79.9	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 6000	54.4	75.3	78.6	80.0	80.7	81.0	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	55.3	77.2	80.1	81.6	82.4	82.6	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	55.8	78.2	81.2	82.7	83.5	83.8	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 4000	56.1	79.4	82.5	84.0	84.9	85.2	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9
≥ 3500	56.6	80.4	83.7	85.4	86.3	86.5	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 3000	57.7	82.1	85.9	87.7	88.6	88.8	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6
≥ 2500	58.7	84.3	87.9	89.8	90.7	91.0	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.8
≥ 2000	59.4	85.8	89.6	91.6	92.7	93.0	93.3	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 1800	59.6	86.1	90.0	92.1	93.2	93.5	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 1500	60.0	87.1	91.1	93.2	94.3	94.6	95.0	95.3	95.4	95.4	95.5	95.4	95.5	95.5	95.5	95.5
≥ 1200	60.2	87.6	91.7	93.9	95.1	95.4	95.8	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1000	60.3	88.4	92.7	94.9	96.2	96.5	96.9	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 900	60.5	89.7	93.0	95.3	96.6	96.9	97.3	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 800	60.6	89.9	93.3	95.7	97.0	97.3	97.8	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 700	60.7	89.2	93.5	95.9	97.3	97.6	98.1	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.8	98.8
≥ 600	60.8	89.4	93.8	96.2	97.7	98.0	98.5	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	60.7	89.5	93.9	96.4	97.8	98.2	98.7	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 400	60.7	89.5	94.0	96.5	98.0	98.3	98.8	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 300	60.7	89.6	94.0	96.5	98.0	98.4	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	60.7	89.6	94.0	96.5	98.0	98.4	98.9	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	60.7	89.6	94.0	96.5	98.0	98.4	98.9	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0
0	60.7	89.6	94.0	96.5	98.0	98.4	98.9	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 12431

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

DATA PROCESSING BRANCH
USAF ETAC
USA WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13865 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,52-74 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.9	54.5	57.1	58.6	59.5	59.7	60.0	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4
≥ 20000	44.7	66.2	69.2	70.9	72.0	72.1	72.5	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0
≥ 18000	44.8	66.3	69.3	71.0	72.1	72.3	72.7	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1
≥ 16000	45.3	66.7	69.8	71.4	72.5	72.7	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6
≥ 14000	45.9	68.0	71.1	72.9	74.0	74.2	74.6	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0
≥ 12000	47.4	70.3	73.7	75.5	76.7	76.9	77.2	77.5	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7
≥ 10000	49.2	73.2	76.6	78.4	79.6	79.8	80.2	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.7
≥ 9000	49.6	73.9	77.3	79.1	80.3	80.5	80.9	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4
≥ 8000	50.3	75.0	78.5	80.3	81.5	81.7	82.1	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.6
≥ 7000	50.8	76.0	79.3	81.3	82.5	82.8	83.2	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7
≥ 6000	51.3	76.7	80.3	82.1	83.3	83.6	84.0	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5
≥ 5000	52.1	78.1	81.7	83.6	84.9	85.1	85.5	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 4500	52.2	78.4	82.1	84.0	85.3	85.6	86.0	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 4000	53.3	80.1	84.0	86.1	87.6	87.9	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 3500	53.9	81.1	85.3	87.4	88.8	89.0	89.4	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	90.0
≥ 3000	54.8	83.1	87.0	89.2	90.4	90.6	91.1	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.7
≥ 2500	55.6	84.7	88.7	90.8	92.2	92.4	92.9	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.5
≥ 2000	56.3	86.1	90.2	92.3	93.7	94.0	94.5	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1
≥ 1800	56.5	86.5	90.6	92.8	94.2	94.4	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 1500	56.8	87.1	91.2	93.5	95.3	95.5	96.0	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.7
≥ 1200	57.1	88.1	92.4	94.6	96.0	96.3	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4
≥ 1000	57.2	88.4	92.9	95.2	96.7	96.9	97.3	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1
≥ 900	57.3	88.7	93.1	95.5	96.9	97.2	97.7	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4
≥ 800	57.3	88.9	93.3	95.7	97.2	97.5	98.1	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.7
≥ 700	57.4	89.0	93.5	95.9	97.4	97.6	98.2	98.6	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 600	57.4	89.1	93.6	96.1	97.6	97.9	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2
≥ 500	57.4	89.2	93.8	96.3	97.8	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5
≥ 400	57.4	89.3	93.8	96.3	97.9	98.2	98.9	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥ 300	57.4	89.3	93.9	96.4	98.0	98.2	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.8
≥ 200	57.4	89.3	93.9	96.4	98.0	98.2	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	57.4	89.3	93.9	96.4	98.0	98.2	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.8	99.8	100.0
0	57.4	89.3	93.9	96.4	98.0	98.2	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 13963

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13865 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.4	52.1	54.8	56.3	57.2	57.3	57.8	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4
≥ 20000	43.0	64.7	68.1	69.8	70.8	71.0	71.6	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.3
≥ 18000	43.2	65.3	68.4	70.0	71.1	71.3	71.9	72.2	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5
≥ 16000	43.6	65.5	68.9	70.6	71.6	71.8	72.4	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.1	73.1
≥ 14000	44.3	66.7	70.2	71.9	73.0	73.2	73.8	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.5
≥ 12000	46.3	70.1	73.8	75.6	76.8	77.0	77.6	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.3	78.3
≥ 10000	48.4	73.5	77.3	79.1	80.3	80.5	81.1	81.5	81.6	81.7	81.7	81.7	81.8	81.8	81.9	81.9
≥ 9000	48.9	74.3	78.1	80.0	81.2	81.4	82.0	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7
≥ 8000	50.4	76.4	80.3	82.3	83.5	83.7	84.3	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0
≥ 7000	51.3	77.3	81.3	83.2	84.5	84.7	85.3	85.7	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 6000	51.8	78.3	82.3	84.2	85.5	85.7	86.4	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.1	87.1
≥ 5000	52.0	79.2	83.3	85.2	86.5	86.8	87.5	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.2	88.2
≥ 4500	52.3	79.7	83.8	85.8	87.1	87.3	88.0	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.8	88.8
≥ 4000	52.8	80.5	85.0	87.1	88.4	88.7	89.4	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.1	90.1
≥ 3500	53.3	81.8	86.1	88.1	89.5	89.7	90.4	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.2	91.2
≥ 3000	54.0	83.1	87.5	89.6	90.9	91.2	91.9	92.3	92.4	92.5	92.5	92.5	92.6	92.6	92.7	92.7
≥ 2500	54.6	84.3	88.8	90.9	92.3	92.5	93.3	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 2000	55.2	85.4	90.0	92.1	93.5	93.8	94.6	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.4	95.4
≥ 1800	55.3	85.6	90.2	92.4	93.8	94.0	94.8	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.6	95.6
≥ 1500	55.5	86.3	90.5	93.2	94.6	94.9	95.7	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.5	96.5
≥ 1200	55.8	86.9	91.6	93.9	95.4	95.7	96.4	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.3
≥ 1000	55.9	87.2	92.0	94.3	95.8	96.1	96.9	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8
≥ 900	56.0	87.3	92.2	94.5	96.0	96.3	97.1	97.6	97.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0
≥ 800	56.0	87.5	92.3	94.7	96.3	96.6	97.5	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.4	98.4
≥ 700	56.0	87.6	92.5	94.9	96.5	96.9	97.7	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 600	56.1	87.7	92.7	95.1	96.7	97.1	98.3	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.9	98.9
≥ 500	56.1	87.9	92.8	95.3	96.9	97.3	98.2	98.7	98.8	98.9	99.0	99.0	99.1	99.1	99.2	99.2
≥ 400	56.1	87.9	92.9	95.4	97.1	97.4	98.3	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.4
≥ 300	56.1	88.0	93.0	95.4	97.2	97.6	98.5	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6
≥ 200	56.1	88.0	93.0	95.5	97.2	97.6	98.5	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8
≥ 100	56.1	88.0	93.0	95.5	97.2	97.6	98.5	99.2	99.3	99.5	99.6	99.6	99.8	99.8	99.9	99.9
0	56.1	88.0	93.0	95.5	97.2	97.6	98.5	99.2	99.3	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 14265

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

3015 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.7	53.0	54.3	56.4	58.0	58.4	59.2	59.7	59.8	59.9	60.0	60.0	60.0	60.1	60.1	60.1
≥ 20000	37.4	61.3	66.0	68.4	70.2	70.8	71.4	72.0	72.1	72.2	72.3	72.3	72.3	72.4	72.4	72.4
≥ 18000	37.7	62.3	66.4	68.8	70.6	71.0	71.8	72.4	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.9
≥ 16000	37.8	62.4	66.7	69.1	70.9	71.3	72.2	72.7	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.2
≥ 14000	38.4	63.5	67.7	70.2	72.0	72.4	73.3	73.8	73.9	74.0	74.1	74.1	74.2	74.2	74.3	74.3
≥ 12000	40.1	65.1	71.4	74.1	75.9	76.3	77.2	77.7	77.9	78.0	78.1	78.1	78.1	78.2	78.2	78.3
≥ 10000	42.4	70.0	74.6	77.2	79.1	79.6	80.4	81.0	81.1	81.2	81.3	81.3	81.4	81.4	81.5	81.5
≥ 9000	42.5	70.5	75.2	77.9	79.8	80.2	81.1	81.7	81.8	82.0	82.1	82.1	82.2	82.2	82.3	82.3
≥ 8000	43.6	72.4	77.1	79.8	81.7	82.2	83.1	83.7	83.8	83.9	84.0	84.1	84.1	84.2	84.3	84.3
≥ 7000	44.1	73.3	77.9	80.6	82.6	83.1	84.1	84.7	84.8	84.9	85.0	85.1	85.1	85.2	85.2	85.3
≥ 6000	44.4	73.9	78.0	81.4	83.4	83.9	84.8	85.4	85.5	85.7	85.8	85.8	85.9	85.9	86.0	86.0
≥ 5000	45.1	74.9	79.7	82.7	84.5	85.0	86.0	86.6	86.7	86.9	87.0	87.0	87.1	87.1	87.2	87.2
≥ 4500	45.3	75.5	80.3	83.1	85.2	85.7	86.6	87.2	87.4	87.5	87.6	87.7	87.7	87.8	87.8	87.9
≥ 4000	45.3	76.5	81.4	84.2	86.3	86.8	87.8	88.4	88.5	88.7	88.8	88.8	88.9	89.0	89.0	89.1
≥ 3500	46.1	77.3	82.2	85.1	87.2	87.8	88.7	89.4	89.5	89.7	89.8	89.8	89.9	89.9	90.0	90.0
≥ 3000	47.1	78.4	83.6	86.5	88.7	89.3	90.3	90.9	91.0	91.2	91.3	91.3	91.4	91.4	91.5	91.5
≥ 2500	47.8	79.5	85.0	88.0	90.2	90.7	91.7	92.4	92.5	92.7	92.8	92.8	92.9	92.9	93.0	93.0
≥ 2000	48.5	81.1	86.2	89.3	91.5	92.1	93.1	93.8	93.9	94.1	94.2	94.2	94.3	94.3	94.4	94.4
≥ 1800	48.6	81.2	86.4	89.5	91.8	92.3	93.4	94.0	94.2	94.3	94.4	94.5	94.5	94.6	94.7	94.7
≥ 1500	48.8	81.9	87.2	90.3	92.6	93.1	94.2	94.9	95.0	95.2	95.3	95.3	95.4	95.4	95.5	95.5
≥ 1200	49.0	82.3	87.8	90.9	93.2	93.8	94.8	95.5	95.6	95.8	95.9	95.9	96.0	96.0	96.1	96.1
≥ 1000	49.2	83.1	88.3	91.5	93.8	94.4	95.5	96.1	96.3	96.4	96.5	96.6	96.7	96.7	96.8	96.8
≥ 900	49.2	83.4	88.6	91.8	94.1	94.6	95.7	96.4	96.5	96.7	96.8	96.8	96.9	97.0	97.0	97.1
≥ 800	49.3	83.4	88.9	92.1	94.3	95.0	96.1	96.8	96.9	97.1	97.2	97.2	97.3	97.3	97.4	97.5
≥ 700	49.4	83.6	89.1	92.3	94.7	95.3	96.4	97.0	97.2	97.3	97.4	97.5	97.6	97.6	97.7	97.7
≥ 600	49.4	83.8	89.2	92.6	95.1	95.7	96.8	97.4	97.6	97.7	97.9	97.9	98.0	98.0	98.1	98.2
≥ 500	49.4	84.0	89.4	93.0	95.5	96.2	97.3	98.0	98.1	98.3	98.4	98.5	98.6	98.6	98.7	98.7
≥ 400	49.5	84.1	89.6	93.2	95.8	96.5	97.7	98.4	98.6	98.8	98.9	98.9	99.0	99.1	99.2	99.2
≥ 300	49.5	84.1	89.8	93.3	95.9	96.6	97.9	98.6	98.8	99.0	99.2	99.2	99.3	99.4	99.5	99.5
≥ 200	49.5	84.1	89.8	93.3	96.0	96.7	97.9	98.7	98.9	99.2	99.3	99.4	99.4	99.6	99.6	99.8
≥ 100	49.5	84.1	89.8	93.3	96.0	96.7	98.0	98.8	99.0	99.2	99.4	99.5	99.6	99.7	99.9	100.0
0	49.5	84.1	89.8	93.3	96.0	96.7	98.0	98.8	99.0	99.2	99.4	99.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 14832

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 STATION — COLUMBUS AFB, MISSISSIPPI STATION NAME — 42-45,59-74 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	32.6	52.2	54.7	56.2	57.3	57.6	58.0	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.7
≥ 20000	37.4	61.3	63.1	64.8	66.1	66.3	66.8	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.5	67.5
≥ 18000	38.3	60.7	63.5	65.2	66.5	66.7	67.2	67.6	67.6	67.7	67.8	67.9	67.8	67.9	67.9	67.9
≥ 16000	38.3	61.1	64.0	65.6	66.9	67.2	67.7	68.0	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.4
≥ 14000	38.9	62.1	65.0	66.7	68.1	68.3	68.8	69.2	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.6
≥ 12000	40.2	64.3	67.3	69.1	70.5	70.7	71.3	71.6	71.7	71.8	71.8	71.8	71.9	71.9	72.0	72.0
≥ 10000	41.6	66.5	69.8	71.7	73.2	73.4	74.0	74.4	74.5	74.5	74.5	74.6	74.7	74.7	74.7	74.8
≥ 9000	42.1	67.3	70.5	72.4	73.9	74.2	74.7	75.1	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.5
≥ 8000	42.7	68.5	71.9	73.9	75.4	75.7	76.3	76.7	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.1
≥ 7000	43.2	69.4	72.9	74.9	76.5	76.8	77.4	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.2
≥ 6000	43.8	70.2	73.7	75.7	77.3	77.6	78.2	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	79.0
≥ 5000	44.1	71.2	74.7	76.8	78.5	78.8	79.5	79.8	79.9	80.0	80.1	80.1	80.2	80.2	80.2	80.3
≥ 4500	44.4	71.8	75.4	77.5	79.3	79.6	80.2	80.6	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.1
≥ 4000	44.7	72.8	76.5	78.6	80.4	80.7	81.3	81.7	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.2
≥ 3500	45.4	73.8	77.4	79.6	81.4	81.8	82.4	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.2	83.3
≥ 3000	46.4	75.2	79.1	81.3	83.2	83.5	84.1	84.5	84.6	84.7	84.8	84.8	84.9	84.9	84.9	85.0
≥ 2500	47.1	76.7	80.7	83.0	84.9	85.2	85.9	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.7	86.7
≥ 2000	48.2	78.7	82.8	85.2	87.1	87.4	88.2	88.6	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.1
≥ 1800	48.5	79.2	83.4	85.8	87.8	88.1	88.8	89.2	89.4	89.4	89.5	89.5	89.6	89.6	89.7	89.7
≥ 1500	49.1	80.7	85.0	87.5	89.5	89.9	90.6	91.0	91.1	91.2	91.2	91.2	91.4	91.4	91.5	91.5
≥ 1200	49.7	82.3	86.7	89.3	91.4	91.8	92.5	93.0	93.1	93.2	93.2	93.2	93.3	93.3	93.4	93.5
≥ 1000	50.1	83.3	87.8	90.5	92.7	93.1	93.9	94.4	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.9
≥ 900	50.2	83.7	88.3	91.1	93.4	93.8	94.6	95.1	95.2	95.3	95.4	95.4	95.5	95.5	95.6	95.7
≥ 800	50.3	84.1	88.8	91.7	94.0	94.5	95.3	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.3	96.4
≥ 700	50.4	84.4	89.2	92.2	94.6	95.0	95.9	96.5	96.6	96.7	96.8	96.8	96.9	96.9	96.9	97.0
≥ 600	50.4	84.6	89.7	92.7	95.1	95.7	96.6	97.2	97.3	97.5	97.5	97.5	97.6	97.6	97.7	97.8
≥ 500	50.4	85.0	90.0	93.1	95.7	96.2	97.2	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.5
≥ 400	50.4	85.1	90.1	93.3	96.0	96.6	97.7	98.4	98.4	98.8	98.9	98.9	99.0	99.0	99.1	99.2
≥ 300	50.4	85.2	90.2	93.4	96.2	96.8	98.0	98.8	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.6
≥ 200	50.4	85.3	90.3	93.5	96.2	96.9	98.1	98.9	99.1	99.3	99.3	99.5	99.6	99.6	99.7	99.9
≥ 100	50.4	85.3	90.3	93.5	96.2	96.9	98.1	98.9	99.1	99.3	99.3	99.5	99.7	99.7	99.8	99.9
0	50.4	85.3	90.3	93.5	96.2	96.9	98.1	98.9	99.1	99.3	99.3	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 14330

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13425 STATION | COLUMBUS AFB STATION NAME, MISSISSIPPI | 42-65,59-74 YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING ≥ 20000	42.4	59.7	62.6	64.4	65.7	65.9	66.5	66.8	66.8	67.0	67.0	67.0	67.1	67.1	67.2	67.4
	45.1	64.7	68.0	69.7	71.1	71.3	72.0	72.3	72.4	72.5	72.6	72.6	72.7	72.7	72.8	73.0
≥ 18000 ≥ 16000	45.8	65.3	68.4	70.1	71.5	71.7	72.4	72.6	72.7	72.9	73.0	73.0	73.0	73.1	73.2	73.4
	46.3	65.9	68.8	70.5	71.9	72.2	72.8	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.6	73.8
≥ 14000 ≥ 12000	46.4	66.1	69.5	71.3	72.7	72.9	73.5	73.8	73.9	74.1	74.1	74.1	74.2	74.2	74.3	74.6
	47.3	67.0	71.1	72.9	74.3	74.6	75.2	75.5	75.6	75.8	75.9	75.9	75.9	75.9	76.0	76.2
≥ 10000 ≥ 9000	48.2	69.3	72.9	74.7	76.2	76.4	77.1	77.3	77.4	77.6	77.7	77.7	77.7	77.8	77.9	78.1
	48.8	69.8	73.2	75.0	76.5	76.7	77.4	77.7	77.7	77.9	78.0	78.0	78.1	78.1	78.2	78.4
≥ 8000 ≥ 7000	48.7	70.8	74.5	76.5	78.0	78.2	78.9	79.1	79.2	79.4	79.5	79.5	79.5	79.6	79.7	79.9
	49.1	71.1	75.4	77.4	79.0	79.2	79.9	80.2	80.3	80.5	80.5	80.5	80.6	80.6	80.7	80.9
≥ 6000 ≥ 5000	49.4	72.3	76.2	78.2	79.8	80.0	80.7	81.0	81.1	81.3	81.4	81.4	81.4	81.5	81.5	81.8
	49.8	72.7	77.1	79.2	80.9	81.1	81.8	82.1	82.2	82.4	82.5	82.5	82.5	82.6	82.7	82.9
≥ 4500 ≥ 4000	50.2	73.8	77.8	80.0	81.7	81.9	82.7	82.9	83.0	83.2	83.3	83.3	83.4	83.4	83.5	83.7
	50.8	74.7	78.8	81.1	82.8	83.1	83.8	84.1	84.2	84.4	84.5	84.5	84.5	84.6	84.7	84.9
≥ 3500 ≥ 3000	51.1	75.3	79.7	82.0	83.8	84.0	84.7	85.0	85.1	85.3	85.4	85.4	85.4	85.5	85.6	85.8
	51.6	76.7	80.9	83.3	85.1	85.3	86.1	86.4	86.5	86.7	86.7	86.7	86.8	86.8	86.9	87.2
≥ 2500 ≥ 2000	52.4	78.3	82.8	85.2	87.0	87.3	88.1	88.4	88.5	88.7	88.7	88.7	88.8	88.8	88.9	89.2
	53.1	79.7	84.2	86.8	88.7	89.0	89.8	90.1	90.3	90.4	90.5	90.5	90.6	90.6	90.7	90.9
≥ 1800 ≥ 1500	53.2	80.1	84.5	87.2	89.1	89.4	90.2	90.6	90.7	90.8	90.9	90.9	91.0	91.0	91.1	91.3
	53.7	81.1	85.7	88.4	90.4	90.7	91.7	92.0	92.1	92.3	92.4	92.4	92.5	92.5	92.6	
≥ 1200 ≥ 1000	54.0	81.9	86.5	89.4	91.4	91.8	92.8	93.2	93.3	93.5	93.5	93.5	93.6	93.6	93.7	94.0
	54.2	82.6	87.5	90.5	92.6	93.0	94.1	94.5	94.6	94.8	94.8	94.8	94.9	94.9	95.0	95.3
≥ 900 ≥ 800	54.2	83.1	88.0	90.9	93.2	93.5	94.7	95.1	95.2	95.4	95.4	95.5	95.5	95.6	95.6	95.9
	54.3	83.5	88.5	91.6	93.9	94.3	95.5	95.9	96.0	96.2	96.3	96.3	96.4	96.4	96.5	96.7
≥ 700 ≥ 600	54.4	83.6	88.9	91.9	94.3	94.7	96.0	96.4	96.5	96.8	96.8	96.9	96.9	97.0	97.1	97.3
	54.4	84.0	89.1	92.3	94.8	95.2	96.5	97.0	97.1	97.4	97.5	97.5	97.6	97.6	97.7	97.9
≥ 500 ≥ 400	54.4	84.2	89.4	92.6	95.3	95.8	97.2	97.7	97.9	98.1	98.2	98.2	98.3	98.3	98.4	98.6
	54.4	84.3	89.5	92.8	95.6	96.1	97.5	98.1	98.3	98.5	98.6	98.6	98.7	98.7	98.8	99.1
≥ 300 ≥ 200	54.4	84.3	89.6	92.9	95.8	96.2	97.8	98.4	98.6	98.9	99.0	99.0	99.1	99.1	99.2	99.5
	54.4	84.3	89.6	92.9	95.8	96.3	97.8	98.5	98.6	99.0	99.1	99.1	99.2	99.3	99.4	99.7
≥ 100 0	54.4	84.3	89.6	92.9	95.8	96.3	97.8	98.5	98.7	99.0	99.2	99.2	99.3	99.3	99.5	99.9
	54.4	84.3	89.6	92.9	95.8	96.3	97.8	98.5	98.7	99.0	99.2	99.2	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 14665

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13865 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 42-45,58-74 YEARS — NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.3	49.3	51.4	52.8	53.9	54.0	54.5	54.9	55.0	55.3	55.4	55.4	55.6	55.6	55.8	55.9
≥ 20000	40.4	55.1	57.4	58.9	60.1	60.3	60.9	61.3	61.3	61.7	61.9	61.9	62.1	62.1	62.2	62.4
≥ 18000	40.5	55.2	57.6	59.0	60.3	60.5	61.1	61.4	61.5	61.9	62.1	62.2	62.2	62.3	62.4	62.6
≥ 16000	40.6	55.4	57.7	59.2	60.5	60.7	61.3	61.6	61.7	62.1	62.2	62.2	62.4	62.4	62.6	62.8
≥ 14000	41.4	56.5	58.8	60.3	61.7	61.9	62.5	62.8	62.9	63.3	63.4	63.4	63.6	63.7	63.8	64.0
≥ 12000	42.3	58.1	60.4	62.2	63.4	63.6	64.2	64.5	64.6	65.0	65.1	65.1	65.3	65.4	65.5	65.7
≥ 10000	43.6	60.3	62.5	64.2	65.6	65.8	66.4	66.7	66.8	67.2	67.4	67.3	67.5	67.6	67.7	67.9
≥ 9000	44.2	60.9	63.4	65.1	66.5	66.7	67.4	67.7	67.8	68.1	68.3	68.3	68.4	68.5	68.7	68.9
≥ 8000	45.2	62.4	65.0	66.7	68.1	68.3	69.0	69.3	69.4	69.8	69.9	69.9	70.1	70.2	70.4	70.6
≥ 7000	46.2	63.9	66.6	68.3	69.8	70.0	70.7	71.1	71.2	71.6	71.7	71.7	72.0	72.0	72.2	72.4
≥ 6000	47.3	65.3	68.0	69.8	71.4	71.5	72.3	72.6	72.7	73.1	73.3	73.3	73.5	73.6	73.8	74.0
≥ 5000	47.3	66.9	69.5	71.6	73.2	73.4	74.2	74.6	74.7	75.0	75.2	75.2	75.4	75.5	75.7	75.9
≥ 4500	48.5	68.1	71.0	72.9	74.5	74.7	75.5	75.9	76.1	76.4	76.6	76.6	76.9	76.9	77.1	77.3
≥ 4000	49.2	69.3	72.3	74.3	76.0	76.2	77.0	77.4	77.5	77.9	78.1	78.1	78.3	78.3	78.5	78.8
≥ 3500	49.8	70.4	73.5	75.5	77.3	77.5	78.3	78.7	78.8	79.2	79.4	79.4	79.6	79.7	79.9	80.1
≥ 3000	50.9	72.0	75.8	77.9	79.6	79.9	80.7	81.1	81.2	81.6	81.8	81.8	82.1	82.1	82.3	82.5
≥ 2500	52.1	74.0	78.2	80.4	82.2	82.5	83.4	83.8	83.9	84.3	84.5	84.5	84.8	84.8	85.0	85.3
≥ 2000	53.2	77.1	80.7	83.0	84.9	85.1	86.0	86.5	86.6	87.0	87.2	87.2	87.5	87.5	87.7	88.0
≥ 1800	53.5	77.7	81.4	83.8	85.7	85.9	86.8	87.3	87.4	87.9	88.1	88.1	88.3	88.3	88.6	88.8
≥ 1500	54.1	79.2	83.1	85.6	87.6	87.9	88.8	89.3	89.4	89.8	90.0	90.0	90.3	90.4	90.6	90.8
≥ 1200	54.4	80.1	84.2	86.8	88.9	89.2	90.2	90.7	90.9	91.3	91.5	91.5	91.8	91.8	92.0	92.3
≥ 1000	54.6	80.8	85.0	87.7	90.0	90.3	91.4	91.9	92.1	92.5	92.7	92.7	93.0	93.1	93.3	93.5
≥ 900	54.8	81.1	85.4	88.2	90.5	90.8	91.9	92.5	92.6	93.1	93.3	93.3	93.6	93.6	93.8	94.1
≥ 800	54.7	81.7	86.5	88.9	91.2	91.4	92.7	93.4	93.5	94.0	94.2	94.2	94.5	94.5	94.7	95.0
≥ 700	54.8	82.1	86.4	89.4	91.9	92.2	93.5	94.2	94.4	94.8	95.0	95.1	95.4	95.4	95.6	95.9
≥ 600	54.9	82.4	86.9	89.9	92.6	93.0	94.3	95.1	95.2	95.7	95.9	95.9	96.2	96.3	96.5	96.8
≥ 500	54.9	82.5	87.1	90.4	93.2	93.7	95.1	95.9	96.1	96.6	96.8	96.8	97.2	97.2	97.5	97.7
≥ 400	54.9	82.6	87.2	90.5	93.4	94.1	95.7	96.7	96.9	97.4	97.6	97.7	98.0	98.1	98.3	98.5
≥ 300	54.9	82.6	87.3	90.6	93.6	94.3	96.3	97.1	97.4	98.0	98.3	98.3	98.6	98.7	99.0	99.2
≥ 200	54.9	82.6	87.3	90.6	93.7	94.3	96.1	97.2	97.5	98.1	98.3	98.5	98.9	98.9	99.2	99.5
≥ 100	54.9	82.6	87.3	90.6	93.7	94.3	96.1	97.2	97.5	98.2	98.5	98.5	98.9	99.1	99.4	99.7
0	54.9	82.6	87.3	90.6	93.7	94.3	96.1	97.2	97.5	98.2	98.5	98.6	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 15018

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3820 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,54-74 YEARS | JFC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

441 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.5	36.1	40.2	41.2	41.9	41.9	42.1	42.3	42.3	42.4	42.5	42.5	42.6	42.6	42.7	43.4
≥ 20000	34.4	44.1	45.6	46.8	47.6	47.7	47.9	48.1	48.1	48.3	48.4	48.5	48.6	48.5	48.7	48.8
≥ 18000	34.9	44.2	45.9	47.1	47.8	47.9	48.2	48.3	48.4	48.5	48.6	48.7	48.7	48.8	48.9	49.1
≥ 16000	34.9	44.3	46.1	47.4	48.2	48.3	48.6	48.7	48.8	48.9	49.0	49.1	49.1	49.2	49.3	49.5
≥ 14000	35.2	45.2	46.9	48.1	48.9	49.1	49.3	49.4	49.5	49.6	49.6	49.6	49.7	49.8	49.9	50.2
≥ 12000	36.4	47.1	48.7	49.9	50.8	50.8	51.1	51.2	51.3	51.4	51.5	51.5	51.6	51.7	51.8	52.1
≥ 10000	37.7	48.8	50.5	51.8	52.7	52.7	53.0	53.2	53.2	53.4	53.4	53.4	53.5	53.6	53.7	54.0
≥ 9000	38.1	49.2	51.0	52.3	53.2	53.2	53.5	53.7	53.7	53.9	54.0	53.9	54.0	54.1	54.2	54.5
≥ 8000	38.7	50.3	52.3	53.7	54.6	54.7	55.0	55.1	55.2	55.3	55.4	55.4	55.5	55.5	55.7	56.0
≥ 7000	39.7	52.1	53.8	55.2	56.2	56.3	56.6	56.7	56.8	56.9	57.0	57.0	57.1	57.1	57.3	57.5
≥ 6000	40.0	53.9	55.7	57.1	58.1	58.2	58.3	58.7	58.7	58.9	58.9	58.9	59.0	59.1	59.2	59.5
≥ 5000	41.7	55.3	57.4	59.0	60.1	60.2	60.3	60.7	60.8	60.9	60.9	60.9	61.1	61.1	61.3	61.5
≥ 4500	42.5	56.3	59.1	60.6	61.7	61.8	62.0	62.3	62.4	62.5	62.6	62.6	62.7	62.8	62.9	63.2
≥ 4000	43.3	58.2	60.5	62.1	63.2	63.4	63.6	64.3	64.1	64.2	64.3	64.3	64.4	64.5	64.6	64.9
≥ 3500	44.3	59.9	62.4	63.9	65.1	65.2	65.6	65.9	65.9	66.0	66.1	66.1	66.2	66.3	66.4	66.7
≥ 3000	45.3	61.3	63.9	65.5	67.0	67.1	67.6	67.8	67.9	68.1	68.2	68.2	68.3	68.4	68.5	68.8
≥ 2500	46.5	63.9	66.5	68.3	69.8	70.0	70.5	70.7	70.8	71.0	71.1	71.1	71.2	71.3	71.4	71.7
≥ 2000	48.1	66.8	69.6	72.0	73.4	73.6	74.2	74.5	74.6	74.8	74.8	74.9	75.1	75.2	75.3	75.8
≥ 1800	48.8	67.9	70.8	73.2	74.7	75.0	75.6	75.9	76.0	76.2	76.2	76.3	76.4	76.5	76.6	76.9
≥ 1500	50.3	70.2	73.3	76.1	77.9	78.1	78.8	79.1	79.3	79.5	79.5	79.6	79.7	79.8	80.1	80.2
≥ 1200	50.8	72.1	75.5	78.5	80.5	80.7	81.7	82.1	82.2	82.4	82.5	82.5	82.7	82.7	82.9	83.2
≥ 1000	51.3	73.3	77.3	80.6	82.8	83.4	84.4	84.9	84.9	85.2	85.3	85.3	85.5	85.5	85.7	85.9
≥ 900	51.7	74.5	78.5	81.8	84.4	84.9	85.9	86.4	86.5	86.8	86.9	86.9	87.1	87.2	87.3	87.6
≥ 800	51.9	75.3	79.5	83.2	86.1	86.6	87.9	88.4	88.4	88.9	89.1	89.1	89.3	89.3	89.5	89.8
≥ 700	52.1	76.3	80.6	84.5	87.5	88.1	89.5	90.1	90.3	90.7	90.8	90.9	91.1	91.1	91.3	91.6
≥ 600	52.1	76.5	81.4	85.4	88.7	89.4	90.3	91.7	91.9	92.4	92.5	92.6	92.8	92.9	93.1	93.3
≥ 500	52.2	77.3	82.2	86.5	90.0	90.8	92.6	93.5	93.7	94.3	94.5	94.6	94.8	94.9	95.1	95.4
≥ 400	52.2	77.5	82.5	87.0	90.7	91.6	93.7	94.7	94.9	95.6	95.9	95.9	96.2	96.3	96.4	96.8
≥ 300	52.2	77.5	82.6	87.3	91.2	92.1	94.4	95.7	96.0	96.8	97.1	97.2	97.6	97.7	97.9	98.3
≥ 200	52.2	77.6	82.7	87.4	91.4	92.4	94.7	96.2	96.5	97.4	97.8	98.0	98.4	98.5	98.8	99.2
≥ 100	52.2	77.6	82.7	87.4	91.4	92.4	94.7	96.2	96.5	97.5	97.9	98.1	98.5	98.7	99.1	99.6
0	52.2	77.6	82.7	87.4	91.4	92.4	94.7	96.2	96.5	97.5	97.9	98.1	98.5	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 15519

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1818 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,29-74 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.7	39.7	40.9	42.2	43.5	43.7	44.5	44.6	44.6	44.9	44.9	44.9	45.0	45.1	45.3	45.7
≥ 20000	32.7	33.7	45.4	46.8	48.3	48.4	49.2	49.3	49.3	49.6	49.7	49.7	49.8	49.9	50.1	50.5
≥ 18000	33.1	43.9	45.9	47.1	48.6	48.7	49.5	49.6	49.6	49.9	50.0	50.0	50.1	50.2	50.3	50.8
≥ 16000	33.2	44.2	45.7	47.4	48.8	49.0	49.8	49.9	49.9	50.2	50.3	50.3	50.4	50.4	50.5	51.1
≥ 14000	33.4	44.0	46.2	47.9	49.3	49.4	50.3	50.4	50.4	50.7	50.8	50.8	50.9	50.9	51.2	51.7
≥ 12000	34.2	45.3	47.5	49.2	50.7	50.9	51.7	51.8	51.8	52.1	52.2	52.2	52.3	52.4	52.7	53.1
≥ 10000	35.4	48.1	49.6	51.5	53.0	53.2	54.1	54.2	54.2	54.5	54.6	54.6	54.7	54.8	55.1	55.5
≥ 9000	35.9	48.7	50.3	52.2	53.7	53.9	54.8	55.0	55.0	55.2	55.3	55.3	55.5	55.5	53.7	56.2
≥ 8000	36.4	49.7	51.4	53.5	55.0	55.2	56.2	56.3	56.3	56.6	56.7	56.7	56.8	56.8	57.1	57.6
≥ 7000	37.3	51.4	53.2	55.3	57.1	57.3	58.2	58.4	58.4	58.6	58.7	58.7	58.9	58.9	59.1	59.6
≥ 6000	38.3	53.6	54.3	56.5	58.3	58.5	59.5	59.6	59.6	59.9	60.0	60.0	60.1	60.1	60.4	60.9
≥ 5000	38.7	54.5	56.3	58.6	60.6	60.8	61.7	61.9	61.9	62.1	62.2	62.2	62.4	62.4	62.8	63.1
≥ 4500	39.8	56.4	58.4	60.9	62.9	63.1	64.1	64.3	64.3	64.6	64.7	64.7	64.8	64.9	65.1	65.6
≥ 4000	40.3	57.5	59.8	62.3	64.3	64.5	65.5	65.7	65.7	66.0	66.1	66.2	66.3	66.4	66.5	67.1
≥ 3500	40.9	59.3	61.7	64.2	66.2	66.4	67.4	67.7	67.7	68.0	68.2	68.2	68.3	68.3	68.5	69.0
≥ 3000	41.2	61.1	63.6	66.4	68.6	68.8	69.8	70.0	70.0	70.4	70.5	70.5	70.7	70.7	70.9	71.4
≥ 2500	42.1	62.9	65.6	68.4	70.7	70.9	71.9	72.1	72.1	72.5	72.7	72.7	72.8	72.8	73.1	73.6
≥ 2000	42.2	64.5	67.3	71.0	73.3	73.6	74.6	74.8	74.8	75.2	75.4	75.4	75.5	75.6	75.8	76.3
≥ 1800	43.3	65.8	69.0	72.6	74.9	75.2	76.2	76.4	76.4	76.8	77.0	77.0	77.1	77.2	77.4	78.0
≥ 1500	43.4	67.2	71.5	75.2	77.8	78.1	79.1	79.3	79.3	79.7	79.9	79.9	80.0	80.1	80.3	80.8
≥ 1200	44.1	69.3	73.3	77.3	79.9	80.3	81.5	81.7	81.7	82.1	82.3	82.3	82.4	82.5	82.7	83.2
≥ 1000	45.1	71.7	74.9	79.1	82.3	82.6	83.9	84.1	84.1	84.5	84.6	84.6	84.7	84.8	85.1	85.6
≥ 900	45.3	71.2	75.6	79.8	82.9	83.4	84.9	85.1	85.1	85.5	85.7	85.7	85.8	85.9	86.1	86.6
≥ 800	45.4	71.6	76.1	80.6	83.9	84.4	86.0	86.2	86.2	86.7	86.9	86.9	87.0	87.1	87.4	87.9
≥ 700	45.4	72.1	76.6	81.0	84.9	85.5	87.2	87.4	87.4	87.9	88.1	88.1	88.2	88.3	88.5	89.0
≥ 600	45.4	72.4	77.4	82.6	86.5	87.1	89.0	89.2	89.2	89.7	89.9	89.9	90.0	90.2	90.4	90.9
≥ 500	45.5	72.9	78.2	83.9	88.8	89.6	91.9	92.2	92.3	92.8	93.0	93.0	93.1	93.2	93.4	93.9
≥ 400	45.5	73.2	78.7	84.5	89.3	90.5	93.0	93.5	93.6	94.2	94.3	94.3	94.4	94.5	94.8	95.3
≥ 300	45.5	73.3	78.9	84.7	90.1	91.5	94.6	95.2	95.4	96.0	96.4	96.4	96.7	97.0	97.4	97.9
≥ 200	45.5	73.4	78.9	84.7	90.2	91.5	94.8	95.4	95.6	96.2	96.8	97.2	97.4	97.9	98.4	98.9	99.5
≥ 100	45.5	73.4	78.9	84.7	90.3	91.7	94.9	95.5	95.9	96.9	97.7	97.7	98.1	98.7	99.2	99.8
0	45.5	73.4	78.9	84.7	90.3	91.7	94.9	95.5	95.9	96.9	97.7	97.7	98.1	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1726

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13825 STATION | COLUMBUS, AFB MISSISSIPPI STATION NAME | 43-46,29-74 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	29.7 29.7	36.7 41.1	37.9 42.0	39.2 44.3	40.7 46.0	40.8 46.3	41.5 46.9	41.7 47.1	41.8 47.2	42.0 47.3	42.0 47.4	42.0 47.4	42.3 47.7	42.3 47.7	42.5 47.8	42.9 48.4
≥ 20000 ≥ 16000	29.2 29.3	41.1 41.2	42.7 42.8	44.4 44.5	46.1 46.2	46.1 46.2	47.0 47.1	47.2 47.3	47.3 47.4	47.5 47.6	47.5 47.6	47.5 47.6	47.8 47.9	47.8 47.9	48.0 48.1	48.5 48.6
≥ 14000 ≥ 12000	29.8 30.7	42.1 43.4	43.7 45.0	45.4 46.7	47.1 48.6	47.1 48.7	48.0 49.5	48.2 49.7	48.3 49.8	48.5 50.0	48.5 50.1	48.5 50.1	48.8 50.3	48.8 50.3	49.0 50.5	49.5 51.0
≥ 10000 ≥ 9000	31.8 32.8	44.8 46.4	46.3 47.9	48.1 49.7	50.2 51.8	50.2 51.8	51.2 52.8	51.4 53.0	51.5 53.1	51.7 53.3	51.7 53.3	51.7 53.3	52.0 53.6	52.0 53.6	52.2 53.8	52.9 54.5
≥ 8000 ≥ 7000	32.5 33.4	46.9 48.1	48.7 49.7	50.4 51.5	52.7 53.8	52.8 53.8	53.7 54.8	53.9 55.0	54.0 55.1	54.2 55.2	54.3 55.3	54.3 55.3	54.5 55.6	54.5 55.6	54.7 55.7	55.4 56.5
≥ 6000 ≥ 5000	34.1 35.1	49.1 50.9	51.1 52.9	53.3 54.9	55.5 57.5	55.5 57.5	56.5 58.5	56.7 58.7	56.9 58.8	57.0 59.0	57.1 59.1	57.1 59.1	57.3 59.3	57.3 59.3	57.5 59.5	58.2 60.2
≥ 4500 ≥ 4000	35.9 36.8	52.9 53.9	54.6 55.9	56.8 58.1	59.4 60.7	59.5 60.8	60.4 61.7	60.7 61.9	60.8 62.1	61.0 62.3	61.0 62.3	61.0 62.3	61.3 62.6	61.3 62.6	61.5 62.8	62.2 63.5
≥ 3500 ≥ 3000	37.3 38.1	55.2 56.3	57.6 58.8	59.7 61.2	62.4 64.0	62.5 64.1	63.4 65.1	63.6 65.2	63.8 65.4	64.0 65.6	64.0 65.6	64.0 65.6	64.3 65.9	64.3 65.9	64.5 66.1	65.2 66.8
≥ 2500 ≥ 2000	38.7 39.5	57.1 58.3	60.3 61.9	62.7 64.3	65.7 68.2	65.8 68.3	66.8 69.3	67.0 69.5	67.2 69.7	67.3 69.8	67.4 70.1	67.4 70.1	67.7 70.4	67.7 70.4	67.8 70.6	68.6 71.2
≥ 1800 ≥ 1500	39.4 40.3	60.0 62.4	62.9 65.7	65.9 69.1	69.4 72.8	69.4 72.9	70.5 74.0	70.8 74.3	70.9 74.5	71.3 74.9	71.4 74.9	71.4 74.9	71.7 75.2	71.7 75.2	71.8 75.4	72.5 76.1
≥ 1200 ≥ 1000	60.9 61.3	64.3 66.1	67.8 69.3	71.4 73.5	75.7 78.6	75.7 78.7	76.9 79.9	77.2 80.3	77.3 80.4	77.8 80.9	77.8 80.9	77.8 80.9	78.1 81.2	78.1 81.2	78.3 81.4	79.0 82.1
≥ 900 ≥ 800	41.5 41.5	67.4 67.4	70.4 71.5	75.4 76.6	80.1 81.5	80.3 81.8	81.6 83.1	81.9 83.5	82.0 83.6	82.5 84.1	82.6 84.2	82.6 84.3	82.9 84.5	82.9 84.5	83.0 84.7	83.8 85.4
≥ 700 ≥ 600	41.7 41.8	68.1 68.3	72.8 73.8	78.3 79.4	83.6 85.2	84.0 85.6	85.5 87.3	85.9 87.7	86.1 87.9	86.6 88.4	86.6 88.5	86.7 88.5	87.0 88.8	87.0 88.8	87.1 89.0	87.8 89.7
≥ 500 ≥ 400	41.9 41.9	69.4 69.4	74.8 75.2	81.2 81.7	87.4 88.1	88.1 89.4	90.3 92.1	90.8 92.8	91.0 93.0	91.5 93.3	91.7 93.6	91.7 93.6	92.0 94.1	92.0 94.1	92.2 94.3	92.9 95.0
≥ 300 ≥ 200	41.9 41.9	69.7 69.7	75.3 75.3	82.0 82.0	88.7 88.8	90.2 90.2	93.5 93.6	94.5 95.0	94.8 95.2	95.4 96.1	95.6 96.3	95.6 96.5	96.1 97.4	96.2 97.5	96.4 97.7	97.3 99.0
≥ 100 0	41.9 41.9	69.7 69.7	75.3 75.3	82.0 82.0	88.8 88.8	90.2 90.2	93.6 93.8	95.1 95.1	95.5 95.5	96.3 96.3	96.7 96.7	96.9 96.9	97.7 97.7	98.1 98.1	98.3 98.5	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS. 1810

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

12 S STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	34.3	31.8	33.0	34.7	35.9	36.3	37.4	37.9	37.9	38.4	38.8	38.8	38.9	39.0	39.1	39.5
	28.6	35.5	37.2	39.0	40.6	41.1	42.1	42.6	42.6	43.2	43.6	43.6	43.7	43.8	43.9	44.3
≥ 18000 ≥ 16000	26.3	36.1	37.5	39.4	41.0	41.5	42.6	43.0	43.1	43.7	44.0	44.0	44.1	44.3	44.3	44.8
	27.1	36.4	37.8	39.6	41.2	41.7	42.8	43.2	43.3	43.9	44.2	44.2	44.3	44.5	44.5	45.0
≥ 14000 ≥ 12000	27.1	36.9	38.4	40.2	42.0	42.6	43.5	43.9	44.0	44.6	44.9	44.9	45.0	45.2	45.3	45.7
	28.2	38.1	39.9	42.0	43.9	44.5	45.6	46.1	46.1	46.7	47.1	47.1	47.2	47.4	47.4	47.9
≥ 10000 ≥ 9000	30.0	40.1	41.6	43.7	45.7	46.3	47.4	47.9	47.9	48.5	48.9	48.9	49.0	49.2	49.2	49.7
	30.4	40.6	42.4	44.6	46.6	47.2	48.3	48.8	48.9	49.5	49.9	49.9	50.0	50.2	50.2	50.7
≥ 8000 ≥ 7000	30.8	42.3	43.7	45.9	48.0	48.6	49.7	50.2	50.2	50.8	51.2	51.2	51.3	51.5	51.5	52.0
	31.5	43.1	44.5	47.4	49.4	50.1	51.2	51.7	51.8	52.4	52.8	52.8	52.9	53.0	53.1	53.6
≥ 6000 ≥ 5000	32.1	44.4	46.0	48.6	50.9	51.5	52.7	53.2	53.3	53.9	54.2	54.2	54.4	54.5	54.6	55.1
	33.1	45.6	47.8	50.6	53.0	53.6	54.8	55.3	55.4	56.1	56.4	56.4	56.6	56.7	56.8	57.3
≥ 4500 ≥ 4000	33.6	46.3	48.0	51.9	54.3	55.0	56.1	56.7	56.8	57.4	57.8	57.8	57.9	58.1	58.2	58.7
	34.3	48.2	50.4	53.8	56.3	56.7	57.9	58.5	58.5	59.2	59.6	59.6	59.7	59.9	59.9	60.4
≥ 3500 ≥ 3000	35.4	49.5	51.8	54.9	57.4	58.0	59.3	59.9	59.9	60.6	61.0	61.0	61.1	61.2	61.3	61.8
	35.8	50.7	52.9	56.1	58.7	59.4	60.6	61.2	61.3	62.0	62.3	62.3	62.5	62.6	62.7	63.2
≥ 2500 ≥ 2000	36.6	52.5	55.0	58.1	61.1	61.9	63.3	63.9	64.0	64.7	65.0	65.0	65.2	65.3	65.4	65.9
	37.3	54.1	56.6	60.0	63.3	64.1	65.6	66.3	66.3	67.1	67.4	67.4	67.6	67.8	68.0	68.5
≥ 1800 ≥ 1500	37.7	55.1	57.7	61.1	64.4	65.3	66.8	67.7	67.8	68.5	68.9	68.9	69.0	69.2	69.3	69.7
	38.2	56.8	59.9	63.7	67.2	68.1	69.7	70.6	70.6	71.4	71.8	71.8	71.9	72.1	72.2	72.7
≥ 1200 ≥ 1000	38.6	58.3	61.9	66.1	69.9	70.8	72.4	73.4	73.5	74.3	74.6	74.8	74.9	75.0	75.1	75.6
	39.5	60.4	64.2	68.3	72.2	73.9	75.6	76.8	76.9	77.7	78.1	78.2	78.3	78.4	78.5	79.0
≥ 900 ≥ 800	39.9	61.5	65.4	70.5	74.6	75.7	77.6	78.7	78.8	79.7	80.1	80.1	80.2	80.4	80.4	80.9
	39.9	62.5	66.7	71.9	76.4	77.6	79.5	80.7	80.9	81.8	82.2	82.2	82.4	82.5	82.6	83.1
≥ 700 ≥ 600	39.9	63.0	68.1	73.8	78.8	80.2	82.3	83.6	83.7	84.7	85.1	85.1	85.3	85.4	85.6	86.1
	39.9	64.2	69.1	75.1	80.5	82.0	84.4	85.9	86.1	87.2	87.6	87.7	87.8	88.0	88.1	88.6
≥ 500 ≥ 400	39.9	64.3	69.6	76.2	82.1	83.8	86.9	88.7	89.0	90.2	90.8	90.9	91.2	91.5	91.7	92.2
	40.3	64.7	70.0	76.9	83.1	85.0	88.5	90.6	91.0	92.3	92.9	92.9	93.3	93.7	93.9	94.4
≥ 300 ≥ 200	40.3	64.8	70.1	77.2	83.6	85.7	89.9	92.3	92.7	94.3	95.1	95.2	95.5	96.0	96.4	97.2
	40.5	64.8	70.2	77.2	83.7	85.8	90.2	93.1	93.7	95.5	96.4	96.5	97.0	97.6	98.0	99.0
≥ 100 ≥ 0	40.3	64.8	70.2	77.2	83.7	85.8	90.2	93.1	93.7	95.6	96.5	96.6	97.2	98.0	98.7	99.8
	40.3	64.8	70.2	77.2	83.7	85.8	90.2	93.1	93.7	95.6	96.5	96.7	97.3	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1814

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13425 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.3	34.9	36.0	37.2	37.7	37.9	38.3	38.4	38.5	38.6	38.7	38.7	38.7	38.7	38.8	38.8
≥ 20000	31.3	39.3	40.5	42.1	42.9	43.2	43.5	43.7	43.8	43.8	43.9	43.9	44.0	44.0	44.0	44.1
≥ 18000	31.3	40.2	41.5	42.8	43.6	43.9	44.2	44.4	44.4	44.5	44.6	44.6	44.6	44.6	44.7	44.7
≥ 16000	32.4	41.5	42.1	43.4	44.2	44.5	44.9	45.0	45.1	45.1	45.2	45.2	45.3	45.3	45.4	45.4
≥ 14000	32.8	41.9	42.7	44.0	44.9	45.1	45.5	45.6	45.7	45.7	45.9	45.9	45.9	45.9	46.0	46.0
≥ 12000	33.4	42.4	43.3	45.2	46.3	46.6	47.0	47.1	47.2	47.2	47.3	47.3	47.4	47.4	47.5	47.5
≥ 10000	35.7	44.9	46.3	47.7	48.9	49.2	49.6	49.7	49.8	49.8	49.9	49.9	50.0	50.0	50.1	50.1
≥ 9000	36.4	45.9	47.5	48.9	50.1	50.4	50.8	50.9	51.0	51.1	51.2	51.2	51.2	51.2	51.3	51.3
≥ 8000	37.1	47.1	48.8	50.3	51.5	51.8	52.2	52.4	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.8
≥ 7000	38.2	48.2	50.3	51.9	53.1	53.4	53.8	53.9	54.0	54.0	54.1	54.1	54.2	54.2	54.3	54.3
≥ 6000	38.9	49.1	51.1	52.9	54.1	54.4	54.8	55.0	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.5
≥ 5000	39.3	50.1	52.4	54.3	55.6	55.9	56.3	56.5	56.6	56.7	56.8	56.8	56.9	56.9	56.9	57.0
≥ 4500	40.2	51.7	53.8	55.8	57.1	57.4	57.9	58.1	58.1	58.2	58.4	58.4	58.4	58.4	58.5	58.5
≥ 4000	41.1	52.9	55.0	57.0	58.4	58.7	59.1	59.4	59.5	59.6	59.7	59.7	59.7	59.7	59.8	59.8
≥ 3500	42.1	54.4	56.3	58.5	60.0	60.3	60.7	61.0	61.1	61.2	61.3	61.3	61.3	61.3	61.4	61.4
≥ 3000	42.8	55.1	58.1	60.6	62.1	62.4	62.9	63.2	63.2	63.3	63.4	63.4	63.5	63.5	63.6	63.6
≥ 2500	43.3	57.5	60.2	63.0	64.8	65.2	65.8	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.6	66.6
≥ 2000	45.2	59.8	62.7	65.5	67.4	68.0	68.6	68.9	68.9	69.2	69.4	69.4	69.4	69.4	69.5	69.5
≥ 1800	45.6	60.5	63.4	66.3	68.4	68.8	69.4	69.7	69.7	70.1	70.2	70.2	70.2	70.2	70.3	70.4
≥ 1500	46.1	63.1	66.1	69.1	71.3	71.7	72.4	72.7	72.7	73.1	73.2	73.3	73.3	73.3	73.3	73.4
≥ 1200	47.9	65.4	68.8	72.1	74.3	74.9	75.6	75.9	75.9	76.3	76.3	76.5	76.5	76.5	76.6	76.7
≥ 1000	48.0	67.4	71.2	74.9	77.5	78.0	78.8	79.1	79.3	79.6	79.8	79.8	79.9	79.9	79.9	80.0
≥ 900	48.2	68.6	72.3	76.3	79.0	79.7	80.5	81.0	81.1	81.5	81.6	81.7	81.7	81.7	81.8	81.9
≥ 800	48.3	70.1	74.0	78.2	81.4	82.2	83.2	83.7	83.8	84.2	84.3	84.4	84.4	84.6	84.7	84.7
≥ 700	48.3	71.1	75.4	80.0	83.6	84.6	85.6	86.2	86.3	86.7	87.1	87.2	87.3	87.3	87.4	87.4
≥ 600	48.5	71.8	76.4	81.5	85.5	86.7	88.1	88.7	88.8	89.4	89.8	89.9	90.0	90.0	90.0	90.1
≥ 500	48.5	72.2	77.3	82.8	87.2	88.7	90.2	91.6	91.8	92.5	92.9	93.0	93.1	93.2	93.3	93.4
≥ 400	48.6	72.8	78.2	83.7	88.3	90.0	91.7	93.6	94.0	95.0	95.4	95.7	95.9	95.9	96.0	96.1
≥ 300	48.6	73.1	78.3	83.9	88.7	90.6	92.4	94.7	95.3	96.8	97.6	97.8	98.0	98.0	98.1	98.3
≥ 200	48.6	73.1	78.3	83.9	88.7	90.8	92.9	95.1	95.9	97.7	98.4	98.7	99.0	99.1	99.3	99.4
≥ 100	48.6	73.1	78.3	83.9	88.7	90.8	92.9	95.1	95.9	97.7	98.4	98.9	99.3	99.4	99.7	100.0
0	48.6	73.1	78.3	83.9	88.7	90.8	92.9	95.1	95.9	97.7	98.4	98.9	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1808

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.5	38.7	39.8	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000	40.3	45.5	46.7	47.0	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 18000	41.0	46.2	47.5	47.7	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 16000	41.5	46.9	48.2	48.3	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 14000	42.1	47.7	49.0	49.2	49.4	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 12000	42.3	49.2	50.3	50.7	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000	44.7	51.3	52.3	52.8	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 9000	45.3	51.9	52.7	53.1	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	46.1	52.3	54.2	54.7	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 7000	47.9	54.8	55.3	55.9	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 6000	47.6	55.1	56.9	57.5	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 5000	48.8	56.6	58.5	59.2	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 4500	49.3	57.6	59.5	60.2	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 4000	50.4	59.7	61.7	62.5	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 3500	51.3	61.0	63.1	63.9	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 3000	52.5	62.3	64.4	65.2	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 2500	54.3	64.8	67.4	68.2	69.2	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 2000	55.2	67.5	70.4	71.8	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1800	55.6	68.7	71.0	73.0	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1500	57.4	71.5	75.0	76.6	78.0	78.1	78.4	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1200	58.3	73.9	77.3	79.2	80.6	80.8	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1000	58.8	76.2	79.8	81.8	83.5	83.7	84.1	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 900	59.2	77.8	81.7	83.9	85.7	85.9	86.4	86.6	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 800	59.5	79.7	83.6	86.1	88.1	88.2	89.3	89.3	89.4	89.7	89.8	89.9	89.8	89.8	89.8	89.8
≥ 700	59.7	80.8	85.1	87.6	89.6	89.8	90.7	91.0	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600	59.9	81.6	86.1	89.0	91.0	91.3	92.2	92.8	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 500	59.9	81.9	86.5	89.9	92.2	92.8	93.9	95.1	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	59.9	82.2	87.0	90.5	92.9	93.6	95.4	96.8	97.2	97.7	97.8	97.9	97.9	97.9	97.9	97.9
≥ 300	59.9	82.2	87.0	90.6	93.1	94.1	96.0	97.6	98.1	98.8	98.9	98.9	99.1	99.1	99.1	99.1
≥ 200	59.9	82.4	87.1	90.7	93.3	94.3	96.2	97.9	98.3	99.2	99.4	99.4	99.9	99.9	99.9	99.9
≥ 100	59.9	82.3	87.1	90.7	93.3	94.3	96.2	97.9	98.4	99.2	99.7	99.7	100.0	100.0	100.0	100.0
0	59.9	82.3	87.1	90.7	93.3	94.3	96.2	97.9	98.4	99.2	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1810

DATA PROCESSING BRANCH
USAF ETAC
ATR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NC CEILING ≥ 20000	35.9	39.3	40.3	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
	44.1	48.3	49.2	49.6	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000 ≥ 16000	43.7	49.5	49.9	50.3	50.4	50.5	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
	43.7	49.5	49.9	50.4	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000 ≥ 12000	46.2	51.2	51.7	52.1	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
	46.8	53.3	53.9	54.0	54.2	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000 9000	48.4	54.7	55.3	55.8	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
	48.9	55.4	55.9	56.5	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000 7000	50.0	57.3	57.8	58.4	58.6	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
	51.3	58.3	59.2	59.7	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 6000 5000	52.4	60.0	60.7	61.2	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
	54.2	61.7	62.5	63.1	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 4500 4000	54.7	63.2	64.0	64.6	64.9	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
	56.2	65.3	66.1	67.4	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 3500 3000	56.4	67.1	68.0	68.7	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
	58.2	69.4	70.9	71.8	72.4	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2500 2000	59.1	72.8	73.8	74.6	75.4	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
	60.0	74.6	76.0	76.9	77.8	78.3	78.4	78.5	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8
≥ 1800 1500	60.4	75.4	76.8	77.7	78.5	79.0	79.3	79.3	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7
	61.4	77.7	79.2	80.2	81.2	81.8	82.1	82.2	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7
≥ 1200 1000	61.9	79.5	81.1	82.5	84.1	84.7	85.3	85.3	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9
	62.1	80.4	82.3	84.1	85.7	86.5	87.3	87.5	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 900 800	62.2	81.6	83.4	85.4	87.1	87.9	88.9	89.1	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7
	62.5	82.5	84.4	86.5	88.5	89.4	90.4	90.8	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3
≥ 700 600	62.8	83.3	85.2	87.6	89.6	90.6	91.6	92.2	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8
	62.7	83.7	85.8	88.5	90.6	91.8	92.8	93.6	94.1	94.2	94.2	94.2	94.4	94.4	94.4	94.4
≥ 500 400	62.8	84.2	86.5	89.4	91.7	93.2	94.5	95.5	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5
	62.8	84.6	87.1	90.2	92.7	94.3	95.7	96.8	97.5	97.7	97.8	97.9	98.1	98.1	98.1	98.1
≥ 300 200	62.8	84.7	87.4	90.6	93.2	94.8	96.4	97.5	98.2	98.5	98.7	98.8	99.0	99.1	99.1	99.1
	62.8	84.9	87.4	90.6	93.2	94.8	96.4	97.9	98.6	99.0	99.2	99.3	99.8	99.9	99.9	99.9
≥ 100 0	62.8	84.9	87.4	90.6	93.2	94.8	96.4	97.9	98.6	99.0	99.2	99.3	99.8	99.9	99.9	99.9
	62.8	84.9	87.4	90.6	93.2	94.8	96.4	97.9	98.6	99.0	99.2	99.3	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1813

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.2	42.6	43.4	44.2	44.5	44.5	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9
≥ 20000	38.8	48.9	50.1	50.9	51.3	51.3	51.8	51.8	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0
< 20000	39.4	50.4	51.1	52.0	52.3	52.4	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	39.3	49.3	50.4	51.3	51.6	51.7	52.1	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
< 16000	39.4	50.4	51.1	52.0	52.3	52.4	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	40.0	50.8	52.2	53.1	53.6	53.7	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
< 12000	41.2	52.7	54.1	55.2	55.7	55.8	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	42.4	54.3	55.8	57.0	57.5	57.5	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2
< 9000	42.6	54.5	56.3	57.5	58.0	58.0	58.5	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7
≥ 8000	43.7	56.4	57.8	59.0	59.6	59.6	60.1	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3
< 7000	44.1	58.1	59.5	60.7	61.4	61.4	61.8	61.8	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.1
≥ 6000	45.7	59.4	61.0	62.2	62.8	62.8	63.3	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5
< 5000	47.4	61.5	63.3	64.6	65.3	65.3	65.8	65.8	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.1
≥ 4500	48.1	63.5	65.2	66.8	67.5	67.7	68.1	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4
< 4000	48.6	64.7	66.5	68.2	68.8	69.0	69.4	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	49.7	66.4	68.2	69.9	70.7	70.9	71.4	71.4	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7
< 3000	51.3	69.2	71.0	72.7	73.5	73.8	74.3	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6
≥ 2500	51.8	71.4	73.6	75.5	76.4	76.7	77.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
< 2000	52.7	73.2	75.8	77.7	79.0	79.3	80.0	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1800	53.2	74.3	77.0	79.0	80.4	80.8	81.5	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9
< 1500	53.5	76.2	79.1	81.5	83.1	83.5	84.3	84.4	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7
≥ 1200	54.2	77.9	81.0	83.7	85.6	86.0	86.9	87.0	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3
< 1000	54.2	78.4	81.5	84.5	86.6	87.1	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	54.2	78.5	81.6	84.7	87.0	87.5	88.7	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2
< 800	54.2	79.5	82.7	85.9	88.5	89.0	90.4	90.6	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥ 700	54.2	80.3	83.4	86.7	89.4	90.0	91.6	91.7	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3
< 600	54.2	80.3	83.8	87.4	90.3	91.0	93.0	93.2	93.5	93.8	93.8	94.0	94.0	94.0	94.0	94.0
≥ 500	54.2	80.8	84.6	88.5	91.8	92.6	94.9	95.3	95.6	96.0	96.1	96.1	96.1	96.2	96.2	96.2
< 400	54.2	81.2	85.0	89.2	92.6	93.5	96.0	96.6	96.8	97.3	97.5	97.6	97.6	97.8	97.8	97.8
≥ 300	54.2	81.2	85.0	89.4	92.9	93.8	96.7	97.3	97.6	98.2	98.5	98.6	98.6	98.8	98.8	98.8
< 200	54.2	81.2	85.0	89.4	93.0	94.0	97.1	97.8	98.2	98.8	99.0	99.3	99.4	99.7	99.7	99.7
≥ 100	54.2	81.2	85.0	89.4	93.0	94.0	97.1	97.8	98.3	98.9	99.3	99.4	99.6	99.8	99.9	100.0
0	54.2	81.2	85.0	89.4	93.0	94.0	97.1	97.8	98.3	98.9	99.4	99.4	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1806

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13829 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,53-74 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.4	39.9	42.4	43.2	44.1	44.2	44.5	44.7	44.8	45.2	45.2	45.2	45.3	45.3	45.4	45.7
≥ 20000	36.5	45.8	47.4	48.6	49.7	49.8	50.1	50.3	50.4	50.8	50.8	50.8	50.9	50.9	51.0	51.3
≥ 18000	36.7	46.1	47.7	48.8	50.0	50.1	50.4	50.6	50.7	51.1	51.1	51.1	51.2	51.2	51.3	51.6
≥ 16000	37.0	46.4	48.2	49.5	50.7	50.7	51.1	51.3	51.3	51.7	51.7	51.7	51.9	51.9	51.9	52.2
≥ 14000	37.7	47.9	49.4	50.8	51.9	52.0	52.3	52.7	52.8	53.2	53.2	53.2	53.3	53.3	53.4	53.7
≥ 12000	38.2	49.4	51.0	52.3	53.7	53.8	54.2	54.5	54.5	54.9	54.9	54.9	55.1	55.1	55.1	55.4
≥ 10000	39.4	51.4	53.0	54.7	55.8	55.9	56.4	56.6	56.6	57.0	57.0	57.0	57.2	57.2	57.3	57.5
≥ 9000	39.5	52.1	53.7	55.3	56.5	56.5	57.0	57.3	57.3	57.7	57.7	57.7	57.9	57.9	57.9	58.2
≥ 8000	40.9	53.5	55.1	56.8	58.0	58.0	58.6	58.8	58.9	59.2	59.2	59.2	59.4	59.4	59.5	59.7
≥ 7000	42.0	55.3	56.9	58.6	59.8	59.9	60.4	60.6	60.7	61.1	61.1	61.1	61.2	61.2	61.3	61.6
≥ 6000	42.9	56.3	58.5	60.2	61.5	61.5	62.1	62.3	62.3	62.7	62.7	62.7	62.9	62.9	63.0	63.2
≥ 5000	44.0	59.3	60.9	62.8	64.2	64.2	64.8	65.0	65.1	65.4	65.4	65.4	65.6	65.6	65.7	65.9
≥ 4500	45.1	61.2	63.2	65.2	66.7	66.8	67.4	67.7	67.7	68.1	68.1	68.1	68.3	68.3	68.3	68.6
≥ 4000	45.7	62.2	64.3	66.5	67.9	68.1	68.7	68.9	69.0	69.4	69.4	69.5	69.7	69.7	69.7	70.0
≥ 3500	46.8	64.1	66.4	68.7	70.2	70.3	71.0	71.2	71.3	71.7	71.8	71.8	71.9	71.9	72.0	72.3
≥ 3000	47.1	65.0	68.9	71.0	72.4	72.6	73.3	73.5	73.5	74.0	74.1	74.1	74.3	74.3	74.4	74.6
≥ 2500	48.3	68.8	71.7	74.2	75.7	75.9	76.5	76.7	76.8	77.3	77.4	77.4	77.6	77.6	77.6	77.9
≥ 2000	49.3	71.3	74.6	77.2	79.0	79.1	79.8	80.1	80.1	80.6	80.7	80.7	80.9	80.9	81.0	81.2
≥ 1800	49.4	72.1	75.5	78.2	80.1	80.3	81.0	81.2	81.3	81.8	81.9	81.9	82.1	82.1	82.1	82.4
≥ 1500	49.9	73.3	77.1	80.2	82.0	82.2	83.0	83.3	83.3	83.8	83.9	83.9	84.1	84.1	84.2	84.4
≥ 1200	50.3	75.4	79.3	82.6	84.7	84.9	85.8	86.1	86.2	86.7	86.8	86.8	86.9	86.9	87.0	87.3
≥ 1000	50.3	76.3	80.9	83.9	86.3	86.5	87.5	87.9	87.9	88.5	88.6	88.6	88.8	88.8	88.8	89.1
≥ 900	50.5	76.6	80.9	84.4	87.0	87.4	88.5	88.9	88.9	89.6	89.8	89.8	89.9	89.9	90.0	90.3
≥ 800	50.6	77.3	81.6	85.4	87.9	88.4	89.6	90.0	90.0	90.8	90.9	90.9	91.0	91.0	91.1	91.4
≥ 700	50.6	77.4	81.8	85.7	88.3	88.8	90.1	90.5	90.6	91.4	91.5	91.5	91.6	91.6	91.7	92.0
≥ 600	50.6	77.7	82.4	86.4	89.3	89.8	91.2	91.9	92.0	92.8	92.9	92.9	93.1	93.1	93.1	93.4
≥ 500	50.6	78.3	83.2	87.5	90.7	91.3	93.8	94.3	94.4	95.2	95.3	95.3	95.5	95.5	95.6	95.8
≥ 400	50.6	78.1	83.4	87.8	91.3	91.9	94.9	95.4	95.5	96.4	96.5	96.5	96.7	96.8	96.8	97.1
≥ 300	50.6	78.1	83.6	88.0	91.7	92.4	95.6	96.1	96.3	97.2	97.3	97.3	97.5	97.7	97.8	98.1
≥ 200	50.6	78.1	83.6	88.2	92.0	92.6	96.0	96.6	96.8	98.1	98.3	98.3	98.5	99.1	99.2	99.6
≥ 100	50.6	78.1	83.6	88.2	92.0	92.6	96.0	96.5	96.9	98.1	98.4	98.5	99.1	99.5	99.6	100.0
0	50.6	78.1	83.6	88.2	92.0	92.6	96.0	96.6	96.9	98.1	98.4	98.5	99.1	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1806

DATA PROCESSING BRANCH
USAF, ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13865 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
(M) CEILING	54.6	45.9	46.9	48.3	49.5	49.5	49.8	49.9	49.8	49.8	49.9	49.9	50.0	50.1	50.2	50.3
≥ 20000	38.2	51.2	51.6	53.0	54.6	54.6	54.9	54.9	54.9	54.9	55.0	55.0	55.1	55.2	55.3	55.4
≥ 18000	38.7	50.0	52.1	53.6	55.2	55.2	55.5	55.6	55.6	55.6	55.8	55.8	55.7	55.8	55.9	56.0
≥ 16000	38.7	51.1	52.4	53.9	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.1	56.2	56.3
≥ 14000	39.7	52.4	53.8	55.3	56.9	56.9	57.2	57.3	57.3	57.3	57.4	57.4	57.5	57.6	57.7	57.8
≥ 12000	39.8	53.0	54.3	56.0	57.6	57.6	57.9	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.4	58.5
≥ 10000	41.3	55.9	57.2	58.9	60.5	60.5	60.8	61.0	61.0	61.0	61.0	61.0	61.1	61.2	61.3	61.4
≥ 9000	41.3	56.7	58.0	59.7	61.3	61.3	61.6	61.8	61.8	61.8	61.8	61.8	61.9	62.0	62.1	62.2
≥ 8000	42.1	57.9	59.3	61.0	62.6	62.6	62.9	63.0	63.0	63.0	63.1	63.1	63.2	63.3	63.4	63.5
≥ 7000	42.1	58.0	60.9	62.2	63.8	63.8	64.1	64.2	64.3	64.3	64.3	64.3	64.5	64.5	64.6	64.7
≥ 6000	43.9	60.5	62.1	63.8	65.4	65.4	65.7	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.2	66.3
≥ 5000	45.1	62.0	64.3	66.1	68.1	68.1	68.4	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.9	69.0
≥ 4500	46.0	63.8	65.7	67.5	69.6	69.6	69.9	70.0	70.0	70.0	70.1	70.1	70.2	70.3	70.4	70.5
≥ 4000	46.7	65.7	67.8	69.9	72.0	72.0	72.3	72.5	72.5	72.5	72.6	72.6	72.7	72.7	72.8	72.9
≥ 3500	47.4	66.9	69.0	71.3	73.4	73.4	73.7	73.9	73.9	73.9	74.0	74.0	74.1	74.2	74.3	74.3
≥ 3000	48.3	68.7	70.9	73.6	75.2	76.2	76.6	76.7	76.7	76.7	76.8	76.8	76.9	77.0	77.1	77.2
≥ 2500	50.3	72.0	74.3	77.2	80.0	80.2	80.6	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.2	81.2
≥ 2000	51.1	74.1	76.6	79.7	82.7	83.0	83.6	83.8	83.8	83.9	83.9	83.9	84.0	84.1	84.2	84.3
≥ 1800	51.4	74.3	77.3	80.5	83.6	83.9	84.6	84.7	84.8	84.8	84.9	84.9	85.0	85.1	85.2	85.3
≥ 1500	51.3	75.0	78.6	82.9	85.1	85.5	86.1	86.2	86.3	86.4	86.5	86.5	86.5	86.7	86.8	86.9
≥ 1200	52.7	77.4	80.5	84.1	87.3	87.7	88.6	88.8	88.8	89.0	89.1	89.0	89.1	89.2	89.3	89.4
≥ 1000	53.1	78.9	82.4	86.4	89.8	90.3	91.2	91.4	91.4	91.6	91.7	91.7	91.8	91.8	92.0	92.0
≥ 900	53.0	79.4	82.9	86.8	90.5	91.0	92.0	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.8	92.8
≥ 800	53.1	79.6	83.2	87.3	91.3	91.8	92.8	93.1	93.1	93.3	93.4	93.4	93.5	93.6	93.7	93.7
≥ 700	53.3	80.4	84.2	88.7	92.8	93.2	94.3	94.6	94.6	94.8	95.0	95.0	95.1	95.2	95.3	95.3
≥ 600	53.3	80.5	84.7	89.3	93.5	94.0	95.0	95.3	95.3	95.6	95.8	95.8	95.9	96.1	96.3	96.3
≥ 500	53.3	80.8	85.2	90.1	94.5	95.0	96.1	96.4	96.4	96.7	96.9	96.9	97.1	97.2	97.4	97.4
≥ 400	53.3	80.9	85.5	90.3	95.0	95.6	96.7	97.0	97.1	97.4	97.5	97.5	97.6	97.9	98.0	98.1
≥ 300	53.3	80.9	85.6	90.6	95.3	95.9	97.1	97.5	97.5	97.8	98.0	98.0	98.3	98.3	98.5	98.6
≥ 200	53.3	80.9	85.6	90.7	95.3	96.0	97.3	97.8	97.9	98.2	98.5	98.5	98.9	99.0	99.2	99.4
≥ 100	53.3	80.9	85.6	90.7	95.3	96.0	97.3	97.9	98.0	98.3	98.6	98.6	98.9	99.3	99.5	99.8
≥ 0	53.3	80.9	85.6	90.7	95.3	96.0	97.3	97.9	98.0	98.3	98.6	98.6	98.9	99.3	99.5	99.8

	100.0
	100.0

TOTAL NUMBER OF OBSERVATIONS 1629

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.5	42.2	44.5	46.1	47.0	47.3	47.8	47.8	47.8	47.8	47.8	47.8	48.0	48.0	48.2	48.2
≥ 20000	33.3	46.4	48.3	50.2	51.3	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.4	52.4	52.6	52.6
≥ 18000	33.5	46.2	48.4	50.3	51.6	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.7	52.7	52.9	52.9
≥ 16000	33.8	46.6	48.9	50.8	52.0	52.4	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.3	53.3
≥ 14000	34.5	47.4	49.7	51.6	52.8	53.2	53.6	53.6	53.6	53.6	53.6	53.6	54.0	54.0	54.1	54.1
≥ 12000	35.1	48.2	50.8	52.9	54.2	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.4	55.4	55.6	55.6
≥ 10000	36.4	50.0	53.0	55.1	56.4	56.8	57.3	57.3	57.3	57.3	57.3	57.3	57.6	57.6	57.8	57.8
≥ 9000	36.7	51.4	53.7	55.8	57.1	57.5	58.0	58.0	58.0	58.0	58.0	58.0	58.3	58.3	58.5	58.5
≥ 8000	37.2	52.3	54.0	56.7	58.0	58.4	58.9	58.9	58.9	58.9	58.9	58.9	59.2	59.2	59.4	59.4
≥ 7000	38.2	53.6	56.0	58.1	59.5	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.8	60.8	60.9	60.9
≥ 6000	39.5	55.3	57.9	60.1	61.7	62.1	62.7	62.7	62.7	62.7	62.7	62.7	63.0	63.0	63.2	63.2
≥ 5000	40.4	57.0	59.7	62.0	63.8	64.2	64.7	64.7	64.7	64.7	64.7	64.7	65.1	65.1	65.2	65.2
≥ 4500	41.9	58.7	61.0	63.3	65.1	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.5	66.5
≥ 4000	42.1	59.3	62.4	64.7	66.5	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	68.0	68.0
≥ 3500	43.0	61.3	64.4	66.7	68.6	69.0	69.7	69.7	69.7	69.7	69.8	69.8	70.1	70.1	70.3	70.3
≥ 3000	44.1	62.7	66.2	68.8	71.0	71.4	72.1	72.1	72.1	72.2	72.2	72.2	72.5	72.5	72.7	72.7
≥ 2500	45.8	66.3	70.0	73.0	75.5	75.9	76.6	76.6	76.6	76.6	76.7	76.7	77.0	77.0	77.2	77.2
≥ 2000	46.7	68.7	72.7	75.8	78.5	79.0	79.8	79.8	79.8	79.9	80.0	80.0	80.3	80.3	80.4	80.4
≥ 1800	47.4	69.3	73.4	76.5	79.4	79.8	80.6	80.6	80.6	80.7	80.8	80.9	81.1	81.1	81.3	81.3
≥ 1500	47.9	70.9	75.2	78.5	81.5	82.1	83.1	83.1	83.1	83.2	83.3	83.3	83.6	83.6	83.8	83.8
≥ 1200	48.5	72.5	77.1	80.9	84.1	84.7	86.0	86.0	86.0	86.1	86.1	86.2	86.6	86.6	86.8	86.8
≥ 1000	48.7	73.7	78.7	82.9	86.6	87.1	88.6	88.7	88.7	88.8	88.8	89.0	89.3	89.3	89.5	89.5
≥ 900	48.8	74.2	79.5	83.8	87.6	88.2	89.8	89.8	89.9	90.1	90.1	90.2	90.6	90.6	90.7	90.7
≥ 800	49.2	74.7	80.2	84.7	88.7	89.3	91.0	91.1	91.2	91.4	91.4	91.5	91.8	91.8	92.0	92.0
≥ 700	49.3	75.0	80.6	85.3	89.5	90.2	92.0	92.2	92.3	92.5	92.5	92.6	92.9	92.9	93.1	93.1
≥ 600	49.1	75.7	81.4	86.3	90.8	91.5	93.4	93.6	93.7	93.9	94.1	94.1	94.5	94.5	94.6	94.8
≥ 500	49.1	75.8	81.7	86.9	91.7	92.4	94.4	94.6	94.7	94.9	95.0	95.1	95.5	95.5	95.9	95.9
≥ 400	49.3	76.6	82.0	87.6	92.5	93.3	95.4	95.6	95.8	96.0	96.2	96.3	96.7	96.8	97.1	97.1
≥ 300	49.1	76.0	82.0	87.6	92.6	93.4	95.9	96.2	96.3	96.6	96.8	96.8	97.2	97.3	97.7	97.8
≥ 200	49.1	76.2	82.1	87.7	92.8	93.7	96.2	96.7	96.8	97.5	97.8	97.9	98.1	98.4	98.9	99.1
≥ 100	49.1	76.4	82.1	87.7	92.8	93.7	96.2	96.8	97.1	97.8	98.2	98.2	98.9	99.1	99.6	99.9
0	49.1	76.4	82.1	87.7	92.8	93.7	96.2	96.8	97.1	97.8	98.3	98.2	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1631

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	COLUMBUS AFB MISSISSIPPI	42-46,50-74	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	[illegible]	[illegible]	36.2	38.2	39.4	39.7	40.3	40.9	41.2	41.5	41.7	41.7	41.8	41.8	41.8	41.8
	[illegible]	[illegible]	40.4	42.4	43.8	44.2	44.8	45.5	45.9	46.2	46.3	46.4	46.5	46.5	46.5	46.5
≥ 18000 ≥ 16000	[illegible]	[illegible]	40.4	42.5	43.9	44.2	44.9	45.6	46.0	46.3	46.5	46.5	46.6	46.6	46.6	46.6
	[illegible]	[illegible]	41.0	43.1	44.5	44.8	45.5	46.2	46.6	46.9	47.1	47.1	47.2	47.2	47.2	47.2
≥ 14000 ≥ 12000	[illegible]	39.3	41.8	43.9	45.3	45.8	46.4	47.2	47.5	47.9	48.1	48.1	48.2	48.2	48.2	48.2
	[illegible]	[illegible]	43.4	45.6	47.1	47.5	48.2	48.9	49.3	49.6	49.8	49.9	49.9	49.9	49.9	49.9
≥ 10000 ≥ 9000	[illegible]	[illegible]	45.8	48.0	49.4	49.9	50.6	51.3	51.7	52.0	52.3	52.3	52.3	52.3	52.3	52.4
	[illegible]	[illegible]	46.4	48.6	50.1	50.5	51.2	52.0	52.3	52.6	52.8	52.9	52.9	52.9	52.9	53.0
≥ 8000 ≥ 7000	[illegible]	[illegible]	48.2	50.5	52.0	52.5	53.2	54.0	54.4	54.7	54.9	54.9	55.0	55.0	55.0	55.0
	[illegible]	[illegible]	50.3	52.6	54.0	54.5	55.2	56.1	56.5	56.8	57.1	57.1	57.1	57.1	57.1	57.2
≥ 6000 ≥ 5000	[illegible]	[illegible]	51.4	53.9	55.5	56.0	56.7	57.5	57.9	58.2	58.5	58.5	58.5	58.5	58.5	58.6
	[illegible]	[illegible]	52.6	55.0	56.7	57.3	58.1	59.0	59.3	59.6	59.8	59.9	59.9	59.9	59.9	60.0
≥ 4500 ≥ 4000	[illegible]	[illegible]	53.5	56.1	57.9	58.5	59.3	60.1	60.5	60.8	61.0	61.0	61.1	61.1	61.1	61.2
	[illegible]	[illegible]	54.9	57.2	59.3	59.9	60.7	61.7	62.0	62.3	62.6	62.6	62.6	62.6	62.6	62.7
≥ 3500 ≥ 3000	[illegible]	[illegible]	56.3	59.0	61.1	61.8	62.6	63.7	64.0	64.4	64.7	64.7	64.7	64.7	64.7	64.8
	[illegible]	[illegible]	58.7	61.5	63.9	64.5	65.4	66.4	66.8	67.2	67.5	67.5	67.5	67.5	67.5	67.6
≥ 2500 ≥ 2000	[illegible]	[illegible]	62.1	65.1	67.5	68.2	69.1	70.2	70.6	70.9	71.3	71.3	71.3	71.3	71.3	71.4
	[illegible]	[illegible]	64.7	67.8	70.2	71.0	72.2	73.3	73.7	74.0	74.4	74.5	74.5	74.5	74.6	74.7
≥ 1800 ≥ 1500	[illegible]	[illegible]	66.0	69.3	71.8	72.5	73.7	74.8	75.2	75.6	76.0	76.0	76.1	76.1	76.1	76.3
	[illegible]	[illegible]	69.0	72.9	75.6	76.4	77.7	78.9	79.3	79.6	80.1	80.1	80.1	80.1	80.2	80.3
≥ 1200 ≥ 1000	[illegible]	[illegible]	70.6	74.8	78.1	78.9	80.3	81.5	81.9	82.3	82.6	82.7	82.8	82.8	82.8	82.9
	[illegible]	[illegible]	72.6	77.3	80.9	81.7	83.3	84.6	85.0	85.4	85.6	85.8	85.9	85.9	86.0	86.1
≥ 900 ≥ 800	[illegible]	[illegible]	73.6	78.7	82.5	83.4	85.0	86.5	86.9	87.3	87.7	87.8	87.9	87.9	88.0	88.1
	[illegible]	[illegible]	74.5	79.8	83.5	84.7	86.3	87.9	88.3	88.7	89.1	89.2	89.4	89.4	89.4	89.6
≥ 700 ≥ 600	[illegible]	[illegible]	75.6	81.2	85.6	86.6	88.2	89.9	90.4	90.8	91.2	91.3	91.5	91.5	91.5	91.7
	[illegible]	[illegible]	76.4	82.0	86.8	87.8	89.5	91.4	91.9	92.5	93.0	93.1	93.3	93.3	93.4	93.5
≥ 500 ≥ 400	[illegible]	[illegible]	77.3	83.1	88.0	89.0	91.1	93.1	93.6	94.3	94.8	94.8	95.1	95.2	95.3	95.4
	[illegible]	[illegible]	77.5	83.7	88.8	89.9	92.1	94.4	95.0	95.8	96.3	96.4	96.8	96.9	97.	97.1
≥ 300 ≥ 200	[illegible]	[illegible]	77.3	83.8	89.1	90.5	92.9	95.2	95.8	96.7	97.0	97.5	98.1	98.2	98.3	98.5
	[illegible]	[illegible]	77.5	83.9	89.3	90.6	93.1	95.4	96.1	97.0	97.3	97.9	98.8	98.9	99.1	99.4
≥ 100 0	[illegible]	[illegible]	77.5	83.9	89.3	90.6	93.1	95.5	96.1	97.1	97.9	98.0	98.9	99.1	99.3	99.9
	[illegible]	[illegible]	77.5	83.9	89.3	90.6	93.1	95.5	96.1	97.1	97.9	98.0	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1620

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4825 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 43-46,59-74 YEARS — FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING	28.6	36.3	37.3	37.6	37.9	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5
≥ 20000	34.3	42.8	44.3	44.7	45.1	45.4	45.5	45.5	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.8
≥ 18000	38.3	43.3	44.5	44.9	45.4	45.7	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.1
≥ 16000	38.7	43.4	44.6	45.3	45.8	46.0	46.2	46.2	46.4	46.3	46.3	46.3	46.3	46.3	46.3	46.5
≥ 14000	36.8	44.6	46.1	46.5	47.1	47.4	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.8
≥ 12000	36.8	46.5	48.1	48.5	49.1	49.4	49.5	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.8
≥ 10000	38.3	48.3	50.5	50.9	51.6	51.8	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3
≥ 9000	38.7	49.5	51.4	51.9	52.6	52.8	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.3
≥ 8000	40.3	52.2	53.9	54.5	55.2	55.5	55.7	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0
≥ 7000	41.3	53.3	55.6	56.2	56.9	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7
≥ 6000	41.9	54.3	56.7	57.5	58.2	58.5	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1
≥ 5000	42.7	56.3	58.3	59.3	60.0	60.4	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.0
≥ 4500	43.2	57.3	59.3	60.4	61.2	61.6	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.3
≥ 4000	43.9	58.3	60.4	61.6	62.4	62.9	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.7
≥ 3500	44.3	59.4	61.5	62.7	63.5	64.1	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.0
≥ 3000	45.5	61.3	64.2	65.5	66.6	67.2	67.6	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.0
≥ 2500	47.1	64.7	67.1	68.5	69.6	70.3	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.2
≥ 2000	49.1	67.7	70.4	72.0	73.4	74.1	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1
≥ 1800	49.7	68.8	71.6	73.2	74.6	75.4	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4
≥ 1500	51.3	70.4	74.4	76.3	78.0	78.8	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	80.0
≥ 1200	51.9	74.1	77.5	79.4	81.3	82.2	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4
≥ 1000	52.7	76.5	80.5	82.7	84.9	85.8	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.2
≥ 900	52.8	77.2	81.1	83.4	85.7	86.7	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3
≥ 800	52.9	77.5	82.1	84.8	87.3	88.4	89.3	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.3
≥ 700	53.0	78.4	83.0	85.7	88.6	89.7	90.7	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.8
≥ 600	53.1	79.2	84.2	87.1	90.0	91.5	92.5	93.2	93.4	93.7	93.8	93.8	93.9	93.9	93.9	94.0
≥ 500	53.3	79.7	84.9	88.0	91.3	92.7	94.1	95.1	95.5	95.8	96.0	96.0	96.1	96.1	96.1	96.3
≥ 400	53.3	80.1	85.7	89.0	92.3	93.7	95.2	96.3	96.7	97.1	97.5	97.5	97.7	97.7	97.7	97.9
≥ 300	53.3	80.3	85.9	89.2	92.7	94.3	95.9	97.2	97.7	98.2	98.8	98.8	99.0	99.0	99.1	99.4
≥ 200	53.3	80.3	85.9	89.2	92.7	94.3	96.0	97.3	97.8	98.4	99.1	99.1	99.2	99.3	99.4	99.7
≥ 100	53.3	80.3	85.9	89.2	92.7	94.3	96.0	97.3	97.8	98.5	99.1	99.1	99.3	99.3	99.4	99.9
0	53.3	80.4	85.9	89.2	92.7	94.3	96.0	97.3	97.8	98.5	99.1	99.1	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1627

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13425 (STATION) | C COLUMBUS AFB, MISSISSIPPI (STATION NAME) | 42-46,59-74 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.8	43.0	45.6	46.0	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 20000	43.1	48.7	49.2	49.4	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 18000	43.1	48.8	49.4	49.6	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	43.1	48.9	49.5	50.1	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 14000	45.0	50.9	51.5	51.9	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 12000	45.1	51.0	52.5	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 10000	47.8	54.2	54.8	55.0	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 9000	48.3	55.1	55.6	55.8	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 8000	49.3	57.1	57.7	58.0	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 7000	49.3	58.2	58.9	59.2	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 6000	51.1	59.4	60.2	60.5	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	52.1	61.2	62.0	62.6	63.1	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 4500	52.7	62.0	62.8	63.4	63.9	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4000	53.0	62.3	63.1	64.4	65.0	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3500	55.1	64.7	65.6	66.7	67.3	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 3000	57.3	68.3	69.3	70.4	71.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 2500	60.8	72.4	73.4	74.7	75.4	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2000	62.1	73.7	77.3	79.2	80.0	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1800	63.3	76.5	78.5	80.4	81.3	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1500	64.2	79.7	81.5	83.4	84.6	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1200	65.3	81.7	83.7	85.6	87.0	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	65.8	82.9	84.9	87.2	88.9	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	65.8	83.7	85.8	88.1	90.0	90.4	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	66.0	84.3	86.7	89.2	91.4	91.8	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700	66.3	85.0	87.5	90.1	92.4	92.9	93.9	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	66.4	85.3	88.8	91.9	94.3	94.9	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 500	66.7	86.4	89.5	92.7	95.2	95.8	97.4	97.7	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.5
≥ 400	66.7	86.5	89.7	93.0	95.5	96.2	98.0	98.5	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	66.7	86.5	89.7	93.1	95.6	96.4	98.2	98.7	98.8	99.6	99 [illegible]	99.8	99.9	99.9	99.9	99.9
≥ 200	66.7	86.5	89.7	93.1	95.6	96.4	98.2	98.8	98.9	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	66.7	86.5	89.7	93.1	95.7	96.4	98.2	98.8	98.9	99.7	99.8	99.9	99.9	99.9	100.0	100.0
0	66.7	86.5	89.7	93.1	95.7	96.4	98.2	98.8	98.9	99.7	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1627

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

8 STATION | COLUMBUS AFB, MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	[illegible]	41.7	42.3	42.6	42.7	42.7	42.7	42.7	[illegible]	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	[illegible]	[illegible]	51.8	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 18000	[illegible]	[illegible]	52.6	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 16000	[illegible]	[illegible]	52.9	53.2	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 14000	[illegible]	[illegible]	53.5	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 12000	[illegible]	55.9	56.1	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 10000	[illegible]	[illegible]	58.2	58.9	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 9000	[illegible]	[illegible]	58.6	59.4	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	[illegible]	60.2	60.4	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
≥ 7000	[illegible]	[illegible]	62.0	62.8	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 6000	[illegible]	[illegible]	63.4	64.3	64.7	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 5000	[illegible]	[illegible]	65.3	66.5	66.9	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4500	[illegible]	66.4	68.8	68.0	68.5	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4000	[illegible]	[illegible]	68.9	70.2	70.7	70.9	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	[illegible]	[illegible]	70.0	71.9	72.3	72.5	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3000	[illegible]	[illegible]	73.9	75.2	75.8	76.0	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2500	[illegible]	77.1	77.9	79.4	80.3	80.5	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	[illegible]	[illegible]	81.1	83.2	83.9	84.1	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	86.3	80.7	81.7	83.7	84.5	84.7	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1500	[illegible]	82.2	83.3	85.5	86.5	86.7	87.3	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	87.9	83.3	84.4	86.9	88.2	88.4	89.1	89.4	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	88.8	84.5	86.2	88.6	90.1	90.7	91.5	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	89.0	85.3	86.5	89.0	90.0	91.1	92.1	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	89.1	85.6	87.1	89.8	91.9	92.5	93.6	94.0	94.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	89.2	86.1	87.4	90.3	92.6	93.4	94.7	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	89.3	86.4	87.6	90.8	93.4	94.2	95.5	95.9	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4
≥ 500	89.4	86.5	88.0	91.2	94.2	95.1	96.6	97.3	97.5	97.6	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	89.5	86.5	88.1	91.3	94.6	95.6	97.2	98.2	98.4	98.8	99.1	99.1	99.3	99.3	99.3	99.3
≥ 300	89.4	86.7	88.1	91.4	94.7	95.7	97.5	98.5	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.8
≥ 200	89.4	86.7	88.1	91.5	94.8	95.9	97.7	98.7	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	89.4	86.7	88.1	91.5	94.8	95.9	97.7	98.7	98.9	99.4	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	89.4	86.7	88.1	91.5	94.8	95.9	97.7	98.7	98.9	99.4	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1627

USAF ETAC FORM JUL 60 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 to	≥¼	≥0
NO CEILING	33.2	45.4	46.0	47.3	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	53.1	53.3	53.8	54.9	55.2	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	45.4	53.7	54.2	55.3	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 16000	53.3	54.1	54.6	55.7	56.0	56.0	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	46.5	55.1	55.5	56.7	57.0	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 12000	48.3	57.3	57.8	58.9	59.2	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 10000	49.8	58.3	59.0	60.8	61.1	61.1	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	50.1	59.2	60.2	61.4	61.7	61.7	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 8000	51.1	61.2	62.0	63.2	63.5	63.5	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	51.3	62.3	63.2	64.5	64.9	64.9	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	52.7	64.1	65.2	66.6	67.2	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 5000	54.4	66.3	68.1	69.8	70.4	70.4	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	55.9	68.4	69.8	71.6	72.4	72.4	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	57.1	70.2	71.6	73.4	74.6	74.6	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	58.3	71.7	73.2	75.2	76.2	76.2	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3000	59.3	73.2	75.3	77.5	78.7	78.7	79.1	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	60.4	76.1	77.9	80.3	81.6	81.6	82.3	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	61.1	78.5	80.6	83.2	84.8	84.8	85.6	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	61.2	79.1	81.1	83.8	85.4	85.5	86.3	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	61.5	80.1	82.4	85.5	87.4	87.6	88.5	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	61.7	81.2	83.7	86.9	89.1	89.3	90.4	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	62.1	82.3	85.0	88.4	91.1	91.2	92.5	93.6	93.8	94.0	94.1	94.0	94.0	94.0	94.0	94.0
≥ 900	62.1	82.7	85.5	88.9	91.7	91.9	93.4	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	62.3	83.1	86.1	89.7	92.8	93.2	94.8	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	62.4	83.4	86.3	90.0	93.7	94.0	95.7	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	62.4	83.5	86.4	90.2	94.0	94.6	96.1	97.1	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	62.3	83.5	86.6	90.6	94.5	94.9	96.7	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	62.3	83.5	86.6	90.8	94.8	95.4	97.3	98.4	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	62.3	83.5	86.6	90.8	94.9	95.4	97.5	98.9	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	62.3	83.5	86.6	90.8	95.0	95.6	97.7	99.0	99.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9
≥ 100	62.3	83.5	86.6	90.8	95.0	95.6	97.7	99.0	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0
0	62.3	83.5	86.6	90.8	95.0	95.6	97.7	99.0	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS. 1622

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13845 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 63-64,69-74 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.2	47.4	48.3	49.6	50.6	50.6	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	42.3	52.2	53.2	54.7	55.8	55.8	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 18000	42.3	52.2	53.2	55.0	56.0	56.0	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	42.3	52.2	53.2	55.1	56.1	56.4	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 14000	42.3	52.3	53.4	56.0	57.6	57.6	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2
≥ 12000	42.4	52.7	53.8	56.8	58.1	59.1	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8
≥ 10000	42.5	52.9	53.2	60.4	61.5	61.5	61.8	61.9	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1
≥ 9000	42.5	52.9	53.2	61.0	62.0	62.0	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7
≥ 8000	42.7	53.4	54.8	63.0	64.0	64.0	64.4	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
≥ 7000	42.8	53.5	54.9	63.2	64.5	65.6	65.6	66.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3
≥ 6000	43.1	54.1	55.6	67.2	68.3	68.3	68.7	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0
≥ 5000	43.1	54.6	56.2	70.1	71.4	71.4	72.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5
≥ 4500	43.2	54.7	69.4	71.2	72.5	72.5	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6
≥ 4000	43.3	54.8	71.7	73.7	75.1	75.1	75.8	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 3500	54.0	70.7	72.9	75.1	76.6	76.8	77.5	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9
≥ 3000	55.7	72.4	74.6	76.8	78.6	78.8	79.6	79.8	79.9	79.9	79.9	79.9	80.1	80.1	80.2	80.2
≥ 2500	57.2	74.6	77.2	79.6	81.5	81.8	82.8	82.9	83.1	83.1	83.1	83.1	83.3	83.3	83.4	83.4
≥ 2000	58.1	77.1	79.9	82.5	84.7	85.2	86.1	86.3	86.5	86.5	86.5	86.5	86.7	86.7	86.8	86.8
≥ 1800	58.4	77.5	80.5	83.3	85.5	85.8	86.9	87.1	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6
≥ 1500	58.7	78.3	82.3	85.4	87.9	88.2	89.3	89.5	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.0
≥ 200	59.2	80.4	83.8	86.9	89.4	89.7	90.9	91.1	91.4	91.4	91.4	91.4	91.6	91.6	91.7	91.7
≥ 1000	59.4	81.1	84.5	88.2	90.9	91.3	92.5	92.7	92.9	93.0	93.0	93.0	93.2	93.2	93.3	93.3
≥ 900	59.4	81.6	85.1	88.9	91.7	92.0	93.3	93.5	93.7	93.8	93.8	93.8	94.0	94.0	94.1	94.1
≥ 800	59.4	81.9	85.7	89.7	92.9	93.2	94.6	94.8	95.1	95.2	95.3	95.3	95.4	95.4	95.5	95.5
≥ 700	59.5	82.3	86.1	90.1	93.4	93.8	95.4	95.6	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2
≥ 600	59.6	82.5	86.5	90.6	93.8	94.3	95.9	96.1	96.4	96.6	96.6	96.6	96.9	96.9	96.9	96.9
≥ 500	59.6	82.7	86.7	90.9	94.6	95.0	97.0	97.2	97.5	97.7	97.7	97.7	98.0	98.0	98.0	98.0
≥ 400	59.9	82.8	86.8	90.9	95.0	95.4	97.4	97.7	98.0	98.3	98.3	98.3	98.5	98.5	98.6	98.6
≥ 300	59.9	82.9	86.8	91.0	95.1	95.6	97.6	98.0	98.3	98.6	98.6	98.6	98.9	98.9	99.0	99.0
≥ 200	59.9	82.9	86.8	91.0	95.1	95.6	97.9	98.4	98.7	99.1	99.1	99.1	99.4	99.4	99.5	99.5
≥ 100	59.9	82.9	86.8	91.0	95.1	95.6	97.9	98.5	98.8	99.1	99.4	99.4	99.9	99.9	100.0	100.0
≥ 0	59.9	82.9	86.8	91.0	95.1	95.6	97.9	98.5	98.8	99.1	99.4	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1624

4

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1865 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.1	47.2	49.7	51.9	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.9	52.9	52.9	53.0	53.0
≥ 20000	50.8	52.6	54.5	57.0	57.9	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.4
≥ 18000	47.7	52.1	54.7	57.1	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.5	58.5
≥ 16000	41.1	52.3	55.1	57.5	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.8	58.8	58.9	58.9	58.9
≥ 14000	41.4	52.6	55.5	57.9	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.2	59.3	59.3	59.3	59.4
≥ 12000	42.3	54.1	56.7	59.3	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.5	60.6	60.6	60.6	60.7
≥ 10000	42.9	55.1	58.0	60.7	61.7	61.7	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.1	62.1
≥ 9000	43.0	55.3	58.8	61.5	62.5	62.5	62.6	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.9	62.9
≥ 8000	45.1	58.1	61.1	63.9	65.1	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.6
≥ 7000	45.1	58.5	62.5	65.3	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.9	67.0	67.0	67.0	67.1
≥ 6000	47.3	61.8	64.9	67.8	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.7	68.7
≥ 5000	49.1	64.4	67.8	71.1	72.4	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.0
≥ 4500	50.8	65.4	69.3	72.7	74.0	74.0	74.3	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.6
≥ 4000	51.4	67.2	70.9	74.3	75.8	75.8	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.4
≥ 3500	52.3	68.3	72.6	75.5	77.0	77.0	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.6
≥ 3000	53.1	69.7	73.6	77.1	78.8	78.8	79.2	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.6
≥ 2500	54.4	72.1	76.2	80.0	82.0	82.0	82.4	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.8
≥ 2000	55.9	74.3	79.4	83.5	85.7	85.8	86.4	86.5	86.6	86.6	86.6	86.8	86.9	86.9	86.9	87.0
≥ 1800	56.4	75.9	80.5	84.6	86.8	86.9	87.5	87.6	87.7	87.7	87.8	87.9	88.0	88.0	88.0	88.1
≥ 1500	56.9	77.4	82.5	86.7	89.1	89.3	89.9	90.1	90.2	90.2	90.4	90.5	90.5	90.5	90.6	90.6
≥ 1200	57.2	79.1	84.3	88.4	91.0	91.2	92.0	92.2	92.3	92.3	92.5	92.6	92.6	92.6	92.7	92.7
≥ 1000	57.5	79.9	85.2	89.4	92.1	92.2	93.2	93.4	93.4	93.5	93.7	93.8	93.8	93.8	93.9	93.9
≥ 900	57.6	80.4	85.8	90.0	92.9	93.1	94.0	94.4	94.4	94.5	94.7	94.7	94.8	94.8	94.8	94.9
≥ 800	57.7	80.8	86.4	90.9	93.8	93.9	94.9	95.2	95.3	95.3	95.5	95.6	95.7	95.7	95.7	95.8
≥ 700	57.8	81.2	86.9	91.5	94.5	94.7	95.7	96.0	96.1	96.1	96.4	96.5	96.5	96.5	96.5	96.6
≥ 600	57.9	81.4	87.4	92.1	95.2	95.3	96.4	96.7	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.3
≥ 500	57.9	81.7	87.6	92.2	95.5	95.7	96.9	97.2	97.4	97.6	97.8	97.8	97.9	97.9	97.9	98.0
≥ 400	57.9	81.8	87.7	92.8	96.1	96.4	97.8	98.4	98.6	98.7	99.0	99.1	99.2	99.2	99.2	99.3
≥ 300	57.9	81.8	87.7	92.8	96.2	96.5	97.9	98.5	98.7	98.8	99.0	99.2	99.3	99.3	99.3	99.4
≥ 200	57.9	81.8	87.7	92.8	96.2	96.5	98.0	98.6	98.8	98.9	99.1	99.4	99.6	99.6	99.6	99.7
≥ 100	57.9	81.8	87.7	92.8	96.2	96.5	98.0	98.6	98.8	98.9	99.3	99.4	99.6	99.6	99.7	99.8
0	57.9	81.8	87.7	92.8	96.2	96.5	98.0	98.6	98.8	98.9	99.3	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1843

DATA PROCESSING BRANCH
USAF ETAC
418 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1115 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-43,59-74 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.4	42.6	44.9	47.8	48.8	48.9	49.3	49.5	49.6	49.7	49.8	49.9	50.0	50.1	50.3	50.4
≥ 20000	46.4	46.6	49.2	52.4	53.4	53.8	54.2	54.3	54.4	54.6	54.7	54.8	54.9	55.0	55.3	55.4
≥ 18000	36.1	46.9	49.3	52.6	53.6	54.0	54.3	54.5	54.6	54.8	54.9	54.9	55.1	55.2	55.4	55.5
≥ 16000	36.1	47.1	49.7	53.0	54.0	54.3	54.7	54.9	55.1	55.2	55.3	55.3	55.5	55.5	55.8	55.9
≥ 14000	37.0	48.1	50.4	53.7	54.9	55.1	55.5	55.6	55.7	55.9	56.0	56.1	56.2	56.3	56.6	56.7
≥ 12000	37.0	48.7	51.3	54.6	55.8	56.1	56.3	56.5	56.6	56.8	56.9	56.9	57.1	57.2	57.4	57.5
≥ 10000	38.4	49.4	52.0	56.4	57.6	57.9	58.1	58.3	58.4	58.6	58.7	58.7	58.9	58.9	59.2	59.3
≥ 9000	39.0	50.4	53.5	57.7	58.2	58.4	58.8	58.9	59.1	59.2	59.4	59.4	59.5	59.6	59.9	60.0
≥ 8000	40.2	52.1	54.9	58.6	59.8	60.0	60.4	60.5	60.6	60.8	60.9	61.0	61.1	61.2	61.4	61.6
≥ 7000	41.1	53.2	56.3	60.1	61.4	61.6	61.9	62.0	62.2	62.4	62.5	62.5	62.7	62.7	63.0	63.1
≥ 6000	41.2	54.1	57.9	61.9	63.2	63.3	63.7	63.9	64.0	64.2	64.3	64.3	64.5	64.5	64.8	64.9
≥ 5000	44.1	56.4	60.1	64.2	65.7	65.9	66.3	66.4	66.5	66.7	66.8	66.9	67.0	67.1	67.3	67.5
≥ 4500	44.0	58.1	61.3	65.6	67.1	67.3	67.7	67.9	68.0	68.2	68.3	68.3	68.5	68.5	68.8	68.9
≥ 4000	44.2	58.4	62.0	67.0	68.7	68.9	69.3	69.5	69.6	69.8	69.9	70.0	70.1	70.2	70.4	70.5
≥ 3500	45.2	61.1	3.9	68.4	70.1	70.3	70.7	70.9	71.0	71.3	71.4	71.4	71.6	71.6	71.9	72.0
≥ 3000	48.1	61.9	65.7	70.4	72.4	72.4	72.9	73.2	73.3	73.5	73.6	73.6	73.8	73.9	74.1	74.2
≥ 2500	47.9	64.7	68.8	73.6	75.5	75.7	76.3	76.5	76.6	76.8	77.0	77.0	77.2	77.2	77.5	77.6
≥ 2000	49.1	67.4	72.2	77.2	79.5	79.8	80.5	80.7	80.8	81.1	81.3	81.3	81.5	81.5	81.8	81.9
≥ 1800	49.7	68.8	73.5	78.5	81.0	81.2	82.0	82.2	82.3	82.6	82.8	82.8	83.0	83.0	83.3	83.4
≥ 1500	51.2	71.4	76.6	81.7	84.4	84.7	85.5	85.7	85.8	86.1	86.3	86.3	86.5	86.6	86.8	86.9
≥ 1200	52.0	73.7	79.1	84.5	87.3	87.6	88.4	88.7	88.8	89.1	89.3	89.3	89.5	89.5	89.8	89.9
≥ 1000	52.3	75.4	81.1	86.7	89.6	90.0	90.9	91.2	91.3	91.6	91.8	91.9	92.1	92.1	92.4	92.5
≥ 900	52.3	75.9	81.6	87.4	90.6	90.9	91.9	92.1	92.2	92.7	92.8	92.9	93.1	93.1	93.4	93.5
≥ 800	52.9	76.7	82.8	88.7	92.3	92.7	93.9	94.3	94.4	94.8	95.0	95.1	95.2	95.3	95.6	95.7
≥ 700	52.9	76.8	82.9	89.0	92.6	93.1	94.3	94.7	94.8	95.2	95.4	95.4	95.6	95.7	95.9	96.0
≥ 600	53.1	77.1	83.4	89.5	93.2	93.7	94.9	95.3	95.4	95.8	96.0	96.0	96.2	96.3	96.5	96.6
≥ 500	53.0	77.7	83.6	90.0	93.9	94.4	95.6	96.1	96.3	96.9	97.0	97.1	97.2	97.3	97.6	97.7
≥ 400	53.2	77.4	83.6	90.2	94.3	94.8	96.1	96.7	97.0	97.5	97.7	97.7	97.9	97.9	98.2	98.3
≥ 300	53.0	77.5	83.8	90.3	94.4	95.0	96.3	96.9	97.2	97.7	97.9	98.0	98.2	98.3	98.5	98.6
≥ 200	53.0	77.5	83.8	90.3	94.4	95.0	96.5	97.0	97.4	98.0	98.1	98.1	98.3	98.4	98.6	98.7
≥ 100	53.0	77.5	83.8	90.3	94.4	95.0	96.5	97.0	97.4	98.0	98.3	98.3	98.5	98.6	98.9	99.0
0	53.0	77.5	83.8	90.3	94.4	95.0	96.5	97.0	97.4	98.0	98.3	98.3	98.5	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1844

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

1836 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 62-45,50-74 YR — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	[illegible]	37.4	39.2	41.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	42.6	44.3	46.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	42.0	44.3	46.6	47.3	47.9	48.5	48.6	48.6	48.9	48.9	49.1	49.2	49.5	49.7
≥ 16000	[illegible]	[illegible]	[illegible]	45.0	47.3	[illegible]	[illegible]	49.2	49.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	43.6	45.9	48.3	48.9	49.5	50.2	50.2	50.3	50.5	50.5	50.8	50.8	51.1	51.4
≥ 12000	[illegible]	[illegible]	44.6	47.1	49.5	[illegible]	[illegible]	51.4	51.4	51.5	51.7	51.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	44.7	47.1	49.7	[illegible]	[illegible]	[illegible]	54.3	54.3	54.4	54.6	54.6	54.8	54.9	55.1	55.4
≥ 9000	[illegible]	[illegible]	47.8	50.4	53.1	[illegible]	[illegible]	55.3	55.3	55.4	55.6	55.6	55.8	55.9	56.1	56.4
≥ 8000	[illegible]	46.3	49.5	52.2	[illegible]	[illegible]	[illegible]	56.9	57.0	57.0	57.2	57.3	57.5	57.6	57.9	58.1
≥ 7000	[illegible]	[illegible]	51.2	54.7	57.7	[illegible]	[illegible]	59.7	59.7	59.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	53.5	56.6	59.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	55.1	58.2	[illegible]	[illegible]	[illegible]	63.4	63.5	63.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	56.9	60.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	57.8	61.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	61.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	66.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	67.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	73.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	76.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	78.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	79.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	80.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	80.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	80.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 1836

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13865 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,29-74 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.4	47.4	49.5	50.1	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	43.4	47.4	49.5	50.1	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 18000	47.2	47.3	49.8	50.4	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2
≥ 16000	47.2	47.3	50.2	50.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	48.9	48.9	51.8	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	50.4	50.4	52.7	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 10000	52.7	52.7	54.5	55.3	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2
≥ 9000	52.7	52.7	55.2	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8
≥ 8000	53.3	54.3	56.3	57.8	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 7000	54.7	56.1	58.8	59.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8
≥ 6000	56.0	57.7	60.4	61.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5
≥ 5000	47.3	59.3	62.5	63.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 4500	48.0	61.1	63.7	64.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8
≥ 4000	48.3	63.0	65.9	66.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
≥ 3500	50.3	64.2	67.0	68.1	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3000	51.6	66.4	69.2	70.2	71.2	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 2500	53.7	68.9	72.0	73.1	74.1	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥ 2000	55.1	71.5	75.0	76.2	77.2	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1800	55.8	72.9	76.2	77.3	78.4	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1500	57.5	76.3	79.7	81.0	82.4	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 1200	58.7	79.2	82.9	84.4	86.1	86.3	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1000	59.5	81.4	85.5	87.5	90.1	90.4	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 900	59.7	82.2	86.7	88.7	91.2	91.7	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 800	59.9	83.4	87.8	90.1	92.8	93.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 700	60.3	84.1	88.9	91.2	94.0	94.6	95.4	95.9	95.9	95.9	96.1	96.0	96.0	96.0	96.1	96.1
≥ 600	60.4	84.6	89.5	92.1	95.0	95.7	96.5	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.4	97.4
≥ 500	60.5	85.0	90.0	92.7	95.7	96.3	97.2	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.3	98.3
≥ 400	60.5	85.1	90.1	93.1	96.0	96.7	97.7	98.5	98.6	98.9	98.9	99.0	99.1	99.1	99.2	99.2
≥ 300	60.5	85.1	90.2	93.1	96.1	96.9	97.9	98.8	99.0	99.2	99.2	99.5	99.5	99.6	99.7	99.7
≥ 200	60.5	85.1	90.2	93.1	96.1	96.9	97.9	98.8	99.0	99.3	99.4	99.5	99.6	99.6	99.7	99.8
≥ 100	60.5	85.1	90.2	93.1	96.1	96.9	97.9	98.8	99.0	99.3	99.5	99.6	99.6	99.7	99.9	99.9
0	60.5	85.1	90.2	93.1	96.1	96.9	97.9	98.8	99.0	99.3	99.5	99.6	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1845

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13865 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.3	44.1	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	47.4	53.1	54.0	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
≥ 18000	47.7	53.6	54.5	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
≥ 16000	47.8	54.1	54.8	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
≥ 14000	48.3	54.9	55.9	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
≥ 12000	49.2	56.2	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 10000	51.0	58.0	59.1	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
≥ 9000	51.7	58.7	59.8	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
≥ 8000	53.2	60.6	61.7	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	54.1	62.2	63.4	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 6000	54.7	62.9	64.3	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
≥ 5000	56.9	64.8	66.4	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	57.1	66.9	67.9	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4000	59.1	69.1	70.8	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	60.1	70.9	72.8	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3000	61.8	73.3	75.2	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	64.7	77.3	79.5	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2000	67.4	81.9	84.3	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	67.6	82.7	85.2	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500	68.9	85.5	88.0	89.4	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	69.3	87.6	90.3	91.7	92.6	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	70.3	88.9	91.3	92.8	93.9	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	70.3	89.3	91.8	93.3	94.5	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	70.4	89.9	92.9	94.4	95.5	96.1	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	70.5	90.3	93.3	94.9	96.1	96.8	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	70.5	90.5	93.5	95.2	96.4	97.1	97.6	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	70.5	90.7	93.7	95.4	96.7	97.5	98.2	98.5	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0
≥ 400	70.5	90.8	93.9	95.8	97.2	98.0	98.8	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	70.5	90.7	94.1	95.9	97.4	98.2	99.3	99.3	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	70.5	90.9	94.1	95.9	97.4	98.2	99.3	99.3	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	70.5	90.9	94.1	95.9	97.4	98.2	99.0	99.3	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	70.5	90.9	94.1	95.9	97.4	98.2	99.0	99.3	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13845 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 42-45,59-74 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.4	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	51.1	56.5	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	51.4	56.8	57.5	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	51.8	57.2	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	52.5	58.2	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 12000	53.4	59.4	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	54.8	60.9	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 9000	55.1	62.2	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	59.1	64.9	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	59.4	67.2	68.2	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	60.3	68.9	70.0	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	61.3	71.5	72.6	72.9	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4500	63.4	72.4	74.0	74.4	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	65.6	75.0	77.2	77.7	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	66.1	77.4	79.3	79.7	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	68.1	80.1	82.1	82.7	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	69.8	82.7	85.0	85.8	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	71.2	85.1	87.5	88.4	89.3	89.3	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	71.9	85.9	88.3	89.3	90.3	90.3	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	72.1	87.5	90.1	91.7	92.8	92.8	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	72.3	88.4	91.3	93.0	94.2	94.3	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	72.3	89.5	92.7	94.4	96.0	96.2	96.4	96.7	96.8	97.0	97.1	97.0	97.0	97.0	97.0	97.0
≥ 900	73.0	89.6	93.0	94.8	96.4	96.5	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	73.1	89.9	93.4	95.0	96.6	97.0	97.4	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	73.1	90.4	93.6	95.4	97.1	97.4	97.9	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	73.2	90.7	94.1	95.9	97.6	98.0	98.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	73.3	90.7	94.1	96.0	97.7	98.1	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	73.3	90.7	94.2	96.1	97.9	98.3	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	73.3	90.7	94.2	96.1	97.9	98.3	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.3	90.7	94.2	96.1	97.9	98.3	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.3	90.7	94.2	96.1	97.9	98.3	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	73.3	90.7	94.2	96.1	97.9	98.3	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1337

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.3	51.4	52.6	52.8	52.9	52.9	52.9	53.1	53.0	53.0	53.1	53.0	53.0	53.1	53.1	53.1
≥ 20000	53.3	59.1	60.5	60.7	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	59.5	57.3	60.7	61.0	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
≥ 16000	51.0	59.0	61.2	61.5	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	51.9	60.4	62.0	62.3	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8
≥ 12000	52.1	61.2	62.9	63.3	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8
≥ 10000	53.4	63.1	64.8	65.2	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	53.8	64.5	65.4	65.8	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000	55.7	66.1	68.0	68.4	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1
≥ 7000	57.2	68.2	70.2	70.6	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000	58.6	70.1	72.4	72.7	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	59.1	72.2	74.5	75.1	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2
≥ 4500	61.5	74.4	76.7	77.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6
≥ 4000	62.3	76.9	79.6	80.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6
≥ 3500	64.2	78.4	81.4	82.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.8	83.8	83.8
≥ 3000	64.8	79.2	82.0	84.5	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1
≥ 2500	65.6	81.2	84.7	86.4	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 2000	66.5	83.1	86.7	88.4	90.2	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 1800	66.1	83.2	86.9	88.7	90.5	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 1500	67.0	84.9	88.7	90.7	92.5	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 1200	67.2	85.5	89.5	91.9	94.1	94.1	94.3	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1000	67.3	86.4	90.9	93.1	95.5	95.5	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 900	67.4	86.9	91.2	93.6	96.1	96.1	96.6	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 800	67.5	87.3	91.9	94.2	97.1	97.1	97.7	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3
≥ 700	67.6	87.4	92.0	94.3	97.4	97.5	98.1	98.6	98.6	98.7	98.7	98.7	98.8	98.9	98.9	98.9
≥ 600	67.7	87.7	92.3	94.7	97.9	97.9	98.5	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3
≥ 500	67.7	87.7	92.4	94.7	97.9	98.0	98.7	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 400	67.7	87.7	92.4	94.7	98.0	98.1	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	67.7	87.7	92.4	94.8	98.1	98.3	98.9	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	67.7	87.7	92.4	94.8	98.1	98.3	99.0	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	67.7	87.7	92.4	94.8	98.1	98.3	99.1	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
0	67.7	87.7	92.4	94.8	98.1	98.3	99.1	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1834

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13854 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 62-65,69-74 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.2	53.5	55.8	56.9	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 20000	58.1	58.2	61.1	62.3	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	58.2	59.1	61.4	62.6	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	58.2	59.2	61.4	62.8	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	58.5	59.5	62.0	63.1	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	58.5	59.5	63.0	64.8	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	60.6	62.0	65.2	66.5	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	60.7	62.1	65.7	66.9	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 8000	62.2	64.9	67.6	68.8	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 7000	63.8	66.9	69.8	71.1	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	64.7	68.4	71.3	72.7	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	66.4	70.3	73.6	75.0	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	67.5	72.7	75.9	77.7	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000	68.2	73.5	77.2	79.1	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	69.9	74.9	78.3	80.5	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	70.2	76.2	80.2	82.5	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	71.4	78.1	82.1	84.7	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 2000	72.0	81.1	84.5	87.5	89.5	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	72.3	81.9	85.0	88.2	90.1	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6
≥ 1500	72.3	82.4	85.3	89.8	91.8	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ 1200	73.1	83.5	87.9	91.2	93.4	93.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 1000	73.1	84.1	88.7	92.3	94.8	94.9	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	73.3	84.4	88.9	92.5	95.0	95.1	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 800	73.3	84.7	89.6	93.3	95.8	95.9	96.3	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	73.5	86.1	90.1	93.6	96.5	96.6	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 600	73.5	86.1	90.5	94.3	97.2	97.3	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	73.5	86.3	90.5	94.5	97.5	97.6	98.9	99.1	99.1	99.3	99.4	99.2	99.2	99.2	99.3	99.3
≥ 400	73.5	86.4	90.7	94.8	97.7	97.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 300	73.5	86.4	90.7	94.8	97.7	97.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	74.5	86.4	90.7	94.8	97.8	97.9	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	73.5	86.4	90.7	94.8	97.8	97.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
0	73.5	86.4	90.7	94.8	97.8	97.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1845

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

4

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13845 STATION | COLUMBUS AFB STATION NAME | MISSISSIPPI | 42-46,52-70,72-74 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.1	55.1	58.2	59.4	60.2	60.4	60.4	60.7	60.7	60.7	60.7	60.7	60.8	60.9	60.9	60.9
≥ 2 000	40.4	57.4	60.5	67.9	68.3	68.5	68.6	68.8	68.8	68.9	68.9	68.9	69.0	69.1	69.1	69.1
≥ 18000	41.3	62.4	66.1	68.1	68.5	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.2	69.3	69.3	69.3
≥ 16000	41.3	62.4	66.5	68.5	68.9	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.7	69.7	69.7
≥ 14000	41.8	63.1	67.4	69.4	69.8	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.5	70.6	70.6	70.6
≥ 12000	42.5	63.8	68.2	71.1	71.5	71.7	71.8	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.3	72.3
≥ 10000	44.1	67.1	71.2	73.4	74.0	74.2	74.2	74.5	74.5	74.5	74.6	74.6	74.7	74.7	74.8	74.8
≥ 9000	44.4	67.4	71.6	73.8	74.4	74.6	74.6	74.9	74.9	75.0	75.1	75.0	75.1	75.1	75.2	75.2
≥ 8000	44.7	66.4	72.0	75.0	75.5	75.8	75.8	76.0	76.0	76.1	76.1	76.1	76.3	76.3	76.4	76.4
≥ 7000	45.8	69.5	74.2	76.6	77.2	77.4	77.4	77.7	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.0
≥ 6000	46.8	71.0	75.9	78.3	78.9	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.7	79.7	79.7
≥ 5000	47.9	73.3	78.4	80.9	81.6	81.8	81.8	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.4	82.4
≥ 4500	48.3	75.3	80.2	82.7	83.3	83.5	83.6	83.8	83.8	83.9	83.9	83.9	84.0	84.1	84.1	84.1
≥ 4000	48.4	76.2	81.2	83.9	84.6	84.8	84.9	85.1	85.1	85.2	85.2	85.2	85.3	85.4	85.4	85.4
≥ 3500	49.3	77.1	82.2	85.1	85.7	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.4	86.5	86.5	86.5
≥ 3000	49.5	77.5	83.1	85.9	86.7	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.4	87.5	87.5	87.5
≥ 2500	50.0	78.9	84.5	87.5	88.4	88.7	88.7	88.9	88.9	89.1	89.1	89.1	89.2	89.2	89.3	89.3
≥ 2000	50.4	80.4	86.3	89.3	90.2	90.5	90.6	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.4	91.4
≥ 1800	50.7	81.3	87.1	90.2	91.5	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.2	92.3	92.3	92.3
≥ 1500	50.8	82.3	88.2	91.3	92.9	93.2	93.3	93.5	93.5	93.6	93.6	93.6	93.7	93.8	93.9	93.9
≥ 1200	50.9	83.2	89.3	92.6	94.2	94.5	94.6	94.8	94.8	94.9	94.9	94.9	95.0	95.1	95.1	95.1
≥ 1000	51.3	84.1	90.3	93.5	95.1	95.4	95.5	95.8	95.8	95.9	95.9	95.9	96.1	96.0	96.1	96.1
≥ 900	51.5	84.3	90.8	94.2	95.9	96.1	96.3	96.5	96.5	96.6	96.6	96.6	96.8	96.8	96.9	96.9
≥ 800	51.6	84.7	91.4	94.9	96.5	96.8	96.9	97.1	97.1	97.2	97.2	97.3	97.4	97.4	97.5	97.5
≥ 700	51.7	85.0	91.8	95.4	97.1	97.4	97.7	97.9	97.9	98.0	98.1	98.0	98.2	98.3	98.3	98.3
≥ 600	51.7	85.2	92.1	95.7	97.4	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.6	98.7	98.7	98.7
≥ 500	51.7	85.3	92.2	95.9	97.6	97.9	98.3	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.9	98.9
≥ 400	51.7	85.4	92.3	96.1	98.0	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.4	99.3	99.3	99.3
≥ 300	51.8	85.5	92.5	96.3	98.2	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.5	99.6
≥ 200	51.8	85.5	92.5	96.3	98.2	98.6	98.9	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
≥ 100	51.8	85.5	92.5	96.3	98.2	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.9
≥ 0	51.8	85.5	92.5	96.3	98.2	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1790

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,52-72-74 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.9	46.3	50.9	52.5	54.1	54.5	55.1	55.6	55.6	55.8	56.1	56.2	56.0	56.0	56.0	56.1
≥ 20000	32.3	31.7	56.	59.2	61.0	61.4	62.1	62.5	62.6	62.8	63.1	63.2	63.0	63.0	63.2	63.1
≥ 18000	33.9	31.7	56.9	59.3	61.1	61.5	62.2	62.6	62.7	62.9	63.1	63.1	63.1	63.1	63.1	63.2
≥ 16000	33.0	31.9	56.8	59.5	61.3	61.7	62.4	62.9	62.9	63.1	63.3	63.3	63.3	63.3	63.4	63.5
≥ 14000	53.4	52.5	57.6	60.4	62.2	62.6	63.3	63.8	63.8	64.0	64.1	64.2	64.2	64.2	64.3	64.4
≥ 12000	54.8	53.6	58.9	61.7	63.6	64.0	64.7	65.2	65.2	65.4	65.5	65.6	65.6	65.6	65.7	65.8
≥ 10000	55.0	55.4	60.7	63.6	65.5	65.9	66.6	67.1	67.1	67.3	67.5	67.5	67.5	67.5	67.6	67.7
≥ 9000	55.4	55.4	61.4	64.4	66.4	66.8	67.5	68.0	68.0	68.2	68.4	68.4	68.4	68.4	68.5	68.6
≥ 8000	56.3	57.2	62.8	65.9	68.0	68.3	69.0	69.5	69.5	69.7	69.9	69.9	69.9	69.9	70.0	70.1
≥ 7000	56.7	58.1	63.9	67.1	69.2	69.6	70.3	70.7	70.8	71.0	71.2	71.2	71.2	71.2	71.3	71.4
≥ 6000	57.5	59.4	65.5	68.7	71.0	71.4	72.0	72.5	72.5	72.8	73.0	73.0	73.0	73.0	73.1	73.2
≥ 5000	58.7	61.7	67.9	71.1	73.4	73.8	74.5	75.0	75.0	75.3	75.5	75.5	75.5	75.5	75.5	75.6
≥ 4500	59.1	62.4	69.3	72.5	74.8	75.2	75.9	76.4	76.4	76.7	76.9	76.9	76.9	76.9	76.9	77.0
≥ 4000	59.1	63.1	70.1	73.4	76.0	76.4	77.1	77.5	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.2
≥ 3500	59.4	64.1	71.1	74.7	77.4	77.8	78.5	78.9	79.0	79.3	79.4	79.4	79.4	79.4	79.5	79.6
≥ 3000	59.5	65.3	72.5	76.2	79.2	79.6	80.2	80.7	80.7	81.0	81.2	81.2	81.2	81.2	81.2	81.3
≥ 2500	60.2	67.2	74.6	78.4	81.3	81.7	82.5	82.9	83.0	83.2	83.4	83.4	83.4	83.4	83.5	83.6
≥ 2000	60.6	69.0	76.6	80.6	83.6	84.0	84.8	85.2	85.3	85.5	85.7	85.7	85.7	85.7	85.8	85.9
≥ 1800	60.8	69.9	77.0	81.6	84.8	85.2	85.9	86.4	86.4	86.7	86.9	86.9	86.9	86.9	86.9	87.1
≥ 1500	61.5	72.2	80.2	84.3	87.6	88.1	88.9	89.4	89.5	89.7	89.9	89.9	89.9	89.9	90.0	90.1
≥ 1200	62.0	73.3	82.1	86.6	90.1	90.6	91.4	91.9	92.0	92.3	92.4	92.4	92.4	92.4	92.5	92.6
≥ 1000	62.2	74.7	83.3	87.8	91.7	92.1	92.9	93.5	93.6	93.9	94.1	94.1	94.1	94.1	94.2	94.3
≥ 900	62.3	75.2	84.0	88.6	92.4	92.9	93.7	94.4	94.5	94.8	95.0	95.0	95.0	95.0	95.1	95.2
≥ 800	62.4	75.5	84.4	89.1	93.2	93.7	94.5	95.2	95.4	95.7	95.9	95.9	95.9	95.9	96.0	96.1
≥ 700	62.5	75.7	84.9	89.6	93.9	94.5	95.4	96.1	96.2	96.6	96.8	96.9	96.8	96.8	96.9	97.0
≥ 600	62.5	75.9	85.3	90.0	94.5	95.0	96.0	96.8	96.9	97.3	97.5	97.5	97.5	97.5	97.6	97.7
≥ 500	62.6	76.2	85.7	90.4	94.9	95.5	96.5	97.3	97.4	97.8	98.0	98.0	98.0	98.0	98.1	98.2
≥ 400	62.6	76.2	85.8	90.6	95.3	95.9	96.9	97.7	97.8	98.1	98.4	98.5	98.5	98.5	98.7	98.8
≥ 300	62.6	76.3	85.9	90.7	95.5	96.1	97.1	97.9	98.0	98.6	98.8	98.8	98.8	98.8	98.9	99.2
≥ 200	62.6	76.3	85.9	90.7	95.5	96.1	97.4	98.2	98.3	98.8	99.0	99.1	99.1	99.1	99.2	99.4
≥ 100	62.6	76.3	85.9	90.7	95.5	96.1	97.4	98.2	98.3	98.8	99.0	99.1	99.1	99.1	99.2	99.7
0	62.6	76.3	85.9	90.7	95.5	96.1	97.4	98.2	98.3	98.8	99.0	99.1	99.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1785

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3845 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-70,72-74 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0900 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.1	38.1	41.8	43.2	44.7	44.8	45.3	45.4	45.6	45.6	45.6	45.8	45.8	45.8	45.8	46.0
≥ 20000	28.8	43.4	48.1	50.1	51.6	51.8	52.2	52.4	52.5	52.6	52.8	52.8	52.8	52.8	52.9	52.9
≥ 18000	29.1	43.7	48.6	50.6	52.1	52.3	52.8	52.9	53.0	53.1	53.2	53.2	53.2	53.3	53.3	53.4
≥ 16000	28.8	44.1	48.7	50.7	52.2	52.4	52.9	53.0	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.5
≥ 14000	29.4	44.8	49.5	51.6	53.3	53.4	53.9	54.0	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.6
≥ 12000	29.6	46.4	51.5	53.8	55.6	55.8	56.3	56.5	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.0
≥ 10000	32.3	49.2	54.4	56.7	58.5	58.8	59.2	59.4	59.5	59.6	59.8	59.8	59.8	59.8	59.9	59.9
≥ 9000	32.8	50.1	55.2	57.5	59.4	59.6	60.1	60.2	60.3	60.4	60.6	60.6	60.7	60.7	60.7	60.8
≥ 8000	33.9	52.1	57.3	59.7	61.5	61.7	62.2	62.4	62.5	62.6	62.8	62.9	62.8	62.9	62.8	62.9
≥ 7000	34.2	53.1	58.5	60.9	62.8	63.0	63.4	63.6	63.7	63.8	64.0	64.0	64.0	64.0	64.0	64.2
≥ 6000	35.1	54.5	60.1	62.6	64.6	64.8	65.3	65.4	65.6	65.7	65.8	65.8	65.9	65.9	65.9	66.0
≥ 5000	35.5	56.1	62.5	65.3	67.4	67.6	68.1	68.3	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.8
≥ 4500	36.3	58.1	64.0	66.9	69.0	69.2	69.7	69.8	69.9	70.1	70.2	70.2	70.3	70.3	70.3	70.4
≥ 4000	37.3	59.2	65.4	68.4	70.6	70.8	71.3	71.5	71.6	71.7	71.7	71.7	71.8	71.9	71.9	72.0
≥ 3500	37.9	60.3	66.8	69.9	72.4	72.6	73.1	73.3	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.8
≥ 3000	41.1	61.7	68.4	71.5	74.5	74.8	75.3	75.4	75.6	75.7	75.8	75.8	75.9	75.9	75.9	76.0
≥ 2500	38.7	64.1	71.0	74.7	77.4	77.7	78.3	78.4	78.5	78.7	78.8	78.8	78.9	78.9	78.9	79.0
≥ 2000	40.4	66.7	73.9	77.9	80.6	81.0	81.5	81.7	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.3
≥ 1800	40.7	67.4	74.7	78.7	81.5	81.8	82.4	82.6	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.1
≥ 1500	41.2	69.4	77.1	81.2	84.0	84.4	84.9	85.2	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.7
≥ 1200	41.7	70.1	79.0	83.1	86.2	86.5	87.1	87.3	87.4	87.5	87.7	87.7	87.8	87.8	87.8	87.9
≥ 1000	42.5	72.1	81.3	85.6	88.5	89.3	89.9	90.1	90.3	90.4	90.6	90.6	90.7	90.7	90.7	90.8
≥ 900	42.7	73.4	82.1	86.3	89.9	90.3	90.9	91.1	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.8
≥ 800	43.0	74.4	83.3	87.6	91.4	92.0	92.7	93.1	93.3	93.4	93.6	93.6	93.7	93.7	93.7	93.8
≥ 700	43.2	75.1	84.4	88.8	92.7	93.3	94.1	94.5	94.7	95.0	95.2	95.2	95.3	95.3	95.3	95.4
≥ 600	43.3	75.4	84.8	89.4	93.4	94.2	95.1	95.7	95.9	96.2	96.4	96.4	96.5	96.5	96.6	96.7
≥ 500	43.4	75.8	85.2	89.8	94.1	94.9	96.0	96.5	96.7	97.1	97.3	97.3	97.5	97.5	97.5	97.6
≥ 400	43.5	76.1	85.4	90.1	94.6	95.3	96.3	97.0	97.2	97.8	98.0	98.0	98.1	98.1	98.1	98.4
≥ 300	43.9	76.1	85.5	90.2	94.8	95.5	96.8	97.4	97.8	98.3	98.5	98.5	98.8	98.8	99.0	99.3
≥ 200	43.9	76.1	85.5	90.2	94.8	95.6	96.9	97.4	97.9	98.5	98.6	98.9	99.1	99.1	99.4	99.5
≥ 100	43.9	76.1	85.5	90.2	94.8	95.6	96.9	97.4	97.9	98.5	98.6	98.9	99.2	99.2	99.5	100.0
≥ 0	43.9	76.1	85.5	90.2	94.8	95.6	96.9	97.6	97.9	98.5	98.6	98.9	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1780

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13865 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,52-70,72-74 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.9	46.3	47.3	47.6	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	43.4	54.9	56.4	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 18000	43.9	55.6	57.1	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 16000	44.0	56.0	57.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	44.9	56.8	58.5	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	45.7	58.7	60.4	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
≥ 10000	48.0	61.3	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	48.2	61.8	63.8	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
≥ 8000	49.5	63.5	65.5	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
≥ 7000	50.1	64.6	66.7	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 6000	50.4	65.4	67.6	68.2	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 5000	51.1	66.7	69.1	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
≥ 4500	52.0	68.1	70.6	71.3	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	52.8	69.7	72.3	72.9	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3500	53.2	70.5	73.1	73.8	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3000	53.8	72.9	75.3	76.2	76.5	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	55.5	75.4	78.4	79.3	79.6	79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2000	57.1	78.8	81.8	82.7	83.1	83.1	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1800	58.0	80.1	83.1	84.1	84.5	84.5	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	63.2	84.4	87.7	88.9	89.2	89.3	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	61.6	86.6	90.2	91.4	92.0	92.1	92.5	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	62.1	87.7	91.7	92.9	93.6	93.7	94.1	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	62.7	88.6	92.7	94.1	94.7	94.8	95.4	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	62.9	89.1	93.4	94.8	95.6	95.7	96.2	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	63.0	89.6	93.9	95.5	96.2	96.5	97.0	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	63.2	90.3	94.7	96.3	97.1	97.3	97.8	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	63.2	90.4	94.9	96.5	97.4	97.7	98.4	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	63.2	90.5	95.1	96.8	97.7	98.0	98.7	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	63.2	90.6	95.1	96.9	97.8	98.2	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.2	90.6	95.1	96.9	97.8	98.2	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.2	90.6	95.1	96.9	97.8	98.2	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	63.2	90.6	95.1	96.9	97.8	98.2	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1785

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-70,72-74 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS IL STI)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.0	48.0	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	52.6	60.2	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000	52.9	60.4	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 16000	53.1	60.6	61.4	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	54.4	62.4	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	55.9	64.4	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	58.0	66.9	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
≥ 9000	58.4	67.2	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	59.9	69.3	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 7000	60.7	70.0	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	71.5
≥ 6000	61.3	71.4	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	62.3	72.9	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	63.5	74.0	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	65.3	76.9	78.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	66.1	78.3	79.8	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	68.8	82.3	83.6	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2500	71.7	86.3	87.6	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	73.7	89.2	90.6	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	74.4	90.5	92.2	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	75.5	92.5	94.3	94.5	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	75.8	93.9	95.8	96.1	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	76.0	94.6	96.6	97.1	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	76.2	94.8	96.8	97.3	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	76.2	94.9	97.1	97.6	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	76.2	95.1	97.3	97.9	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	76.2	95.4	97.6	98.3	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	76.2	95.7	97.9	98.6	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	76.2	95.8	98.0	98.7	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	76.2	95.8	98.0	98.7	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.2	95.8	98.0	98.7	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.2	95.8	98.0	98.7	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	76.2	95.8	98.0	98.7	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1784

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

14820 STATION | COLUMBUS AFB, MISSISSIPPI STATION NAME | 42-46,59-70,72-74 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-1700 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.3	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	59.4	65.8	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	59.9	66.6	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
≥ 16000	60.3	67.1	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	61.0	68.2	68.9	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
≥ 12000	62.6	70.2	70.8	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	64.9	72.4	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	65.1	73.2	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	66.6	75.4	75.7	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	67.4	76.2	77.2	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	68.5	77.8	78.6	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000	70.4	80.3	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	72.3	82.3	83.2	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	73.2	84.5	85.7	86.2	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	74.4	86.2	87.5	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	75.5	88.4	89.9	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	77.1	90.7	92.1	92.9	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	77.7	92.4	93.8	94.6	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	77.9	92.9	94.5	95.3	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	78.1	93.5	95.3	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	78.4	94.1	95.8	96.8	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	78.4	94.5	96.6	97.5	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	78.5	94.9	96.6	97.6	98.3	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	78.5	95.1	97.0	98.1	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	78.6	95.2	97.1	98.2	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	78.6	95.3	97.4	98.4	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	78.6	95.2	97.4	98.7	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	78.6	95.3	97.4	98.7	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	78.6	95.3	97.4	98.7	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	78.6	95.3	97.4	98.7	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.6	95.3	97.4	98.7	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.6	95.3	97.4	98.7	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1779

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13829 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-74 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.0	54.4	55.6	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	56.8	67.8	68.7	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
< 20000	57.2	68.0	69.5	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
≥ 16000	57.7	68.9	69.8	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
< 16000	58.2	70.0	70.9	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
≥ 12000	59.3	71.9	72.8	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
< 12000	61.3	74.4	75.4	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	61.8	75.1	76.1	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
< 9000	62.7	76.3	77.4	78.0	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	63.3	77.0	78.2	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
< 7000	64.9	79.6	81.0	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	66.1	82.3	83.9	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
< 5000	66.9	83.5	85.2	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	68.1	85.6	87.7	88.6	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
< 4000	68.3	86.5	88.6	89.5	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	68.9	87.9	90.1	91.3	91.8	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
< 3000	69.9	89.5	92.1	93.2	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	70.2	90.4	93.0	94.2	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
< 2000	70.3	90.9	93.3	94.6	95.1	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	70.6	91.1	93.7	95.0	95.6	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
< 1500	70.9	91.5	94.3	95.7	96.5	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	70.9	91.8	94.7	96.2	97.1	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
< 1000	70.3	91.9	94.8	96.4	97.3	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	70.9	91.9	95.0	96.6	97.6	97.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
< 800	71.0	92.2	95.2	96.9	97.9	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	71.6	92.3	95.3	97.1	98.3	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
< 600	71.1	92.4	95.5	97.3	98.5	98.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	71.1	92.4	95.5	97.3	98.5	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 400	71.1	92.4	95.5	97.3	98.5	98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	71.1	92.4	95.5	97.3	98.5	98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
< 200	71.1	92.4	95.5	97.3	98.5	98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
ALL	71.1	92.4	95.5	97.3	98.5	98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1784

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) APR (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.9	59.2	60.9	61.8	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	50.8	66.8	68.8	69.8	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 18000	50.9	67.1	69.0	70.1	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	51.3	67.5	69.4	70.5	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 14000	51.5	68.3	70.3	71.3	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	52.1	69.5	71.6	72.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.9
≥ 10000	53.6	71.7	73.8	74.9	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 9000	54.0	72.5	74.6	75.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9
≥ 8000	54.8	73.6	75.9	77.0	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
≥ 7000	55.5	74.7	77.2	78.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 6000	56.9	76.7	79.2	80.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 5000	57.8	78.5	81.5	82.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 4500	58.7	79.8	82.9	84.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.6
≥ 4000	59.6	81.4	84.5	85.9	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥ 3500	60.0	82.4	85.8	87.3	88.6	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 3000	60.6	84.2	87.8	89.5	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 2500	61.3	85.7	89.2	91.1	92.6	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 2000	61.8	87.0	90.8	92.7	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.0
≥ 1800	61.8	87.1	90.9	92.9	94.6	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
≥ 1500	61.9	87.5	91.5	93.6	95.4	95.5	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1200	62.0	87.8	91.9	94.0	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 1000	62.3	88.2	92.6	94.8	96.9	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 900	62.3	88.4	92.8	95.1	97.2	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 800	62.4	88.9	93.3	95.7	97.8	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 700	62.4	89.0	93.7	96.2	98.3	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 600	62.4	89.4	94.1	96.6	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 500	62.4	89.4	94.1	96.6	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 400	62.4	89.4	94.2	96.8	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	62.4	89.4	94.3	96.8	99.0	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	62.4	89.4	94.3	96.8	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	62.4	89.4	94.3	96.8	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	62.4	89.4	94.3	96.8	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1786

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13025 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.0	60.3	64.9	66.4	66.9	67.1	67.2	67.3	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6
≥ 20000	40.9	69.2	73.7	75.3	76.0	76.2	76.3	76.4	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 18000	41.0	69.3	74.0	75.6	76.3	76.5	76.6	76.7	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0
≥ 16000	41.2	70.0	74.5	76.1	76.7	76.9	77.1	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5
≥ 14000	41.7	71.5	76.6	77.6	78.3	78.5	78.6	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	42.6	73.2	77.8	79.4	80.2	80.4	80.5	80.6	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 10000	43.8	75.4	80.2	81.9	82.7	82.9	83.0	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4
≥ 9000	44.2	76.1	80.8	82.6	83.3	83.5	83.6	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	44.4	77.2	81.9	83.7	84.5	84.7	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	45.3	78.4	83.2	85.2	86.0	86.2	86.3	86.4	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	45.8	79.1	84.1	85.9	86.8	87.0	87.1	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 5000	46.2	80.1	85.1	87.1	88.0	88.2	88.3	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 4500	46.4	80.7	85.8	87.9	88.8	89.0	89.1	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	46.6	81.3	86.8	88.9	89.9	90.1	90.2	90.4	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 3500	46.7	82.0	87.3	89.6	90.6	90.8	90.9	91.0	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 3000	46.9	82.7	88.2	90.4	91.4	91.6	91.7	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 2500	47.2	83.7	89.4	91.7	92.8	93.0	93.1	93.3	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6
≥ 2000	47.8	84.7	90.7	93.3	94.4	94.7	94.8	95.0	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1800	48.3	85.2	91.2	93.8	95.0	95.2	95.3	95.5	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8
≥ 1500	48.5	85.4	91.5	94.1	95.4	95.6	95.8	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1200	48.2	85.3	92.0	94.6	96.0	96.2	96.4	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1000	48.2	86.8	93.1	96.0	97.4	97.6	97.8	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 900	48.2	86.9	93.3	96.1	97.5	97.7	97.9	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 800	48.4	87.1	93.5	96.4	97.8	98.1	98.4	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 700	48.6	87.3	93.7	96.7	98.1	98.4	98.7	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	48.9	87.6	94.0	96.9	98.3	98.7	99.0	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	48.6	87.6	94.0	96.9	98.3	98.7	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	48.6	87.6	94.0	97.1	98.5	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	48.6	87.8	94.2	97.3	98.7	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	48.6	87.8	94.2	97.3	98.7	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	48.6	87.8	94.2	97.3	98.7	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	48.6	87.8	94.2	97.3	98.7	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1926

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.1	47.2	53.2	56.2	57.9	59.1	60.1	60.9	61.3	61.5	61.9	61.5	61.6	61.6	61.6	61.7
≥ 20000	29.7	54.2	60.9	64.5	66.5	67.7	68.9	69.8	70.2	70.3	71.4	70.4	70.4	70.4	70.6	70.6
≥ 18000	29.8	54.3	61.0	64.6	65.6	67.8	69.3	69.9	70.3	70.5	70.9	70.9	70.6	70.6	70.7	70.8
≥ 16000	29.9	54.7	61.4	65.0	67.0	68.2	69.4	70.4	70.7	70.9	70.9	70.9	71.0	71.0	71.1	71.2
≥ 14000	30.1	55.6	62.4	66.2	68.2	69.5	70.7	71.6	72.0	72.1	72.2	72.2	72.2	72.2	72.4	72.4
≥ 12000	30.5	56.0	63.0	67.5	69.5	70.8	72.0	72.9	73.3	73.5	73.5	73.5	73.6	73.6	73.7	73.8
≥ 10000	31.3	58.5	65.6	69.6	71.7	73.0	74.2	75.2	75.5	75.7	75.7	75.7	75.8	75.8	75.9	76.0
≥ 9000	31.8	59.2	66.4	70.4	72.5	73.8	75.1	76.2	76.4	76.5	76.6	76.6	76.6	76.6	76.8	76.8
≥ 8000	32.6	60.5	67.6	72.1	74.2	75.5	76.7	77.7	78.0	78.2	78.2	78.2	78.3	78.3	78.4	78.5
≥ 7000	34.2	61.4	68.8	73.1	75.2	76.5	77.8	78.7	79.0	79.2	79.3	79.3	79.3	79.3	79.5	79.5
≥ 6000	38.3	62.1	69.6	74.2	76.4	77.7	78.9	79.9	80.2	80.4	80.4	80.4	80.5	80.5	80.7	80.7
≥ 5000	46.1	63.4	71.1	76.0	78.2	79.5	80.8	81.7	82.1	82.3	82.3	82.3	82.4	82.4	82.5	82.6
≥ 4500	51.9	64.5	72.3	77.2	79.4	80.7	82.0	82.9	83.3	83.4	83.5	83.5	83.5	83.5	83.7	83.8
≥ 4000	54.3	65.4	73.4	78.3	80.6	81.9	83.2	84.2	84.5	84.7	84.7	84.7	84.8	84.8	84.9	85.0
≥ 3500	55.9	66.4	74.5	79.6	81.9	83.2	84.6	85.5	85.9	86.0	86.1	86.1	86.1	86.1	86.3	86.3
≥ 3000	56.3	67.1	75.8	81.0	83.3	84.6	86.0	86.9	87.3	87.4	87.5	87.5	87.6	87.6	87.7	87.8
≥ 2500	56.1	68.9	77.3	82.7	84.9	86.3	87.7	88.6	89.0	89.1	89.2	89.2	89.3	89.3	89.4	89.5
≥ 2000	56.7	70.2	78.8	84.5	87.0	88.4	89.7	90.6	91.0	91.2	91.2	91.2	91.3	91.3	91.5	91.5
≥ 1800	56.7	70.4	79.2	84.8	87.3	88.7	90.1	91.0	91.4	91.6	91.6	91.6	91.7	91.7	91.9	91.9
≥ 1500	57.1	71.2	80.2	86.0	88.6	90.0	91.3	92.2	92.7	92.9	92.9	92.9	93.0	93.0	93.2	93.2
≥ 1200	57.2	71.7	80.8	86.5	89.2	90.6	92.0	93.0	93.4	93.6	93.7	93.7	93.8	93.8	93.9	94.0
≥ 1000	57.5	72.4	81.8	87.6	90.4	91.8	93.2	94.2	94.7	94.8	94.9	94.9	95.0	95.0	95.2	95.2
≥ 900	57.7	73.2	82.5	88.3	91.1	92.6	94.0	95.0	95.4	95.6	95.7	95.7	95.8	95.8	96.0	96.0
≥ 800	57.8	73.8	83.2	89.1	92.0	93.4	94.9	95.9	96.3	96.5	96.6	96.6	96.7	96.7	96.8	96.9
≥ 700	57.9	74.1	83.7	89.7	92.5	93.9	95.4	96.4	96.8	97.0	97.1	97.1	97.2	97.2	97.4	97.4
≥ 600	58.3	74.5	84.3	90.4	93.3	94.8	96.2	97.2	97.7	97.8	97.9	97.9	98.0	98.0	98.2	98.2
≥ 500	58.1	74.8	84.5	90.7	93.8	95.2	96.7	97.8	98.2	98.4	98.7	98.7	98.8	98.8	98.9	99.0
≥ 400	58.1	75.0	84.7	91.1	94.1	95.6	97.0	98.1	98.6	98.7	99.0	99.0	99.1	99.1	99.3	99.4
≥ 300	58.1	75.1	84.8	91.3	94.3	95.8	97.2	98.3	98.8	99.0	99.3	99.3	99.4	99.4	99.6	99.7
≥ 200	58.1	75.1	84.8	91.3	94.3	95.8	97.2	98.3	98.8	99.0	99.4	99.4	99.5	99.5	99.7	99.8
≥ 100	58.1	75.1	84.8	91.3	94.3	95.8	97.2	98.3	98.8	99.0	99.4	99.4	99.5	99.5	99.7	99.8
0	58.1	75.1	84.8	91.3	94.3	95.8	97.2	98.3	98.8	99.0	99.4	99.4	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1933

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.6	43.9	48.3	50.8	52.4	53.0	53.5	53.9	54.0	54.1	54.3	54.3	54.3	54.3	54.4	54.4
≥ 20000	30.1	52.2	57.2	60.2	62.3	62.9	63.5	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.5	64.6
≥ 18000	30.1	52.4	57.4	60.4	62.5	63.1	63.7	64.2	64.4	64.5	64.6	64.6	64.6	64.6	64.7	64.8
≥ 16000	30.2	52.7	57.7	60.7	62.8	63.4	64.0	64.5	64.7	64.8	64.9	64.9	64.9	64.9	65.0	65.1
≥ 14000	30.5	53.4	58.4	61.5	63.5	64.1	64.7	65.2	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.8
≥ 12000	31.1	55.4	60.7	63.8	65.9	66.5	67.2	67.7	67.8	67.9	68.0	68.0	68.0	68.1	68.2	68.3
≥ 10000	32.4	57.9	63.2	66.5	68.7	69.3	69.9	70.4	70.6	70.7	70.8	70.8	70.8	70.9	70.9	71.0
≥ 9000	32.6	58.3	63.6	67.1	69.3	70.0	70.6	71.1	71.3	71.4	71.5	71.5	71.5	71.5	71.6	71.7
≥ 8000	33.9	60.2	65.6	69.0	71.3	71.9	72.6	73.1	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.7
≥ 7000	34.3	61.5	67.0	70.5	72.9	73.5	74.1	74.6	74.8	74.9	75.0	75.0	75.0	75.1	75.1	75.2
≥ 6000	35.2	62.2	67.9	71.6	74.1	74.7	75.3	75.8	76.0	76.1	76.2	76.2	76.2	76.2	76.3	76.4
≥ 5000	36.2	64.2	70.1	73.9	76.3	77.0	77.6	78.1	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.7
≥ 4500	36.6	65.0	71.0	74.9	77.4	78.1	78.7	79.2	79.4	79.5	79.6	79.6	79.6	79.6	79.7	79.8
≥ 4000	36.8	65.8	71.8	75.8	78.6	79.3	79.9	80.4	80.5	80.7	80.8	80.8	80.8	80.9	80.9	81.0
≥ 3500	37.0	67.0	73.3	77.5	80.4	81.1	81.7	82.2	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.8
≥ 3000	37.3	67.7	74.4	78.6	81.7	82.4	83.1	83.6	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.2
≥ 2500	37.7	68.9	75.8	80.3	83.2	83.9	84.6	85.1	85.3	85.4	85.5	85.5	85.5	85.6	85.6	85.7
≥ 2000	37.9	70.1	77.2	82.0	85.2	85.8	86.6	87.1	87.2	87.4	87.5	87.5	87.6	87.6	87.7	87.8
≥ 1800	38.0	70.3	77.4	82.2	85.4	86.0	86.8	87.3	87.4	87.6	87.7	87.7	87.8	87.8	87.9	88.0
≥ 1500	38.6	72.0	79.3	84.2	87.4	88.1	88.8	89.4	89.6	89.7	89.8	89.8	89.9	89.9	90.0	90.1
≥ 1200	39.0	73.0	80.5	85.6	89.0	89.6	90.5	91.0	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.7
≥ 1000	39.3	74.8	82.4	87.7	91.2	91.9	92.7	93.3	93.4	93.6	93.7	93.7	93.7	93.8	93.8	93.9
≥ 900	39.5	75.3	82.9	88.4	91.9	92.6	93.4	94.0	94.1	94.3	94.4	94.4	94.5	94.5	94.6	94.7
≥ 800	39.8	76.1	83.9	89.5	93.1	93.9	94.8	95.4	95.5	95.7	95.8	95.8	95.9	95.9	96.0	96.1
≥ 700	39.9	76.6	84.4	90.0	93.7	94.5	95.4	96.1	96.3	96.4	96.5	96.5	96.6	96.6	96.7	96.8
≥ 600	40.1	77.1	85.1	90.8	94.7	95.5	96.5	97.1	97.3	97.5	97.6	97.6	97.7	97.7	97.8	97.9
≥ 500	40.2	77.4	85.5	91.3	95.3	96.2	97.3	98.1	98.3	98.5	98.6	98.6	98.7	98.8	98.8	98.9
≥ 400	40.2	77.5	85.7	91.5	95.5	96.4	97.5	98.3	98.5	98.8	99.0	99.0	99.1	99.2	99.2	99.4
≥ 300	40.2	77.6	85.7	91.6	95.6	96.6	97.7	98.5	98.8	99.2	99.3	99.3	99.4	99.5	99.6	99.7
≥ 200	40.2	77.6	85.7	91.6	95.6	96.6	97.8	98.7	98.9	99.3	99.4	99.5	99.6	99.6	99.7	99.9
≥ 100	40.2	77.6	85.7	91.6	95.6	96.6	97.8	98.7	98.9	99.3	99.5	99.5	99.6	99.6	99.7	99.9
0	40.2	77.6	85.7	91.6	95.6	96.6	97.8	98.7	98.9	99.3	99.5	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1928

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13925 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.9	53.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	49.1	63.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	49.2	63.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	49.7	64.4	65.4	65.6	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	50.2	65.1	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 12000	51.6	67.7	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000	52.8	70.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	54.3	70.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	55.7	72.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	56.4	73.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	56.9	74.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	57.5	75.7	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	58.0	76.4	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	58.4	77.3	78.8	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	58.8	78.2	79.7	79.8	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3000	59.9	80.1	81.7	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500	61.4	83.0	84.7	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000	62.5	85.8	88.0	88.3	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	62.9	87.0	89.2	89.5	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	64.2	89.3	91.8	92.2	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	64.7	90.9	93.5	93.9	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	65.5	92.3	95.1	95.7	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	65.6	92.7	95.7	96.3	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	65.8	93.1	96.2	96.8	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 700	65.9	93.4	96.6	97.2	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	65.9	93.8	97.0	97.6	98.9	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	65.9	93.8	97.1	97.8	99.1	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	65.9	93.8	97.1	97.9	99.1	99.3	99.9	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	65.9	93.9	97.1	97.9	99.2	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	65.9	93.9	97.1	97.9	99.2	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	65.9	93.9	97.1	97.9	99.2	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	65.9	93.9	97.1	97.9	99.2	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1929

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	57.1	65.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 18000	57.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	58.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	58.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	60.6	70.3	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
≥ 10000	62.2	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 9000	63.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	63.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 7000	64.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	65.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 5000	66.3	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	77.7
≥ 4500	67.4	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	68.9	80.9	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	70.0	82.4	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3000	73.5	87.6	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	76.2	91.4	92.1	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	77.6	93.7	94.7	95.1	95.2	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	78.0	94.2	95.2	95.7	95.8	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	78.4	95.3	96.1	96.5	96.7	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	78.6	95.5	96.7	97.2	97.4	97.4	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	78.8	96.1	97.4	97.9	98.3	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	78.8	96.2	97.6	98.2	98.7	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	78.8	96.4	97.7	98.3	98.8	98.8	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	78.8	96.5	97.9	98.5	99.0	99.0	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	78.8	96.5	97.9	98.6	99.1	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	78.8	96.5	98.0	98.7	99.2	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	78.8	96.5	98.1	98.7	99.2	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	78.8	96.5	98.0	98.7	99.2	99.2	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	78.8	96.5	98.0	98.7	99.2	99.2	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.8	96.5	98.0	98.7	99.2	99.2	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	78.8	96.5	98.1	98.7	99.2	99.2	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1933

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

14825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) MAY (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.7	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	56.4
≥ 20000	62.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000	62.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	63.1	70.9	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
≥ 14000	64.3	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	66.3	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000	68.6	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 9000	69.0	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 8000	70.1	80.3	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
≥ 7000	71.0	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	71.5	82.6	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	82.9
≥ 5000	72.8	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	73.7	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	74.9	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	75.9	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	78.0	92.2	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	79.3	94.9	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	80.1	96.1	96.6	97.3	97.5	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	80.1	96.2	96.9	97.4	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	80.3	96.4	97.3	97.8	98.0	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	80.4	96.9	97.7	98.2	98.4	98.5	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	80.5	97.2	98.0	98.8	99.0	99.0	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	80.5	97.3	98.1	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	80.5	97.3	98.2	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	80.5	97.3	98.2	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	80.5	97.3	98.2	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	80.5	97.3	98.2	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	80.5	97.3	98.2	99.0	99.3	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	80.5	97.3	98.2	99.0	99.3	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	80.5	97.3	98.2	99.0	99.3	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	80.5	97.3	98.2	99.0	99.3	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
0	80.5	97.3	98.2	99.0	99.3	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1932

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4

13025 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-7+ (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.7	60.9	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	59.5	72.7	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 18000	59.7	73.0	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 16000	59.8	73.4	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	60.9	75.4	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
≥ 12000	62.4	77.8	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	64.1	80.1	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	64.6	80.7	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000	66.3	82.9	83.6	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	66.7	83.9	84.6	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000	67.4	84.8	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	68.2	86.2	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500	67.6	88.2	89.1	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	69.4	89.0	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500	69.6	90.3	91.5	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	70.3	92.0	93.5	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	70.8	92.8	94.5	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	71.5	94.1	95.9	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	71.8	94.6	96.3	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	71.9	95.0	96.7	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	71.9	95.0	96.8	97.8	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	72.0	95.3	97.0	98.1	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 900	72.0	95.3	97.1	98.2	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 800	72.0	95.4	97.2	98.2	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700	72.0	95.4	97.2	98.3	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	72.0	95.4	97.2	98.3	98.8	98.8	99.1	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	72.0	95.4	97.2	98.3	98.8	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 400	72.0	95.4	97.2	98.4	98.9	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	72.0	95.4	97.2	98.4	98.9	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	72.0	95.4	97.2	98.4	98.9	98.9	99.3	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	72.0	95.4	97.2	98.4	98.9	98.9	99.3	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	72.0	95.4	97.2	98.4	98.9	98.9	99.3	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13925 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.6	66.6	68.3	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	52.9	75.4	77.2	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	53.1	75.8	77.0	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 16000	53.2	76.1	78.1	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 14000	54.1	77.1	79.4	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	55.0	79.1	81.4	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	56.9	81.6	83.5	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	57.3	82.0	84.0	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	58.1	83.3	85.2	85.8	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 7000	58.2	83.5	85.5	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	58.7	84.7	86.8	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 5000	59.1	86.1	88.3	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	59.3	86.7	89.0	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	59.7	87.8	90.2	91.1	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	59.9	88.7	91.5	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	60.4	90.0	92.9	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	60.4	90.7	93.9	94.8	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	60.8	91.3	94.9	95.9	96.5	96.5	96.6	96.6	96.6	96.8	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	60.9	91.4	95.0	96.1	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	61.1	92.1	95.7	97.0	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	61.2	92.2	95.9	97.2	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	61.3	92.6	96.4	97.6	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	61.3	92.7	96.5	97.7	98.4	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	61.5	92.9	96.7	98.0	98.6	98.7	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	61.5	93.0	96.8	98.1	98.9	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	61.5	93.0	96.8	98.1	98.9	99.0	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	61.5	93.1	96.9	98.2	99.0	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	61.5	93.0	96.9	98.2	99.0	99.1	99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	61.9	93.0	96.9	98.2	99.1	99.1	99.4	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	61.5	93.0	96.9	98.2	99.1	99.1	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	61.5	93.0	96.9	98.2	99.1	99.1	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	61.5	93.0	96.9	98.2	99.1	99.1	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1920

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.1	66.4	71.7	75.9	74.2	74.2	74.4	74.6	74.6	74.6	74.7	74.7	74.8	74.8	74.8	75.0
≥ 20000	42.2	75.0	80.4	82.2	83.0	83.0	83.3	83.5	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.8
≥ 18000	42.3	75.1	80.6	82.4	83.2	83.2	83.5	83.7	83.7	83.7	83.8	83.8	83.9	83.9	83.9	84.0
≥ 16000	42.4	75.5	81.0	82.9	83.7	83.7	84.0	84.2	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.5
≥ 14000	43.2	76.4	82.1	84.1	84.9	84.9	85.2	85.3	85.3	85.3	85.4	85.4	85.6	85.6	85.6	85.7
≥ 12000	43.3	78.1	83.7	85.7	86.6	86.6	86.9	87.0	87.0	87.0	87.2	87.2	87.3	87.3	87.3	87.4
≥ 10000	44.4	79.2	85.2	87.2	88.1	88.1	88.4	88.5	88.5	88.5	88.7	88.7	88.8	88.8	88.8	88.9
≥ 9000	44.6	79.7	85.8	87.9	88.8	88.8	89.1	89.2	89.2	89.2	89.3	89.3	89.5	89.5	89.5	89.6
≥ 8000	45.1	80.7	86.8	88.9	89.8	89.8	90.1	90.3	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.7
≥ 7000	45.5	81.5	87.6	89.9	90.8	90.8	91.1	91.3	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.7
≥ 6000	45.6	81.9	88.3	90.4	91.3	91.3	91.6	91.7	91.7	91.7	91.9	91.9	92.0	92.0	92.0	92.1
≥ 5000	46.1	82.9	89.3	91.4	92.3	92.3	92.6	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.2
≥ 4500	46.4	83.6	90.1	92.3	93.3	93.3	93.6	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
≥ 4000	46.6	84.1	90.7	92.9	94.0	94.0	94.3	94.4	94.4	94.4	94.6	94.6	94.7	94.7	94.7	94.8
≥ 3500	46.8	84.5	91.2	93.4	94.5	94.5	94.8	95.0	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.4
≥ 3000	46.9	85.2	91.8	94.1	95.1	95.1	95.4	95.6	95.6	95.6	95.7	95.8	95.9	95.9	95.9	96.0
≥ 2500	46.9	85.7	92.4	94.6	95.8	95.8	96.1	96.3	96.3	96.3	96.4	96.4	96.6	96.6	96.6	96.7
≥ 2000	47.0	86.1	92.8	95.2	96.1	96.3	96.7	97.0	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.4
≥ 1800	47.2	86.3	93.0	95.4	96.6	96.6	97.0	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.6
≥ 1500	47.4	86.6	93.5	95.9	97.0	97.0	97.4	97.7	97.7	97.7	97.8	97.8	97.9	97.9	97.9	98.1
≥ 1200	47.4	86.8	93.6	96.1	97.2	97.2	97.7	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.3
≥ 1000	47.3	86.9	93.9	96.3	97.5	97.5	97.9	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.5
≥ 900	47.4	87.1	93.9	96.4	97.5	97.7	98.1	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.7
≥ 800	47.6	87.2	94.2	96.5	97.8	97.9	98.3	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.9
≥ 700	47.6	87.2	94.2	96.6	97.8	97.9	98.3	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	99.0
≥ 600	47.6	87.3	94.3	96.8	97.9	98.1	98.5	98.7	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.1
≥ 500	47.6	87.5	94.7	97.1	98.4	98.5	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.6
≥ 400	47.6	87.6	94.7	97.2	98.5	98.6	99.0	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.7
≥ 300	47.6	87.6	94.7	97.2	98.6	98.7	99.2	99.4	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.8
≥ 200	47.6	87.6	94.7	97.2	98.6	98.7	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	100.0
≥ 100	47.6	87.6	94.7	97.2	98.6	98.7	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	100.0
0	47.6	87.6	94.7	97.2	98.6	98.7	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1745

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUNE (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.9	45.5	52.4	57.9	62.1	62.9	64.4	65.4	65.5	65.8	65.9	65.9	66.1	66.2	66.3	66.4
≥ 20000	28.8	52.8	60.3	66.4	71.4	72.4	74.0	75.1	75.2	75.6	75.7	75.7	75.9	76.0	76.0	76.1
≥ 18000	28.8	52.7	60.3	66.5	71.6	72.5	74.1	75.2	75.3	75.7	75.8	75.8	76.1	76.1	76.2	76.3
≥ 16000	29.1	53.3	60.9	67.1	72.2	73.1	74.8	75.8	76.0	76.3	76.4	76.4	76.7	76.8	76.8	77.0
≥ 14000	29.5	54.4	62.1	68.4	73.6	74.5	76.2	77.3	77.5	77.8	77.9	77.9	78.2	78.3	78.3	78.4
≥ 12000	30.5	56.5	64.8	71.3	76.6	77.5	79.2	80.3	80.5	80.9	81.0	81.0	81.3	81.4	81.4	81.6
≥ 10000	31.1	58.5	66.8	73.4	78.7	79.7	81.5	82.3	82.9	83.3	83.4	83.4	83.7	83.8	83.9	84.0
≥ 9000	31.2	59.3	67.4	74.0	79.4	80.3	82.1	83.4	83.6	84.0	84.1	84.1	84.4	84.4	84.5	84.6
≥ 8000	31.6	59.8	68.2	74.8	80.2	81.3	83.1	84.4	84.6	85.0	85.1	85.1	85.4	85.5	85.5	85.6
≥ 7000	32.0	60.9	69.4	76.1	81.6	82.6	84.5	85.9	86.0	86.4	86.6	86.6	86.8	86.9	87.0	87.1
≥ 6000	32.3	61.4	70.0	76.7	82.2	83.2	85.1	86.4	86.6	87.0	87.1	87.1	87.4	87.5	87.5	87.6
≥ 5000	32.5	62.1	70.8	77.7	83.2	84.3	86.1	87.5	87.7	88.1	88.2	88.2	88.5	88.6	88.6	88.7
≥ 4500	32.6	62.5	71.3	78.2	83.7	84.7	86.6	87.9	88.2	88.6	88.7	88.7	89.0	89.0	89.1	89.2
≥ 4000	32.6	63.4	72.2	79.1	84.7	85.7	87.7	89.0	89.3	89.7	89.8	89.8	90.1	90.1	90.2	90.3
≥ 3500	32.8	63.8	72.8	79.8	85.3	86.4	88.3	89.7	89.9	90.3	90.4	90.4	90.7	90.7	90.8	91.0
≥ 3000	33.2	64.4	73.5	80.6	86.2	87.2	89.2	90.6	90.8	91.2	91.3	91.3	91.6	91.7	91.7	91.9
≥ 2500	33.4	65.1	74.5	81.6	87.2	88.3	90.2	91.6	91.8	92.2	92.4	92.4	92.6	92.7	92.8	92.9
≥ 2000	33.5	65.6	75.1	82.4	88.1	89.1	91.1	92.5	92.8	93.2	93.3	93.3	93.6	93.6	93.7	93.9
≥ 1800	33.8	66.0	75.5	82.8	88.5	89.5	91.5	92.9	93.2	93.6	93.7	93.7	94.0	94.0	94.1	94.3
≥ 1500	33.9	66.6	76.4	83.7	89.4	90.4	92.4	93.8	94.0	94.4	94.5	94.5	94.8	94.9	94.9	95.1
≥ 1200	34.1	67.0	76.8	84.1	89.9	90.9	92.9	94.3	94.5	94.9	95.1	95.1	95.3	95.4	95.5	95.6
≥ 1000	34.2	67.5	77.5	84.9	90.7	91.7	93.7	95.1	95.3	95.7	95.9	95.9	96.1	96.2	96.3	96.4
≥ 900	34.2	67.6	77.6	85.1	90.9	92.0	93.9	95.3	95.6	96.0	96.1	96.1	96.4	96.4	96.5	96.7
≥ 800	34.3	67.8	77.9	85.3	91.3	92.4	94.4	95.8	96.0	96.4	96.6	96.6	96.8	96.9	97.0	97.1
≥ 700	34.3	68.0	78.2	85.8	91.7	92.8	94.7	96.1	96.4	96.8	96.9	96.9	97.2	97.2	97.3	97.5
≥ 600	34.4	68.4	78.6	86.4	92.3	93.4	95.4	96.8	97.1	97.5	97.6	97.6	97.9	97.9	98.0	98.2
≥ 500	34.5	68.5	78.7	86.6	92.6	93.8	95.8	97.2	97.5	97.9	98.0	98.0	98.3	98.4	98.5	98.7
≥ 400	34.5	68.5	78.8	86.6	92.8	94.0	96.0	97.4	97.7	98.2	98.3	98.3	98.6	98.6	98.7	98.9
≥ 300	34.5	68.5	78.8	86.6	92.8	94.0	96.0	97.5	97.8	98.2	98.3	98.3	98.6	98.7	98.9	99.0
≥ 200	34.5	68.5	78.8	86.6	92.8	94.0	96.0	97.6	97.9	98.4	98.5	98.4	99.0	99.0	99.3	99.4
≥ 100	34.5	68.5	78.8	86.6	92.8	94.0	96.0	97.6	97.9	98.4	98.5	98.5	99.1	99.2	99.5	99.9
≥ 0	34.5	68.5	78.8	86.6	92.8	94.0	96.0	97.6	97.9	98.4	98.5	98.5	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1740

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13925 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.9	43.5	49.4	53.6	55.5	55.9	56.7	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5
≥ 20000	28.5	51.7	58.9	63.7	66.1	66.6	67.4	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.5
≥ 18000	28.9	51.7	58.9	63.7	66.2	66.6	67.6	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.6
≥ 16000	29.3	52.0	59.4	64.2	66.7	67.2	68.1	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.1
≥ 14000	29.7	53.3	60.8	65.8	68.4	68.9	69.9	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.8
≥ 12000	30.2	55.1	63.0	68.1	70.7	71.2	72.2	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.1	73.2
≥ 10000	32.4	58.0	67.1	72.4	75.0	75.6	76.6	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.7
≥ 9000	32.7	59.4	67.7	73.0	75.8	76.2	77.2	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.2
≥ 8000	33.8	61.0	69.3	74.6	77.3	78.0	79.0	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.9	80.0
≥ 7000	34.2	61.7	70.0	75.5	78.1	78.8	79.9	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.9
≥ 6000	34.4	62.3	70.7	76.2	78.8	79.5	80.6	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.5	81.6
≥ 5000	34.8	63.0	71.5	77.0	79.6	80.3	81.4	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.4
≥ 4500	35.0	63.4	71.9	77.4	80.1	80.8	81.9	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.9
≥ 4000	35.3	64.2	72.8	78.4	81.1	81.8	82.9	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.9	84.0
≥ 3500	35.3	64.6	73.2	78.8	81.6	82.3	83.4	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.4
≥ 3000	35.8	65.3	74.0	79.6	82.4	83.1	84.3	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.4
≥ 2500	36.1	66.1	74.9	80.5	83.4	84.0	85.2	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.2	86.3
≥ 2000	36.7	67.2	76.1	81.9	84.8	85.5	86.7	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.7	87.8
≥ 1800	36.9	67.6	76.5	82.4	85.2	85.9	87.1	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.2	88.3
≥ 1500	37.3	69.0	78.6	84.4	87.3	88.0	89.2	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.4
≥ 1200	37.8	70.9	80.1	86.1	89.0	89.7	90.9	91.6	91.7	91.8	91.8	91.8	91.8	91.8	92.0	92.1
≥ 1000	37.8	72.1	81.0	87.9	91.0	91.7	92.9	93.7	93.7	93.9	93.9	93.9	93.9	93.9	94.1	94.1
≥ 900	38.1	72.5	82.7	88.9	91.9	92.6	93.9	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9	95.1
≥ 800	38.3	73.4	83.4	89.6	92.6	93.3	94.6	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.8
≥ 700	38.4	73.8	83.6	90.5	93.1	93.8	95.1	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.3	96.4
≥ 600	38.5	74.0	84.1	90.7	93.9	94.5	95.9	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.2
≥ 500	38.5	74.5	84.6	91.3	94.5	95.3	96.8	97.6	97.7	97.9	98.0	98.0	98.0	98.0	98.1	98.2
≥ 400	38.6	74.6	84.7	91.5	94.8	95.6	97.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.9
≥ 300	38.6	74.7	84.8	91.6	94.9	95.7	97.3	98.5	98.6	98.9	98.9	98.9	98.9	99.0	99.1	99.3
≥ 200	38.6	74.7	84.8	91.6	94.9	95.7	97.3	98.5	98.6	98.9	99.0	99.0	99.2	99.3	99.4	99.5
≥ 100	38.6	74.7	84.8	91.6	94.9	95.7	97.3	98.5	98.6	98.9	99.0	99.0	99.3	99.4	99.5	99.9
0	38.7	74.7	84.8	91.6	94.9	95.7	97.3	98.5	98.6	98.9	99.0	99.0	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1742

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13883 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.7	53.5	53.9	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	43.8	63.0	63.7	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000	44.0	63.3	64.0	64.0	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 16000	44.3	63.6	64.3	64.4	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	45.6	65.4	66.1	66.2	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 12000	47.3	67.8	68.5	68.6	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	49.7	70.9	71.7	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	50.1	71.7	72.5	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	50.6	72.4	73.3	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	50.9	73.1	74.0	74.1	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000	51.1	73.4	74.4	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	52.1	74.5	75.9	76.0	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4500	52.7	75.5	76.5	76.6	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	54.1	77.6	78.5	78.7	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	54.9	78.8	79.7	79.9	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3000	56.3	81.4	82.4	82.5	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	58.3	83.8	85.1	85.4	85.7	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	60.6	87.9	89.4	89.7	90.0	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	61.3	89.0	90.4	90.7	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	62.2	91.2	3.0	92.4	93.7	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	63.1	93.1	95.0	95.5	95.8	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	63.4	94.0	96.1	96.7	97.1	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	63.6	94.5	96.7	97.3	97.7	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	63.6	94.8	97.1	97.8	98.2	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	63.6	94.9	97.3	98.1	98.5	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	63.6	95.0	97.4	98.2	98.7	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	63.7	95.1	97.6	98.4	98.9	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	63.7	95.2	97.7	98.5	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.7	95.2	97.7	98.5	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.7	95.2	97.7	98.5	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.7	95.2	97.7	98.5	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.7	95.2	97.7	98.5	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1748

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13325 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.7	51.9	52.0	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
≥ 20000	50.6	64.0	64.7	64.7	64.8	64.8	64.8	64.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000	50.9	64.3	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 16000	51.0	64.5	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	51.0	65.4	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	66.2
≥ 12000	53.3	67.4	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
≥ 10000	55.9	70.1	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000	56.1	71.0	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 8000	56.9	71.9	72.6	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
≥ 7000	57.3	72.5	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	58.0	73.3	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 5000	60.0	76.1	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	61.3	77.6	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	63.2	81.4	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	65.2	84.2	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 3000	67.8	87.4	88.3	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	70.4	91.4	92.4	92.4	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	71.9	94.2	95.4	95.5	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	72.1	94.8	96.0	96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	72.8	96.1	97.5	97.6	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 1200	73.1	96.6	98.0	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 1000	73.1	96.9	98.3	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	73.1	97.1	98.6	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	73.1	97.2	98.4	98.9	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	73.1	97.3	98.7	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	73.1	97.3	98.8	99.0	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 500	73.2	97.4	98.9	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	73.2	97.4	98.9	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	73.2	97.4	98.9	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	73.2	97.4	98.9	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	73.2	97.4	98.9	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
0	73.2	97.4	98.9	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1746

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-65 69-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.9	53.4	53.6	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
≥ 20000	58.7	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 18000	58.8	72.3	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
≥ 16000	59.2	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	60.6	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	63.2	77.9	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	78.3
≥ 10000	65.4	80.6	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	81.0
≥ 9000	66.1	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	66.9	82.6	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	68.2	84.4	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000	68.9	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 5000	69.9	86.3	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	70.8	88.1	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	72.0	90.7	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	72.6	92.0	92.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	73.2	93.2	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	74.3	95.8	96.8	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	74.9	97.1	98.1	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	74.9	97.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	75.1	97.5	98.5	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	75.3	97.8	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	75.3	97.8	98.9	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	75.3	97.8	98.9	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	75.3	97.8	98.9	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	75.4	97.9	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	75.4	97.9	99.0	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	75.4	97.9	99.0	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	75.4	97.9	99.0	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	75.4	97.9	99.0	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	75.4	97.9	99.0	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.4	97.9	99.0	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.4	97.9	99.0	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.7	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	54.4	72.2	72.5	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
≥ 18000	54.4	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
≥ 16000	54.9	72.6	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	56.3	74.8	75.1	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
≥ 12000	58.3	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
≥ 10000	60.5	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 9000	61.4	83.0	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 8000	62.4	84.8	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	64.3	86.2	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	64.7	87.5	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	64.8	88.8	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	65.2	89.8	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
4000	66.2	91.7	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	66.9	93.0	93.6	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
≥ 3000	67.4	94.2	95.0	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	67.9	95.7	96.6	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	68.0	96.1	97.1	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	68.1	96.3	97.3	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	68.2	97.0	98.0	98.5	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	68.2	97.1	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	68.3	97.2	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	68.3	97.2	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	68.3	97.2	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	68.3	97.2	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	68.3	97.3	98.3	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	68.3	97.3	98.4	99.2	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	68.3	97.3	98.4	99.2	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	68.3	97.3	98.4	99.2	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	68.3	97.3	98.4	99.2	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	68.3	97.3	98.4	99.2	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	68.3	97.3	98.4	99.2	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1749

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13865 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.7	66.7	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	49.9	78.2	80.7	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	49.9	78.4	80.7	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000	50.0	78.6	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	50.5	79.4	81.7	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 12000	52.1	82.4	84.8	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 10000	54.1	85.5	88.0	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	54.4	86.1	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 8000	54.9	86.8	89.3	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	55.2	87.8	90.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 6000	55.9	89.3	91.4	91.6	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	56.4	90.3	92.9	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4500	56.5	91.3	93.9	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	56.7	92.2	94.9	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	56.9	92.8	95.7	95.9	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	57.2	93.6	96.6	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	57.3	94.1	97.1	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	57.3	94.3	97.3	97.8	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 1800	57.5	94.7	97.7	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 1500	57.6	95.0	98.0	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 1200	57.7	95.4	98.3	98.8	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	57.7	95.4	98.4	98.9	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	57.7	95.4	98.4	98.9	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	57.7	95.4	98.4	98.9	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	57.7	95.4	98.4	98.9	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 600	57.7	95.4	98.5	99.0	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	57.7	95.5	98.5	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	57.7	95.5	98.6	99.1	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	57.7	95.5	98.6	99.1	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	57.7	95.5	98.6	99.1	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	57.7	95.5	98.6	99.1	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	57.7	95.5	98.6	99.1	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1749

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13743 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,53-74 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.3	64.5	69.1	70.8	71.7	71.9	72.4	72.8	72.9	72.9	72.9	72.9	73.0	73.0	73.1	73.1
≥ 20000	41.3	72.7	78.4	80.3	81.5	81.7	82.2	82.6	82.7	82.7	82.8	82.8	82.9	82.9	83.0	83.0
≥ 18000	41.3	73.1	78.8	80.8	82.0	82.1	82.7	83.1	83.2	83.2	83.2	83.2	83.4	83.4	83.5	83.5
≥ 16000	41.4	73.4	79.2	81.1	82.3	82.5	83.0	83.4	83.5	83.5	83.6	83.6	83.7	83.7	83.8	83.8
≥ 14000	41.9	74.2	80.1	82.0	83.2	83.4	83.9	84.3	84.4	84.4	84.5	84.5	84.6	84.6	84.7	84.7
≥ 12000	42.1	76.4	82.6	84.7	85.9	86.1	86.6	87.0	87.1	87.1	87.2	87.2	87.3	87.3	87.4	87.4
≥ 10000	44.3	78.7	84.9	87.0	88.2	88.3	88.9	89.3	89.4	89.4	89.5	89.5	89.6	89.6	89.7	89.7
≥ 9000	44.9	79.4	85.7	87.8	89.0	89.1	89.7	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.5	90.5
≥ 8000	45.8	80.6	86.9	89.1	90.3	90.4	91.0	91.4	91.5	91.5	91.5	91.5	91.7	91.7	91.8	91.8
≥ 7000	46.2	81.3	87.8	89.9	91.1	91.3	91.8	92.2	92.3	92.3	92.4	92.4	92.5	92.5	92.6	92.6
≥ 6000	46.4	82.1	88.6	90.8	92.0	92.2	92.8	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.6	93.6
≥ 5000	46.7	83.2	89.8	92.0	93.3	93.5	94.2	94.6	94.7	94.7	94.7	94.7	94.8	94.8	95.0	95.0
≥ 4500	46.8	83.5	90.1	92.3	93.6	93.8	94.5	94.8	95.0	95.0	95.0	95.0	95.1	95.1	95.2	95.2
≥ 4000	46.9	84.0	90.7	92.9	94.2	94.4	95.1	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.9	95.9
≥ 3500	47.1	84.4	91.1	93.3	94.6	94.8	95.5	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.2	96.2
≥ 3000	47.2	84.7	91.6	93.8	95.1	95.4	96.0	96.4	96.5	96.5	96.6	96.6	96.7	96.7	96.8	96.8
≥ 2500	47.4	85.2	91.9	94.1	95.4	95.6	96.2	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1
≥ 2000	47.5	85.5	92.2	94.5	95.8	96.0	96.7	97.1	97.2	97.2	97.3	97.3	97.4	97.4	97.5	97.5
≥ 1800	47.5	85.5	92.2	94.5	95.9	96.1	96.8	97.2	97.3	97.3	97.4	97.4	97.5	97.5	97.6	97.6
≥ 1500	47.5	85.9	92.6	95.0	96.4	96.6	97.3	97.7	97.8	97.8	97.9	97.9	98.0	98.0	98.1	98.1
≥ 1200	47.5	86.0	92.7	95.1	96.6	96.8	97.5	97.9	98.0	98.0	98.0	98.0	98.2	98.2	98.3	98.3
≥ 1000	47.5	86.0	92.7	95.1	96.7	96.9	97.6	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.4	98.4
≥ 900	47.5	86.2	92.9	95.4	96.9	97.1	97.8	98.2	98.3	98.3	98.4	98.4	98.5	98.5	98.6	98.6
≥ 800	47.5	86.2	92.9	95.4	97.1	97.3	98.0	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.8	98.8
≥ 700	47.5	86.3	93.0	95.4	97.1	97.4	98.1	98.5	98.6	98.6	98.7	98.7	98.8	98.8	98.9	98.9
≥ 600	47.5	86.6	93.3	95.7	97.4	97.6	98.4	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.2	99.2
≥ 500	47.5	86.7	93.4	95.8	97.5	97.8	98.5	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.3	99.3
≥ 400	47.5	86.9	93.6	96.0	97.8	98.0	98.8	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6
≥ 300	47.5	86.9	93.7	96.1	97.9	98.2	98.9	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7
≥ 200	47.6	87.1	93.8	96.2	98.0	98.3	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	47.6	87.1	93.8	96.2	98.0	98.3	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 0	47.6	87.1	93.8	96.2	98.0	98.3	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1785

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13865 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.8	48.5	55.4	59.5	62.0	62.5	64.7	65.7	65.9	66.3	66.4	66.5	66.7	66.7	66.9	67.0
≥ 20000	25.0	55.2	63.5	68.3	71.3	72.0	74.5	75.6	75.8	76.4	76.5	76.4	76.8	76.8	77.1	77.2
≥ 18000	25.2	55.4	63.8	68.6	71.6	72.3	74.7	75.9	76.1	76.7	76.8	76.9	77.1	77.1	77.4	77.5
≥ 16000	25.4	56.1	64.4	69.3	72.3	72.9	75.4	76.6	76.7	77.4	77.5	77.5	77.8	77.8	78.1	78.1
≥ 14000	25.5	56.5	65.1	70.1	73.2	73.9	76.4	77.5	77.7	78.3	78.4	78.5	78.7	78.7	79.0	79.1
≥ 12000	26.0	58.6	67.6	73.1	76.9	77.2	79.8	80.9	81.1	81.8	81.9	81.9	82.2	82.2	82.5	82.6
≥ 10000	27.0	60.9	70.1	75.6	79.0	79.8	82.4	83.6	83.8	84.5	84.6	84.6	84.9	84.9	85.2	85.2
≥ 9000	27.6	61.3	71.3	76.9	80.4	81.2	83.8	85.0	85.2	85.9	86.0	86.1	86.3	86.3	86.6	86.7
≥ 8000	28.1	63.1	72.9	78.4	81.9	82.6	85.2	86.5	86.6	87.3	87.4	87.5	87.8	87.8	88.1	88.1
≥ 7000	28.4	63.6	73.1	78.9	82.6	83.3	85.9	87.1	87.3	88.0	88.1	88.2	88.4	88.4	88.8	88.8
≥ 6000	28.6	64.2	73.8	79.7	83.4	84.1	86.8	88.0	88.2	88.9	89.0	89.1	89.3	89.3	89.7	89.7
≥ 5000	28.9	64.9	74.7	80.7	84.3	85.2	88.0	89.3	89.4	90.1	90.2	90.3	90.6	90.6	90.9	90.9
≥ 4500	28.9	65.1	74.9	80.9	84.6	85.5	88.3	89.5	89.7	90.4	90.5	90.6	90.8	90.8	91.2	91.2
≥ 4000	29.1	65.6	75.6	81.7	85.3	86.2	89.1	90.3	90.5	91.2	91.3	91.4	91.6	91.6	92.0	92.1
≥ 3500	29.2	65.7	75.8	81.9	85.6	86.5	89.2	90.6	90.7	91.4	91.5	91.6	91.8	91.8	92.2	92.3
≥ 3000	29.3	66.1	76.2	82.3	86.1	87.0	89.8	91.1	91.2	91.9	92.0	92.1	92.3	92.3	92.7	92.8
≥ 2500	29.5	66.5	76.6	82.7	86.5	87.4	90.2	91.4	91.6	92.3	92.4	92.5	92.7	92.7	93.1	93.2
≥ 2000	29.5	66.7	77.0	83.1	87.0	87.8	90.7	91.9	92.1	92.7	92.8	93.0	93.2	93.2	93.6	93.6
≥ 1800	29.7	66.8	77.0	83.2	87.1	88.0	90.8	92.1	92.2	92.9	93.0	93.1	93.3	93.3	93.7	93.8
≥ 1500	29.7	67.2	77.5	83.7	87.8	88.7	91.6	92.9	93.0	93.6	93.7	93.8	94.1	94.1	94.5	94.5
≥ 1200	30.0	67.8	78.2	84.5	88.5	89.5	92.3	93.6	93.7	94.4	94.5	94.6	94.9	94.9	95.2	95.3
≥ 1000	30.0	68.0	78.5	84.8	88.9	89.8	92.7	93.9	94.1	94.7	94.9	95.0	95.2	95.2	95.6	95.6
≥ 900	30.0	68.1	78.6	85.0	89.2	90.1	93.0	94.2	94.4	95.1	95.2	95.3	95.5	95.5	95.9	96.0
≥ 800	30.1	68.4	79.0	85.5	89.6	90.6	93.6	94.9	95.0	95.7	95.8	95.9	96.1	96.1	96.5	96.6
≥ 700	30.1	68.6	79.3	85.7	89.9	90.9	93.9	95.2	95.4	96.0	96.1	96.3	96.5	96.5	96.9	96.9
≥ 600	30.1	68.6	79.3	85.8	90.1	91.2	94.1	95.4	95.6	96.3	96.4	96.5	96.7	96.7	97.1	97.1
≥ 500	30.1	68.8	79.5	86.1	90.4	91.5	94.6	95.9	96.0	96.7	96.8	96.9	97.1	97.1	97.5	97.6
≥ 400	30.1	68.9	79.7	86.2	90.6	91.7	94.8	96.1	96.3	96.9	97.0	97.1	97.4	97.4	97.8	97.8
≥ 300	30.1	69.0	79.9	86.5	90.9	92.0	95.1	96.5	96.6	97.3	97.4	97.5	97.8	97.8	98.2	98.2
≥ 200	30.1	69.0	79.9	86.6	91.1	92.2	95.3	97.0	97.1	97.9	98.0	98.2	98.5	98.6	99.0	99.2
≥ 100	30.1	69.0	79.9	86.6	91.1	92.2	95.3	97.0	97.2	98.0	98.2	98.3	98.7	99.0	99.1	99.6
0	30.1	69.3	79.9	86.6	91.1	92.2	95.3	97.1	97.2	98.0	98.2	98.3	98.7	99.0	99.1	99.7

TOTAL NUMBER OF OBSERVATIONS 1705

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 42-45,59-74 YEARS — JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.6	42.6	46.9	49.9	52.6	53.0	53.8	54.8	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2
≥ 20000	24.7	50.0	55.8	59.4	62.4	62.9	63.9	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.4	65.4
≥ 18000	24.8	50.2	56.1	59.6	62.6	63.1	64.1	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.6
≥ 16000	24.9	50.7	56.6	60.1	63.1	63.6	64.6	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1
≥ 14000	25.3	52.0	58.0	61.8	64.8	65.3	66.3	67.4	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8
≥ 12000	26.8	55.3	61.8	65.9	69.0	69.5	70.5	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2
≥ 10000	29.4	59.9	66.6	70.7	74.0	74.5	75.7	77.0	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 9000	30.2	61.3	68.1	72.3	75.6	76.1	77.3	78.6	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 8000	31.4	63.8	70.9	75.1	78.4	79.0	80.3	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.1	82.1
≥ 7000	32.2	65.1	72.2	76.6	79.9	80.5	81.8	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6
≥ 6000	32.5	65.8	73.0	77.4	80.8	81.4	82.7	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 5000	32.7	66.4	73.5	77.9	81.3	82.0	83.2	84.6	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0
≥ 4500	32.9	66.3	73.7	78.0	81.4	82.1	83.4	84.7	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1
≥ 4000	33.2	67.0	74.4	78.8	82.3	82.9	84.2	85.5	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0
≥ 3500	33.3	67.3	74.7	79.1	82.6	83.2	84.5	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 3000	33.4	68.1	75.4	80.0	83.5	84.1	85.4	86.8	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 2500	33.7	68.3	75.8	80.4	83.9	84.5	85.9	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.7	87.7
≥ 2000	34.0	69.3	77.0	81.5	85.0	85.7	87.1	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9
≥ 1800	34.0	69.5	77.1	81.7	85.2	85.8	87.3	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.1	89.1
≥ 1500	34.1	69.9	77.7	82.4	86.0	86.7	88.1	89.5	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 1200	34.3	71.9	78.9	83.7	87.4	88.1	89.6	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5
≥ 1000	34.6	72.0	80.1	85.0	88.7	89.5	91.0	92.4	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 900	34.8	72.4	80.6	85.5	89.3	90.0	91.5	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.7	93.7
≥ 800	34.9	72.8	81.2	86.2	90.0	90.8	92.4	93.9	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 700	35.1	73.4	82.0	87.1	91.0	91.7	93.4	94.8	95.2	95.3	95.3	95.3	95.4	95.4	95.5	95.5
≥ 600	35.1	73.5	82.3	87.4	91.4	92.1	93.8	95.2	95.6	95.7	95.7	95.7	95.8	95.8	95.9	95.9
≥ 500	35.3	74.1	83.0	88.1	92.2	92.9	94.7	96.2	96.6	96.9	96.9	96.9	96.9	96.9	97.0	97.0
≥ 400	35.3	74.2	83.2	88.4	92.7	93.5	95.3	96.9	97.3	97.7	97.7	97.7	97.8	97.8	97.9	97.9
≥ 300	35.3	74.3	83.3	88.6	93.0	94.0	96.0	97.9	98.4	98.9	98.9	99.0	99.0	99.0	99.2	99.2
≥ 200	35.3	74.3	83.3	88.6	93.0	94.0	96.0	98.0	98.5	99.2	99.3	99.4	99.5	99.5	99.6	99.7
≥ 100	35.3	74.3	83.3	88.6	93.0	94.0	96.0	98.0	98.5	99.2	99.3	99.6	99.7	99.7	99.8	99.9
0	35.3	74.3	83.3	88.6	93.0	94.0	96.0	98.0	98.5	99.2	99.3	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1784

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13875 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.4	54.1	55.4	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	43.8	63.1	64.5	65.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	44.1	63.3	64.8	65.3	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	44.8	63.5	65.5	66.0	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	45.4	65.2	66.9	67.4	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000	46.4	69.3	70.6	71.1	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 10000	51.2	72.5	74.6	75.1	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000	51.7	73.3	75.3	75.9	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000	53.2	75.8	77.9	78.6	78.9	78.9	78.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	53.9	76.6	78.2	78.8	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	54.4	77.3	78.9	79.5	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000	54.9	78.2	79.8	80.4	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	55.2	78.7	80.4	81.0	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	55.3	79.9	81.6	82.2	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	56.7	81.1	82.9	83.5	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	57.4	82.4	84.2	84.9	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	58.8	84.6	86.5	87.1	87.6	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	59.5	87.4	89.4	90.1	90.7	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	60.3	88.1	90.1	90.8	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	61.8	90.4	92.5	93.2	93.8	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	62.8	92.5	94.8	95.6	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	63.4	93.4	95.9	96.7	97.4	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	63.5	93.6	96.1	97.0	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	63.6	93.8	96.3	97.4	98.1	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	63.7	94.0	96.6	97.6	98.3	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	63.7	94.2	96.9	97.9	98.8	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	63.7	94.2	96.9	97.9	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	63.7	94.2	96.9	98.0	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.7	94.2	96.9	98.0	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.7	94.2	96.9	98.0	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.7	94.2	96.9	98.0	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	63.7	94.2	96.9	98.0	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1780

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13829 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.3	50.0	50.7	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 20000	52.6	65.3	66.0	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	53.1	65.3	66.3	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	52.6	66.3	66.8	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
≥ 14000	53.7	67.4	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	56.4	70.9	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	58.7	74.1	74.9	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 9000	59.1	74.8	75.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	60.8	76.9	77.8	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
≥ 7000	61.3	77.4	78.2	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	62.2	78.9	79.8	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	63.0	80.2	81.2	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	63.8	81.3	82.4	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	64.9	83.1	84.2	84.6	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	66.3	85.4	86.5	86.9	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	68.2	88.7	90.1	90.5	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	69.9	91.4	92.8	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 2000	71.7	94.0	95.6	96.1	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.8	96.8	96.8	96.8
≥ 1800	72.1	94.7	96.3	96.8	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	72.7	95.4	97.3	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 1200	72.9	95.8	97.7	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1000	73.0	95.9	97.9	98.4	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	73.0	95.9	97.9	98.4	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	73.0	95.9	97.9	98.5	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700	73.0	96.0	97.9	98.6	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	73.0	96.1	98.0	98.8	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	73.0	96.1	98.0	98.8	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	73.0	96.1	98.0	98.8	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	73.0	96.1	98.0	98.8	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	73.0	96.1	98.0	98.8	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	73.0	96.1	98.0	98.8	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	73.0	96.1	98.0	98.8	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

OTAL NUMBER OF OBSERVATIONS 1776

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING	39.4	48.8	49.3	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	56.4	68.9	69.4	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 18000	56.1	69.1	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	56.6	69.6	70.1	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
≥ 14000	57.8	71.3	71.8	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 12000	60.1	74.5	75.1	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000	62.5	78.2	78.8	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 9000	63.2	78.9	79.6	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 8000	65.5	81.6	82.5	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000	66.5	83.2	83.9	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	67.4	84.9	85.2	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	68.2	85.6	86.4	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	68.6	86.4	87.2	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	69.9	88.7	89.6	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 3500	70.8	90.6	91.6	92.1	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	72.0	92.6	93.6	94.2	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 2500	72.9	94.3	95.5	96.4	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 2000	73.6	95.4	96.8	97.6	97.9	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1800	73.7	95.5	96.9	97.7	98.0	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 1500	73.8	95.9	97.3	98.2	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 1200	73.8	95.9	97.4	98.3	98.8	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 1000	73.9	96.1	97.7	98.6	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 900	73.9	96.1	97.8	98.7	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 800	73.9	96.2	97.9	98.8	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	73.9	96.4	97.9	98.8	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	73.9	96.3	98.0	98.9	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500	73.9	96.3	98.0	98.9	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	73.9	96.3	98.0	98.9	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	73.9	96.3	98.0	98.9	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	73.9	96.3	98.0	98.9	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	73.9	96.3	98.0	98.9	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	73.9	96.3	98.0	98.9	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1790

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.6	48.9	50.1	50.3	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	52.6	68.9	70.4	70.5	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	52.8	69.2	70.7	70.9	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000	53.2	69.9	71.4	71.6	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	54.5	71.8	73.3	73.5	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	57.0	76.5	78.2	78.5	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 10000	59.9	80.9	82.8	83.0	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	60.2	81.6	83.7	84.0	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 8000	62.8	84.8	86.9	87.2	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000	63.7	86.2	88.3	88.6	89.0	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	64.2	87.3	89.4	89.7	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	64.5	88.1	90.4	90.6	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	64.6	88.5	90.9	91.2	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	65.1	90.1	92.6	93.1	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	65.4	90.4	93.1	93.9	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	66.1	92.3	95.2	95.5	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	66.1	93.4	96.2	96.6	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	66.1	93.9	96.8	97.2	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	66.3	93.9	96.8	97.2	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	66.4	94.3	97.2	97.7	98.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	66.5	94.5	97.5	98.0	98.6	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	66.5	94.9	97.5	98.1	98.7	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	66.5	94.5	97.6	98.1	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	66.5	94.5	97.6	98.1	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 700	66.5	94.5	97.6	98.2	98.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	66.5	94.5	97.6	98.2	98.9	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	66.5	94.6	97.7	98.4	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	66.5	94.6	97.7	98.4	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	66.5	94.7	97.7	98.4	99.0	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	66.5	94.8	97.8	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	66.5	94.8	97.8	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	66.5	94.8	97.8	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1735

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13625 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.1	59.5	61.9	63.1	63.5	63.5	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1
≥ 20000	49.6	74.9	76.9	78.3	78.7	78.7	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	49.8	74.1	77.1	78.4	78.9	78.9	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 16000	49.9	74.4	77.4	78.8	79.2	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000	50.6	75.4	78.4	79.7	80.2	80.2	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8
≥ 12000	52.7	79.2	82.5	83.9	84.4	84.4	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1
≥ 10000	54.4	82.4	85.7	87.0	87.6	87.6	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
≥ 9000	54.5	82.4	85.7	87.1	87.6	87.6	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	55.8	84.9	87.8	89.1	89.7	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	56.4	85.4	88.8	90.1	90.7	90.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 6000	57.0	86.1	89.5	90.9	91.4	91.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1
≥ 5000	57.4	87.1	90.5	91.9	92.4	92.4	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 4500	57.5	87.6	91.0	92.6	93.1	93.1	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	57.7	88.2	91.7	93.3	93.9	93.9	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	58.3	89.1	92.8	94.4	95.0	95.0	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	58.5	90.1	93.7	95.3	95.9	95.9	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	58.7	91.0	94.8	96.6	97.2	97.2	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	58.7	91.2	95.2	96.9	97.5	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	58.7	91.3	95.2	96.9	97.5	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	58.8	91.6	95.5	97.3	97.9	98.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	58.8	91.8	95.6	97.5	98.1	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 1000	58.8	91.9	95.9	97.7	98.3	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 900	58.8	91.9	95.9	97.8	98.4	98.5	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 800	58.8	91.9	96.0	97.8	98.4	98.5	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	58.9	92.0	96.1	97.9	98.5	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 600	59.0	92.2	96.2	98.1	98.7	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 500	59.0	92.3	96.4	98.2	98.8	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	59.0	92.4	96.4	98.3	98.9	99.0	99.4	99.9	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	59.0	92.4	96.4	98.3	98.9	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	59.0	92.4	96.4	98.3	98.9	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	59.0	92.4	96.4	98.3	98.9	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	59.0	92.4	96.4	98.3	98.9	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1786

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13865 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,50-74 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.3	60.3	66.1	69.6	71.1	71.5	72.1	72.5	72.5	72.7	72.7	72.8	72.8	72.8	73.0	73.0
≥ 20000	31.5	68.2	74.5	78.2	79.7	80.1	80.6	81.2	81.3	81.5	81.[illegible]	81.5	81.6	81.6	81.7	81.7
≥ 18000	32.1	68.4	74.8	78.4	80.0	80.4	80.9	81.5	81.6	81.7	81.7	81.8	81.8	81.8	82.0	82.0
≥ 16000	32.3	68.6	75.1	78.8	80.3	80.7	81.2	81.8	81.9	82.1	82.1	82.1	82.2	82.2	82.3	82.3
≥ 14000	32.7	69.5	75.9	79.6	81.3	81.7	82.2	82.8	82.9	83.0	83.[illegible]	83.1	83.1	83.1	83.3	83.3
≥ 12000	33.7	71.6	78.3	82.2	83.9	84.3	84.8	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.9	85.9
≥ 10000	34.7	74.1	81.0	84.9	86.7	87.1	87.7	88.3	88.4	88.5	88.[illegible]	88.6	88.6	88.6	88.8	88.8
≥ 9000	34.9	74.4	81.4	85.3	87.1	87.5	88.1	88.7	88.8	89.0	89.[illegible]	89.0	89.1	89.1	89.[illegible]	89.2
≥ 8000	36.0	76.2	83.4	87.2	89.0	89.4	90.0	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.2	91.2
≥ 7000	36.8	77.[illegible]	84.4	88.3	90.1	90.4	91.0	91.7	91.8	91.9	91.[illegible]	92.0	92.1	92.1	92.2	92.2
≥ 6000	37.1	77.7	84.9	88.9	90.6	91.0	91.6	92.3	92.4	92.5	92.5	92.5	92.6	92.6	92.8	92.8
≥ 5000	37.5	78.[illegible]	85.6	89.6	91.4	91.8	92.4	93.0	93.1	93.3	93.3	93.4	93.4	93.4	93.6	93.6
≥ 4500	37.5	78.5	85.8	89.9	91.7	92.1	92.6	93.3	93.4	93.6	93.[illegible]	93.6	93.7	93.7	93.8	93.8
≥ 4000	37.6	78.[illegible]	85.9	90.1	91.9	92.3	92.9	93.6	93.7	93.8	93.8	93.9	93.9	93.9	94.1	94.1
≥ 3500	37.6	79.1	86.5	90.7	92.6	93.1	93.7	94.3	94.4	94.6	94.6	94.6	94.7	94.7	94.9	94.9
≥ 3000	37.6	79.2	86.6	90.9	92.8	93.3	93.9	94.5	94.6	94.8	94.[illegible]	94.9	94.9	94.9	95.1	95.1
≥ 2500	37.6	79.6	87.1	91.2	93.1	93.6	94.2	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.4	95.4
≥ 2000	37.8	79.9	87.6	91.7	93.6	94.1	94.[illegible]	95.4	95.5	95.7	95.7	95.7	95.8	95.8	95.9	95.9
≥ 1800	37.8	79.9	87.[illegible]	91.8	93.7	94.2	94.9	95.5	95.6	95.8	95.8	95.8	95.9	95.9	96.1	96.1
≥ 1500	37.9	80.3	88.1	92.3	94.2	94.6	95.3	95.9	96.1	96.2	96.[illegible]	96.3	96.3	96.3	96.5	96.5
≥ 1200	37.9	80.7	88.4	92.6	94.5	95.0	95.7	96.3	96.4	96.6	96.6	96.6	96.7	96.7	96.9	96.9
≥ 1000	37.9	81.0	88.8	93.1	95.0	95.5	96.1	96.8	96.9	97.0	97.[illegible]	97.1	97.1	97.1	97.3	97.3
≥ 900	38.0	81.1	88.9	93.2	95.1	95.6	96.2	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.4	97.4
≥ 800	38.0	81.1	88.9	93.3	95.2	95.7	96.4	97.0	97.1	97.3	97.[illegible]	97.4	97.4	97.4	97.6	97.6
≥ 700	38.0	81.2	89.0	93.4	95.3	95.8	96.4	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.6	97.6
≥ 600	38.0	81.4	89.1	93.6	95.6	96.1	96.7	97.4	97.5	97.6	97.[illegible]	97.7	97.7	97.7	97.9	97.9
≥ 500	38.1	81.5	89.4	94.1	96.2	96.8	97.4	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.6	98.6
≥ 400	38.1	81.7	89.6	94.3	96.5	97.1	97.8	98.4	98.5	98.7	98.[illegible]	98.8	98.8	98.8	99.0	99.0
≥ 300	38.1	81.7	89.8	94.4	96.7	97.4	98.0	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.2	99.2
≥ 200	38.1	81.8	89.9	94.6	96.9	97.6	98.2	98.9	99.[illegible]	99.2	99.3	99.4	99.[illegible]	99.5	99.7	99.8
≥ 100	38.1	81.9	90.0	94.7	97.0	97.7	98.3	99.0	99.1	99.[illegible]	99.4	99.5	99.6	99.6	99.9	99.9
0	38.1	81.9	90.0	94.7	97.0	97.7	98.3	99.0	99.1	99.4	99.[illegible]	99.5	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1850

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14845 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	16.7	41.8	50.1	55.9	60.9	61.8	65.0	65.9	66.3	66.5	67.1	67.1	67.3	67.6	67.6	67.7
≥ 20000	18.6	46.9	56.6	62.4	67.9	68.9	72.2	73.3	73.7	73.9	74.5	74.6	74.8	75.1	75.1	75.2
≥ 18000	18.7	47.2	56.3	62.8	68.3	69.2	72.6	73.7	74.1	74.3	74.9	75.0	75.2	75.5	75.6	75.7
≥ 16000	18.9	47.5	56.6	63.1	68.6	69.6	72.9	74.0	74.4	74.6	75.2	75.4	75.6	75.8	75.9	76.0
≥ 14000	19.1	48.2	57.5	64.0	69.6	70.5	73.9	75.0	75.4	75.6	76.2	76.3	76.5	76.8	76.9	77.0
≥ 12000	19.5	49.6	59.4	65.9	71.6	72.5	75.9	77.0	77.4	77.7	78.3	78.4	78.6	78.9	79.0	79.1
≥ 10000	19.7	51.2	61.2	68.1	73.8	74.8	78.2	79.3	79.7	79.9	80.6	80.7	81.0	81.2	81.4	81.5
≥ 9000	19.8	51.6	61.6	68.5	74.4	75.4	78.9	80.1	80.5	80.8	81.5	81.6	81.8	82.1	82.2	82.3
≥ 8000	20.4	53.1	63.3	70.2	76.1	77.1	80.6	81.8	82.2	82.7	83.4	83.5	83.7	84.0	84.1	84.2
≥ 7000	20.9	53.5	64.2	71.2	77.3	78.3	81.8	83.1	83.5	84.0	84.6	84.8	85.0	85.3	85.4	85.5
≥ 6000	21.1	54.4	64.8	71.8	77.9	78.9	82.4	83.7	84.1	84.6	85.3	85.4	85.7	85.9	86.1	86.2
≥ 5000	21.8	56.1	66.6	73.7	79.9	80.9	84.5	85.8	86.2	86.8	87.4	87.5	87.8	88.1	88.2	88.3
≥ 4500	22.1	56.4	67.0	74.1	80.3	81.4	85.0	86.3	86.6	87.2	87.9	88.0	88.3	88.5	88.6	88.8
≥ 4000	22.3	56.8	67.4	74.5	80.7	81.8	85.4	86.8	87.1	87.7	88.4	88.5	88.8	89.0	89.1	89.2
≥ 3500	22.3	56.8	67.5	74.6	81.0	82.1	85.7	87.1	87.5	88.1	88.7	88.8	89.1	89.4	89.5	89.6
≥ 3000	22.3	57.1	67.9	75.1	81.5	82.6	86.3	87.6	88.0	88.6	89.2	89.4	89.6	89.9	90.0	90.1
≥ 2500	22.3	57.4	68.2	75.5	81.9	83.1	86.8	88.1	88.5	89.1	89.7	89.8	90.1	90.4	90.5	90.6
≥ 2000	22.3	57.9	68.9	76.2	82.8	83.9	87.6	89.0	89.5	89.9	90.6	90.7	91.0	91.2	91.4	91.5
≥ 1800	22.3	58.1	69.0	76.4	83.0	84.2	87.8	89.2	89.6	90.2	90.8	90.9	91.2	91.5	91.6	91.7
≥ 1500	22.5	58.5	69.5	76.9	83.6	84.7	88.4	89.8	90.2	90.8	91.4	91.5	91.8	92.1	92.2	92.3
≥ 1200	22.5	58.8	69.7	77.2	83.8	85.0	88.7	90.1	90.4	91.0	91.7	91.8	92.1	92.3	92.4	92.5
≥ 1000	22.8	59.2	70.2	77.7	84.4	85.6	89.3	90.6	91.0	91.6	92.3	92.4	92.6	92.9	93.0	93.1
≥ 900	22.9	59.5	70.5	78.1	84.8	85.9	89.7	91.0	91.4	92.0	92.6	92.8	93.0	93.3	93.4	93.5
≥ 800	22.9	59.7	70.7	78.3	85.1	86.3	90.0	91.4	91.7	92.3	93.0	93.1	93.4	93.6	93.7	93.8
≥ 700	23.0	59.9	71.0	78.6	85.5	86.7	90.4	91.8	92.2	92.8	93.4	93.5	93.8	94.1	94.2	94.3
≥ 600	23.1	60.2	71.4	79.1	86.1	87.3	91.1	92.4	92.8	93.4	94.1	94.2	94.4	94.7	94.8	94.9
≥ 500	23.1	60.4	71.9	79.9	87.1	88.4	92.3	93.7	94.1	94.7	95.4	95.5	95.7	96.0	96.1	96.2
≥ 400	23.1	60.6	72.2	80.4	87.9	89.2	93.1	94.6	95.1	95.7	96.4	96.5	96.8	97.1	97.2	97.3
≥ 300	23.1	60.6	72.3	80.5	88.3	89.7	93.7	95.4	95.9	96.6	97.5	97.6	97.9	98.2	98.3	98.4
≥ 200	23.1	60.6	72.3	80.5	88.4	89.8	93.9	95.7	96.3	97.0	98.0	98.2	98.6	98.9	99.1	99.3
≥ 100	23.1	60.6	72.3	80.5	88.5	89.9	93.9	95.9	96.4	97.2	98.3	98.4	99.0	99.4	99.6	99.8
0	23.1	60.6	72.3	80.5	88.5	89.9	93.9	95.9	96.4	97.2	98.3	98.4	99.0	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1850

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	13.3	32.8	38.5	42.9	47.6	49.1	51.5	53.9	54.4	54.6	54.7	54.8	55.0	55.0	55.1	55.1
≥ 20000	15.8	38.5	45.1	50.5	55.8	57.3	60.0	62.3	62.8	63.1	63.2	63.3	63.5	63.5	63.7	63.7
≥ 18000	15.9	38.8	45.4	50.8	56.1	57.7	60.4	62.8	63.3	63.6	63.7	63.8	63.9	64.0	64.2	64.3
≥ 16000	15.9	38.9	45.6	51.0	56.4	57.9	60.7	63.1	63.6	63.8	64.0	64.1	64.2	64.3	64.5	64.5
≥ 14000	16.5	39.9	46.7	52.3	57.7	59.3	62.2	64.5	65.0	65.3	65.4	65.6	65.7	65.7	65.9	66.0
≥ 12000	17.4	42.2	49.9	55.9	61.5	63.1	66.0	68.5	68.9	69.2	69.4	69.5	69.6	69.6	69.9	69.9
≥ 10000	19.2	46.1	53.7	59.7	65.5	67.2	70.2	72.7	73.1	73.5	73.6	73.7	73.8	73.9	74.2	74.2
≥ 9000	19.3	46.5	54.1	60.3	66.1	67.9	70.8	73.5	74.0	74.3	74.5	74.6	74.7	74.8	75.0	75.1
≥ 8000	19.7	47.8	55.5	61.7	67.7	69.4	72.5	75.3	75.8	76.2	76.4	76.5	76.6	76.6	76.9	77.0
≥ 7000	19.9	48.9	56.6	63.0	69.2	71.0	74.1	77.0	77.4	77.8	78.1	78.2	78.4	78.4	78.7	78.7
≥ 6000	20.1	49.3	57.1	63.5	69.9	71.7	74.9	77.7	78.2	78.6	78.8	79.0	79.1	79.2	79.4	79.5
≥ 5000	20.7	50.1	58.1	64.6	71.1	73.0	76.3	79.1	79.6	80.0	80.2	80.4	80.5	80.6	80.8	80.9
≥ 4500	21.3	51.2	59.4	65.8	72.3	74.3	77.6	80.4	80.9	81.3	81.6	81.7	81.9	81.9	82.2	82.2
≥ 4000	21.3	51.7	59.9	66.4	73.0	75.0	78.3	81.2	81.6	82.0	82.3	82.5	82.6	82.7	82.9	83.0
≥ 3500	21.5	52.2	60.5	67.0	73.6	75.6	78.9	81.9	82.3	82.7	83.0	83.2	83.3	83.4	83.6	83.7
≥ 3000	21.5	52.4	61.0	67.6	74.3	76.3	79.6	82.6	83.0	83.4	83.7	83.9	84.0	84.1	84.3	84.4
≥ 2500	21.7	53.0	61.6	68.2	75.0	77.0	80.3	83.3	83.7	84.1	84.4	84.6	84.7	84.8	85.0	85.1
≥ 2000	22.0	53.6	62.4	69.2	76.2	78.3	81.5	84.5	85.0	85.4	85.7	85.8	86.0	86.1	86.3	86.4
≥ 1800	22.0	53.7	62.5	69.3	76.3	78.4	81.6	84.6	85.1	85.5	85.8	85.9	86.1	86.2	86.4	86.5
≥ 1500	22.1	54.4	63.2	70.2	77.2	79.2	82.5	85.5	86.0	86.3	86.6	86.8	87.0	87.0	87.3	87.4
≥ 1200	22.4	55.1	63.9	71.0	78.0	80.1	83.4	86.3	86.8	87.2	87.5	87.6	87.8	87.9	88.2	88.2
≥ 1000	22.4	55.7	64.8	72.0	79.1	81.1	84.4	87.4	87.9	88.3	88.6	88.7	88.9	89.0	89.3	89.3
≥ 900	22.7	56.1	65.2	72.5	79.6	81.6	85.0	88.0	88.5	88.9	89.2	89.3	89.5	89.6	89.9	89.9
≥ 800	22.9	56.9	66.1	73.5	80.7	82.8	86.2	89.2	89.7	90.1	90.4	90.5	90.7	90.8	91.1	91.2
≥ 700	23.0	57.7	67.0	74.5	81.8	83.9	87.3	90.3	90.8	91.2	91.5	91.6	91.8	91.9	92.2	92.2
≥ 600	23.1	58.5	68.1	75.7	83.1	85.3	88.8	91.9	92.4	92.8	93.2	93.3	93.5	93.5	94.0	94.0
≥ 500	23.1	59.0	68.7	76.7	84.3	86.8	90.4	93.6	94.1	94.6	94.9	95.0	95.3	95.3	95.7	95.8
≥ 400	23.2	59.4	69.3	77.3	85.1	87.7	91.8	95.2	95.6	96.2	96.5	96.6	96.9	97.0	97.4	97.5
≥ 300	23.2	59.4	69.3	77.5	85.5	88.1	92.4	95.8	96.4	97.2	97.5	97.7	98.1	98.2	98.6	98.7
≥ 200	23.2	59.4	69.3	77.5	85.6	88.2	92.5	96.1	96.7	97.6	98.1	98.2	98.7	98.9	99.4	99.5
≥ 100	23.2	59.4	69.3	77.5	85.6	88.2	92.5	96.1	96.7	97.6	98.1	98.3	98.8	99.1	99.7	99.9
0	23.2	59.4	69.3	77.5	85.6	88.2	92.5	96.1	96.7	97.6	98.1	98.3	98.8	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1858

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13829 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.5	52.3	54.9	56.1	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	37.5	60.7	63.5	64.7	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	37.9	61.2	64.0	65.2	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	38.0	61.4	64.2	65.5	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	39.0	63.0	65.8	67.1	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	40.9	66.5	69.4	70.7	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	43.1	69.7	72.8	74.0	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	43.2	70.3	73.3	74.6	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	44.5	72.1	75.2	76.6	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	45.3	73.9	76.1	77.5	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	45.2	74.6	76.9	78.3	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	45.8	74.5	77.8	79.2	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	45.9	75.0	78.3	79.7	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	46.2	75.8	79.2	80.6	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	46.6	76.5	79.9	81.3	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	47.8	78.2	81.6	83.1	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	49.2	80.7	84.1	85.6	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	50.5	82.9	86.4	88.1	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	51.1	83.8	87.3	89.0	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	52.0	85.7	89.3	91.1	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	52.7	87.4	91.1	92.9	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	53.5	89.4	93.2	95.1	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	53.6	89.8	93.7	95.6	96.5	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	53.8	90.6	94.7	96.7	97.6	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	53.9	90.8	95.0	97.0	98.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	54.0	91.3	95.5	97.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	54.0	91.5	95.9	98.0	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	54.0	91.6	96.1	98.2	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	54.0	91.6	96.1	98.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.0	91.6	96.1	98.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.0	91.6	96.1	98.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	54.0	91.6	96.1	98.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1857

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.1	52.1	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	48.3	65.2	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000	48.4	65.4	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	48.5	65.4	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	49.9	66.6	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000	52.5	70.3	71.3	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
≥ 10000	55.3	73.4	74.6	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
≥ 9000	55.7	74.3	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	57.0	76.4	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	57.3	77.2	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	57.9	78.3	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	58.0	79.1	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4500	59.0	79.6	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	60.5	82.1	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3500	61.6	83.8	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	64.3	87.9	89.3	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	67.8	92.3	93.6	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	69.7	94.8	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	70.0	95.1	96.6	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	70.4	96.1	97.7	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	70.5	96.6	98.3	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	70.5	97.0	98.8	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	70.5	97.1	98.9	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	70.7	97.3	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	70.9	97.4	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	70.8	97.4	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	70.8	97.5	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	70.8	97.5	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	70.8	97.5	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.8	97.5	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.8	97.5	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.8	97.5	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1853

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.1	51.7	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	52.6
≥ 20000	54.2	71.2	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
< 20000	54.9	71.6	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	54.7	71.7	72.4	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
< 16000	55.3	72.5	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000	60.1	78.8	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
< 12000	62.0	81.3	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 9000	62.8	82.0	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
< 10000	64.5	84.5	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 7000	64.8	85.1	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
< 8000	64.9	85.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	65.4	86.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
< 6000	66.3	87.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	67.6	89.5	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
< 4500	68.3	90.5	91.9	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 3000	69.3	92.5	94.1	94.5	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
< 3500	70.4	94.1	95.4	95.8	96.1	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	71.4	95.6	97.0	97.5	97.8	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
< 2500	71.4	95.7	97.2	97.7	98.1	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 1500	71.4	96.2	97.7	98.2	98.5	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
< 1800	71.5	96.4	97.9	98.4	98.8	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 1000	71.5	96.5	98.1	98.6	99.0	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
< 1200	71.5	96.5	98.1	98.6	99.0	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 800	71.5	96.6	98.1	98.6	99.1	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
< 900	71.5	96.6	98.1	98.6	99.1	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	71.5	96.6	98.1	98.6	99.1	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
< 700	71.5	96.6	98.1	98.6	99.1	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 400	71.5	96.6	98.1	98.6	99.1	99.1	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
< 500	71.5	96.6	98.1	98.7	99.1	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 200	71.5	96.6	98.1	98.7	99.1	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
< 300	71.5	96.6	98.1	98.7	99.1	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	71.5	96.6	98.1	98.7	99.1	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1851

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.5	51.1	52.9	53.3	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	67.7	70.0	72.3	72.9	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 18000	68.2	70.6	72.9	73.5	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 16000	68.5	71.1	73.4	74.0	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	68.8	71.9	74.2	74.9	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	82.4	77.5	80.0	80.7	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	84.8	81.4	84.2	84.9	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	85.1	82.1	84.9	85.6	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 8000	86.5	84.1	86.9	87.6	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	87.1	85.1	87.9	88.7	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 6000	87.9	86.1	89.0	89.8	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	88.8	87.2	90.2	91.0	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500	89.1	87.9	91.0	91.8	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	89.8	89.4	92.5	93.3	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3500	90.2	90.3	93.5	94.4	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	90.5	91.2	94.4	95.4	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	91.1	92.4	95.6	96.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	91.5	93.1	96.4	97.6	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	91.5	93.1	96.4	97.6	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	91.7	93.6	97.2	98.4	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	91.7	93.8	97.2	98.4	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	91.7	93.8	97.3	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	91.8	94.0	97.4	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	91.8	94.0	97.4	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	91.8	94.0	97.4	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	91.8	94.0	97.5	98.7	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	91.8	94.0	97.5	98.7	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	91.8	94.0	97.5	98.8	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.8	94.0	97.5	98.8	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.8	94.0	97.5	98.8	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.8	94.0	97.5	98.8	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.8	94.0	97.5	98.8	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1857

USAF ETAC FORM JUL 64 3-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) AUG (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.0	62.6	66.1	67.6	68.0	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	45.3	74.7	78.6	80.2	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 18000	45.6	75.2	79.0	80.7	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5
≥ 16000	46.0	75.8	79.6	81.2	81.6	81.8	81.8	81.9	81.9	82.0	82.1	82.0	82.0	82.0	82.0	82.0
≥ 14000	46.2	76.6	80.4	82.1	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
≥ 12000	46.6	79.8	83.8	85.6	86.1	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
≥ 10000	49.2	82.9	86.9	88.7	89.2	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 9000	49.6	83.5	87.5	89.4	89.9	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 8000	50.5	85.2	89.3	91.2	91.6	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 7000	50.8	85.8	89.9	91.7	92.2	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	51.2	86.7	90.8	92.7	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 5000	51.8	87.6	91.8	93.7	94.2	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	51.9	88.1	92.3	94.2	94.7	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 4000	52.1	88.4	92.6	94.6	95.2	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 3500	52.2	88.9	93.2	95.2	95.7	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	52.4	89.8	94.1	96.2	96.8	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	52.4	90.0	94.5	96.6	97.2	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	52.7	90.4	94.9	97.3	97.8	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 1800	52.7	90.5	95.0	97.3	97.9	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	52.7	90.6	95.1	97.5	98.1	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	52.9	90.9	95.5	98.0	98.6	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	53.0	91.1	95.7	98.1	98.8	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	53.1	91.2	95.8	98.2	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	53.1	91.2	95.9	98.3	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	53.1	91.3	95.9	98.3	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	53.1	91.3	95.9	98.3	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	53.1	91.3	96.0	98.4	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	53.1	91.4	96.1	98.6	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	53.1	91.4	96.1	98.6	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	53.1	91.5	96.2	98.7	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	53.1	91.5	96.2	98.7	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	53.2	91.5	96.2	98.7	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1850

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

1382 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥4	≥0
NO CEILING	28.7	59.3	63.6	65.8	67.0	67.4	68.3	68.6	69.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8
≥ 20000	31.8	65.5	70.5	72.7	74.0	74.4	75.4	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 18000	32.2	66.1	71.1	73.4	74.7	75.1	76.0	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5
≥ 16000	32.3	66.3	71.3	73.6	74.9	75.3	76.3	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 14000	32.9	67.4	72.4	74.7	76.0	76.4	77.4	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8
≥ 12000	33.2	68.3	73.4	75.8	77.1	77.5	78.4	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 10000	33.7	70.3	75.5	77.9	79.2	79.7	80.7	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 9000	34.2	71.4	76.6	79.2	80.7	81.0	82.0	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.5
≥ 8000	34.5	72.3	77.9	80.6	82.2	82.6	83.6	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.1
≥ 7000	34.5	72.5	78.3	81.0	82.6	83.0	83.9	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 6000	34.7	73.2	79.0	81.7	83.3	83.7	84.7	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.2
≥ 5000	35.1	74.0	79.8	82.6	84.4	84.8	85.8	86.0	86.1	86.1	86.2	86.2	86.3	86.3	86.4	86.5
≥ 4500	35.1	74.6	80.6	83.3	85.2	85.6	86.6	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.2	87.2
≥ 4000	35.3	75.5	81.4	84.2	86.1	86.5	87.5	87.7	87.7	87.8	87.8	87.8	88.0	88.0	88.1	88.1
≥ 3500	35.3	75.8	81.8	84.6	86.5	86.9	87.8	88.1	88.1	88.2	88.2	88.2	88.4	88.4	88.5	88.5
≥ 3000	35.8	76.6	82.7	85.5	87.3	87.8	88.7	89.0	89.0	89.1	89.1	89.1	89.3	89.3	89.4	89.4
≥ 2500	35.8	77.4	83.6	86.5	88.4	88.8	89.7	90.0	90.0	90.1	90.1	90.1	90.3	90.3	90.4	90.4
≥ 2000	36.1	78.0	84.6	87.4	89.4	89.9	90.8	91.1	91.1	91.2	91.2	91.2	91.4	91.4	91.5	91.5
≥ 1800	36.2	78.3	84.8	87.7	89.6	90.1	91.1	91.4	91.4	91.5	91.5	91.5	91.7	91.7	91.8	91.8
≥ 1500	36.3	78.9	85.7	88.6	90.6	91.1	92.2	92.5	92.5	92.6	92.6	92.6	92.8	92.8	92.9	92.9
≥ 1200	36.5	79.9	86.8	89.7	91.9	92.3	93.4	93.7	93.8	93.8	93.9	93.9	94.0	94.0	94.1	94.1
≥ 1000	36.6	80.2	87.8	90.8	93.0	93.5	94.6	95.0	95.0	95.1	95.2	95.2	95.3	95.3	95.4	95.4
≥ 900	36.6	81.3	88.3	91.3	93.7	94.1	95.3	95.7	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.1
≥ 800	36.7	81.7	88.7	91.8	94.2	94.6	95.8	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.6
≥ 700	36.8	82.1	89.3	92.5	94.9	95.4	96.5	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.3	97.3
≥ 600	36.8	82.5	89.7	93.1	95.6	96.0	97.3	97.8	97.9	97.9	98.0	98.0	98.2	98.2	98.2	98.3
≥ 500	36.9	82.6	89.9	93.3	95.8	96.3	97.5	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.5	98.6
≥ 400	36.9	82.7	90.2	93.6	96.3	96.8	98.2	98.9	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.4
≥ 300	36.9	82.7	90.2	93.6	96.4	97.0	98.4	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.8
≥ 200	36.9	82.8	90.4	93.8	96.5	97.2	98.6	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 100	36.9	82.8	90.4	93.8	96.5	97.2	98.6	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0
0	36.9	82.8	90.4	93.8	96.5	97.2	98.6	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1794

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13925 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.4	47.2	52.5	55.9	59.7	59.9	61.2	62.1	62.3	62.7	62.8	62.8	63.1	63.1	63.1	63.4
≥ 20000	20.3	51.8	57.7	61.7	65.8	66.1	67.5	68.4	68.7	69.1	69.3	69.3	69.5	69.5	69.6	69.9
≥ 18000	20.4	52.0	57.9	61.9	66.2	66.5	67.9	68.8	69.0	69.4	69.6	69.6	69.9	69.9	69.9	70.2
≥ 16000	20.7	52.5	58.4	62.4	66.7	67.0	68.4	69.3	69.6	70.0	70.1	70.1	70.4	70.4	70.5	70.8
≥ 14000	20.9	53.2	59.1	63.3	67.6	67.9	69.4	70.3	70.5	70.9	71.1	71.1	71.4	71.4	71.4	71.7
≥ 12000	21.3	54.2	60.3	64.7	69.2	69.5	70.9	71.8	72.1	72.5	72.7	72.7	72.9	73.0	73.0	73.3
≥ 10000	21.6	55.3	62.2	66.9	71.4	71.7	73.3	74.2	74.4	74.8	75.1	75.1	75.3	75.3	75.4	75.7
≥ 9000	22.1	56.4	62.8	67.6	72.2	72.4	74.0	74.9	75.2	75.6	75.7	75.7	76.0	76.1	76.1	76.4
≥ 8000	22.3	56.9	63.5	68.4	73.1	73.4	74.9	75.8	76.1	76.5	76.7	76.7	77.0	77.0	77.1	77.3
≥ 7000	22.2	57.5	64.3	69.4	74.2	74.5	76.1	77.0	77.3	77.7	77.8	77.8	78.1	78.2	78.3	78.5
≥ 6000	22.4	58.2	65.1	70.3	75.2	75.4	77.0	78.0	78.2	78.6	78.8	78.8	79.1	79.1	79.2	79.5
≥ 5000	22.9	58.9	66.0	71.2	76.2	76.5	78.1	79.0	79.4	79.7	80.0	80.0	80.2	80.4	80.5	80.9
≥ 4500	22.7	59.4	66.6	71.9	76.9	77.2	78.8	79.7	80.1	80.5	80.7	80.7	81.0	81.1	81.2	81.6
≥ 4000	23.0	60.3	67.6	72.9	78.0	78.3	80.0	81.0	81.3	81.7	81.9	81.9	82.2	82.3	82.4	82.8
≥ 3500	23.0	60.5	67.9	73.4	78.6	78.9	80.6	81.6	81.9	82.3	82.5	82.5	82.8	82.9	83.0	83.4
≥ 3000	23.3	61.2	68.7	74.2	79.4	79.7	81.4	82.4	82.7	83.1	83.3	83.3	83.6	83.7	83.8	84.2
≥ 2500	23.1	61.7	69.4	75.0	80.2	80.6	82.3	83.3	83.6	84.0	84.2	84.2	84.5	84.6	84.7	85.1
≥ 2000	23.4	62.1	70.3	76.1	81.4	81.8	83.5	84.4	84.8	85.2	85.4	85.4	85.7	85.8	85.9	86.3
≥ 1000	23.5	63.2	71.0	76.8	81.9	82.3	84.0	84.9	85.3	85.7	85.9	85.9	86.2	86.3	86.4	86.8
≥ 1500	24.0	64.5	72.3	78.1	83.4	83.7	85.4	86.4	86.7	87.1	87.3	87.3	87.6	87.7	87.8	88.2
≥ 1200	24.3	65.5	73.8	79.8	85.2	85.5	87.3	88.3	88.6	89.0	89.2	89.2	89.5	89.6	89.7	90.1
≥ 1000	24.5	66.4	74.8	81.0	86.5	86.9	88.7	89.7	90.1	90.5	90.7	90.7	91.0	91.1	91.2	91.6
≥ 900	24.7	67.4	75.8	82.0	87.5	87.9	89.7	90.7	91.1	91.5	91.7	91.7	92.0	92.1	92.2	92.6
≥ 800	24.7	67.7	76.1	82.6	88.3	88.7	90.5	91.6	91.9	92.3	92.5	92.5	92.8	92.9	93.1	93.5
≥ 700	24.8	68.1	76.5	83.2	89.0	89.5	91.4	92.5	92.9	93.2	93.5	93.5	93.8	93.9	94.0	94.4
≥ 600	24.9	68.6	77.1	83.9	89.6	90.1	92.0	93.2	93.5	93.9	94.1	94.1	94.4	94.5	94.7	95.1
≥ 500	25.0	69.4	78.0	84.9	90.7	91.2	93.2	94.4	94.8	95.1	95.4	95.4	95.6	95.8	95.9	96.3
≥ 400	25.0	69.7	78.3	85.2	91.4	92.0	94.3	95.6	96.0	96.4	96.6	96.6	96.9	97.0	97.2	97.5
≥ 300	25.0	70.0	78.6	85.7	92.0	92.9	95.3	96.7	97.0	97.4	97.6	97.6	97.9	98.0	98.3	98.7
≥ 200	25.0	70.0	78.7	85.9	92.2	93.2	95.7	97.3	97.6	98.0	98.4	98.4	98.7	98.8	99.1	99.5
≥ 100	25.0	70.0	78.7	85.9	92.2	93.2	95.8	97.3	97.7	98.1	98.5	98.5	98.9	99.1	99.4	99.8
0	25.0	70.0	78.7	85.9	92.2	93.2	95.8	97.3	97.7	98.1	98.5	98.5	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1792

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13875 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	13.0	36.2	41.7	45.9	49.5	50.4	51.9	53.0	53.3	53.5	53.7	53.7	53.8	53.9	54.0	54.3
≥ 20000	15.5	41.2	47.2	52.1	56.3	57.2	58.9	60.3	60.7	60.9	61.1	61.1	61.2	61.3	61.4	61.7
≥ 18000	15.8	41.6	47.6	52.5	56.7	57.7	59.3	60.7	61.1	61.3	61.5	61.5	61.7	61.7	61.9	62.1
≥ 16000	15.9	41.8	47.9	52.9	57.0	58.0	59.7	61.1	61.5	61.7	61.9	61.9	62.1	62.1	62.3	62.5
≥ 14000	16.2	42.6	48.8	54.0	58.4	59.3	61.1	62.6	63.0	63.2	63.4	63.4	63.6	63.6	63.8	64.0
≥ 12000	17.1	45.2	51.6	56.8	61.3	62.3	64.2	65.8	66.2	66.4	66.6	66.6	66.7	66.8	67.0	67.2
≥ 10000	18.3	47.5	54.0	59.4	64.1	65.2	67.4	69.0	69.4	69.6	69.8	69.8	70.0	70.0	70.2	70.4
≥ 9000	18.4	48.1	54.5	60.1	64.8	66.0	68.1	69.8	70.2	70.4	70.6	70.6	70.8	70.8	71.0	71.2
≥ 8000	18.9	49.5	56.4	61.9	66.6	67.8	70.1	71.8	72.1	72.4	72.5	72.5	72.7	72.8	72.9	73.1
≥ 7000	19.3	50.2	57.2	62.8	67.8	69.0	71.3	73.0	73.4	73.6	73.8	73.8	73.9	74.0	74.2	74.4
≥ 6000	19.4	50.6	57.7	63.3	68.4	69.6	71.9	73.6	74.0	74.2	74.4	74.4	74.5	74.6	74.8	75.0
≥ 5000	19.5	51.2	58.3	64.0	69.2	70.4	72.8	74.5	74.9	75.1	75.3	75.3	75.4	75.5	75.7	75.9
≥ 4500	19.8	51.8	59.0	64.8	70.0	71.3	73.6	75.3	75.8	76.0	76.2	76.2	76.3	76.4	76.5	76.8
≥ 4000	19.9	52.1	59.5	65.3	70.6	71.8	74.2	75.9	76.3	76.5	76.7	76.7	76.9	76.9	77.1	77.3
≥ 3500	19.9	52.5	59.9	65.9	71.1	72.4	74.7	76.4	76.9	77.1	77.3	77.3	77.4	77.5	77.7	77.9
≥ 3000	20.2	52.9	60.3	66.4	71.8	73.0	75.3	77.0	77.5	77.7	77.9	77.9	78.1	78.1	78.3	78.5
≥ 2500	20.3	53.5	61.0	67.2	72.5	73.8	76.3	78.0	78.4	78.7	78.8	78.8	79.0	79.1	79.2	79.4
≥ 2000	20.8	55.0	62.5	68.8	74.2	75.4	78.0	79.7	80.2	80.4	80.6	80.6	80.8	80.8	81.0	81.2
≥ 1800	20.9	55.5	63.0	69.4	74.8	76.1	78.7	80.4	80.8	81.1	81.3	81.3	81.4	81.5	81.7	81.9
≥ 1500	21.4	57.5	65.1	71.5	77.3	78.3	80.9	82.6	83.1	83.3	83.5	83.5	83.7	83.7	83.9	84.1
≥ 1200	22.3	59.0	66.6	73.1	78.7	79.9	82.6	84.3	84.7	85.0	85.2	85.2	85.3	85.4	85.6	85.8
≥ 1000	22.6	60.4	68.2	74.8	80.3	81.7	84.3	86.1	86.5	86.8	87.0	87.0	87.1	87.2	87.4	87.6
≥ 900	22.7	60.9	68.7	75.4	81.1	82.4	85.0	86.9	87.3	87.6	87.7	87.7	87.9	88.0	88.1	88.4
≥ 800	22.8	62.2	70.4	77.0	82.8	84.1	86.9	88.9	89.3	89.6	89.7	89.7	89.9	90.0	90.1	90.4
≥ 700	23.0	62.6	71.0	77.7	83.6	85.1	88.0	90.0	90.4	90.7	90.9	90.9	91.0	91.1	91.3	91.5
≥ 600	23.5	63.6	72.2	79.0	85.0	86.5	89.5	91.5	91.9	92.2	92.4	92.4	92.5	92.6	92.8	93.0
≥ 500	23.0	64.1	73.1	80.1	86.5	88.2	91.4	93.5	94.0	94.4	94.7	94.7	94.8	94.9	95.1	95.3
≥ 400	23.1	64.3	73.4	80.7	87.4	89.2	92.8	95.1	95.7	96.2	96.4	96.4	96.7	96.7	97.0	97.3
≥ 300	23.1	64.4	73.5	80.8	87.6	89.5	93.2	95.7	96.3	96.9	97.4	97.4	97.8	97.9	98.2	98.6
≥ 200	23.1	64.5	73.6	80.9	87.8	89.7	93.4	96.0	96.7	97.4	97.9	97.9	98.4	98.5	98.9	99.3
≥ 100	23.1	64.5	73.6	80.9	87.8	89.7	93.4	96.0	96.7	97.4	97.9	97.9	98.4	98.6	99.1	99.7
0	23.1	64.5	73.6	80.9	87.8	89.7	93.4	96.0	96.7	97.4	97.9	97.9	98.4	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1795

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13829 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.4	51.5	52.8	53.2	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	37.3	53.3	59.6	60.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 18000	37.8	58.3	60.0	60.5	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 16000	38.3	59.7	60.4	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
≥ 14000	38.4	59.0	61.3	61.8	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	39.9	62.2	64.1	64.6	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	41.7	64.8	66.6	67.1	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	42.3	65.2	67.1	67.6	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	42.7	66.2	68.2	68.8	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 7000	42.9	66.9	68.9	69.5	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	43.1	67.3	69.5	70.1	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	43.4	68.3	70.5	71.2	71.8	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4500	43.8	68.8	71.1	71.9	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	44.5	69.7	72.0	72.7	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3500	44.8	70.4	72.7	73.5	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	46.1	72.1	74.5	75.2	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 2500	47.4	74.1	76.5	77.3	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2000	49.1	76.8	79.2	80.1	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	49.7	77.9	80.4	81.4	82.2	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1500	51.6	81.2	83.7	84.7	85.6	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1200	53.1	85.2	87.9	88.9	89.9	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1000	54.2	87.4	90.1	91.3	92.4	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900	54.6	88.5	91.3	92.7	93.8	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	54.8	89.4	92.3	93.8	95.0	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	55.1	90.3	93.2	94.8	96.0	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	55.2	90.5	93.8	95.7	97.0	97.5	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	55.2	91.2	94.3	96.2	97.7	98.2	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	55.3	91.3	94.5	96.4	98.0	98.5	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	55.3	91.4	94.5	96.5	98.0	98.6	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	55.3	91.4	94.5	96.5	98.1	98.7	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	55.3	91.4	94.5	96.5	98.1	98.7	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	55.3	91.4	94.5	96.5	98.1	98.7	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1786

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.7	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	49.4	59.5	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
≥ 18000	50.0	60.1	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	50.4	60.5	60.8	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	51.3	61.6	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	52.5	63.3	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	54.7	66.1	66.4	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
≥ 9000	55.2	66.6	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000	56.4	68.3	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000	57.2	69.2	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	57.7	70.3	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	58.3	71.2	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4500	59.6	72.3	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	60.2	74.3	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
≥ 3500	61.9	76.5	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
≥ 3000	65.8	80.7	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	81.7
≥ 2500	68.5	84.3	84.9	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000	71.6	88.7	89.5	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1800	71.9	89.5	90.3	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500	73.1	92.5	93.0	93.4	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 1200	74.2	94.2	95.5	95.9	96.2	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 1000	74.6	95.1	96.5	97.1	97.5	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 900	74.8	95.6	97.0	97.7	98.2	98.5	98.5	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 800	74.8	95.6	97.1	97.7	98.3	98.5	98.6	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 700	74.8	95.6	97.1	97.7	98.4	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 600	74.9	95.8	97.2	97.8	98.5	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	74.9	95.8	97.2	97.9	98.7	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	74.9	95.8	97.3	98.0	98.8	99.1	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	74.9	95.8	97.3	98.0	98.8	99.1	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	74.9	95.8	97.3	98.0	98.8	99.1	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	74.9	95.8	97.3	98.0	98.8	99.1	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	74.9	95.8	97.3	98.0	98.8	99.1	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1793

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.0	53.0	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	55.2	65.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	55.4	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	56.1	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	57.4	68.0	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	59.3	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	61.9	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	62.4	75.0	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000	63.3	76.5	77.1	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
≥ 7000	64.5	78.4	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	65.3	79.5	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	66.3	81.3	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	66.7	81.7	82.4	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	67.1	82.4	83.2	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
≥ 3500	68.5	84.3	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	70.4	86.7	87.9	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	71.7	88.5	89.7	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	73.0	91.1	92.3	92.5	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	73.3	91.7	93.1	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	73.9	93.0	94.3	95.0	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	74.3	94.1	95.6	96.3	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	74.6	94.4	95.9	96.7	97.4	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	74.6	94.4	96.0	97.0	97.7	97.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	74.6	94.7	96.2	97.2	98.3	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	74.6	94.7	96.6	97.7	98.5	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	74.6	94.9	96.9	97.8	98.7	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	74.6	94.9	96.8	97.8	98.9	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	74.6	94.9	96.8	97.8	98.9	99.2	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	74.6	94.9	96.8	97.9	98.9	99.3	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	74.6	94.9	96.8	97.9	98.9	99.3	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	74.6	94.9	96.8	97.9	98.9	99.3	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	74.6	94.9	96.8	97.9	98.9	99.3	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1788

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13625 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.1	56.6	57.0	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	69.0	68.4	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	69.1	68.5	69.8	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
≥ 16000	69.4	68.4	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	50.2	70.5	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000	52.6	73.7	75.1	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
≥ 10000	54.5	76.2	77.7	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 9000	54.9	76.6	78.2	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
≥ 8000	56.8	78.5	80.4	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	57.5	80.0	81.9	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	57.4	80.5	82.5	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	58.3	82.1	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
≥ 4500	58.4	82.4	84.5	85.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	59.1	83.6	85.8	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	59.7	84.6	87.1	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	60.0	86.1	88.5	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	60.9	87.3	90.4	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	61.5	89.5	92.5	93.5	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	61.5	89.8	92.9	94.0	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	61.8	90.4	93.7	95.0	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	62.0	91.2	94.9	96.1	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	62.3	91.8	95.5	96.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	62.3	91.8	95.6	97.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	62.3	91.8	95.6	97.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	62.3	92.0	95.8	97.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	62.3	92.1	95.9	97.6	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	62.3	92.1	95.9	97.7	99.0	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	62.3	92.2	96.0	97.8	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	62.3	92.3	96.1	97.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	62.3	92.3	96.1	97.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	62.3	92.3	96.1	97.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	62.3	92.3	96.1	97.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1789

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.0	64.6	66.9	67.3	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 20000	43.2	72.3	74.7	75.5	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	43.8	72.9	75.2	76.0	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	43.9	73.2	75.6	76.4	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	44.5	74.1	76.4	77.2	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 12000	45.5	76.4	78.7	79.5	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 10000	47.2	78.8	81.2	82.0	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 9000	47.4	79.3	81.9	82.8	83.4	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 8000	47.9	80.1	83.0	84.1	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 7000	48.2	80.8	83.8	84.9	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 6000	48.7	81.7	84.8	85.9	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 5000	49.2	82.7	85.8	87.1	87.8	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	49.5	83.3	86.4	87.7	88.5	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0
≥ 4000	50.0	84.2	87.3	88.6	89.3	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	50.0	84.4	87.8	89.1	89.9	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	50.1	85.4	89.0	90.4	91.1	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	50.5	86.4	90.1	91.7	92.5	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 2000	50.9	87.6	91.3	92.9	93.7	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	51.0	87.9	91.6	93.3	94.1	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 1500	51.2	88.2	92.1	93.9	94.8	95.0	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	51.4	88.8	92.8	94.6	95.5	95.8	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	51.4	89.0	93.0	95.7	96.8	97.0	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7
≥ 900	51.5	89.8	94.0	96.0	97.0	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥ 800	51.6	90.0	94.1	96.2	97.2	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 700	51.6	90.1	94.5	96.5	97.5	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 600	51.6	90.2	94.6	96.7	97.8	98.2	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1
≥ 500	51.6	90.3	94.7	96.8	98.0	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 400	51.6	90.4	94.8	96.9	98.2	98.5	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 300	51.6	90.5	94.9	97.0	98.4	98.8	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	51.6	90.5	94.9	97.1	98.4	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	51.6	90.5	94.9	97.1	98.4	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
0	51.6	90.5	94.9	97.1	98.4	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1793

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13455 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.6	62.3	67.2	68.6	70.3	70.4	70.5	70.9	71.0	71.2	71.3	71.3	71.5	71.6	71.7	72.0
≥ 20000	38.9	65.8	71.0	72.5	74.2	74.3	74.4	74.8	74.9	75.1	75.3	75.3	75.6	75.5	75.6	76.1
≥ 18000	38.6	65.9	71.1	72.6	74.3	74.4	74.6	74.9	75.0	75.3	75.4	75.4	75.5	75.6	75.7	76.2
≥ 16000	38.9	66.1	71.2	72.8	74.5	74.6	74.7	75.1	75.1	75.4	75.5	75.5	75.7	75.7	75.9	76.4
≥ 14000	39.2	67.3	72.4	74.0	75.7	75.8	75.9	76.3	76.3	76.6	76.7	76.7	76.9	76.9	77.1	77.6
≥ 12000	40.0	68.7	74.1	75.6	77.3	77.4	77.5	77.9	78.0	78.3	78.4	78.4	78.5	78.5	78.7	79.2
≥ 10000	40.7	70.7	76.4	77.9	79.7	79.8	79.9	80.3	80.4	80.7	80.8	80.8	80.9	81.0	81.1	81.6
≥ 9000	40.9	71.1	76.8	78.3	80.1	80.2	80.3	80.7	80.8	81.0	81.1	81.1	81.3	81.4	81.5	82.0
≥ 8000	41.6	72.3	78.1	79.8	81.5	81.6	81.6	82.2	82.2	82.5	82.6	82.6	82.8	82.8	82.9	83.5
≥ 7000	41.9	72.8	78.7	80.5	82.2	82.3	82.5	82.9	83.0	83.3	83.4	83.4	83.5	83.6	83.7	84.3
≥ 6000	41.7	73.5	79.5	81.4	83.1	83.2	83.4	83.8	83.9	84.1	84.3	84.3	84.4	84.5	84.6	85.1
≥ 5000	42.1	74.2	80.2	82.1	83.9	84.0	84.1	84.6	84.6	84.9	85.1	85.1	85.2	85.2	85.3	85.9
≥ 4500	42.3	74.6	80.7	82.6	84.5	84.6	84.8	85.2	85.3	85.6	85.7	85.7	85.8	85.9	86.0	86.5
≥ 4000	42.3	74.9	81.3	83.2	85.2	85.3	85.5	85.9	86.0	86.3	86.4	86.4	86.5	86.6	86.7	87.2
≥ 3500	42.4	75.5	81.9	83.9	85.9	86.0	86.2	86.6	86.6	86.9	87.0	87.0	87.2	87.2	87.4	87.9
≥ 3000	42.8	76.9	82.9	85.1	87.2	87.3	87.5	87.9	88.0	88.2	88.3	88.3	88.5	88.6	88.7	89.2
≥ 2500	43.3	78.1	84.8	87.1	89.3	89.4	89.5	90.0	90.0	90.3	90.4	90.4	90.6	90.6	90.7	91.3
≥ 2000	43.5	78.6	85.3	87.7	89.8	89.9	90.2	90.7	90.8	91.1	91.2	91.2	91.3	91.4	91.5	92.0
≥ 1800	43.5	78.7	85.4	87.8	89.9	90.0	90.3	90.8	90.9	91.2	91.3	91.3	91.4	91.5	91.6	92.2
≥ 1500	43.7	79.3	86.0	88.4	90.7	90.9	91.2	91.7	91.8	92.0	92.2	92.2	92.3	92.4	92.5	93.0
≥ 1200	43.9	79.7	86.5	89.0	91.3	91.4	91.8	92.3	92.4	92.6	92.8	92.9	92.9	93.0	93.1	93.6
≥ 1000	44.0	80.4	87.5	89.9	92.2	92.4	92.8	93.3	93.4	93.6	93.7	93.7	93.9	94.0	94.1	94.6
≥ 900	44.1	80.8	88.1	90.7	93.2	93.4	93.8	94.3	94.4	94.7	94.8	94.8	94.9	95.0	95.1	95.6
≥ 800	44.2	81.2	88.4	91.2	94.1	94.1	94.6	95.1	95.2	95.5	95.6	95.6	95.8	95.9	96.0	96.5
≥ 700	44.3	81.5	88.8	91.6	94.4	94.7	95.3	95.8	95.9	96.2	96.3	96.3	96.5	96.5	96.6	97.2
≥ 600	44.3	81.6	89.0	91.9	94.8	95.1	95.7	96.3	96.3	96.7	96.8	96.8	96.9	97.0	97.1	97.7
≥ 500	44.3	81.8	89.5	92.3	95.4	95.6	96.3	97.1	97.2	97.5	97.6	97.6	97.8	97.8	97.9	98.5
≥ 400	44.3	81.9	89.6	92.5	95.6	95.9	96.7	97.6	97.7	98.0	98.1	98.1	98.3	98.4	98.5	99.0
≥ 300	44.3	81.9	89.7	92.6	95.9	96.1	96.9	98.0	98.0	98.4	98.6	98.6	98.7	98.8	98.9	99.5
≥ 200	44.3	81.9	89.8	92.7	95.9	96.2	97.0	98.0	98.1	98.5	98.5	98.9	99.0	99.1	99.2	99.7
≥ 100	44.3	81.9	89.8	92.7	95.9	96.2	97.0	98.0	98.1	98.5	98.9	98.9	99.1	99.1	99.2	99.8
0	44.3	81.9	89.8	92.7	95.9	96.2	97.0	98.0	98.1	98.5	98.9	98.9	99.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1825

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.2	51.7	57.9	62.3	65.2	65.7	67.3	67.7	67.7	68.1	68.2	68.2	68.3	68.4	68.7	69.7
≥ 20000	30.1	55.2	61.6	66.0	69.3	69.8	71.6	71.9	72.1	72.4	72.6	72.6	72.7	72.8	73.1	74.2
≥ 18000	30.2	55.4	61.8	66.2	69.4	70.0	71.7	72.1	72.2	72.6	72.8	72.8	72.8	72.9	73.3	74.3
≥ 16000	30.3	55.6	62.0	66.4	69.7	70.3	72.0	72.4	72.5	72.9	73.1	73.0	73.1	73.2	73.6	74.6
≥ 14000	30.5	56.0	62.4	66.9	70.1	70.7	72.4	72.8	72.9	73.3	73.5	73.5	73.5	73.6	74.0	75.1
≥ 12000	30.9	57.2	64.0	68.4	71.8	72.3	74.1	74.5	74.6	74.9	75.1	75.1	75.2	75.3	75.7	76.7
≥ 10000	31.4	58.7	65.7	70.3	73.6	74.1	75.9	76.3	76.4	76.7	76.9	76.9	77.0	77.1	77.5	78.5
≥ 9000	31.6	59.1	66.0	70.6	73.9	74.5	76.2	76.6	76.7	77.1	77.2	77.2	77.3	77.4	77.8	78.8
≥ 8000	32.2	59.3	67.2	71.8	75.2	75.8	77.5	77.9	78.0	78.4	78.5	78.5	78.6	78.7	79.1	80.1
≥ 7000	32.4	60.8	67.8	72.5	75.9	76.5	78.4	78.8	78.9	79.3	79.4	79.4	79.5	79.6	80.0	81.0
≥ 6000	32.4	61.1	68.3	73.0	76.5	77.1	79.0	79.4	79.5	79.9	80.0	80.0	80.1	80.2	80.6	81.6
≥ 5000	32.9	61.9	69.4	74.3	77.8	78.3	80.2	80.6	80.7	81.1	81.2	81.3	81.3	81.4	81.8	82.9
≥ 4500	33.2	62.3	70.0	75.1	78.5	79.1	81.0	81.4	81.5	81.9	82.0	82.0	82.1	82.2	82.6	83.6
≥ 4000	33.4	62.8	70.6	75.7	79.3	79.8	81.7	82.1	82.2	82.6	82.8	82.8	82.8	82.9	83.3	84.3
≥ 3500	33.4	63.3	71.3	76.6	80.2	80.7	82.6	83.0	83.1	83.5	83.7	83.7	83.7	83.8	84.2	85.3
≥ 3000	33.6	63.3	71.9	77.3	81.1	81.6	83.5	83.9	84.0	84.4	84.6	84.6	84.6	84.7	85.1	86.1
≥ 2500	33.8	64.7	72.8	78.4	82.2	82.7	84.6	85.0	85.1	85.5	85.6	85.6	85.7	85.8	86.2	87.2
≥ 2000	34.1	65.7	73.9	79.9	83.7	84.4	86.5	86.9	87.0	87.4	87.6	87.6	87.7	87.8	88.2	89.2
≥ 1800	34.2	66.0	74.2	80.2	84.1	84.8	86.8	87.2	87.3	87.7	87.9	87.9	88.0	88.1	88.5	89.5
≥ 1500	34.5	66.8	75.0	81.3	85.5	86.2	88.3	88.7	88.8	89.2	89.4	89.4	89.5	89.6	90.0	91.0
≥ 1200	34.9	67.7	76.1	82.6	87.0	87.7	90.0	90.4	90.5	90.9	91.0	91.0	91.2	91.3	91.6	92.7
≥ 1000	35.0	68.3	76.7	83.3	87.8	88.6	91.0	91.5	91.6	92.0	92.1	92.1	92.2	92.4	92.7	93.8
≥ 900	35.0	68.5	77.2	83.8	88.5	89.5	92.0	92.5	92.6	93.0	93.1	93.1	93.2	93.3	93.7	94.8
≥ 800	35.1	68.8	77.6	84.5	89.2	90.2	92.8	93.2	93.3	93.7	93.9	93.9	94.0	94.1	94.5	95.5
≥ 700	35.1	69.2	78.0	84.9	89.6	90.6	93.2	93.7	93.8	94.2	94.3	94.3	94.4	94.5	94.9	96.0
≥ 600	35.1	69.2	78.0	85.0	90.0	90.9	93.6	94.1	94.2	94.5	94.7	94.7	94.8	94.9	95.3	96.3
≥ 500	35.1	69.3	78.4	85.5	90.8	91.9	94.7	95.2	95.3	95.7	95.9	95.9	96.0	96.1	96.5	97.5
≥ 400	35.1	69.4	78.7	86.0	91.3	92.4	95.3	95.9	96.0	96.4	96.6	96.6	96.7	96.8	97.2	98.2
≥ 300	35.1	69.4	78.8	86.1	91.7	92.8	95.9	96.6	96.7	97.1	97.3	97.3	97.4	97.5	97.9	98.9
≥ 200	35.1	69.4	78.8	86.1	91.7	92.8	95.9	96.7	96.8	97.3	97.5	97.5	97.7	97.8	98.2	99.3
≥ 100	35.1	69.4	78.8	86.1	91.8	92.8	96.0	96.8	96.9	97.4	97.7	97.7	97.8	97.9	98.5	99.6
0	35.1	69.4	78.8	86.1	91.8	92.8	96.0	96.8	96.9	97.4	97.7	97.7	97.8	97.9	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1832

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.1	39.9	45.4	49.8	54.9	55.8	58.6	59.7	60.1	60.5	60.6	60.6	60.8	60.8	61.0	61.2
≥ 20000	25.6	42.6	49.1	53.8	59.4	60.3	63.3	64.6	65.1	65.6	65.7	65.7	65.9	66.0	66.2	66.3
≥ 18000	25.8	43.0	49.3	54.0	59.6	60.5	63.4	64.8	65.3	65.7	65.8	65.9	66.1	66.1	66.3	66.5
≥ 16000	25.8	43.2	49.5	54.2	59.8	60.8	63.7	65.0	65.6	66.0	66.1	66.2	66.3	66.4	66.6	66.8
≥ 14000	26.1	43.6	50.1	54.9	60.6	61.5	64.5	65.8	66.3	66.8	66.9	66.9	67.1	67.2	67.4	67.5
≥ 12000	26.8	45.1	51.6	56.7	62.5	63.4	66.3	67.6	68.2	68.6	68.7	68.8	69.0	69.0	69.2	69.4
≥ 10000	27.3	46.2	52.8	57.9	63.8	64.7	67.6	69.0	69.5	69.9	70.0	70.1	70.3	70.3	70.5	70.7
≥ 9000	27.9	46.6	53.1	58.3	64.2	65.2	68.2	69.5	70.0	70.5	70.6	70.6	70.8	70.9	71.1	71.2
≥ 8000	27.9	47.0	54.4	59.8	66.1	67.0	70.0	71.3	71.8	72.3	72.4	72.4	72.6	72.7	72.9	73.0
≥ 7000	28.4	48.7	55.5	61.0	67.5	68.5	71.5	72.8	73.4	73.8	73.9	74.0	74.1	74.2	74.4	74.6
≥ 6000	28.5	49.0	56.0	61.6	68.4	69.3	72.4	73.7	74.4	74.8	74.9	75.0	75.1	75.2	75.4	75.6
≥ 5000	28.8	49.4	56.3	62.6	69.5	70.5	73.7	75.0	75.7	76.1	76.2	76.3	76.4	76.5	76.7	76.9
≥ 4500	29.0	50.0	57.1	63.1	70.0	71.0	74.4	75.7	76.4	76.9	77.0	77.0	77.2	77.3	77.5	77.6
≥ 4000	29.2	50.5	57.9	64.0	71.1	72.1	75.5	76.8	77.5	77.9	78.0	78.1	78.2	78.3	78.5	78.7
≥ 3500	29.5	51.3	58.4	64.6	71.7	72.7	76.1	77.4	78.1	78.5	78.6	78.7	78.8	78.9	79.1	79.3
≥ 3000	29.7	51.9	59.1	65.5	72.6	73.5	76.9	78.2	78.9	79.4	79.5	79.5	79.7	79.8	80.0	80.1
≥ 2500	30.3	53.1	60.4	67.1	74.4	75.5	79.1	80.5	81.2	81.6	81.7	81.8	81.9	82.0	82.2	82.4
≥ 2000	31.0	54.4	62.0	68.8	76.1	77.2	80.9	82.3	83.0	83.5	83.6	83.6	83.8	83.9	84.1	84.2
≥ 1800	31.3	55.0	62.8	69.4	76.8	77.9	81.5	83.0	83.7	84.1	84.2	84.3	84.5	84.5	84.7	84.9
≥ 1500	31.9	56.4	64.1	71.1	78.8	79.9	83.7	85.2	85.9	86.4	86.5	86.5	86.7	86.7	87.0	87.1
≥ 1200	32.0	57.3	65.1	72.3	80.0	81.1	85.3	86.9	87.6	88.1	88.2	88.2	88.4	88.4	88.7	88.8
≥ 1000	32.2	58.4	66.3	73.6	81.6	82.7	86.9	88.6	89.3	89.9	90.0	90.0	90.2	90.2	90.5	90.6
≥ 900	32.3	58.6	66.5	73.9	81.8	83.0	87.3	89.0	89.7	90.2	90.3	90.4	90.6	90.6	90.8	91.0
≥ 800	32.4	59.1	67.1	74.7	82.8	84.0	88.4	90.1	90.8	91.4	91.5	91.6	91.8	91.8	92.1	92.2
≥ 700	32.6	59.8	68.0	75.6	83.8	85.0	89.6	91.3	92.0	92.6	92.8	92.9	93.0	93.1	93.3	93.5
≥ 600	32.6	60.3	68.6	76.4	84.7	86.0	90.8	92.5	93.2	93.8	94.0	94.1	94.2	94.3	94.5	94.7
≥ 500	32.8	60.6	69.0	77.0	85.7	87.0	92.0	93.8	94.5	95.2	95.4	95.4	95.6	95.8	95.9	96.0
≥ 400	32.9	60.9	69.3	77.6	86.4	87.8	92.9	94.8	95.5	96.1	96.3	96.3	96.6	96.7	96.9	97.1
≥ 300	32.6	61.0	69.3	77.6	86.6	88.0	93.3	95.4	96.1	96.8	97.2	97.2	97.5	97.8	98.0	98.4
≥ 200	32.6	61.0	69.3	77.6	86.6	88.1	93.4	95.5	96.2	96.9	97.3	97.3	97.7	97.9	98.1	98.9
≥ 100	32.6	61.0	69.3	77.6	86.6	88.1	93.5	95.5	96.2	97.0	97.4	97.4	97.8	98.1	98.6	99.6
0	32.6	61.0	69.3	77.6	86.6	88.1	93.5	95.5	96.2	97.0	97.4	97.4	97.8	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1833

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.5	58.4	61.1	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 20000	41.8	62.7	65.7	67.0	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 18000	42.0	63.2	66.2	67.5	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1
≥ 16000	42.1	63.4	66.4	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	42.6	64.1	67.3	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 12000	43.1	65.1	68.1	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3
≥ 10000	43.5	66.3	69.4	71.0	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
≥ 9000	43.6	66.5	69.5	71.1	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	44.1	68.1	71.2	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	45.0	69.5	72.7	74.5	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	45.6	70.3	73.5	75.3	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	45.7	70.7	74.1	76.0	76.5	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9
≥ 4500	46.2	71.6	75.0	76.9	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 4000	46.8	72.7	76.3	78.2	78.8	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	46.9	73.4	77.1	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
≥ 3000	47.7	74.4	78.3	80.3	81.0	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	48.5	76.4	80.2	82.3	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5
≥ 2000	49.7	78.2	82.3	84.5	85.2	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1800	50.1	78.9	82.9	85.1	85.9	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.4
≥ 1500	51.2	81.2	85.3	87.6	88.5	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	51.9	82.8	87.2	89.5	90.4	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	52.2	84.0	89.1	91.5	92.6	92.8	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 900	52.3	85.4	90.1	92.6	93.7	94.0	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	52.4	86.0	91.0	93.5	94.7	95.0	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	52.5	86.9	91.5	94.2	95.5	95.9	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5
≥ 600	52.5	87.0	92.1	94.9	96.5	96.8	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	52.5	87.5	92.8	95.6	97.4	97.8	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	52.6	87.5	93.0	96.0	97.8	98.3	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 300	52.6	87.5	93.0	96.0	97.9	98.5	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	52.6	87.6	93.0	96.1	98.0	98.5	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0
≥ 100	52.6	87.6	93.0	96.1	98.0	98.5	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0
0	52.6	87.6	93.0	96.1	98.0	98.5	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1832

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.2	62.1	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.3	62.8	62.8	62.8	62.8	62.8
≥ 20000	57.6	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 18000	57.8	70.1	70.6	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
≥ 16000	58.1	70.5	71.3	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
≥ 14000	58.5	71.5	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	58.9	73.4	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000	60.3	75.2	75.7	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
≥ 9000	60.9	75.3	75.8	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
≥ 8000	61.6	76.3	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	62.1	77.5	78.1	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
≥ 6000	62.9	78.3	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	63.6	79.4	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500	63.6	80.4	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	64.4	82.1	82.8	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	65.6	83.3	84.0	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	66.3	85.1	85.8	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	68.2	87.2	88.2	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	69.3	89.8	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	69.6	90.3	91.1	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	70.7	92.5	93.4	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	71.3	93.5	94.4	95.1	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	71.8	94.4	95.6	96.4	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	71.7	94.9	96.1	96.8	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	71.8	95.5	96.7	97.5	97.7	97.8	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	71.8	95.6	96.9	97.8	98.0	98.0	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	71.8	95.6	97.0	97.9	98.3	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	71.9	95.9	97.4	98.4	98.8	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	71.9	95.9	97.4	98.4	98.9	99.0	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	71.9	96.0	97.4	98.4	99.1	99.1	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	71.9	96.0	97.4	98.4	99.1	99.1	99.5	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.9	96.0	97.4	98.4	99.1	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.9	96.0	97.4	98.4	99.1	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1332

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13425 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅝	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.5	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
≥ 20000	63.3	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	63.4	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	63.3	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000	64.2	75.3	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	65.2	77.3	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 10000	66.5	79.3	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	66.6	79.5	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 8000	67.2	80.7	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	67.2	81.3	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 6000	68.1	82.6	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000	69.0	83.9	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500	69.3	84.4	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000	70.5	86.1	87.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	71.0	86.9	87.9	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	71.7	88.6	89.6	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.3
≥ 2500	73.3	90.8	92.0	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	74.1	92.7	94.0	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.6	94.8	94.8
≥ 1800	74.2	93.0	94.4	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	74.5	93.7	95.1	95.5	95.7	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	74.8	94.5	95.9	96.5	96.7	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	75.1	95.2	96.7	97.2	97.5	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	75.1	95.3	96.8	97.3	97.6	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	75.2	95.8	97.3	97.9	98.2	98.3	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	75.3	95.9	97.4	98.0	98.4	98.5	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	75.4	96.2	97.8	98.4	98.8	98.9	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	75.4	96.2	97.8	98.4	98.8	98.9	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	75.4	96.2	97.8	98.4	98.9	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	75.4	96.2	97.8	98.4	98.9	99.0	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	75.4	96.2	97.8	98.4	98.9	99.0	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	75.4	96.2	97.8	98.4	98.9	99.0	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
0	75.4	96.2	97.8	98.4	98.9	99.0	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1833

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.8	69.7	71.2	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 20000	57.3	74.9	76.4	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 18000	57.7	75.8	77.4	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	58.1	76.4	78.0	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	58.3	76.9	78.5	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 12000	59.4	78.4	80.0	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
≥ 10000	60.2	80.3	82.0	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
≥ 9000	60.4	80.5	82.4	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000	60.8	81.9	83.8	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	61.1	82.3	84.7	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 6000	61.4	83.4	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	63.2	84.4	86.4	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
≥ 4500	62.8	85.2	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
≥ 4000	63.4	86.1	88.2	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	63.7	86.7	89.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	64.1	88.2	90.5	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	64.8	89.7	92.1	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	65.2	90.8	93.6	94.8	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	65.4	91.0	93.8	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	65.2	91.4	94.2	95.5	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	65.3	91.8	94.6	96.1	96.3	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	65.3	92.4	95.4	96.8	97.2	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	65.1	92.5	95.5	97.0	97.4	97.5	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	65.1	92.9	95.9	97.4	97.8	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	65.5	93.0	96.0	97.5	98.0	98.1	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	65.3	93.0	96.0	97.5	98.1	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	65.5	93.3	96.1	97.6	98.3	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	65.5	93.1	96.1	97.7	98.6	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	65.5	93.1	96.1	97.7	98.6	98.9	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	65.5	93.1	96.1	97.7	98.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.5	93.1	96.1	97.7	98.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	65.5	93.1	96.1	97.7	98.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1834

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.4	68.9	71.9	72.8	73.5	73.1	73.6	73.6	73.7	73.8	73.9	73.9	74.0	74.0	74.0	74.1
≥ 20000	51.3	72.7	76.0	77.0	77.2	77.3	77.8	77.8	77.9	78.1	78.1	79.2	78.3	78.3	78.4	78.4
≥ 18000	51.3	73.1	76.4	77.5	77.6	77.7	78.2	78.2	78.3	78.5	78.5	78.6	78.7	78.7	78.7	78.8
≥ 16000	51.5	73.5	76.8	77.9	78.0	78.1	78.6	78.6	78.7	78.9	79.-	79.0	79.1	79.1	79.1	79.2
≥ 14000	52.0	74.3	77.7	78.7	78.9	79.0	79.5	79.5	79.6	79.8	79.8	79.9	80.0	80.0	80.0	80.0
≥ 12000	52.8	75.7	79.3	80.3	80.5	80.5	81.1	81.1	81.1	81.4	81.4	81.5	81.6	81.6	81.6	81.6
≥ 10000	53.7	77.6	81.1	82.2	82.4	82.4	83.0	83.0	83.0	83.3	83.3	83.4	83.5	83.5	83.5	83.5
≥ 9000	53.8	77.9	81.5	82.6	82.8	82.8	83.4	83.4	83.4	83.6	83.7	83.8	83.9	83.9	83.9	83.9
≥ 8000	54.5	79.4	83.2	84.3	84.5	84.6	85.1	85.1	85.2	85.4	85.4	85.5	85.6	85.6	85.6	85.7
≥ 7000	54.6	79.9	83.7	84.8	85.0	85.1	85.6	85.6	85.7	85.9	85.9	86.-	86.1	86.1	86.1	86.2
≥ 6000	54.7	80.4	84.4	85.5	85.7	85.8	86.3	86.3	86.4	86.6	86.6	86.7	86.8	86.8	86.8	86.9
≥ 5000	55.3	81.1	85.1	86.4	86.6	86.6	87.2	87.2	87.2	87.5	87.5	87.6	87.7	87.7	87.7	87.8
≥ 4500	55.5	81.6	85.7	87.0	87.2	87.3	87.8	87.8	87.9	88.1	88.2	88.2	88.4	88.4	88.4	88.4
≥ 4000	55.8	82.3	86.5	87.9	88.2	88.3	88.9	88.9	88.9	89.1	89.2	89.2	89.4	89.4	89.4	89.5
≥ 3500	56.9	83.5	87.7	89.1	89.4	89.5	90.1	90.1	90.1	90.3	90.4	90.5	90.6	90.6	90.6	90.7
≥ 3000	56.7	84.5	88.9	90.2	90.6	90.6	91.2	91.2	91.3	91.5	91.5	91.6	91.8	91.8	91.8	91.8
≥ 2500	57.3	85.9	90.3	91.9	92.3	92.3	92.9	92.9	93.0	93.2	93.2	93.3	93.5	93.5	93.5	93.5
≥ 2000	57.7	87.1	91.6	93.1	93.6	93.6	94.2	94.2	94.3	94.5	94.5	94.6	94.8	94.8	94.8	94.8
≥ 1800	57.7	87.4	91.9	93.5	93.9	93.9	94.5	94.5	94.6	94.8	94.9	94.9	95.1	95.1	95.1	95.1
≥ 1500	57.9	87.6	92.1	93.7	94.2	94.3	94.9	94.9	94.9	95.1	95.2	95.3	95.4	95.4	95.4	95.5
≥ 1200	57.9	87.8	92.4	94.0	94.7	94.8	95.4	95.4	95.5	95.7	95.7	95.8	96.0	96.0	96.0	96.1
≥ 1000	58.1	88.4	93.1	94.8	95.5	95.6	96.3	96.3	96.4	96.6	96.7	96.7	96.9	96.9	96.9	96.9
≥ 900	58.1	88.8	93.5	95.2	96.0	96.1	96.8	96.8	96.8	97.1	97.1	97.2	97.3	97.3	97.3	97.4
≥ 800	58.2	89.1	94.1	95.8	96.7	96.8	97.5	97.5	97.5	97.8	97.8	97.9	98.0	98.0	98.0	98.1
≥ 700	58.2	89.3	94.2	96.0	96.8	96.9	97.8	97.8	97.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4
≥ 600	58.2	89.4	94.3	96.1	97.2	97.3	98.1	98.2	98.4	98.7	98.7	98.8	99.0	99.0	99.0	99.0
≥ 500	58.2	89.5	94.4	96.3	97.4	97.6	98.6	98.8	98.9	99.2	99.2	99.3	99.5	99.5	99.5	99.5
≥ 400	58.2	89.5	94.4	96.3	97.4	97.6	98.6	98.9	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.6
≥ 300	58.2	89.5	94.4	96.3	97.4	97.6	98.6	98.9	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.6
≥ 200	58.2	89.5	94.4	96.3	97.4	97.7	98.7	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8
≥ 100	58.2	89.5	94.4	96.3	97.4	97.7	98.7	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.9
≥ 0	58.2	89.5	94.4	96.3	97.4	97.7	98.7	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1834

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) JULY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.9	54.3	57.5	59.1	60.2	60.2	61.2	61.3	61.4	61.6	61.7	61.7	62.3	62.3	62.6	63.1
≥ 20000	35.9	57.4	60.8	62.6	63.7	63.8	64.8	64.9	65.1	65.3	65.4	65.5	65.9	65.9	66.2	66.8
≥ 18000	35.9	57.4	61.1	62.8	63.9	64.0	65.1	65.2	65.3	65.5	65.6	65.6	66.2	66.2	66.5	67.0
≥ 16000	36.3	57.7	61.4	63.2	64.1	64.2	65.3	65.4	65.5	65.7	65.8	65.9	66.4	66.4	66.8	67.3
≥ 14000	36.5	58.3	62.3	63.7	64.8	64.9	66.1	66.2	66.4	66.6	66.7	66.7	67.3	67.3	67.6	68.1
≥ 12000	37.3	59.7	63.3	65.1	66.2	66.3	67.4	67.4	67.6	67.9	68.0	68.0	68.6	68.6	68.9	69.5
≥ 10000	38.1	61.5	65.2	67.2	68.3	68.4	69.5	69.7	69.8	70.1	70.2	70.2	70.7	70.7	71.1	71.6
≥ 9000	38.3	62.1	65.7	67.7	68.8	68.9	70.1	70.2	70.4	70.6	70.7	70.8	71.3	71.3	71.6	72.3
≥ 8000	38.9	63.1	66.8	68.8	69.9	70.0	71.3	71.4	71.6	71.8	72.0	72.0	72.6	72.6	72.9	73.6
≥ 7000	40.1	64.7	68.6	70.7	71.8	71.9	73.2	73.4	73.6	73.8	73.9	73.9	74.5	74.5	74.9	75.5
≥ 6000	40.7	65.9	70.1	72.2	73.3	73.4	74.7	74.9	75.1	75.3	75.4	75.4	76.0	76.0	76.4	77.0
≥ 5000	41.3	67.0	71.5	73.6	75.0	75.1	76.5	76.6	76.8	77.0	77.1	77.1	77.7	77.7	78.1	78.7
≥ 4500	41.6	68.4	72.8	75.2	76.4	76.6	77.9	78.1	78.2	78.5	78.7	78.7	79.3	79.3	79.6	80.3
≥ 4000	42.0	69.3	73.7	76.2	77.5	77.7	79.0	79.1	79.3	79.5	79.7	79.7	80.3	80.3	80.7	81.3
≥ 3500	42.6	70.7	75.5	78.1	79.4	79.5	80.9	81.1	81.2	81.4	81.6	81.6	82.2	82.2	82.6	83.2
≥ 3000	43.1	73.1	77.7	80.3	81.6	81.8	83.1	83.3	83.5	83.7	83.9	83.9	84.5	84.5	84.9	85.5
≥ 2500	43.7	74.6	79.4	82.1	83.4	83.5	84.9	85.1	85.3	85.5	85.7	85.7	86.3	86.3	86.7	87.3
≥ 2000	44.6	75.9	81.1	83.9	85.3	85.4	86.9	87.1	87.2	87.4	87.6	87.6	88.2	88.2	88.6	89.3
≥ 1800	45.1	76.6	81.8	84.7	86.0	86.2	87.6	87.8	87.9	88.1	88.4	88.4	88.9	88.9	89.4	90.0
≥ 1500	45.8	78.0	83.4	86.5	87.9	88.0	89.5	89.6	89.8	90.0	90.3	90.3	90.9	90.9	91.3	91.9
≥ 1200	45.9	78.4	84.0	87.2	88.7	89.0	90.4	90.7	90.9	91.1	91.4	91.4	92.0	92.0	92.4	93.0
≥ 1000	45.9	78.8	84.7	88.1	89.6	89.9	91.5	91.8	92.0	92.2	92.5	92.5	93.1	93.1	93.5	94.1
≥ 900	45.9	78.9	84.8	88.3	89.8	90.2	91.8	92.1	92.3	92.6	92.8	92.8	93.4	93.4	93.8	94.5
≥ 800	45.9	79.3	85.3	88.7	90.4	90.7	92.4	92.9	93.0	93.3	93.6	93.6	94.1	94.1	94.6	95.2
≥ 700	46.3	79.4	85.4	89.0	90.9	91.2	93.0	93.5	93.7	93.9	94.2	94.2	94.8	94.8	95.2	95.9
≥ 600	46.1	79.7	85.9	89.5	91.4	91.9	93.7	94.1	94.3	94.6	94.8	94.8	95.4	95.4	95.9	96.5
≥ 500	46.1	79.9	86.3	90.2	92.3	92.8	94.7	95.3	95.4	95.7	96.0	96.0	96.5	96.5	97.0	97.6
≥ 400	46.1	79.9	86.4	90.5	92.9	93.5	95.4	96.1	96.2	96.5	96.8	96.8	97.4	97.4	97.8	98.5
≥ 300	46.1	79.9	86.5	90.7	93.1	93.7	95.7	96.4	96.6	97.1	97.3	97.3	97.9	98.0	98.3	99.1
≥ 200	46.1	80.0	86.5	90.8	93.3	93.9	96.0	96.6	96.9	97.3	97.7	97.7	98.2	98.4	98.8	99.6
≥ 100	46.1	80.0	86.6	90.8	93.3	93.9	96.0	96.7	97.0	97.4	97.7	97.7	98.3	98.5	98.9	99.7
≥ 0	46.1	80.0	86.6	90.8	93.3	93.9	96.1	96.7	97.1	97.4	97.7	97.7	98.3	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1880

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13865 STATION | COLUMBUS AFB, MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.1	47.3	51.1	53.1	55.8	55.9	56.8	57.2	57.2	58.0	58.4	58.4	58.8	58.9	59.5	59.9
≥ 20000	28.4	49.9	53.9	56.2	58.8	59.2	60.1	60.4	60.5	61.4	61.9	61.9	62.3	62.5	63.2	63.4
≥ 18000	28.0	50.2	54.2	56.6	59.2	59.5	60.4	60.8	60.9	61.8	62.2	62.2	62.7	62.8	63.4	63.7
≥ 16000	28.7	50.7	54.4	56.7	59.4	59.7	60.5	61.0	61.1	61.9	62.4	62.4	62.9	63.0	63.5	63.9
≥ 14000	29.3	51.1	55.2	57.6	60.2	60.5	61.4	61.8	61.9	62.8	63.3	63.3	63.7	63.8	64.4	64.7
≥ 12000	30.3	52.5	56.7	59.1	61.7	62.0	62.9	63.4	63.5	64.3	64.8	64.8	65.3	65.4	65.9	66.3
≥ 10000	30.9	54.4	58.6	61.0	63.6	63.9	64.8	65.3	65.4	66.2	66.7	66.7	67.2	67.3	67.8	68.2
≥ 9000	31.1	55.1	59.2	61.6	64.3	64.6	65.5	65.9	66.0	66.9	67.4	67.3	67.8	67.9	68.5	69.0
≥ 8000	31.7	55.9	60.2	62.6	65.3	65.6	66.5	67.0	67.1	67.9	68.4	68.4	68.9	69.0	69.6	70.0
≥ 7000	32.7	57.4	61.8	64.3	67.0	67.3	68.2	68.7	68.8	69.7	70.2	70.2	70.7	70.8	71.4	71.9
≥ 6000	33.6	58.2	62.7	65.2	67.9	68.2	69.1	69.7	69.8	70.7	71.2	71.2	71.6	71.7	72.3	72.8
≥ 5000	34.1	60.1	64.7	67.2	69.9	70.3	71.2	71.7	71.8	72.7	73.2	73.2	73.7	73.8	74.3	74.8
≥ 4500	34.3	61.1	66.0	68.7	71.4	71.7	72.7	73.2	73.3	74.2	74.7	74.7	75.2	75.3	75.9	76.4
≥ 4000	34.9	62.3	67.4	70.2	73.2	73.5	74.4	74.9	75.0	75.9	76.5	76.5	77.0	77.1	77.7	78.2
≥ 3500	35.2	63.4	68.5	71.2	74.3	74.7	75.6	76.1	76.2	77.1	77.6	77.7	78.2	78.3	78.7	79.3
≥ 3000	35.7	64.5	69.7	72.5	75.6	75.9	77.0	77.5	77.7	78.6	79.1	79.2	79.7	79.8	80.4	80.8
≥ 2500	36.4	66.3	71.9	74.7	77.9	78.2	79.3	79.9	80.0	80.9	81.4	81.5	81.9	82.0	82.6	83.1
≥ 2000	37.2	68.9	74.7	77.6	80.9	81.2	82.3	82.9	83.0	83.9	84.4	84.5	85.0	85.1	85.7	86.1
≥ 1800	37.2	69.3	75.1	78.1	81.3	81.6	82.7	83.3	83.4	84.3	84.9	84.9	85.4	85.5	86.1	86.6
≥ 1500	38.1	71.2	77.2	80.3	83.6	84.0	85.1	85.7	85.8	86.7	87.3	87.3	87.8	87.9	88.5	89.0
≥ 1200	38.3	71.9	78.0	81.2	84.6	85.2	86.5	87.0	87.1	88.1	88.8	88.8	89.1	89.2	89.8	90.3
≥ 1000	38.6	72.5	78.9	82.4	86.3	86.7	88.2	88.7	88.8	89.9	90.5	90.4	90.9	91.0	91.6	92.0
≥ 900	38.6	72.8	79.2	82.7	86.7	87.1	88.6	89.2	89.3	90.3	90.9	90.9	91.4	91.5	92.1	92.6
≥ 800	38.8	73.2	79.7	83.3	87.4	87.8	89.3	90.1	90.2	91.2	91.7	91.8	92.3	92.4	93.0	93.5
≥ 700	38.8	73.7	80.2	83.9	88.2	88.6	90.2	91.0	91.1	92.1	92.7	92.7	93.3	93.4	93.9	94.4
≥ 600	38.8	74.1	80.8	84.5	88.9	89.4	91.1	91.9	92.1	93.1	93.6	93.7	94.2	94.3	94.9	95.4
≥ 500	38.8	74.1	81.1	85.0	89.5	90.0	91.9	92.7	92.9	93.9	94.4	94.5	95.0	95.1	95.7	96.2
≥ 400	38.8	74.2	81.2	85.2	89.9	90.5	92.6	93.6	93.7	94.7	95.2	95.4	95.9	96.1	96.7	97.1
≥ 300	38.8	74.2	81.3	85.4	90.3	91.0	93.2	94.3	94.5	95.7	96.3	96.4	97.0	97.1	97.9	98.4
≥ 200	38.8	74.3	81.3	85.5	90.3	91.1	93.3	94.4	94.7	96.0	96.6	96.8	97.3	97.5	98.3	98.8
≥ 100	38.8	74.3	81.3	85.5	90.4	91.1	93.3	94.5	94.7	96.1	96.6	97.0	97.6	97.8	98.6	99.0
0	38.8	74.3	81.3	85.5	90.4	91.1	93.3	94.5	94.7	96.1	96.8	97.0	97.7	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1883

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 62-45,50-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.8	35.5	37.8	40.7	43.1	43.6	45.3	46.6	46.9	47.8	48.1	48.1	48.5	48.6	48.8	49.1
≥ 20000	24.4	39.7	42.3	45.7	48.9	49.4	51.1	52.5	52.8	53.7	54.2	54.2	54.6	54.6	55.1	55.4
≥ 18000	24.4	39.7	42.3	45.7	48.9	49.4	51.1	52.5	52.8	53.7	54.2	54.2	54.6	54.6	55.1	55.4
≥ 16000	24.4	39.8	42.4	45.8	49.1	49.6	51.3	52.7	53.0	53.9	54.4	54.4	54.8	54.8	55.3	55.6
≥ 14000	25.3	40.7	43.5	46.9	50.2	50.6	52.4	53.8	54.0	55.0	55.4	55.4	55.9	55.9	56.3	56.7
≥ 12000	26.3	42.6	45.4	48.9	52.2	52.7	54.5	55.9	56.1	57.1	57.5	57.5	57.9	58.0	58.4	58.7
≥ 10000	27.0	44.0	47.9	51.4	54.8	55.4	57.1	58.5	58.8	59.7	60.2	60.2	60.6	60.6	61.1	61.4
≥ 9000	27.4	45.2	48.8	52.1	55.7	56.2	58.0	59.4	59.6	60.6	61.1	61.0	61.4	61.5	62.0	62.4
≥ 9000	28.4	47.1	50.5	54.1	57.7	58.2	60.0	61.3	61.7	62.7	63.1	63.1	63.5	63.6	64.1	64.4
≥ 7000	29.1	48.5	52.0	55.6	59.2	59.7	61.5	62.9	63.2	64.2	64.7	64.7	65.2	65.3	65.8	66.1
≥ 6000	29.4	49.0	53.1	56.9	60.6	61.2	63.0	64.4	64.7	65.7	66.2	66.2	66.7	66.8	67.3	67.7
≥ 5000	30.1	51.1	54.8	58.7	62.4	63.0	64.8	66.3	66.7	67.7	68.2	68.2	68.7	68.8	69.5	69.9
≥ 4500	30.8	52.1	55.9	59.7	63.5	64.1	65.9	67.6	67.9	68.9	69.3	69.4	70.0	70.1	70.7	71.1
≥ 4000	31.6	53.4	57.4	61.3	65.2	65.9	67.7	69.4	69.7	70.7	71.2	71.2	71.8	71.9	72.5	72.9
≥ 3500	32.1	54.3	58.3	62.4	66.3	67.0	68.8	70.5	70.8	71.8	72.3	72.3	72.9	73.0	73.6	74.0
≥ 3000	32.8	55.9	60.0	64.2	68.3	69.0	70.9	72.6	72.9	73.9	74.4	74.4	75.0	75.1	75.8	76.1
≥ 2500	33.7	57.7	62.0	66.6	70.8	71.6	73.5	75.2	75.5	76.6	77.1	77.1	77.7	77.8	78.4	78.8
≥ 2000	34.2	59.4	64.0	68.7	73.0	73.9	75.8	77.6	77.9	79.0	79.5	79.5	80.1	80.2	80.9	81.3
≥ 1800	34.5	60.1	64.6	69.6	74.0	74.8	76.7	78.6	79.0	80.1	80.6	80.6	81.2	81.3	82.0	82.4
≥ 1500	35.2	61.5	66.3	71.6	76.3	77.2	79.2	81.1	81.5	82.6	83.1	83.1	83.7	83.8	84.6	85.0
≥ 1200	35.5	62.5	67.9	73.2	78.0	78.9	80.9	82.9	83.2	84.3	84.8	84.8	85.5	85.6	86.4	86.8
≥ 1000	35.7	63.2	69.0	74.4	79.4	80.3	82.4	84.3	84.7	85.9	86.4	86.4	87.1	87.2	87.9	88.3
≥ 900	35.8	64.3	69.5	74.9	80.0	80.9	83.0	85.0	85.4	86.5	87.1	87.1	87.8	87.9	88.6	89.0
≥ 800	35.9	64.7	70.0	75.5	80.7	81.6	83.8	85.9	86.3	87.5	88.1	88.0	88.7	88.8	89.6	90.0
≥ 700	36.2	65.4	70.8	76.5	81.9	83.0	85.1	87.3	87.7	88.9	89.5	89.5	90.2	90.3	91.2	91.6
≥ 600	36.4	66.0	71.7	77.6	83.1	84.2	86.6	88.9	89.3	90.5	91.2	91.2	92.0	92.1	92.9	93.3
≥ 500	36.4	66.3	72.0	78.3	84.2	85.4	88.0	90.3	90.8	92.1	92.8	92.8	93.7	93.8	94.7	95.1
≥ 400	36.4	66.3	72.0	78.3	84.3	85.6	88.7	91.3	91.9	93.2	94.0	94.0	94.9	95.0	95.9	96.3
≥ 300	36.4	66.6	72.3	78.6	84.8	86.0	89.5	92.4	93.0	94.5	95.2	95.2	96.2	96.4	97.2	97.7
≥ 200	36.4	66.6	72.3	78.6	84.8	86.0	89.5	92.6	93.1	94.7	95.3	95.3	96.3	96.8	97.8	98.3
≥ 100	36.4	66.6	72.3	78.6	84.8	86.0	89.5	92.6	93.1	94.8	95.5	95.5	96.8	97.1	98.2	99.0
0	36.4	66.6	72.3	78.6	84.8	86.0	89.5	92.6	93.1	94.8	95.5	95.5	96.8	97.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1378

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1625 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 42-45,58-74 YEARS — NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	31.5 37.3	43.9 50.1	44.6 51.9	45.5 52.8	46.3 53.6	46.5 53.9	46.9 54.3	47.2 54.5	47.2 54.6	47.3 54.7	47.3 54.8	47.3 54.8	47.3 54.9	47.3 54.9	47.3 54.9	47.3 54.9
≥ 18000 ≥ 16000	37.3 37.4	50.2 50.3	52.0 52.2	52.9 53.1	53.7 54.0	54.0 54.2	54.4 54.7	54.7 54.9	54.7 55.0	54.8 55.1	54.9 55.1	54.9 55.1	55.0 55.2	55.0 55.2	55.0 55.2	55.0 55.2
≥ 14000 ≥ 12000	38.4 39.3	51.8 54.4	53.8 56.1	54.9 57.3	55.8 58.2	56.0 58.5	56.5 59.0	56.7 59.2	56.8 59.2	56.9 59.3	56.9 59.4	56.9 59.4	57.0 59.5	57.0 59.5	57.0 59.5	57.0 59.5
≥ 10000 ≥ 9000	41.1 41.9	56.2 57.1	58.5 59.4	59.9 60.8	60.9 61.8	61.1 62.1	61.6 62.6	61.8 62.8	61.9 62.8	62.0 62.9	62.1 63.1	62.1 63.1	62.2 63.2	62.2 63.2	62.2 63.2	62.2 63.2
≥ 8000 ≥ 7000	43.0 43.9	59.1 60.8	61.6 63.5	63.0 65.0	64.1 66.0	64.3 66.2	64.8 66.7	65.0 66.9	65.1 67.0	65.3 67.3	65.4 67.4	65.4 67.4	65.6 67.5	65.6 67.5	65.6 67.5	65.6 67.5
≥ 6000 ≥ 5000	44.7 46.0	62.4 64.4	65.1 67.2	66.6 68.7	67.8 69.9	68.0 70.1	68.5 70.8	68.7 71.0	68.8 71.1	69.1 71.3	69.2 71.4	69.2 71.5	69.3 71.6	69.3 71.6	69.3 71.6	69.3 71.6
≥ 4500 ≥ 4000	46.3 46.7	65.0 66.2	67.7 69.0	69.3 70.6	70.5 71.9	70.8 72.1	71.4 72.8	71.6 73.0	71.8 73.2	72.0 73.4	72.1 73.5	72.2 73.6	72.3 73.7	72.3 73.7	72.3 73.7	72.3 73.7
≥ 3500 ≥ 3000	47.1 48.2	66.9 69.1	69.8 71.9	71.3 73.0	72.7 75.0	72.9 75.2	73.5 75.8	73.7 76.0	73.9 76.2	74.1 76.4	74.3 76.6	74.3 76.6	74.4 76.7	74.4 76.7	74.4 76.7	74.4 76.7
≥ 2500 ≥ 2000	49.4 50.8	71.2 73.4	74.2 77.0	76.0 78.8	77.3 80.2	77.5 80.4	78.1 81.0	78.4 81.2	78.5 81.4	78.7 81.6	78.9 81.8	78.9 81.8	79.1 81.9	79.1 81.9	79.1 81.9	79.1 81.9
≥ 1800 ≥ 1500	51.2 52.3	74.6 76.8	77.9 80.0	79.9 82.0	81.2 83.3	81.4 83.6	82.0 84.2	82.2 84.4	82.4 84.6	82.6 84.8	82.8 85.0	82.8 85.0	82.9 85.1	82.9 85.1	82.9 85.1	82.9 85.1
≥ 1200 ≥ 1000	52.9 53.4	78.2 79.9	81.9 83.5	84.1 85.8	85.5 87.3	85.8 87.7	86.5 88.5	86.8 88.7	86.9 88.9	87.1 89.2	87.2 89.3	87.3 89.4	87.5 89.5	87.5 89.5	87.5 89.5	87.5 89.5
≥ 900 ≥ 800	53.7 53.8	80.9 82.3	84.3 85.9	86.5 88.3	88.3 90.0	88.6 90.4	89.4 91.2	89.6 91.5	89.8 91.7	90.1 92.0	90.2 92.1	90.3 92.2	90.4 92.3	90.4 92.3	90.4 92.3	90.4 92.3
≥ 700 ≥ 600	54.0 54.2	83.0 83.4	86.9 87.5	89.4 90.2	91.4 92.3	91.9 92.8	93.0 94.1	93.3 94.6	93.5 94.7	93.8 95.1	94.0 95.3	94.0 95.3	94.2 95.4	94.2 95.5	94.2 95.5	94.2 95.5
≥ 500 ≥ 400	54.2 54.2	83.6 83.7	87.9 88.0	90.7 90.9	93.1 93.5	93.6 94.1	95.0 95.8	95.7 96.0	95.9 97.0	96.3 97.7	96.5 97.9	96.5 97.9	96.7 98.1	96.8 98.2	96.8 98.2	96.8 98.2
≥ 300 ≥ 200	54.2 54.2	83.7 83.7	88.0 88.0	90.9 90.9	93.6 93.6	94.3 94.3	96.2 96.2	97.6 97.7	97.8 98.0	98.5 98.8	98.7 99.1	98.8 99.2	98.9 99.4	99.0 99.5	99.0 99.5	99.0 99.6
≥ 100 0	54.2 54.2	83.7 83.7	88.0 88.0	90.9 90.9	93.6 93.6	94.3 94.3	96.2 96.2	97.7 97.7	98.0 98.0	98.8 98.8	99.1 99.1	99.2 99.2	99.6 99.6	99.8 99.8	99.8 99.8	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 1881

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13425 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) NOV (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.0	48.2	49.5	49.8	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	48.7	56.6	57.9	58.2	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000	49.0	56.8	58.1	58.4	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	49.0	56.9	58.2	58.5	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 14000	50.2	58.4	59.8	60.1	60.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	51.9	60.4	61.7	62.1	62.6	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	53.2	62.4	63.8	64.1	64.6	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	54.0	63.7	65.0	65.4	65.8	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	55.3	65.1	66.5	66.8	67.4	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	56.8	66.8	68.1	68.5	69.1	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 6000	58.0	68.4	69.8	70.2	70.8	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	59.2	70.4	71.8	72.4	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	60.1	71.4	72.9	73.5	74.1	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4000	60.8	73.1	74.7	75.4	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3500	61.6	74.3	75.9	76.7	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3000	63.8	77.5	79.2	80.0	80.6	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	65.9	81.1	82.9	83.7	84.4	84.5	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	68.0	84.1	86.2	87.0	87.7	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	68.4	85.4	87.5	88.4	89.1	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	69.5	87.4	89.6	90.6	91.3	91.5	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	70.0	89.0	91.4	92.5	93.5	93.6	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	70.1	89.6	92.1	93.3	94.3	94.5	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	70.1	90.3	92.6	93.8	94.8	95.0	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	70.3	90.6	93.1	94.3	95.3	95.5	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	70.5	91.0	93.6	94.7	95.8	96.1	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	70.5	91.4	94.3	95.4	96.8	97.1	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	70.6	91.5	94.4	95.7	97.2	97.7	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	70.6	91.5	94.4	95.7	97.4	97.9	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	70.6	91.5	94.4	95.7	97.4	98.0	98.7	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	70.6	91.5	94.4	95.7	97.4	98.0	98.7	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	70.6	91.5	94.4	95.7	97.4	98.0	98.7	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
0	70.6	91.5	94.4	95.7	97.4	98.0	98.7	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1879

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13025 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING	53.2	52.7	53.0	53.7	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	58.3	60.8	61.6	62.4	62.8	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000	53.5	61.1	61.8	62.6	63.0	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	53.7	61.3	62.1	62.9	63.2	63.3	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	54.9	62.6	63.4	64.3	64.8	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	56.1	64.3	65.2	66.1	66.7	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	58.3	66.7	67.6	68.5	69.1	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	59.1	68.2	69.1	70.0	70.6	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	60.5	69.7	70.6	71.5	72.1	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 7000	61.6	71.3	72.2	73.1	73.9	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	63.0	73.3	74.2	75.2	75.9	76.0	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 5000	64.3	75.2	76.2	77.2	77.9	78.1	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	65.6	76.7	77.7	78.8	79.6	79.7	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4000	66.4	77.8	78.9	80.0	80.8	80.9	81.2	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3500	67.6	79.5	80.5	81.6	82.4	82.5	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	69.2	82.0	83.2	84.5	85.3	85.4	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2500	71.1	85.2	86.7	88.0	88.9	89.1	89.3	89.6	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	72.3	87.2	88.7	90.2	91.2	91.3	91.8	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 1800	72.5	87.9	89.4	90.8	91.8	92.0	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	72.7	88.3	90.7	92.2	93.3	93.5	94.1	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	72.8	89.2	91.0	93.3	94.5	94.7	95.4	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	73.0	90.1	92.0	93.6	95.0	95.2	96.0	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	73.1	90.4	92.1	93.9	95.3	95.6	96.4	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1
≥ 800	73.2	90.9	92.6	94.4	95.9	96.2	97.1	97.4	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8
≥ 700	73.2	90.8	92.7	94.6	96.1	96.5	97.4	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	73.2	91.3	92.9	94.9	96.4	96.9	97.8	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	73.2	91.0	92.9	94.9	96.4	97.0	98.1	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	73.2	91.0	92.9	95.0	96.5	97.2	98.4	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7
≥ 300	73.2	91.0	92.9	95.0	96.5	97.2	98.5	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	73.2	91.0	92.9	95.0	96.5	97.2	98.5	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	73.2	91.0	92.9	95.0	96.5	97.2	98.5	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	73.2	91.0	92.9	95.0	96.5	97.2	98.5	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1882

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) JULY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.5	58.1	59.4	60.7	61.4	61.4	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	51.3	64.5	66.1	67.3	68.1	68.2	68.4	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	51.1	64.7	66.2	67.5	68.3	68.4	68.6	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000	51.2	64.8	66.3	67.7	68.5	68.5	68.7	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	51.6	65.0	67.1	68.4	69.2	69.3	69.5	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	52.4	65.9	68.4	69.7	70.5	70.6	70.8	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	53.9	68.9	70.0	72.1	72.9	72.9	73.2	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5
9000	54.8	70.2	71.9	73.4	74.2	74.2	74.4	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	55.1	71.5	73.2	74.7	75.6	75.7	75.9	76.1	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3
7000	56.2	72.9	74.1	75.7	76.7	76.7	77.2	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	57.1	74.1	75.7	77.3	78.3	78.3	78.9	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
5000	57.9	75.1	76.8	78.4	79.5	79.5	80.1	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4500	58.8	76.3	78.0	80.3	81.3	81.4	82.0	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4
4000	59.3	77.5	79.6	81.3	82.3	82.4	83.0	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	59.8	78.5	80.8	82.6	83.7	83.8	84.5	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0
3000	61.1	80.5	82.8	84.7	85.9	86.0	86.7	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	62.2	82.5	85.1	87.1	88.4	88.5	89.2	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8
2000	63.1	84.5	87.5	89.7	91.1	91.2	91.9	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	63.2	85.1	88.0	90.3	91.6	91.8	92.5	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
1500	63.4	86.2	89.5	91.9	93.3	93.5	94.2	94.5	94.5	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 1200	63.5	86.6	89.9	92.3	93.9	94.1	94.9	95.2	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7
1000	63.6	87.0	90.2	92.9	94.7	94.9	95.7	96.0	96.0	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 900	63.6	87.4	90.8	93.4	95.1	95.5	96.2	96.6	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.1
800	63.7	87.6	91.0	93.7	95.5	95.9	96.7	97.2	97.2	97.5	97.5	97.5	97.7	97.7	97.7	97.7
≥ 700	63.7	87.8	91.2	93.9	95.8	96.3	97.1	97.6	97.5	97.9	97.9	97.9	98.0	98.0	98.0	98.0
600	63.7	87.9	91.4	94.2	96.2	96.6	97.4	98.2	98.0	98.3	98.4	98.3	98.5	98.5	98.5	98.5
≥ 500	63.7	88.0	91.6	94.4	96.4	96.8	97.7	98.3	98.3	98.7	98.7	98.7	98.8	98.9	98.9	98.9
400	63.8	88.1	91.6	94.6	96.6	97.1	98.1	98.8	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	63.8	88.1	91.6	94.6	96.6	97.1	98.2	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7
200	63.8	88.1	91.6	94.6	96.7	97.1	98.3	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	63.8	88.1	91.6	94.6	96.7	97.1	98.3	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	100.0
0	63.8	88.1	91.6	94.6	96.7	97.1	98.3	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1874

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.3	56.1	58.5	59.6	60.4	60.4	60.8	61.2	61.6	61.5	61.5	61.5	61.7	61.7	61.7	62.0
≥ 20000	44.2	61.9	64.5	65.6	66.6	66.6	67.0	67.1	67.2	67.6	67.6	67.7	67.8	67.9	67.9	68.2
≥ 18000	44.1	62.0	64.6	65.8	66.8	66.8	67.1	67.3	67.4	67.8	67.8	67.8	68.0	68.0	68.0	68.4
≥ 16000	44.2	62.2	64.8	65.9	66.9	66.9	67.3	67.5	67.5	67.9	67.9	68.0	68.2	68.2	68.2	68.5
≥ 14000	44.9	63.1	65.8	66.9	67.9	67.9	68.3	68.5	68.6	69.0	69.0	69.1	69.2	69.3	69.3	69.6
≥ 12000	45.3	64.0	66.7	67.8	68.8	68.8	69.2	69.5	69.5	70.0	70.0	70.0	70.2	70.2	70.2	70.5
≥ 10000	46.4	65.2	68.1	69.3	70.3	70.3	70.7	71.0	71.0	71.5	71.5	71.5	71.7	71.7	71.7	72.0
≥ 9000	46.9	65.9	68.8	70.0	71.0	71.0	71.5	71.7	71.8	72.2	72.2	72.2	72.4	72.5	72.5	72.8
≥ 8000	48.2	67.6	70.5	71.7	72.7	72.7	73.2	73.5	73.5	74.0	74.0	74.0	74.2	74.2	74.2	74.5
≥ 7000	49.5	69.5	72.5	73.7	75.1	75.1	75.5	75.8	75.9	76.3	76.3	76.3	76.5	76.6	76.6	76.9
≥ 6000	49.3	70.8	73.6	74.8	76.2	76.2	76.8	77.0	77.1	77.5	77.5	77.6	77.7	77.8	77.8	78.1
≥ 5000	50.2	72.5	75.2	76.5	77.9	77.9	78.5	78.8	78.8	79.3	79.3	79.3	79.5	79.6	79.6	79.9
≥ 4500	51.3	73.4	76.7	78.0	79.5	79.5	80.1	80.4	80.4	80.9	80.9	80.9	81.1	81.2	81.2	81.5
≥ 4000	51.9	74.4	77.9	79.3	80.8	80.8	81.4	81.7	81.8	82.2	82.2	82.2	82.4	82.5	82.5	82.8
≥ 3500	52.9	75.5	79.0	80.5	82.0	82.0	82.7	82.9	83.0	83.4	83.4	83.5	83.6	83.7	83.7	84.1
≥ 3000	53.5	77.9	81.6	83.3	84.8	84.8	85.5	85.8	85.8	86.2	86.2	86.2	86.4	86.5	86.5	86.9
≥ 2500	53.9	79.6	83.6	85.3	87.0	87.0	87.7	88.0	88.0	88.5	88.5	88.6	88.7	88.8	88.8	89.2
≥ 2000	54.4	82.2	86.4	88.3	90.0	90.0	90.7	91.0	91.0	91.4	91.4	91.5	91.7	91.8	91.8	92.1
≥ 1800	55.8	82.8	87.0	88.8	90.5	90.5	91.3	91.6	91.7	92.1	92.1	92.1	92.3	92.5	92.5	92.8
≥ 1500	56.1	83.5	88.0	89.9	91.7	91.7	92.5	92.9	92.9	93.4	93.4	93.4	93.6	93.7	93.7	94.0
≥ 1200	56.2	84.0	88.6	90.5	92.5	92.5	93.2	93.7	93.7	94.2	94.2	94.2	94.4	94.5	94.5	94.8
≥ 1000	56.4	84.6	89.5	91.5	93.5	93.5	94.3	94.7	94.7	95.2	95.2	95.2	95.4	95.5	95.5	95.9
≥ 900	56.4	84.7	89.7	91.9	93.9	93.9	94.7	95.2	95.2	95.6	95.6	95.7	95.9	96.0	96.0	96.3
≥ 800	56.4	85.2	90.3	92.5	94.6	94.7	95.5	96.0	96.0	96.4	96.4	96.5	96.7	96.8	96.8	97.2
≥ 700	56.5	85.4	90.5	92.8	95.1	95.2	96.0	96.4	96.4	96.9	96.9	96.9	97.1	97.2	97.2	97.6
≥ 600	56.5	85.6	90.7	93.1	95.4	95.5	96.4	96.9	96.9	97.3	97.3	97.4	97.6	97.7	97.7	98.1
≥ 500	56.5	85.8	90.9	93.7	96.2	96.4	97.2	97.7	97.8	98.2	98.2	98.2	98.5	98.6	98.6	98.9
≥ 400	56.5	85.8	90.9	93.8	96.3	96.8	97.7	98.1	98.2	98.6	98.7	98.7	98.9	99.0	99.0	99.4
≥ 300	56.5	85.8	91.0	93.9	96.7	97.0	98.0	98.5	98.6	99.0	99.0	99.1	99.3	99.4	99.4	99.8
≥ 200	56.5	85.8	91.0	93.9	96.7	97.0	98.0	98.5	98.7	99.1	99.2	99.3	99.5	99.6	99.6	99.9
≥ 100	56.5	85.8	91.0	93.9	96.7	97.0	98.0	98.5	98.7	99.1	99.2	99.3	99.5	99.6	99.6	100.0
0	56.5	85.8	91.0	93.9	96.7	97.0	98.0	98.5	98.7	99.1	99.2	99.3	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1881

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13865 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.0	42.0	44.3	45.4	46.3	46.4	46.9	47.0	47.0	47.2	47.2	47.2	47.3	47.3	47.3	47.6
≥ 20000	32.9	46.2	48.6	49.9	50.7	50.9	51.4	51.5	51.6	51.7	51.7	51.8	52.0	52.0	52.0	52.2
≥ 18000	33.3	46.6	49.1	50.3	51.2	51.3	51.9	52.0	52.0	52.2	52.2	52.2	52.4	52.4	52.5	52.7
≥ 16000	33.7	47.0	49.5	50.7	51.6	51.7	52.3	52.4	52.4	52.6	52.6	52.7	52.9	52.9	52.9	53.1
≥ 14000	34.0	47.4	49.9	51.2	52.0	52.1	52.7	52.8	52.9	53.0	53.0	53.1	53.3	53.3	53.3	53.6
≥ 12000	34.9	48.3	51.7	53.0	53.9	54.0	54.6	54.7	54.7	54.9	54.9	55.0	55.2	55.2	55.2	55.5
≥ 10000	36.4	50.7	53.4	54.7	55.7	55.8	56.4	56.5	56.5	56.7	56.7	56.8	57.1	57.1	57.1	57.4
≥ 9000	36.7	51.3	54.0	55.3	56.3	56.4	57.0	57.1	57.1	57.3	57.3	57.4	57.7	57.7	57.8	58.1
≥ 8000	37.4	52.6	55.3	56.7	57.7	57.8	58.4	58.5	58.5	58.7	58.7	58.8	59.1	59.1	59.1	59.5
≥ 7000	38.1	53.9	56.7	58.1	59.1	59.2	59.8	59.9	59.9	60.1	60.1	60.2	60.5	60.5	60.5	60.8
≥ 6000	38.7	55.3	58.4	59.8	60.8	60.9	61.5	61.6	61.7	61.8	61.9	61.9	62.2	62.2	62.3	62.6
≥ 5000	39.5	56.9	60.0	61.5	62.4	62.6	63.2	63.3	63.3	63.5	63.5	63.6	63.9	63.9	63.9	64.2
≥ 4500	40.5	58.7	61.9	63.5	64.5	64.7	65.3	65.4	65.5	65.6	65.7	65.7	66.0	66.0	66.1	66.4
≥ 4000	41.1	59.7	62.9	64.6	65.6	65.7	66.4	66.5	66.6	66.7	66.8	66.8	67.1	67.1	67.2	67.5
≥ 3500	42.0	61.5	64.9	66.6	67.7	67.9	68.5	68.7	68.8	68.9	69.0	69.0	69.3	69.3	69.4	69.8
≥ 3000	42.8	63.0	66.7	68.4	69.6	69.8	70.5	70.7	70.8	70.9	71.0	71.1	71.5	71.5	71.6	71.9
≥ 2500	43.6	64.8	68.7	70.7	72.0	72.2	73.0	73.2	73.3	73.4	73.5	73.6	73.9	74.0	74.0	74.4
≥ 2000	45.3	67.5	72.0	74.4	75.8	76.0	76.9	77.1	77.1	77.3	77.4	77.4	77.8	77.9	77.9	78.3
≥ 1800	45.4	68.9	73.2	75.7	77.5	77.7	78.6	78.8	78.8	79.0	79.0	79.1	79.5	79.6	79.6	80.0
≥ 1500	46.5	70.9	75.5	78.4	80.3	80.6	81.5	81.8	81.9	82.0	82.1	82.2	82.6	82.7	82.7	83.1
≥ 1200	47.1	72.4	77.0	80.2	82.3	82.7	84.0	84.2	84.3	84.5	84.5	84.6	85.1	85.2	85.2	85.6
≥ 1000	47.6	73.5	78.6	82.2	84.8	85.2	86.6	86.9	86.9	87.1	87.2	87.2	87.7	87.8	87.8	88.2
≥ 900	47.8	74.5	79.6	83.9	86.2	86.7	88.0	88.4	88.5	88.7	88.7	88.8	89.3	89.3	89.4	89.7
≥ 800	48.1	75.6	81.0	85.0	88.0	88.5	90.1	90.6	90.6	90.8	90.9	91.0	91.4	91.5	91.6	91.9
≥ 700	48.2	76.2	81.9	86.0	89.2	89.6	91.2	91.8	91.9	92.1	92.2	92.3	92.8	92.8	92.9	93.3
≥ 600	48.2	76.6	82.4	86.6	90.2	90.7	92.5	93.2	93.3	93.6	93.7	93.8	94.2	94.3	94.3	94.7
≥ 500	48.3	77.0	83.2	87.7	91.2	91.9	93.9	94.7	94.8	95.2	95.3	95.4	95.9	96.0	96.1	96.4
≥ 400	48.3	77.1	83.4	88.0	91.8	92.5	94.6	95.4	95.6	95.9	96.1	96.2	96.8	96.9	97.0	97.3
≥ 300	48.3	77.1	83.4	88.3	92.1	92.9	95.1	96.0	96.3	96.7	97.0	97.1	97.7	97.8	97.9	98.3
≥ 200	48.3	77.1	83.5	88.4	92.3	93.2	95.5	96.5	96.8	97.3	97.6	97.7	98.4	98.5	98.7	99.2
≥ 100	48.3	77.1	83.5	88.4	92.3	93.3	95.5	96.5	96.8	97.3	97.6	97.8	98.5	98.6	99.1	99.6
0	48.3	77.1	83.5	88.4	92.3	93.3	95.5	96.5	96.8	97.3	97.6	97.8	98.5	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1941

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) DEC (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.2	38.4	40.5	41.8	43.3	43.3	43.7	43.9	44.0	44.1	44.2	44.2	44.4	44.6	45.0	45.3
≥ 20000	29.7	41.8	44.3	46.0	47.5	47.5	47.9	48.1	48.1	48.2	48.4	48.4	48.7	48.8	49.3	49.6
≥ 18000	29.8	42.0	44.5	46.2	47.7	47.7	48.2	48.3	48.4	48.5	48.7	48.7	48.9	49.1	49.5	49.9
≥ 16000	29.9	42.1	44.7	46.4	47.9	47.9	48.4	48.6	48.6	48.7	48.9	48.9	49.1	49.3	49.7	50.1
≥ 14000	30.4	42.7	45.3	47.1	48.0	48.5	49.0	49.2	49.3	49.4	49.5	49.5	49.8	49.9	50.4	50.8
≥ 12000	31.0	43.9	46.5	48.3	49.2	49.5	50.4	50.4	50.6	50.7	50.9	50.9	51.1	51.3	51.8	52.1
≥ 10000	31.6	45.2	47.9	49.7	51.4	51.4	51.9	52.1	52.1	52.2	52.4	52.4	52.6	52.8	53.3	53.6
≥ 9000	32.1	45.8	48.4	50.2	51.9	51.9	52.4	52.6	52.6	52.7	52.9	52.9	53.2	53.3	53.8	54.1
≥ 8000	32.4	46.7	49.3	51.1	52.8	52.8	53.3	53.5	53.6	53.7	53.8	53.9	54.1	54.2	54.7	55.1
≥ 7000	33.0	47.6	50.4	52.2	54.0	54.0	54.4	54.7	54.7	54.8	55.0	55.0	55.2	55.4	55.8	56.2
≥ 6000	34.0	49.3	52.3	54.1	55.9	55.9	56.5	56.7	56.7	56.8	57.0	57.0	57.2	57.4	57.9	58.2
≥ 5000	35.4	51.3	54.3	56.2	57.9	57.9	58.6	58.8	58.9	59.0	59.2	59.2	59.4	59.6	60.0	60.4
≥ 4500	36.2	52.8	55.9	57.8	59.6	59.6	60.3	60.5	60.6	60.7	60.9	60.9	61.1	61.3	61.7	62.1
≥ 4000	36.9	54.0	57.2	59.4	61.4	61.4	62.2	62.4	62.5	62.6	62.7	62.7	63.0	63.1	63.6	64.0
≥ 3500	37.6	55.2	58.5	60.5	62.5	62.5	63.3	63.5	63.6	63.7	63.9	63.9	64.1	64.3	64.7	65.1
≥ 3000	38.6	57.1	60.7	63.0	64.9	64.9	65.8	66.1	66.1	66.3	66.5	66.5	66.8	66.9	67.4	67.7
≥ 2500	39.8	59.5	63.2	65.8	67.8	67.8	68.8	69.1	69.1	69.3	69.5	69.5	69.8	69.9	70.4	70.7
≥ 2000	40.9	61.4	65.3	68.4	70.5	70.7	71.8	72.1	72.1	72.3	72.5	72.5	72.8	73.0	73.5	73.8
≥ 1800	41.2	62.4	66.5	69.6	71.8	72.0	73.1	73.4	73.5	73.6	73.9	73.9	74.1	74.4	74.8	75.2
≥ 1500	42.0	63.7	68.8	72.4	75.0	75.2	76.4	76.8	76.8	77.1	77.4	77.4	77.6	77.8	78.3	78.6
≥ 1200	43.0	66.6	70.8	74.9	77.7	77.9	79.3	79.6	79.7	79.9	80.2	80.2	80.5	80.7	81.2	81.6
≥ 1000	43.4	67.6	72.2	76.5	79.8	80.2	81.6	82.1	82.1	82.5	82.9	82.9	83.1	83.4	83.9	84.2
≥ 900	43.5	68.5	73.4	77.8	81.2	81.6	83.1	83.6	83.7	84.1	84.5	84.5	84.8	85.0	85.5	85.9
≥ 800	43.7	69.8	74.8	79.3	82.9	83.4	85.0	85.6	85.7	86.1	86.6	86.6	86.9	87.1	87.6	88.0
≥ 700	43.9	70.6	75.9	80.7	84.4	84.9	86.6	87.2	87.3	87.8	88.4	88.4	88.6	88.8	89.3	89.8
≥ 600	44.0	71.1	76.7	81.6	85.6	86.2	88.1	88.9	89.0	89.5	90.0	90.0	90.2	90.5	91.1	91.5
≥ 500	44.2	72.0	78.0	83.4	87..	88.3	90.4	91.3	91.4	91.9	92.5	92.5	92.8	93.0	93.5	93.9
≥ 400	44.2	72.1	78.1	84.1	88.5	89.2	91.5	92.6	92.7	93.3	93..	93.9	94.3	94.5	95..	95.5
≥ 300	44.2	72.2	78.3	84.4	89.1	89.8	92.6	93.9	94.1	94.8	95.3	95.5	95.9	96.2	96.8	97.3
≥ 200	44.2	72.2	78.3	84.5	89.3	90.2	93.0	94.4	94.6	95.2	95.9	96.1	96.5	96.8	97.3	97.6	98.3	98.9
≥ 100	44.2	72.2	78.3	84.5	89.3	90.2	93.0	94.4	95.0	96.0	96.7	96.9	97.4	97.7	98.5	99.1
0	44.2	72.2	78.3	84.5	89.3	90.2	93.0	94.4	95.0	96.0	96.7	96.9	97.4	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1934

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13845 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.4	31.9	33.4	35.8	37.0	37.0	37.8	38.2	38.6	39.0	39.1	39.2	39.4	39.4	39.6	40.2
≥ 20000	25.7	34.9	37.0	39.6	41.1	41.1	41.9	42.4	42.8	43.2	43.3	43.4	43.6	43.6	43.8	44.5
≥ 18000	25.7	35.0	37.2	39.8	41.3	41.3	42.1	42.6	42.9	43.4	43.5	43.6	43.8	43.8	44.0	44.7
≥ 16000	25.9	35.4	37.6	40.1	41.6	41.6	42.5	42.9	43.3	43.7	43.8	43.9	44.2	44.2	44.4	45.1
≥ 14000	26.2	35.9	38.1	40.9	42.3	42.3	43.2	43.6	44.0	44.5	44.6	44.6	44.9	44.9	45.1	45.7
≥ 12000	27.3	37.4	39.8	42.5	44.0	44.0	44.9	45.3	45.7	46.2	46.3	46.4	46.6	46.6	46.8	47.5
≥ 10000	28.2	39.0	41.4	44.2	45.8	45.8	46.6	47.1	47.4	48.0	48.1	48.1	48.4	48.4	48.6	49.3
≥ 9000	28.5	39.4	41.8	44.7	46.3	46.3	47.1	47.6	47.9	48.4	48.5	48.6	48.8	48.8	49.0	49.7
≥ 8000	29.1	40.2	42.8	45.7	47.4	47.5	48.4	48.8	49.2	49.7	49.8	49.9	50.1	50.1	50.3	51.1
≥ 7000	30.2	41.9	44.4	47.5	49.1	49.1	50.0	50.5	50.9	51.4	51.5	51.6	51.8	51.8	52.0	52.7
≥ 6000	31.4	44.0	46.6	49.6	51.4	51.5	52.3	52.8	53.2	53.7	53.8	53.8	54.1	54.1	54.3	55.0
≥ 5000	32.8	45.3	48.2	51.4	53.3	53.4	54.3	54.8	55.2	55.7	55.8	55.8	56.1	56.1	56.3	57.0
≥ 4500	33.4	46.9	49.6	52.8	54.8	54.8	55.8	56.3	56.7	57.2	57.3	57.4	57.7	57.7	57.9	58.6
≥ 4000	34.2	48.1	50.8	54.1	56.1	56.2	57.3	57.8	58.3	58.9	59.1	59.2	59.4	59.4	59.6	60.3
≥ 3500	34.9	49.0	52.4	55.8	57.9	58.0	59.1	59.7	60.2	60.7	60.8	60.9	61.2	61.2	61.4	62.1
≥ 3000	35.4	50.9	53.7	57.2	59.4	59.5	60.7	61.3	61.8	62.3	62.4	62.5	62.8	62.8	63.0	63.7
≥ 2500	36.2	53.0	55.9	59.6	61.7	61.9	63.1	63.9	64.4	65.0	65.1	65.1	65.4	65.4	65.6	66.4
≥ 2000	37.6	55.7	58.9	62.8	65.0	65.2	66.4	67.2	67.7	68.3	68.4	68.5	68.8	68.8	69.0	69.7
≥ 1800	37.9	56.0	59.8	63.8	66.0	66.2	67.4	68.3	68.9	69.3	69.5	69.6	69.9	69.9	70.1	70.8
≥ 1500	38.9	58.9	62.4	66.7	69.0	69.2	70.6	71.5	72.0	72.7	72.8	72.9	73.3	73.3	73.5	74.2
≥ 1200	39.9	61.1	64.8	69.2	71.8	72.0	73.7	74.7	75.2	75.9	76.1	76.1	76.5	76.5	76.7	77.4
≥ 1000	41.0	63.2	67.1	72.2	75.0	75.3	77.1	78.1	78.7	79.5	79.7	79.8	80.1	80.1	80.3	81.0
≥ 900	41.3	64.2	68.3	73.6	76.5	76.9	78.8	79.9	80.5	81.3	81.5	81.6	82.0	82.0	82.2	82.9
≥ 800	41.9	65.1	69.2	74.7	77.8	78.3	80.5	81.7	82.4	83.2	83.3	83.6	83.9	83.9	84.2	84.9
≥ 700	41.7	66.1	70.4	76.2	79.5	80.0	82.6	83.9	84.6	85.6	85.8	85.9	86.3	86.3	86.6	87.3
≥ 600	41.7	67.0	71.5	77.4	80.9	81.5	84.3	85.6	86.4	87.4	87.6	87.7	88.1	88.1	88.4	89.1
≥ 500	41.9	67.6	72.8	78.9	82.6	83.3	86.3	87.9	88.7	89.9	90.2	90.3	90.7	90.7	91.0	91.8
≥ 400	41.9	67.9	73.2	79.6	83.5	84.2	87.3	89.0	90.3	91.7	92.2	92.3	92.7	92.8	93.1	93.9
≥ 300	42.0	67.9	73.3	79.9	84.0	84.9	88.5	90.3	91.6	93.1	93.6	93.8	94.3	94.5	95.0	95.7
≥ 200	42.0	68.0	73.4	80.1	84.2	85.1	88.9	91.5	92.4	94.1	94.8	95.0	95.7	96.0	96.7	97.6
≥ 100	42.0	68.0	73.4	80.0	84.2	85.2	88.9	91.6	92.5	94.2	95.0	95.2	96.2	96.4	97.5	98.7
0	42.0	68.0	73.4	80.0	84.2	85.2	88.9	91.6	92.5	94.2	95.0	95.2	96.2	96.4	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1941

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

DATA PR CRSSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

13425 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.0	34.2	36.3	37.0	37.6	37.7	37.8	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0	38.2
≥ 20000	29.3	39.2	41.2	42.1	42.8	43.0	43.2	43.3	43.4	43.4	43.4	43.6	43.4	43.5	43.5	43.7
≥ 18000	39.8	39.1	41.3	42.2	42.9	43.1	43.3	43.4	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.8
≥ 16000	29.9	39.2	41.3	42.4	43.2	43.3	43.5	43.6	43.7	43.7	43.7	43.7	43.8	43.9	43.9	44.0
≥ 14000	30.1	39.7	42.0	43.0	43.8	43.9	44.1	44.3	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.7
≥ 12000	31.4	41.7	44.1	45.3	45.9	46.3	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.8
≥ 10000	32.9	43.7	46.1	47.1	47.9	48.0	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.6	48.7	48.8
≥ 9000	33.2	44.1	46.5	47.5	48.4	48.6	48.8	48.9	49.0	49.0	49.0	49.0	49.1	49.2	49.3	
≥ 8000	34.3	45.6	48.2	49.2	50.2	50.3	50.5	50.6	50.7	50.7	50.7	50.7	50.6	50.8	50.9	51.1
≥ 7000	35.3	47.2	49.7	50.8	51.7	51.9	52.2	52.3	52.4	52.4	52.4	52.4	52.5	52.5	52.7	
≥ 6000	37.0	49.0	52.2	53.2	54.2	54.4	54.6	54.8	54.9	54.9	54.9	54.9	54.9	55.0	55.1	55.2
≥ 5000	38.2	51.4	54.2	55.3	56.4	56.5	56.8	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.2	57.4
≥ 4500	38.9	52.8	55.6	56.9	58.1	58.3	58.5	58.7	58.8	58.8	58.8	58.8	58.9	58.9	59.0	59.2
≥ 4000	39.5	54.9	56.8	58.3	59.6	59.8	60.1	60.3	60.4	60.5	60.5	60.5	60.5	60.6	60.7	60.8
≥ 3500	40.5	55.4	58.4	60.0	61.2	61.4	61.7	61.9	62.1	62.1	62.1	62.1	62.2	62.2	62.3	62.5
≥ 3000	41.4	56.7	59.8	61.3	62.7	62.9	63.1	63.3	63.5	63.6	63.6	63.6	63.6	63.7	63.8	63.9
≥ 2500	42.4	58.4	61.8	63.4	64.8	65.0	65.2	65.5	65.6	65.7	65.7	65.7	65.7	65.8	65.9	66.0
≥ 2000	44.0	61.1	64.8	66.9	68.2	68.5	68.8	69.0	69.2	69.3	69.3	69.3	69.3	69.4	69.5	69.6
≥ 1800	44.4	62.3	65.8	68.0	69.4	69.6	69.9	70.1	70.3	70.3	70.3	70.3	70.4	70.4	70.5	70.7
≥ 1500	45.9	64.9	68.5	71.1	72.9	73.2	73.5	73.8	74.0	74.0	74.0	74.0	74.1	74.1	74.2	74.4
≥ 1200	47.1	67.4	71.2	73.9	76.1	76.3	76.7	77.1	77.3	77.3	77.3	77.3	77.4	77.4	77.5	77.7
≥ 1000	48.2	69.8	73.9	77.0	79.4	79.6	80.1	80.4	80.6	80.7	80.7	80.7	80.7	80.8	80.9	81.1
≥ 900	48.9	71.2	75.6	79.0	81.6	81.9	82.4	82.7	82.9	83.0	83.0	83.0	83.1	83.1	83.2	83.4
≥ 800	49.2	72.3	77.1	80.7	83.6	83.9	84.7	85.2	85.4	85.6	85.6	85.6	85.6	85.7	85.8	85.9
≥ 700	49.6	73.4	78.6	82.4	85.4	85.9	86.8	87.3	87.5	87.8	87.8	87.8	87.9	87.9	88.0	88.2
≥ 600	49.7	74.3	80.0	84.1	87.4	87.9	88.9	89.7	89.9	90.3	90.3	90.5	90.6	90.6	90.7	90.9
≥ 500	49.8	75.2	80.8	85.2	89.1	89.7	91.1	91.9	92.2	93.0	93.2	93.3	93.6	93.6	93.7	93.9
≥ 400	49.8	75.2	81.2	85.7	89.8	90.6	92.2	93.4	93.7	94.6	94.8	94.9	95.2	95.3	95.5	95.7
≥ 300	49.8	75.3	81.5	86.2	90.5	91.3	93.3	95.0	95.4	96.5	96.9	97.1	97.4	97.5	97.7	98.0
≥ 200	49.8	75.4	81.5	86.3	90.6	91.5	93.6	95.5	95.8	97.1	97.6	97.8	98.2	98.3	98.6	99.2
≥ 100	49.8	75.4	81.5	86.3	90.6	91.5	93.6	95.5	95.8	97.2	97.8	98.0	98.5	98.6	98.9	99.8
0	49.8	75.4	81.5	86.3	90.6	91.5	93.6	95.5	95.8	97.2	97.8	98.0	98.5	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1948

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.4	39.5	39.9	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	39.1	45.2	46.2	46.5	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000	39.1	45.8	46.3	46.8	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000	39.2	46.1	46.7	47.1	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000	39.9	46.8	47.4	47.8	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 12000	40.9	47.6	49.0	49.4	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 10000	42.4	50.3	50.9	51.3	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 9000	42.7	50.7	51.3	51.5	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 8000	43.4	52.2	52.8	53.3	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 7000	43.8	54.3	54.2	55.5	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 6000	45.0	56.4	57.0	57.7	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 5000	47.1	58.9	59.1	59.8	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 4500	47.7	59.5	60.2	61.0	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 4000	48.6	60.8	61.6	62.3	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 3500	49.9	62.3	63.2	63.9	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 3000	50.3	63.8	64.7	65.5	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 2500	53.2	67.0	68.1	69.1	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 2000	55.0	70.1	71.2	72.5	73.5	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1800	56.3	71.6	72.7	74.1	75.1	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1500	57.0	74.3	75.9	77.4	78.5	78.9	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1200	59.3	77.4	79.2	81.1	82.6	83.0	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1000	60.1	79.2	81.1	83.0	84.8	85.2	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 900	60.3	80.1	82.0	84.1	86.1	86.5	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 800	60.3	81.6	83.7	86.2	88.4	88.8	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 700	60.5	82.4	84.8	87.4	89.9	90.5	91.4	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	60.6	83.1	85.7	88.4	91.2	91.9	93.1	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2
≥ 500	60.6	83.7	86.7	89.7	92.6	93.5	94.9	95.8	95.8	96.2	96.3	96.3	96.4	96.4	96.4	96.4
≥ 400	60.8	83.9	87.1	90.2	93.3	94.4	96.0	97.0	97.1	97.6	97.7	97.7	97.9	97.9	97.9	97.9
≥ 300	60.8	83.9	87.2	90.4	93.7	94.9	96.9	98.4	98.5	99.0	99.2	99.3	99.4	99.4	99.4	99.4
≥ 200	60.8	83.9	87.3	90.5	93.8	95.0	97.0	98.5	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.9
≥ 100	60.8	83.9	87.3	90.5	93.8	95.0	97.0	98.5	98.7	99.3	99.4	99.7	99.9	99.9	99.9	100.0
0	60.8	83.9	87.3	90.5	93.8	95.0	97.0	98.5	98.7	99.3	99.4	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1944

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13925 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.8	39.7	40.0	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 20000	41.3	47.3	48.3	48.9	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 18000	41.5	48.1	48.6	49.1	49.3	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 16000	41.5	48.1	49.0	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 14000	42.5	49.7	50.2	50.8	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 12000	44.5	51.8	52.4	52.9	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 10000	45.7	54.0	54.5	55.1	55.4	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 9000	45.9	54.4	54.9	55.5	55.7	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 8000	46.9	55.9	56.5	57.3	57.5	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	48.0	57.7	58.3	59.1	59.4	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 6000	48.8	59.2	59.9	60.8	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	50.1	61.1	61.9	62.9	63.3	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 4500	50.8	62.4	63.2	64.3	64.7	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4000	52.0	64.1	64.9	66.1	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 3500	53.2	66.1	66.8	67.9	68.5	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000	54.9	67.9	68.8	70.1	70.8	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500	56.7	71.9	72.9	74.0	74.7	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2000	59.4	74.6	75.7	77.4	78.5	78.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1800	60.2	75.5	76.6	78.2	79.7	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1500	61.4	77.8	79.2	81.1	82.9	83.1	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1200	67.0	79.3	81.2	83.4	85.3	85.6	86.3	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 1000	62.3	80.6	82.6	85.0	87.3	87.7	88.3	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 900	62.5	81.3	83.3	85.7	88.1	88.7	89.3	89.7	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.1
≥ 800	62.6	82.2	84.3	87.0	89.6	90.1	91.0	91.5	91.5	91.8	91.9	91.9	92.0	92.0	92.0	92.0
≥ 700	62.7	82.9	85.2	88.0	90.6	91.2	92.2	92.8	92.9	93.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 600	62.7	83.3	85.8	88.9	91.7	92.5	93.5	94.3	94.3	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 500	62.8	83.3	86.3	89.7	92.9	93.6	95.1	95.8	95.9	96.7	96.9	96.9	97.0	97.0	97.0	97.0
≥ 400	62.8	83.6	86.5	90.0	93.4	94.1	95.9	96.8	96.8	97.8	98.0	98.0	98.2	98.2	98.2	98.2
≥ 300	62.8	83.8	86.7	90.3	93.9	94.7	96.5	97.5	97.6	98.6	99.1	99.1	99.3	99.3	99.3	99.3
≥ 200	62.8	83.8	86.7	90.4	94.0	94.8	96.6	97.6	97.9	99.0	99.4	99.6	99.8	99.9	99.9	99.9
≥ 100	62.8	83.8	86.7	90.4	94.0	94.8	96.6	97.6	97.9	99.0	99.5	99.6	99.8	99.9	99.9	100.0
0	62.8	83.9	86.7	90.4	94.0	94.8	96.6	97.6	97.9	99.0	99.5	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1246

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13845 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 42-45,58-74 YEARS — JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.3	42.1	42.9	43.5	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.1
≥ 20000	39.3	48.1	49.0	50.7	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.3
≥ 18000	39.9	49.0	50.2	51.0	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.6	51.6
≥ 16000	40.2	49.4	50.4	51.6	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.2	52.2
≥ 14000	40.8	50.5	51.6	52.4	52.6	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1
≥ 12000	42.1	52.2	53.7	54.5	54.9	54.9	55.1	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2
≥ 10000	43.5	54.2	55.4	56.3	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.1
≥ 9000	44.7	54.7	55.8	56.8	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4
≥ 8000	44.2	55.9	57.0	58.0	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.8
≥ 7000	45.2	57.4	58.6	59.6	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.4	60.4
≥ 6000	45.8	58.9	60.2	61.3	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.1	62.1
≥ 5000	46.0	60.5	62.1	63.1	63.7	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.2
≥ 4500	47.5	62.3	63.6	64.8	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.9
≥ 4000	48.2	63.7	65.5	66.8	67.4	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.9	68.0	68.0
≥ 3500	49.8	65.9	67.7	69.1	69.8	69.8	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.5
≥ 3000	51.7	67.9	69.9	71.4	72.1	72.2	72.6	72.7	72.7	72.9	72.9	72.9	72.9	73.0	73.1	73.1
≥ 2500	52.3	70.3	72.3	74.0	74.7	74.9	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.7	75.8	75.8
≥ 2000	53.9	73.4	75.6	77.9	78.7	79.0	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.1	80.2	80.2
≥ 1800	54.5	75.1	77.2	79.5	80.4	80.7	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.8	81.9	82.0
≥ 1500	55.4	76.9	79.4	82.0	83.1	83.6	84.7	84.8	84.8	85.1	85.1	85.1	85.1	85.2	85.3	85.3
≥ 1200	55.9	78.2	81.3	83.9	85.5	85.9	86.7	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.2	87.3
≥ 1000	56.2	79.2	82.6	85.2	87.1	87.7	88.4	88.5	88.6	88.8	88.8	88.8	88.8	88.9	89.0	89.1
≥ 900	56.4	79.8	83.2	86.0	88.1	88.8	89.6	89.7	89.8	90.1	90.1	90.1	90.2	90.2	90.4	90.4
≥ 800	56.6	80.4	84.0	86.9	89.3	90.0	91.2	91.3	91.4	92.0	92.0	92.0	92.1	92.2	92.3	92.3
≥ 700	56.7	81.2	85.0	88.1	90.8	91.6	93.1	93.5	93.5	94.1	94.1	94.1	94.2	94.3	94.4	94.5
≥ 600	56.7	81.6	85.0	89.0	92.1	93.1	94.6	95.0	95.1	95.9	95.9	95.9	96.1	96.2	96.3	96.3
≥ 500	56.7	81.7	85.8	89.4	92.6	93.5	95.4	95.9	96.0	96.9	96.9	96.9	97.1	97.1	97.3	97.3
≥ 400	56.7	82.1	86.2	89.5	93.3	94.2	96.2	96.9	97.0	97.9	97.9	97.9	98.1	98.2	98.3	98.3
≥ 300	56.7	82.1	86.3	90.1	93.7	94.7	96.8	97.5	97.8	98.7	98.7	98.7	99.0	99.1	99.2	99.2
≥ 200	56.7	82.1	86.3	90.2	93.9	94.9	97.0	97.8	98.0	98.9	99.1	99.2	99.4	99.5	99.7	99.8
≥ 100	56.7	82.1	86.3	90.2	93.9	94.9	97.0	97.8	98.1	99.0	99.2	99.2	99.5	99.6	99.8	99.9
0	56.7	82.1	86.3	90.2	93.9	94.9	97.0	97.8	98.1	99.0	99.2	99.2	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1926

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-73 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.[illegible]	43.1	44.3	45.3	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.7	46.7	46.8	47.2	47.5
≥ 20000	37.5	48.[illegible]	49.5	50.7	51.5	51.6	51.7	51.8	51.8	51.9	52.[illegible]	52.0	52.1	52.2	52.6	53.0
≥ 18000	37.9	48.4	49.9	51.1	51.9	52.0	52.1	52.2	52.2	52.4	52.5	52.5	52.5	52.6	53.0	53.4
≥ 14000	38.[illegible]	48.7	50.2	51.5	52.4	52.5	52.5	52.6	52.7	52.8	52.9	52.9	52.9	53.0	53.4	53.8
≥ 14000	38.4	49.1	50.6	51.9	52.8	52.9	52.9	53.0	53.1	53.2	53.3	53.3	53.3	53.4	53.8	54.3
≥ 12000	39.[illegible]	49.[illegible]	52.5	53.8	54.7	54.7	54.8	54.9	55.[illegible]	55.1	55.2	55.2	55.2	55.3	55.7	56.2
≥ 10000	41.3	53.1	54.6	55.9	56.7	56.8	56.9	57.1	57.1	57.2	57.3	57.3	57.4	57.5	57.9	58.3
≥ 9000	41.8	53.6	55.2	56.5	57.4	57.5	57.6	57.7	57.8	57.9	58.[illegible]	58.0	58.0	58.1	58.6	59.0
≥ 8000	42.4	55.[illegible]	56.0	58.[illegible]	58.9	59.0	59.1	59.3	59.3	59.4	59.5	59.5	59.6	59.7	60.1	60.6
≥ 7000	42.8	56.1	57.0	59.1	60.0	60.1	60.2	60.3	60.5	60.6	60.7	60.7	60.7	60.8	61.2	61.7
≥ 6000	43.[illegible]	57.2	59.2	60.6	61.6	61.6	61.8	62.0	62.0	62.1	62.2	62.2	62.3	62.4	62.8	63.3
≥ 5000	43.9	58.[illegible]	60.8	62.3	63.3	63.3	63.5	63.7	63.8	63.9	64.[illegible]	64.0	64.0	64.1	64.5	65.0
≥ 4500	45.3	60.0	62.3	64.1	65.[illegible]	65.1	65.[illegible]	65.5	65.5	65.6	65.[illegible]	65.7	65.8	65.9	66.3	66.8
≥ 4000	45.5	61.4	63.8	65.6	66.7	66.7	66.9	67.2	67.2	67.3	67.[illegible]	67.4	67.5	67.6	68.[illegible]	68.5
≥ 3500	46.6	63.[illegible]	65.4	67.2	68.3	68.3	68.5	68.8	68.8	68.9	69.[illegible]	69.0	69.1	69.2	69.6	70.1
≥ 3000	47.[illegible]	64.4	67.2	69.3	70.4	70.4	70.9	71.1	71.2	71.4	71.[illegible]	71.5	71.5	71.6	72.[illegible]	72.5
≥ 2500	48.5	66.3	69.3	71.5	72.6	73.0	73.4	73.6	73.7	73.9	74.[illegible]	74.0	74.1	74.2	74.6	75.0
≥ 2000	52.[illegible]	69.7	73.0	75.3	76.7	77.1	77.6	77.8	77.9	78.1	78.[illegible]	78.2	78.2	78.3	78.8	79.2
≥ 1800	53.9	71.1	74.4	76.8	78.2	78.6	79.1	79.4	79.4	79.6	79.7	79.7	79.8	79.9	80.3	80.8
≥ 1500	54.3	73.[illegible]	76.6	79.1	80.7	81.1	81.6	81.[illegible]	81.9	82.1	82.[illegible]	82.2	82.3	82.4	82.[illegible]	83.3
≥ 1200	56.2	74.5	78.4	81.2	82.9	83.5	84.0	84.3	84.3	84.5	84.7	84.7	84.7	84.8	85.2	85.7
≥ 1000	56.8	75.[illegible]	80.[illegible]	83.6	85.6	86.4	87.1	87.4	87.[illegible]	87.7	87.[illegible]	87.8	87.9	88.0	88.[illegible]	89.8
≥ 900	58.3	76.4	81.3	84.9	87.3	88.1	89.0	89.3	89.4	89.7	89.8	89.8	89.9	90.0	90.4	90.9
≥ 800	58.1	77.4	82.3	86.1	89.1	89.9	90.8	91.3	91.3	91.7	91.8	91.8	91.9	92.0	92.4	92.9
≥ 700	58.3	77.8	82.9	87.0	90.1	90.8	91.8	92.2	92.3	92.7	92.8	92.8	93.0	93.1	93.5	94.1
≥ 600	58.[illegible]	77.9	83.2	87.4	90.7	91.5	92.6	93.[illegible]	93.1	93.6	93.7	93.7	93.9	94.3	94.4	94.9
≥ 500	58.[illegible]	78.2	83.7	88.0	91.5	92.3	93.9	94.4	94.4	94.9	95.[illegible]	95.0	95.2	95.3	95.7	96.2
≥ 400	58.[illegible]	78.[illegible]	84.1	88.7	92.5	93.4	95.[illegible]	95.3	95.8	96.3	96.[illegible]	96.4	96.6	96.7	97.[illegible]	97.7
≥ 300	58.[illegible]	78.7	84.2	89.0	93.0	94.0	95.9	96.6	96.7	97.2	97.3	97.3	97.5	97.8	98.[illegible]	98.7
≥ 200	58.2	78.7	84.2	89.1	93.2	94.2	96.3	97.1	97.2	97.7	97.8	97.8	98.1	98.4	98.8	99.5
≥ 100	58.3	78.7	84.3	89.1	93.2	94.2	96.3	97.1	97.2	97.8	97.9	98.0	98.3	98.6	99.1	99.9
≥ 0	58.[illegible]	78.[illegible]	84.3	89.1	93.2	94.2	96.3	97.1	97.2	97.8	97.9	98.[illegible]	98.[illegible]	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1915

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

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

PART D SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 46,58-70 (PERIOD) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	20.0	4.0	3.9	3.0	2.6	1.8	2.4	3.4	4.8	3.5	50.5	6.5	9668
FEB		23.8	4.5	4.0	2.8	2.6	2.0	2.9	3.4	4.7	3.8	45.5	6.1	8420
MAR		22.2	5.2	5.0	4.1	3.5	2.6	3.5	4.4	5.d	3.9	39.8	5.9	8927
APR		22.9	5.1	5.1	3.6	3.9	3.2	4.0	4.5	6.3	3.9	37.6	5.7	9355
MAY		20.2	5.5	6.2	6.6	5.4	3.8	4.9	5.6	7.7	5.0	29.8	5.5	9669
JUN		15.6	6.2	6.1	6.4	6.2	5.3	5.7	6.5	9.5	6.0	26.6	5.7	8631
JUL		10.0	5.0	7.2	7.9	6.4	5.7	6.4	8.0	11.5	6.4	25.6	6.0	8910
AUG		14.9	5.5	6.6	7.5	6.8	5.8	5.5	7.8	10.2	5.5	23.8	5.6	8926
SEP		26.7	6.4	6.7	5.8	4.9	3.6	3.9	5.3	6.4	4.0	26.3	4.9	8640
OCT		35.5	7.5	6.3	5.2	3.6	2.6	3.3	3.8	4.7	3.3	24.2	4.2	8925
NOV		26.9	5.3	4.4	4.3	3.6	2.5	3.1	4.6	5.5	4.5	35.3	5.4	9352
DEC		22.9	4.9	4.1	3.0	2.3	1.8	2.5	3.0	4.8	3.9	40.7	6.2	9670
TOTALS		21.8	5.4	5.5	5.0	4.3	3.4	4.0	5.0	6.8	4.5	34.4	5.6	109093

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 46,59-76 (PERIOD) JAN (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	TAL N OF C S
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	26.1	2.2	3.5	3.5	2.9	2.0	3.0	1.7	4.6	2.4	48.1	6.1	1209
	03-05	26.1	3.2	3.7	2.6	2.4	1.0	2.0	3.9	3.9	2.0	49.2	6.1	1209
	06-08	17.6	5.2	3.4	2.3	3.1	2.5	1.9	3.6	4.6	3.1	52.6	6.7	1207
	09-11	15.7	4.9	3.4	2.3	2.3	2.1	2.1	3.1	4.3	4.7	55.0	7.0	1208
	12-14	15.0	5.1	3.4	3.6	2.7	1.7	2.2	2.4	6.0	5.1	52.5	6.9	1209
	15-17	15.7	4.1	3.9	3.2	2.0	2.0	2.2	4.5	6.5	6.7	49.3	6.9	1209
	18-20	20.1	3.6	4.6	3.6	3.1	1.7	2.3	4.4	4.6	2.8	49.2	6.4	1208
	21-23	23.5	3.4	5.1	2.7	2.6	1.7	3.4	3.7	4.0	1.5	48.3	6.2	1209
TOTALS		20.0	4.0	3.9	3.0	2.6	1.8	2.4	3.4	4.8	3.5	50.5	6.5	9668

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 46,59-70 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	31.7	2.5	4.4	2.3	2.4	2.0	3.3	2.6	3.1	2.1	43.2	5.6	1052
	03-05	30.9	2.2	4.7	3.7	2.2	1.9	2.8	2.3	2.9	1.4	44.9	5.6	1053
	06-08	20.7	4.6	3.5	3.3	2.2	1.7	2.4	4.8	5.1	3.9	47.8	6.4	1052
	09-11	17.9	5.6	4.2	2.3	3.0	1.6	2.9	3.3	5.2	5.2	48.8	6.6	1052
	12-14	18.6	5.5	3.8	2.3	3.4	1.7	1.9	2.9	5.9	6.6	47.4	6.5	1052
	15-17	22.0	4.7	3.2	2.2	1.5	2.4	2.8	4.0	4.2	5.4	47.5	6.4	1053
	18-20	20.8	6.4	3.3	3.5	2.8	2.3	4.2	3.7	5.0	3.4	44.6	6.1	1053
	21-23	27.5	4.2	4.7	2.5	3.3	2.3	2.8	3.2	5.2	2.1	42.2	5.7	1053
TOTALS		23.8	4.5	4.0	2.8	2.6	2.0	2.9	3.4	4.7	3.8	45.8	6.1	8420

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 59-70 (PERIOD) MAR (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	28.0	5.0	4.5	3.9	3.5	2.0	3.9	3.9	4.2	2.2	38.9	5.4	1112
	03-05	28.6	4.6	4.1	3.4	2.3	1.9	3.7	3.3	5.3	1.7	41.1	5.6	1116
	06-08	20.5	4.8	4.6	4.6	3.0	1.4	2.2	4.4	4.9	3.3	46.1	6.2	1116
	09-11	18.9	4.5	3.6	3.8	3.5	3.0	3.4	3.9	5.4	4.3	45.8	6.4	1116
	12-14	16.8	4.8	3.9	3.0	4.3	3.0	3.8	5.3	8.1	6.5	40.4	6.4	1116
	15-17	17.8	5.2	4.8	3.7	4.7	3.9	3.9	4.1	7.2	6.5	38.1	6.1	1115
	18-20	19.2	7.3	7.1	5.4	3.7	3.0	3.1	5.2	6.7	5.0	34.3	5.6	1116
	21-23	28.0	5.3	7.4	4.7	3.1	2.3	3.8	5.2	4.4	1.7	34.0	5.1	1116
TOTALS		22.2	5.2	5.0	4.1	3.5	2.6	3.5	4.4	5.8	3.9	39.8	5.9	8927

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13825 (STATION) CULUMBUS AFB MISSISSIPPI (STATION NAME) 46,59-70 (PERIOD) APR (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	32.2	4.8	5.7	3.3	2.7	2.1	5.1	3.5	6.1	2.5	32.0	4.9	1169
	03-05	29.1	3.3	5.2	3.5	4.0	2.3	3.6	3.7	5.6	1.4	38.3	5.4	1169
	06-08	18.8	4.0	3.2	2.8	3.1	1.4	4.1	4.4	5.8	5.0	47.4	6.6	1170
	09-11	18.3	5.8	3.8	2.9	4.5	3.9	3.4	4.6	5.7	5.9	41.1	6.2	1168
	12-14	17.6	5.4	4.4	3.8	4.3	5.1	4.2	5.6	7.1	4.5	38.0	6.1	1169
	15-17	16.9	6.6	5.4	4.2	4.2	4.9	3.1	5.0	7.9	5.3	36.5	6.0	1170
	18-20	19.7	7.1	6.7	4.1	4.8	2.8	3.8	5.0	5.9	3.9	36.3	5.7	1170
	21-23	30.8	3.8	6.1	4.5	3.3	2.7	4.7	4.3	6.0	2.6	31.2	5.0	1170
TOTALS		22.9	5.1	5.1	3.6	3.9	3.2	4.0	4.5	6.3	3.9	37.6	5.7	2355

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 46,59-70 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (I.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	35.0	5.0	7.0	4.9	4.9	2.5	5.8	4.2	5.0	1.5	24.3	4.3	1209
	03-05	25.9	4.7	7.4	5.2	4.6	3.7	4.7	5.8	6.5	3.6	27.9	5.0	1209
	06-08	18.6	4.9	3.4	5.6	5.1	2.8	3.5	4.5	8.5	4.7	38.4	6.1	1209
	09-11	15.4	5.9	5.0	4.6	5.5	4.7	3.0	5.5	9.3	6.4	34.2	6.1	1208
	12-14	8.8	4.5	6.0	6.7	7.2	5.6	5.1	7.0	10.8	7.9	30.3	6.3	1209
	15-17	9.4	6.6	5.6	7.7	7.5	4.6	4.1	6.7	10.3	7.7	29.8	6.2	1207
	18-20	17.3	6.1	8.5	7.9	3.8	4.1	4.9	6.5	6.5	5.2	29.2	5.5	1209
	21-23	31.4	6.0	7.0	5.5	4.5	2.3	7.3	4.8	4.5	2.7	23.9	4.4	1209
TOTALS		20.2	5.5	6.2	6.0	5.4	3.8	4.9	5.6	7.7	5.0	29.8	5.5	9669

USAFETAC FORM JUL 64 0-9-5 A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 59-70 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	29.8	6.8	8.1	6.3	6.7	3.3	7.2	4.2	5.4	2.6	19.7	4.2	1080
	03-05	19.8	5.7	7.5	5.6	5.7	4.3	8.8	6.8	8.1	4.5	23.5	5.2	1078
	06-08	14.6	6.2	4.5	4.3	4.3	4.0	4.7	5.8	9.3	6.9	35.6	6.3	1078
	09-11	12.6	5.4	5.2	5.3	6.0	5.2	3.8	5.6	11.2	9.1	30.5	6.2	1079
	12-14	6.7	4.1	4.4	7.9	9.3	8.7	4.9	7.2	13.3	8.0	25.6	6.3	1079
	15-17	6.9	7.0	5.3	6.9	8.6	7.2	5.3	7.8	12.6	6.8	25.7	6.1	1080
	18-20	10.9	7.1	6.7	7.2	6.5	4.5	5.0	7.7	9.2	6.9	30.3	6.1	1078
	21-23	23.1	7.9	6.8	7.4	6.4	4.8	5.8	6.9	6.7	3.5	23.7	4.9	1079
TOTALS		15.6	6.2	6.1	6.4	6.2	5.3	5.7	6.5	9.5	6.0	26.8	5.7	8631

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 59-70 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	23.7	6.1	9.3	8.0	5.0	3.1	9.0	8.6	7.0	5.1	17.0	4.5	1115
	03-05	15.7	7.0	9.3	8.2	5.3	4.9	8.3	7.2	8.5	4.7	21.0	5.2	1110
	06-08	9.6	6.5	6.8	7.3	3.5	4.6	3.7	6.2	13.0	7.7	31.2	6.3	1116
	09-11	8.6	3.9	7.2	7.7	8.0	7.1	4.7	7.4	11.7	7.5	26.4	6.1	1114
	12-14	2.9	2.1	3.5	9.7	10.2	9.9	5.7	9.3	13.2	7.5	25.8	6.6	1114
	15-17	3.4	4.3	6.6	9.1	7.3	6.7	5.2	7.8	12.7	8.7	28.2	6.5	1114
	18-20	4.5	4.2	6.7	5.0	3.8	5.8	4.9	9.5	14.6	8.4	32.4	6.9	1113
	21-23	11.6	5.6	8.2	7.9	7.9	3.4	10.0	8.2	11.0	3.6	22.8	5.6	1114
TOTALS		10.0	5.0	7.2	7.9	6.4	5.7	6.4	8.0	11.5	6.4	25.6	6.0	8910

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 59-70 PERIOD | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	29.5	7.2	8.2	9.3	5.8	3.2	4.7	5.2	6.5	2.1	18.3	4.1	1116
	03-05	26.3	6.2	6.0	7.4	5.8	4.8	4.6	5.7	7.1	3.4	20.4	4.5	1115
	06-08	12.9	0.5	6.1	6.6	5.4	5.4	4.7	6.7	8.3	7.2	30.3	6.0	1116
	09-11	13.8	5.0	6.4	6.2	6.8	5.7	5.3	7.7	11.6	7.8	24.6	5.9	1116
	12-14	2.5	3.3	5.1	7.4	9.2	11.6	5.7	11.2	14.5	7.3	22.0	6.5	1116
	15-17	4.0	4.7	5.7	8.9	8.3	6.7	5.4	10.1	13.5	7.2	22.4	6.4	1115
	18-20	10.2	5.6	5.2	5.7	6.9	4.1	6.3	7.7	12.0	6.6	29.3	6.2	1116
	21-23	20.9	5.7	8.1	8.2	6.5	5.2	7.1	7.9	7.9	2.7	19.9	4.8	1116
TOTALS		14.9	5.5	6.6	7.5	6.8	5.8	5.5	7.8	10.2	5.5	23.8	5.6	8926

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 59-70 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	42.2	5.2	6.0	5.6	2.4	2.3	3.1	3.6	4.6	1.9	23.0	3.8	1080
	03-05	35.7	5.5	7.6	6.0	4.2	1.9	3.1	3.3	4.4	3.1	25.2	4.2	1080
	06-08	22.4	6.8	7.4	5.4	4.7	3.0	1.7	4.8	7.3	5.6	30.9	5.3	1080
	09-11	21.3	6.7	6.6	6.6	5.7	3.9	3.1	5.2	8.1	4.8	24.1	5.3	1080
	12-14	11.6	6.2	6.5	7.0	8.1	6.5	5.8	8.5	8.2	5.6	25.8	5.8	1080
	15-17	14.6	7.9	6.9	6.4	6.9	5.2	5.2	7.4	7.5	5.0	27.0	5.5	1080
	18-20	25.8	8.0	6.1	4.2	3.5	4.1	4.3	6.0	6.2	4.4	27.5	5.0	1080
	21-23	39.9	5.2	6.2	4.9	3.6	1.9	5.0	3.9	5.0	1.8	22.7	4.0	1080
TOTALS		26.7	6.4	6.7	5.8	4.9	3.6	3.9	5.3	6.4	4.0	26.3	4.9	6640

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13829 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 59-70 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	45.7	6.5	6.5	3.6	2.4	1.3	2.9	3.3	3.3	1.7	22.6	3.6	1116
	03-05	42.5	7.1	6.0	5.1	3.3	1.6	3.6	3.0	3.0	2.2	22.7	3.7	1116
	06-08	29.3	8.0	6.2	5.1	3.4	2.5	2.6	2.5	4.7	4.9	30.7	4.8	1116
	09-11	30.9	6.2	5.9	5.7	3.8	3.1	2.2	4.5	5.7	5.0	27.0	4.7	1116
	12-14	27.0	7.6	5.7	5.5	4.1	3.9	3.9	5.5	6.1	4.8	25.9	4.8	1116
	15-17	28.8	8.9	6.4	6.1	5.3	3.0	3.1	4.4	7.3	3.2	23.7	4.5	1116
	18-20	35.4	8.9	6.8	5.7	3.9	3.4	4.1	3.8	4.8	2.3	20.8	3.9	1115
	21-23	44.3	7.1	6.8	4.2	2.8	2.1	3.8	3.5	2.8	2.2	20.5	3.5	1114
TOTALS		35.5	7.5	6.3	5.2	3.6	2.6	3.3	3.8	4.7	3.3	24.2	4.2	8925

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 58-72 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	35.9	4.1	4.1	4.4	3.4	1.7	3.0	3.9	4.6	2.7	32.1	4.8	1170
	03-05	33.3	3.0	5.4	2.6	3.3	2.9	3.9	4.0	4.4	2.7	34.9	5.1	1169
	06-08	22.2	6.1	4.5	3.8	3.2	1.7	3.1	4.4	5.6	6.7	33.8	5.9	1169
	09-11	18.8	7.3	4.3	3.4	3.6	2.3	2.7	5.[illegible]	5.8	5.8	40.[illegible]	6.1	1168
	12-14	19.[illegible]	5.8	3.9	4.3	4.3	3.5	3.3	4.5	6.9	5.0	36.4	6.0	1169
	15-17	19.0	7.3	4.9	6.0	4.2	3.0	3.4	4.3	6.5	6.0	35.4	5.8	1168
	18-20	30.1	6.2	4.2	4.7	3.6	2.5	2.4	5.1	5.0	4.5	31.6	5.0	1170
	21-23	35.8	2.7	3.8	4.9	3.3	2.6	3.3	4.6	5.3	4.8	30.9	4.8	1169
TOTALS		26.9	5.3	4.4	4.3	3.6	2.5	3.1	4.6	5.5	4.5	35.3	5.4	9352

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 58-70 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	31.3	3.9	4.7	2.4	1.7	1.9	2.4	2.2	3.2	2.2	44.1	5.5	1209
	03-05	31.8	2.3	3.3	2.6	1.7	1.1	1.9	2.7	2.7	2.6	47.3	5.8	1209
	06-08	22.1	3.7	4.3	2.6	2.4	1.6	1.6	2.6	5.4	3.1	50.6	6.4	1208
	09-11	17.3	6.0	3.1	3.5	2.0	1.8	2.2	2.9	5.0	5.5	50.2	6.7	1209
	12-14	16.5	5.5	3.8	3.7	3.1	2.6	2.9	3.7	6.9	4.2	47.0	6.6	1209
	15-17	14.9	7.2	3.9	4.2	2.6	2.2	2.7	4.1	6.4	6.3	45.4	6.6	1208
	18-20	21.2	6.2	4.6	2.7	2.4	1.7	3.5	3.1	5.2	4.3	45.0	6.2	1209
	21-23	29.4	4.3	5.3	2.6	2.2	1.7	2.7	2.6	3.1	2.7	44.3	5.7	1209
TOTALS		22.9	4.9	4.1	3.0	2.3	1.8	2.5	3.0	4.8	3.9	46.7	6.2	9670

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

E

Continued on Reverse

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

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

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

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

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

74-29966

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13825 COLUMBUS AFB MISSISSIPPI 42-46, 58-74
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR.	APR	MAY	JUN	JUL.	AUG.	SEP	OCT	NOV	DEC.	ANNUAL
≥ 105								.2					.0
≥ 100						.7	3.4	1.9					.5
≥ 95					1.2	15.0	21.0	14.2	3.8				4.6
≥ 90				.3	14.5	49.8	62.4	53.9	27.0	1.0			17.4
≥ 85			1.0	11.6	41.1	79.1	87.9	88.2	57.8	14.0			31.7
≥ 80	.6	.9	9.0	38.1	68.0	92.3	97.4	98.2	79.3	39.7	3.7		44.0
≥ 75	2.3	4.4	20.5	57.6	83.4	98.0	99.7	99.8	90.5	61.9	17.3	2.0	53.3
≥ 70	9.7	13.7	38.7	77.3	94.5	99.5	100.0	100.0	96.8	78.9	35.2	8.4	62.9
≥ 65	19.1	25.7	56.8	88.7	98.5	100.0			99.3	91.5	53.7	18.0	71.1
≥ 60	31.5	41.2	71.6	94.8	100.0				100.0	96.5	68.7	33.2	78.3
≥ 55	45.9	57.6	81.6	99.4						99.0	80.5	48.8	84.5
≥ 50	59.3	74.5	90.5	99.8						100.0	90.3	66.2	90.1
≥ 45	73.3	86.3	95.5								97.3	80.0	94.4
≥ 40	84.8	94.2	98.1	100.0							99.7	91.1	97.3
≥ 35	93.2	98.4	99.8								99.8	97.5	99.1
≥ 30	97.7	99.6									100.0	99.7	99.7
≥ 25	99.0	100.0	100.0									99.8	99.9
≥ 20	99.4												99.9
≥ 15	99.8											100.0	100.0
≥ 10	100.0												100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	52.6	56.7	65.1	75.3	82.1	88.7	90.6	89.7	84.7	76.0	64.2	54.2	73.3
S.D	12.290	10.798	11.113	8.144	7.070	5.894	5.122	4.536	6.881	7.955	10.070	10.670	16.182
TOTAL OBS	619	549	620	630	650	607	620	620	600	620	630	651	7416

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-[illegible] 78-74 (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
≥ 75					.2	4.1	9.0	6.6	1.0				1.7
≥ 70				1.0	5.1	43.5	71.9	62.3	26.0	1.5			17.5
≥ 65		.2	1.6	7.3	31.4	77.6	94.0	88.4	55.7	8.9	1.7	.2	30.5
≥ 60	1.5	2.0	7.9	26.5	58.3	92.8	98.9	96.9	73.3	22.1	5.2	1.5	40.6
≥ 55	6.1	5.6	16.8	46.2	76.9	98.0	100.0	99.8	87.0	37.9	11.1	5.7	49.4
≥ 50	11.3	11.7	31.0	64.1	89.7	99.3		100.0	94.8	54.2	23.0	11.5	57.7
≥ 45	18.4	22.2	43.7	79.0	97.5	99.8			98.7	71.8	37.0	19.5	65.8
≥ 40	28.3	33.7	61.0	92.1	99.7	100.0			99.5	87.4	54.0	32.6	74.2
≥ 35	41.4	50.6	79.4	98.6	100.0				100.0	96.9	72.5	48.7	82.5
≥ 33	48.8	59.7	84.2	99.5						98.4	78.6	55.8	85.5
≥ 30	62.4	71.8	92.9	100.0						100.0	88.6	69.7	90.5
≥ 25	80.6	83.7	97.3								97.5	87.7	96.0
≥ 20	91.4	96.4	99.5								99.7	94.9	98.5
≥ 15	95.5	98.9	100.0								100.0	98.9	99.4
≥ 10	98.2	100.0										99.7	99.8
≥ 5	99.0											99.8	99.9
≥ 0	99.8											100.0	100.0
≥ -5	100.0												100.0
MEAN	33.7	36.0	43.6	52.7	59.9	67.7	70.6	69.8	63.8	51.0	41.4	35.5	52.1
S D	11.741	10.376	10.443	8.851	7.152	5.194	3.305	4.103	7.476	9.510	10.195	10.447	15.923
TOTAL OBS	619	549	620	630	650	607	620	620	600	620	630	651	7416

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46, 58-74 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 90						.2		.2					.0
≥ 85						8.1	16.0	8.2	1.2				2.8
≥ 80				.3	7.4	46.0	67.9	58.7	24.3	.5			17.0
≥ 75			.6	5.7	34.5	80.4	95.2	92.1	56.2	8.1	.6		31.1
≥ 70	.2	.9	7.9	27.9	64.9	94.4	99.2	99.7	78.7	25.0	4.0	.3	42.0
≥ 65	3.1	4.0	17.4	52.7	84.0	99.3	100.0	100.0	92.0	48.1	13.2	2.6	51.5
≥ 60	10.2	11.3	32.9	75.1	94.2	100.0			97.8	69.5	25.2	8.9	60.6
≥ 55	16.2	21.3	51.5	88.3	99.2				99.2	87.4	43.2	17.2	68.8
≥ 50	27.6	34.1	67.3	95.7	100.0				100.0	96.6	64.3	29.6	76.5
≥ 45	43.5	57.2	82.9	99.7						100.0	79.8	48.2	84.4
≥ 40	62.8	77.6	92.4	99.8							93.2	73.0	91.6
≥ 35	80.0	89.4	97.7	100.0							98.7	87.1	96.1
≥ 30	90.3	96.5	99.7								99.8	95.9	98.5
≥ 25	96.1	99.5	99.8									99.1	99.5
≥ 20	98.4	100.0	100.0								100.0	99.7	99.8
≥ 15	99.4											99.8	99.9
≥ 10	99.5											100.0	100.0
≥ 5	100.0												100.0
MEAN	43.3	46.5	54.5	64.2	71.2	78.4	80.8	80.0	74.5	63.7	53.0	45.0	62.9
S D	11.122	9.751	9.997	7.570	6.386	4.870	3.700	3.667	6.383	7.600	9.321	9.636	15.613
TOTAL OBS	619	549	620	630	650	607	620	620	600	6,	630	651	7416

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13825 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 42-46, 58-74 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	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*	87							
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	93	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
MEAN	73.3	73.7	81.4	86.5	91.5	96.4	97.9	96.6	93.2	87.6	80.2	72.6	99.2
S.D	3.181	4.955	3.807	1.940	3.092	3.613	3.281	3.733	3.122	2.350	2.548	4.249	2.898
TOTAL OBS.	619	549	620	630	650	607	620	620	600	620	630	651	7416

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

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

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

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13825 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 42-46, 58-74 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	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*	49							
58											25	14	
59	11	22	31	35	48	62	67	65	59	41	20	28	11
60	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	46	56	61	60	44	30	21	19	12
66	-2	18	24	35	41	43	60	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
MEAN	13.1	18.5	27.2	36.0	45.0	56.6	61.8	60.2	48.3	34.3	24.3	19.0	11.8
S D	7.188	4.110	5.451	2.906	4.318	5.652	3.291	3.558	6.373	3.582	3.649	5.805	6.356
TOTAL OBS.	619	549	620	630	650	607	620	620	600	620	630	62	7416

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,58-74 YEARS | ALL MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																.0		2	2		
104/103													.0	.0	.0	.0		10	10		
102/101												.0	.0	.0	.0	.0		27	27		
100/ 99									.0	.0	.0	.0	.0	.0	.0	.0	.0	112	112		
98/ 97								.0	.0	.0	.1	.0	.0	.0	.0	.0		287	287		
96/ 95						.0	.0	.0	.1	.1	.1	.0	.0	.0	.0			703	703		
94/ 93						.0	.0	.1	.2	.2	.1	.0	.0	.0	.0			1764	1764		
92/ 91					.0	.0	.1	.3	.3	.2	.1	.0	.0	.0				2111	2111		
90/ 89				.0	.0	.1	.4	.5	.4	.2	.1	.0	.0	.0	.0			3109	3109		
88/ 87				.0	.1	.3	.6	.4	.3	.2	.1	.0	.0	.0				3627	3627		
86/ 85		.0	.0	.0	.3	.6	.5	.4	.3	.2	.1	.0	.0	.0				4250	4250	2	
84/ 83		.0	.0	.2	.5	.5	.4	.3	.2	.2	.1	.0	.0	.0				4574	4574	21	2
82/ 81	.0	.0	.2	.6	.6	.4	.3	.3	.2	.1	.1	.1	.0					5090	5094	288	16
80/ 79	.0	.1	.5	.9	.5	.4	.3	.3	.2	.1	.1	.0	.0	.0				5979	5985	1611	139
78/ 77	.1	.4	1.1	.8	.5	.3	.3	.2	.2	.1	.1	.0	.0					6913	6902	5025	629
76/ 75	.1	1.0	1.5	.8	.4	.4	.3	.2	.1	.1	.1	.0	.0					8576	8546	8456	2838
74/ 73	.2	1.8	1.3	.7	.4	.3	.2	.2	.1	.1	.0	.0	.0					9387	9411	11102	7044
72/ 71	.2	1.9	1.2	.6	.4	.3	.2	.1	.1	.1	.0	.0	.0					9247	9293	12147	11458
70/ 69	.2	1.5	1.3	.6	.4	.2	.2	.2	.1	.1	.0	.0						8454	8501	10909	12036
68/ 67	.2	1.4	1.2	.5	.3	.2	.2	.2	.1	.1	.0	.0						7546	7573	9583	10227
66/ 65	.2	1.3	1.0	.5	.3	.2	.2	.2	.1	.0	.0							7036	7083	8918	9285
64/ 63	.2	1.3	.7	.4	.2	.2	.2	.2	.1	.0	.0							6334	6374	8105	8279
62/ 61	.2	1.3	.6	.4	.3	.2	.2	.2	.1	.0								5974	6024	7487	7855
60/ 59	.2	1.2	.5	.4	.3	.2	.2	.2	.1	.0								6101	6170	9878	7677
58/ 57	.2	1.1	.6	.3	.3	.2	.2	.1	.0	.0								5305	5378	6259	6880
56/ 55	.2	1.1	.5	.4	.3	.3	.2	.1	.0	.0								5383	5469	6044	6225
54/ 53	.1	.9	.6	.4	.3	.3	.2	.1	.0									5070	5130	5595	5371
52/ 51	.2	.9	.6	.4	.4	.3	.2	.0		.0								5010	5087	5376	5139
50/ 49	.2	.9	.6	.4	.4	.3	.1	.0										5109	5167	5594	5025
48/ 47	.1	1.0	.6	.5	.4	.2	.1	.0										4844	4895	5632	4974
46/ 45	.1	1.0	.6	.5	.3	.2	.1	.0										4680	4749	5724	5070
44/ 43	.1	.8	.7	.4	.3	.1	.0	.0										4372	4415	5287	4763
42/ 41	.2	.9	.7	.4	.3	.1	.0	.0										4302	4361	5246	4794
40/ 39	.1	.9	.8	.4	.2	.0	.0											4166	4204	5405	4662

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 201 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,58-74 YEARS | ALL MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
38/ 37	.1	.9	.6	.3	.1	.0												3632	3665	4743	4793
36/ 35	.1	.8	.6	.3	.1	.0												3230	3253	4394	5039
34/ 33	.1	.8	.5	.2	.0	.0												2756	2775	3916	4757
32/ 31	.1	.7	.4	.2	.0													2463	2477	3568	4600
30/ 29	.1	.6	.4	.1	.0													2037	2048	2739	4414
28/ 27	.1	.5	.2	.1	.0													1504	1520	2442	3399
26/ 25	.0	.4	.2	.0														1031	1036	1764	3484
24/ 23	.0	.2	.1	.0														650	651	1196	2703
22/ 21	.0	.2	.1	.0														489	489	752	2258
20/ 19	.0	.1	.0															322	322	527	1695
18/ 17	.0	.1	.0															223	223	340	1659
16/ 15	.0	.1	.0															149	149	219	1141
14/ 13	.0	.0	.0															80	80	140	922
12/ 11	.0	.0	.0															49	49	66	644
10/ 9	.0	.0	.0															39	39	46	521
8/ 7	.0	.0																28	28	34	379
6/ 5	.0	.0																19	19	27	224
4/ 3	.0	.0																22	24	23	154
2/ 1	.0	.0																15	15	16	86
0/ -1		.0																1	1	5	74
-2/ -3	.0	.0																4	4	5	48
-4/ -5																					27
-6/ -7																					10
-8/ -9																					10
-10/-11																					10
-12/-13																					6
-14/-15																					3
TOTAL	4.1	28.1	20.5	12.7	9.0	7.0	5.9	4.8	3.5	2.4	1.2	.5	.2	.0	.0	.0	.0	174761		173646	
																		173646	173646		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	954458620	12431226	71.6	19.271	173643							
Dry Bulb	729771578	10886488	62.3	17.185	174761	.2	457.2	2110.2	2836.6	436.9	123.2	8760
Wet Bulb	594944779	9815067	56.5	15.208	173646	.5	700.9	3004.3	1353.5	45.5		8760
Dew Point	517923157	8012151	51.9	17.002	173646	9.6	1444.2	2261.2	545.0	3.5		8760

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

FORM 101 64 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13895 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 63-66,69-74 YEARS — JAN MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81									.0									3	3		
80/ 79							.0	.0	.0									8	8		
78/ 77						.0	.0	.0										11	11		
76/ 75				.0	.0	.0	.0	.0										21	21		
74/ 73		.0	.0	.0	.1	.1	.1	.0		.0								38	38		
72/ 71			.0	.1	.2	.1	.1	.0	.0	.0	.0							76	76	2	1
70/ 69	.0	.1	.2	.3	.2	.2	.1	.1	.1	.0	.0							184	184	5	2
68/ 67	.0	.2	.2	.3	.2	.1	.1	.1	.1	.0	.0	.0						214	214	27	26
66/ 65	.0	.3	.5	.3	.2	.2	.1	.1	.0	.0	.0							297	297	111	47
64/ 63	.1	.7	.5	.4	.1	.2	.1	.1	.1	.0								337	337	209	80
62/ 61	.1	1.1	.4	.4	.2	.2	.2	.1	.1	.0								414	422	346	184
60/ 59	.2	1.2	.5	.3	.3	.2	.2	.1	.1									490	499	356	228
58/ 57	.2	1.0	.5	.3	.4	.3	.2	.1	.1									455	472	392	297
56/ 55	.2	1.2	.5	.5	.3	.3	.3	.2										525	531	462	352
54/ 53	.2	1.0	.5	.5	.5	.4	.2	.2	.0									527	527	388	342
52/ 51	.2	1.3	.4	.5	.5	.4	.3	.1		.0								590	595	410	341
50/ 49	.4	1.8	.8	.7	.6	.4	.2	.0										725	728	582	387
48/ 47	.4	1.6	1.1	.6	.7	.5	.2	.0										748	748	682	462
46/ 45	.2	1.7	1.2	.9	.7	.4	.1	.0										753	755	740	542
44/ 43	.1	1.7	1.5	.8	.6	.4	.0											754	755	647	461
42/ 41	.4	2.2	1.2	.9	.6	.2	.0											824	831	851	505
40/ 39	.4	1.8	1.5	1.2	.7	.1	.0											838	840	965	676
38/ 37	.4	2.0	1.3	1.3	.4	.1												878	881	843	750
36/ 35	.3	2.0	1.9	1.0	.3													821	825	979	742
34/ 33	.3	2.2	1.8	.8	.1													755	761	892	723
32/ 31	.4	2.4	1.5	.6	.1													746	746	1012	796
30/ 29	.3	2.4	1.5	.5	.0													692	692	795	827
28/ 27	.3	2.1	1.1	.2	.0													539	539	779	712
26/ 25	.1	1.6	.7	.1														370	370	634	833
24/ 23	.1	1.1	.6	.0														271	271	434	746
22/ 21	.2	.9	.4	.0														217	217	301	670
20/ 19	.1	.7	.3															157	157	226	582
18/ 17	.0	.5	.2															98	98	162	494
16/ 15	.1	.4	.1															86	86	113	344

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13	.1	.3	.0															52	52	86	304
12/ 11	.1	.2	.0															40	40	52	244
10/ 9	.0	.2	.0															33	33	35	216
8/ 7	.0	.1																20	20	27	153
6/ 5	.0	.1																18	18	22	89
4/ 3	.0	.1																15	17	16	90
2/ 1	.0	.1																15	15	16	50
0/ -1		.0																1	1	5	33
-2/ -3	.0	.0																4	4	5	30
-4/ -5																					20
-6/ -7																					10
-8/ -9																					9
-10/-11																					10
-12/-13																					6
-14/-15																					3
TOTAL	6.4	38.9	23.5	13.6	8.1	5.0	2.7	1.4	.6	.1	.0	.0						14695		14619	
																		14619		14619	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8936440	1049952	71.8	18.412	14619							
Dry Bulb	29542424	629682	42.9	13.201	14695	.3	170.9	28.1	4.1	.3		744
Wet Bulb	24428055	570197	39.0	12.235	14619	.5	240.2	3.3				744
Dew Point	19395650	489356	33.5	14.361	14619	6.2	376.0	1.5				744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | FEB 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
84/ 83												.0						3	3		
82/ 81							.0				.0							2	2		
80/ 79					.0	.0	.1	.0		.0		.0						18	18		
78/ 77					.0	.0	.0	.0	.0									16	16		
76/ 75				.0	.1	.1	.0	.0	.0	.0								46	46		
74/ 73			.0	.1	.1	.1	.1	.1	.1	.0		.0						74	74		
72/ 71		.0	.1	.1	.1	.2	.2	.1	.1		.0							106	106	1	
70/ 69		.1	.2	.2	.2	.2	.2	.2	.1	.1	.0							192	192	24	
68/ 67	.0	.3	.3	.2	.2	.2	.2	.1	.1	.1	.0	.0						223	223	90	30
66/ 65	.1	.6	.5	.2	.3	.3	.2	.1	.2	.0	.0							311	311	127	77
64/ 63	.3	1.0	.3	.2	.2	.3	.1	.3	.2	.1								362	362	195	142
62/ 61	.4	.8	.3	.4	.3	.1	.3	.4	.3	.0								413	413	338	220
60/ 59	.4	1.0	.6	.3	.4	.3	.5	.3	.2	.0								503	505	314	280
58/ 57	.1	1.3	.4	.3	.2	.4	.5	.4	.1	.0								484	485	365	208
56/ 55	.1	1.3	.5	.4	.4	.7	.7	.3	.0	.0								586	587	426	318
54/ 53	.2	1.2	.5	.3	.6	.7	.5	.2	.0									597	598	417	385
52/ 51	.4	1.3	.8	.7	.7	.8	.3	.1										689	689	424	350
50/ 49	.0	1.4	.9	.7	.5	.7	.5	.1										753	754	582	422
48/ 47	.4	1.7	1.1	1.1	1.0	.7	.3	.1										836	837	712	435
46/ 45	.3	1.7	1.3	1.1	.8	.4	.2	.0										767	775	864	455
44/ 43	.2	1.4	1.5	1.3	.8	.4	.1	.0										732	735	790	460
42/ 41	.3	1.6	1.7	1.2	.7	.3	.1											764	764	868	506
40/ 39	.3	1.8	1.9	.8	.7	.3												755	755	923	547
38/ 37	.3	1.9	1.5	1.0	.5	.1												688	689	941	599
36/ 35	.2	2.1	1.7	.8	.5	.0												688	688	853	764
34/ 33	.2	2.0	1.2	.3	.2													544	544	778	22
32/ 31	.1	1.7	1.2	.6	.2													479	479	740	814
30/ 29	.2	1.5	1.3	.4	.0													437	437	586	854
28/ 27	.2	1.2	.9	.3														328	328	492	721
26/ 25	.1	.9	.6	.1														227	227	413	698
24/ 23		.7	.4	.0														140	140	279	506
22/ 21	.1	.4	.2	.0														94	94	192	356
20/ 19	.0	.3	.1															56	56	118	440
18/ 17	.0	.2	.1															48	48	81	439

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (GL A) 208 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | FEB MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15	.0	.1	.0															22	22	48	270
14/ 13	.0	.1	.0															14	14	24	257
12/ 11	.0	.0																3	3	7	170
10/ 9		.0																1	1	3	142
8/ 7																					147
6/ 5																					89
4/ 3																					42
2/ 1																					13
0/ -1																					13
-2/ -3																					9
-4/ -5																					1
TOTAL	5.1	31.5	22.2	13.8	10.2	7.1	5.3	2.9	1.4	.4	.1	.0							13020		13001
																		13001		13001	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	66001766	886662	68.2	20.628	13001							
Dry Bulb	29575691	599721	46.1	12.244	13020		95.4	35.1	8.2	.7		672
Wet Bulb	23839059	537455	41.3	11.166	13001		153.2	5.9				672
Dew Point	18291752	453426	34.9	12.806	13001	1.2	309.1	1.6				672

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
88/ 87										.0	.0	.0						5	5		
86/ 85								.0	.0	.0	.0		.0	.0				14	14		
84/ 83							.0	.0	.1	.1	.0		.0	.0				40	40		
82/ 81						.0	.1	.1	.1	.0	.1	.1	.0					91	91		
80/ 79					.0	.1	.2	.1	.2	.1	.1	.0						134	134		
78/ 77				.0	.2	.3	.3	.2	.2	.2	.1	.0						217	217		
76/ 75			.0	.1	.2	.4	.2	.3	.2	.2	.1	.1						252	252		
74/ 73		.0	.1	.4	.4	.2	.3	.3	.1	.2	.1	.1						333	333	1	
72/ 71		.1	.4	.5	.5	.3	.3	.2	.2	.2	.1	.1						415	415	33	3
70/ 69	.0	.1	.6	.6	.5	.4	.4	.2	.3	.4	.1	.0						532	532	156	17
68/ 67	.0	.5	.8	.6	.6	.4	.3	.3	.4	.3	.1							631	631	351	88
66/ 65	.0	.8	1.0	.6	.5	.5	.4	.3	.3	.2	.0							694	694	473	263
64/ 63	.2	1.2	.7	.7	.4	.4	.5	.4	.4	.1	.0							748	748	549	388
62/ 61	.2	1.4	.9	.6	.5	.4	.6	.5	.4	.0								801	801	725	488
60/ 59	.4	1.4	.9	.7	.7	.6	.7	.6	.2	.0								923	923	790	603
58/ 57	.5	1.5	.8	.4	.6	.6	.6	.4	.1	.0								833	835	862	655
56/ 55	.4	1.1	.9	.6	.9	.7	.6	.3	.0									836	836	740	717
54/ 53	.4	1.0	.8	.8	.6	.7	.5	.2	.0									749	749	801	613
52/ 51	.4	1.1	1.0	.8	.8	.7	.5	.1										806	808	817	602
50/ 49	.2	1.0	1.0	.9	.8	.7	.3	.0										731	732	866	607
48/ 47	.1	1.0	1.0	1.0	.8	.5	.2	.0										682	685	935	532
46/ 45	.1	1.2	1.1	1.0	.6	.4	.1											683	687	912	594
44/ 43	.2	1.2	1.4	.9	.6	.3	.0											672	674	865	636
42/ 41	.1	1.1	1.4	.7	.5	.2	.0											597	587	896	678
40/ 39	.1	1.0	1.5	.7	.4	.0	.0											558	558	890	751
38/ 37	.2	1.2	.9	.5	.2	.0												427	427	684	748
36/ 35	.2	1.1	.8	.4	.1	.0												395	395	660	876
34/ 33	.1	1.0	.8	.3	.0	.0												319	319	528	777
32/ 31	.0	1.0	.6	.2	.0													273	273	424	817
30/ 29	.0	.5	.3	.1	.0													128	128	304	785
28/ 27	.0	.3	.1	.0														70	70	202	513
26/ 25	.0	.2	.1	.0														52	52	94	559
24/ 23	.0	.2	.0	.0														42	42	70	377
22/ 21	.0	.1	.1															13	13	41	281

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19		.0	.0															10	10	11	250
18/ 17		.1	.0															14	14	12	183
16/ 15		.0																2	2	17	115
14/ 13																				3	67
12/ 11																					34
10/ 9																					38
8/ 7																					27
6/ 5																					11
4/ 3																					10
2/ 1																					6
0/ -1																					3
TOTAL	4.3	22.8	20.0	14.2	11.4	9.1	7.0	4.6	3.2	2.0	1.0	.4	.1	.0					14726		14712
																		14712		14712	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	70551459	970913	66.0	20.982	14712							
Dry Bulb	45784244	799794	54.3	12.622	14726		30.5	134.6	54.9	11.1		744
Wet Bulb	35944519	709085	48.2	10.963	14712		59.6	27.4	.1			744
Dew Point	28166460	613336	41.7	13.286	14712	.2	206.1	5.5				744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91											.0							2	2		
90/ 89										.0	.0							7	7		
88/ 87							.0	.0	.0	.1	.1	.0	.0					42	42		
86/ 85				.0	.0	.1	.2	.1	.4	.2	.1	.1	.1					167	167		
84/ 83					.1	.1	.3	.4	.5	.2	.3	.1	.0	.0				297	297		
82/ 81			.0	.0	.1	.2	.6	.6	.5	.4	.3	.2	.0					416	416		
80/ 79			.0	.1	.3	.6	.6	.5	.4	.4	.3	.1	.0	.0				479	479	1	
78/ 77		.0	.1	.2	.7	.6	.6	.4	.5	.4	.3	.2	.0					558	558	4	
76/ 75		.1	.2	.6	.8	.6	.5	.4	.5	.5	.2	.1	.0					631	631	51	3
74/ 73	.0	.2	.5	.7	.8	.6	.5	.6	.4	.4	.1		.0					697	697	127	33
72/ 71	.0	.4	.8	1.1	.8	.6	.6	.4	.5	.3	.2	.0	.0					824	824	286	95
70/ 69	.1	.8	1.6	1.1	.7	.6	.7	.7	.4	.3	.0							1012	1012	726	203
68/ 67	.4	1.3	2.1	.9	.8	.6	.6	.6	.4	.1	.0							1094	1094	920	445
66/ 65	.6	2.2	1.9	.8	.7	.6	.5	.4	.3	.1	.0							1167	1167	1215	755
64/ 63	.6	2.3	1.1	.7	.7	.7	.5	.4	.2	.0								1023	1023	1379	1100
62/ 61	.5	2.0	.9	.7	.7	.6	.5	.3	.2	.0								898	898	1215	1102
60/ 59	.4	1.6	1.0	.9	.8	.5	.4	.3	.0	.0								843	843	1131	1068
58/ 57	.1	1.1	1.2	.9	.5	.4	.4	.2	.0									699	699	1036	895
56/ 55	.1	1.1	1.1	.9	.6	.4	.3	.1										651	651	972	744
54/ 53	.1	1.2	1.1	.9	.5	.4	.2	.0										633	633	919	699
52/ 51	.1	.9	1.0	.7	.5	.2	.0	.0										502	502	909	825
50/ 49	.1	.8	1.0	.6	.3	.1	.0											409	409	779	826
48/ 47	.1	.8	.6	.4	.2	.0	.0											320	320	657	794
46/ 45	.2	.7	.7	.4	.1	.0												288	288	569	793
44/ 43	.1	.6	.4	.2	.1	.0												213	213	452	736
42/ 41	.1	.6	.3	.2	.0													177	177	364	675
40/ 39	.1	.3	.3	.1	.0													106	106	253	575
38/ 37	.1	.3	.2	.0														69	69	138	462
36/ 35	.0	.2	.0	.0														37	37	101	432
34/ 33	.0	.1	.0															11	11	57	333
32/ 31		.0																2	2	13	248
30/ 29																					197
28/ 27																					113
26/ 25																					60

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,50-74 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
24/ 23																					26
22/ 21																					14
20/ 19																					11
18/ 17																					9
16/ 15																					2
14/ 13																					1
TOTAL	3.7	19.6	18.2	13.1	10.7	8.8	8.0	6.4	5.2	3.4	2.0	.8	.2	.0				14274	14274	14274	14274

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	70331904	958376	67.2	20.464	14272							
Dry Bulb	60637761	917583	64.3	10.759	14274		.1	314.0	166.3	59.9		720
Wet Bulb	47850507	816811	57.2	8.817	14274		.7	106.7	9.2			720
Dew Point	39810362	737808	51.7	10.829	14274		34.4	39.3	1.8			720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-74 YEARS | MAY MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95											.0	.1	.0					14	14		
94/ 93									.0	.0	.1	.2	.0					54	54		
92/ 91								.0	.2	.2	.4	.1	.0					156	156		
90/ 89							.0	.2	.5	.6	.4	.1	.0		.0			287	287		
88/ 87						.0	.3	.7	.8	.5	.3	.1	.0	.0				438	438		
86/ 85					.0	.2	.6	1.0	.7	.5	.2	.1	.0	.0				529	529		
84/ 83				.0	.3	.7	1.1	.9	.5	.5	.3	.1	.0					679	679		
82/ 81			.0	.1	.7	1.0	1.2	.7	.6	.4	.2	.1	.0					768	768		
80/ 79			.1	.6	.9	1.1	.8	.8	.6	.3	.1	.0						814	814	2	
78/ 77		.0	.3	1.2	1.3	.9	.8	.5	.4	.2	.0	.0						878	878	32	2
76/ 75		.1	.9	1.6	1.1	.9	.6	.3	.3	.2	.1	.0						924	924	312	8
74/ 73	.0	.4	1.6	1.9	1.0	.7	.3	.4	.3	.1	.0							1048	1048	910	86
72/ 71	.1	1.4	2.2	1.5	1.1	.6	.4	.3	.2	.1	.0							1213	1213	1461	411
70/ 69	.3	2.7	3.0	1.1	.7	.3	.3	.2	.2	.0		.0						1377	1380	1795	972
68/ 67	.5	3.3	2.5	.9	.5	.3	.2	.2	.1									1310	1310	2010	1651
66/ 65	.8	3.0	1.8	.7	.5	.3	.2	.2	.0	.0								1145	1154	2000	2129
64/ 63	.7	2.4	1.1	.7	.3	.2	.1	.1	.0									852	865	1598	1843
62/ 61	.5	1.9	.8	.5	.3	.1	.1	.0	.0									656	664	1192	1514
60/ 59	.3	1.6	.8	.4	.2	.1	.0	.0										526	538	939	1344
58/ 57	.2	1.4	.7	.4	.1	.1	.0											462	468	742	1098
56/ 55	.3	1.2	.5	.4	.1	.0	.0											377	391	707	879
54/ 53	.1	.9	.5	.2	.0	.0		.0										267	277	505	728
52/ 51	.2	.6	.4	.1	.0	.0	.0											203	209	379	610
50/ 49	.2	.5	.3	.1	.0													176	177	325	531
48/ 47	.1	.3	.1	.0	.0													86	88	186	456
46/ 45	.1	.2	.1															52	52	130	358
44/ 43	.0	.1	.1															27	27	64	217
42/ 41	.0	.1	.0															22	22	32	193
40/ 39		.0																5	5	19	157
38/ 37	.0																	1	1	6	91
36/ 35																					32
34/ 33																					15
32/ 31																					5
30/ 29																					7

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-74 YEARS | MAY MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
28/ 27																					4
26/ 25																					1
22/ 21																					2
20/ 19																					2
TOTAL	4.4	22.2	17.8	12.5	9.1	7.7	7.1	6.7	5.5	3.6	2.2	.9	.2	.0	.0			15346	15430	15346	15346

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	83370409	1093141	71.2	19.278	15346							
Dry Bulb	79262367	1095203	71.0	9.946	15430			505.9	317.7	162.7	3.3	744
Wet Bulb	63832810	984008	64.1	6.929	15346			316.2	60.9			744
Dew Point	61186634	920824	60.0	7.799	15346		1.0	151.7	4.7			744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
104/103														.0					1	1		
102/101												.0	.0	.0	.0				5	5		
100/ 99										.0	.0	.0	.0	.0					17	17		
98/ 97								.0	.0	.1	.2	.1	.1	.0	.0	.0			63	63		
96/ 95							.0	.0	.2	.3	.4	.2	.1	.0	.0				207	207		
94/ 93						.0	.0	.3	.6	.8	.4	.1	.1	.0	.0				337	337		
92/ 91						.1	.4	.8	1.0	.9	.3	.1	.1	.0					522	522		
90/ 89					.0	.3	.6	1.5	1.2	.8	.5	.1	.0						740	740		
88/ 87				.0	.2	.7	1.7	1.4	.8	.5	.2	.0	.0						771	771		
86/ 85			.0	.0	.8	1.6	1.5	.9	.5	.5	.2	.0							852	852		
84/ 83			.1	.5	1.3	1.6	1.0	.5	.4	.3	.1								804	804	5	
82/ 81		.0	.4	1.2	1.7	1.4	.6	.4	.4	.1	.1	.0							880	880	46	
80/ 79		.1	1.2	2.4	1.5	.9	.5	.2	.3	.1	.0								1009	1009	326	16
78/ 77		.4	2.4	2.7	1.1	.5	.3	.2	.1	.0	.0	.0							1079	1079	971	90
76/ 75	.1	1.4	3.8	2.2	.7	.4	.2	.1	.0	.0	.0								1251	1252	1797	492
74/ 73	.2	3.3	3.7	1.4	.5	.3	.2	.0		.0									1335	1341	2226	1104
72/ 71	.3	4.4	3.1	1.0	.4	.1	.0	.0	.0										1300	1311	2448	2150
70/ 69	.4	3.4	2.2	.6	.2	.1	.0	.0											781	988	2048	2805
68/ 67	.4	2.3	1.4	.4	.1	.0	.0												681	685	1461	2212
66/ 65	.3	1.4	.7	.3	.0	.0													388	402	1028	1596
64/ 63	.2	1.1	.5	.2	.0	.0													273	275	616	969
62/ 61	.2	.8	.3	.1															193	193	414	603
60/ 59	.1	.5	.1	.0															106	106	264	578
58/ 57	.0	.4	.1	.0															65	65	133	450
56/ 55		.2	.0																29	29	76	314
54/ 53	.0	.1	.																14	14	33	152
52/ 51		.0																	5	5	12	96
50/ 49		.0																	4	4	6	42
48/ 47		.0																	4	4	6	15
46/ 45	.0																		1	1	3	10
44/ 43	.0																		1	1	1	12
42/ 41																						6
40/ 39																						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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUN MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.2	20.2	20.2	13.1	8.7	7.8	7.2	6.5	5.5	4.9	2.6	.7	.3	.1	.0	.0		13918	13963	13918	13918

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	77033029	1005587	72.3	17.737	13918							
Dry Bulb	85729693	1087459	77.9	8.617	13963			663.3	509.5	295.8	32.5	720
Wet Bulb	69802726	983234	70.6	4.960	13918			586.0	277.9	8.5		720
Dew Point	63217154	935076	67.2	5.323	13918			458.8	88.0	.4		720

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31		Dry Bulb	Wet Bulb	Dew Point
104/103														.0				2	2		
102/101												.0	.1	.0				12	12		
100/ 99									.0		.1	.1	.1	.0	.1	.0	.0	56	66		
98/ 97									.0	.1	.4	.3	.1	.0	.0	.0		133	133		
96/ 95						.6	.0	.1	.3	.7	.5	.2	.1	.0	.0			277	277		
94/ 93						.0	.1	.5	.9	.8	.4	.[illegible]	1	.0				427	427		
92/ 91					.0	.2	.6	1.6	1.2	.7	.3	.		.0				657	657		
90/ 89				.0	.1	.6	1.7	1.9	1.0	.3	.2	.[illegible]	.[illegible]	.0				841	841		
88/ 87				.1	.3	1.6	2.2	1.1	.5	.2	.1	.0	.0					865	865		
86/ 85		.0	.0	.2	1.3	2.4	1.1	.5	.3	.2	.1	.0						876	876	2	
84/ 83		.0	.2	1.1	2.2	1.6	.5	.3	.2	.1	.0							888	888	22	1
82/ 81	.0	.1	.6	2.2	2.1	.6	.3	.2	.2	.0								875	875	128	17
80/ 79	.0	.3	2.1	3.4	1.2	.4	.2	.1	.0									1121	1121	588	64
78/ 77	.1	1.3	4.2	2.0	.7	.2	.1	.1										1242	1242	1858	216
76/ 75	.2	4.1	5.4	1.3	.4	.2	.1	.0										1653	1655	2630	933
74/ 73	.9	6.5	3.5	.7	.2	.1	.0		.0									1690	1691	2966	2408
72/ 71	1.0	6.4	1.6	.4	.1	.0												1368	1370	2716	3701
70/ 69	.3	2.6	1.1	.3	.0	.0												649	649	1735	3087
68/ 67	.0	1.4	.6	.1														304	304	750	1585
66/ 65	.1	.5	.4	.0														150	150	436	866
64/ 63	.1	.3	.2	.0														83	83	209	500
62/ 61	.0	.3	.0	.0														46	46	126	341
60/ 59		.2	.0															25	25	63	258
58/ 57		.1																8	8	22	160
56/ 55		.0																3	3	9	88
54/ 53																				1	18
52/ 51																					9
50/ 49																					7
48/ 47																					1
46/ 45																					1
TOTAL	2.7	24.2	20.0	11.8	8.0	8.0	6.9	6.4	4.8	3.3	2.0	.8	.4	.1	.1	.0	.0	14261	14266	14261	14261

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	83406625	1063479	74.6	17.081	14261							
Dry Bulb	91530910	1137198	79.7	7.856	14266			727.6	606.4	339.0	47.8	744
Wet Bulb	76102560	1040284	72.9	3.909	14261			698.8	427.5	18.7		744
Dew Point	70041451	997717	70.0	4.102	14261			626.7	189.8	2.3		744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																.0		2	2		
104/103													.0		.0	.0		7	7		
102/101													.0		.0	.0		10	10		
100/ 99											.0	.1	.0	.0	.0			29	29		
98/ 97									.0	.1	.2	.1	.1	.0				84	84		
96/ 95								.1	.3	.4	.2	.1	.0	.0	.0			161	161		
94/ 93						.0	.1	.4	.7	.7	.3	.1	.0	.0				345	345		
92/ 91						.1	.6	1.2	.8	.5	.2	.1	.0					534	534		
90/ 89					.1	.6	1.4	1.5	1.0	.5	.3	.0						788	788		
88/ 87				.0	.5	1.2	1.9	1.1	.6	.4	.2	.0						890	890		
86/ 85			.0	.3	1.3	2.0	1.3	.7	.5	.2	.1	.0	.0					950	950		
84/ 83		.0	.2	1.0	1.8	1.4	.7	.6	.4	.2	.0							923	923	2	
82/ 81		.1	.6	2.2	1.8	.7	.5	.4	.1	.1	.0							960	960	114	
80/ 79	.0	.4	2.1	2.6	1.2	.6	.3	.1	.1	.0								1104	1104	615	53
78/ 77	.1	1.8	3.8	2.0	.6	.3	.1	.1	.0									1316	1316	1589	284
76/ 75	.5	4.5	4.6	1.4	.4	.1	.1	.0										1720	1720	2480	1106
74/ 73	.9	6.8	3.5	.9	.2	.1	.0	.0										1839	1839	2969	2384
72/ 71	.8	5.0	2.4	.5	.1	.1	.0											1340	1340	2781	3280
70/ 69	.4	3.0	1.6	.3	.1	.0												809	809	1848	2754
68/ 67	.2	1.5	.9	.1	.1													414	414	1079	1781
66/ 65	.2	1.0	.6	.1	.0													263	263	583	1083
64/ 63	.0	.7	.2	.0														139	139	353	769
62/ 61	.0	.4	.2	.0														95	95	206	536
60/ 59	.0	.4	.1	.0														74	74	105	352
58/ 57		.2	.0															30	30	72	216
56/ 55		.0	.0															6	6	28	158
54/ 53		.0																1	1	3	54
52/ 51																				6	10
50/ 49																					10
48/ 47																					3
TOTAL	3.3	25.7	20.7	11.5	8.3	7.1	7.0	6.2	4.6	3.0	1.5	.5	.3	.1	.1	.0		14833	14833		14833
																		14833		14833	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	88991269	1120815	75.6	17.027	14833
Dry Bulb	92839857	1167779	78.7	7.800	14833
Wet Bulb	77857018	1072746	72.3	4.301	14833
Dew Point	71826482	1029900	69.4	4.626	14833

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			713.5	584.9	312.8	32.0	744
Dry Bulb			676.0	389.7	16.8		744
Wet Bulb			583.9	192.0	.6		744
Dew Point							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | SEP 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
98/ 97											.0	.0	.0	.0				7	7		
96/ 95									.0	.1	.1	.1	.0	.0	.0			44	44		
94/ 93								.0	.1	.2	.2	.1	.0	.0				101	101		
92/ 91							.1	.4	.5	.3	.2	.1	.0	.0				234	234		
90/ 89						.1	.5	.8	.9	.4	.2	.1						420	420		
88/ 87					.1	.5	.9	.8	.7	.4	.2	.0	.0					530	530		
86/ 85		.0		.0	.6	1.0	.9	.8	.6	.4	.3	.0						661	661		
84/ 83		.0	.0	.3	.9	.9	.9	.7	.5	.4	.1	.0	.0					662	662	2	1
82/ 81		.0	.2	.9	1.0	.8	.6	.6	.5	.2	.1	.1	.0					707	702		1
80/ 79		.1	.8	1.3	.8	.9	.5	.4	.3	.1	.1	.0						773	773	79	2
78/ 77	.0	.6	1.8	1.3	1.0	.6	.4	.3	.2	.2	.1							917	918	563	36
76/ 75	.1	2.2	2.4	1.4	.9	.5	.4	.2	.2	.2	.0							1210	1210	1109	293
74/ 73	.3	3.8	2.6	1.3	.8	.3	.1	.2	.1	.1								1394	1394	1685	979
72/ 71	.4	4.5	2.9	1.1	.5	.2	.1	.1	.2									1437	1437	1918	1597
70/ 69	.5	3.7	2.6	1.1	.4	.1	.1	.1	.0									1240	1243	1895	1793
68/ 67	.2	3.0	2.3	.5	.2	.1	.1	.1										937	937	1672	1746
66/ 65	.3	2.8	1.5	.5	.2	.1	.1	.0	.0									780	780	1360	1646
64/ 63	.4	1.9	1.1	.3	.2	.1	.0	.0	.0									575	575	1071	1389
62/ 61	.2	1.6	.5	.3	.1	.0	.0	.0										395	396	716	1025
60/ 59	.2	1.5	.5	.2	.1	.0	.0	.0										366	366	627	913
58/ 57	.2	1.2	.3	.1	.0	.0												262	262	474	753
56/ 55	.1	1.0	.3	.1	.0	.0												232	232	369	540
54/ 53	.1	.6	.2	.1														137	137	257	389
52/ 51	.1	.5	.2	.0														116	116	168	305
50/ 49	.0	.4	.1	.0														81	81	134	251
48/ 47	.0	.3	.1	.0														52	52	108	207
46/ 45		.1	.0	.0														23	23	49	178
44/ 43		.1	.0															16	16	26	133
42/ 41		.0	.0															8	8	14	68
40/ 39		.0	.0															8	8	10	31
38/ 37		.0																2	2	8	24
36/ 35																				1	16
34/ 33																					1
32/ 31																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
30/ 29																					2
TOTAL	3.1	29.8	20.6	11.1	7.8	6.3	5.8	5.6	4.7	3.0	1.5	.6	.2	.0	.0			14322	14327		14322
																		14322		14322	

Element (X)	$\sum X'$	$\sum X$	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	86175211	1080647	75.5	17.993	14322							
Dry Bulb	78476171	1051611	73.4	9.479	14327			566.5	384.8	190.6	7.6	720
Wet Bulb	65656048	964766	67.4	6.824	14322			446.9	172.8	1.5		720
Dew Point	59744454	918782	64.2	7.488	14322		.3	324.2	66.0	.2		720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | OCT MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91												.0	.0	.0				6	6		
90/ 89							.0	.0	.0	.0	.0	.0	.0					26	26		
88/ 87						.0	.1	.1	.1	.1	.2	.1	.0	.0				85	86		
86/ 85					.0	.1	.2	.2	.2	.2	.2	.1	.1	.0				201	201		
84/ 83				.0	.1	.2	.3	.2	.3	.3	.2	.1	.1	.0				268	268		
82/ 81			.0	.1	.2	.3	.3	.4	.4	.4	.2	.2	.0					360	360		
80/ 79		.0	.0	.2	.3	.3	.4	.6	.5	.4	.3	.1	.0					456	456		
78/ 77		.0	.2	.3	.4	.5	.5	.5	.5	.4	.2	.1	.0					528	528	8	1
76/ 75		.1	.4	.4	.5	.5	.5	.4	.4	.4	.2	.1	.0					572	572	77	3
74/ 73	.0	.7	.6	.5	.5	.5	.5	.4	.3	.3	.2	.0						652	652	218	50
72/ 71	.2	.9	.8	.8	.5	.5	.3	.3	.3	.4	.1	.0						732	732	488	220
70/ 69	.4	1.3	1.1	1.0	.6	.4	.3	.4	.3	.2	.0							897	897	578	382
68/ 67	.4	1.7	1.4	1.0	.7	.4	.4	.4	.4	.2	.0							1013	1014	899	579
66/ 65	.4	1.7	1.7	.9	.5	.3	.5	.3	.3	.1	.0							1011	1017	1059	639
64/ 63	.3	2.0	1.5	.9	.4	.4	.4	.3	.1	.1								908	913	1130	699
62/ 61	.4	2.0	1.2	.7	.5	.4	.3	.2	.1	.0								870	874	1234	918
60/ 59	.4	2.4	1.4	.7	.6	.3	.2	.1	.0									883	892	1170	1056
58/ 57	.2	2.0	1.3	.7	.4	.2	.1	.1	.0									736	738	1053	1042
56/ 55	.2	2.7	1.0	.6	.4	.2	.1	.0										758	761	1034	1062
54/ 53	.1	1.9	1.1	.6	.4	.1	.1											633	638	1037	909
52/ 51	.1	2.1	.9	.5	.2	.1	.0											566	573	873	872
50/ 49	.2	2.0	1.0	.4	.1	.1												550	552	777	854
48/ 47	.1	2.1	.8	.4	.1	.0												503	504	679	887
46/ 45	.2	1.6	.7	.2	.0													398	398	685	833
44/ 43	.2	1.1	.5	.1	.0													290	290	513	740
42/ 41	.3	1.0	.3	.0	.0													242	242	351	676
40/ 39	.2	1.1	.3	.0														224	224	301	532
38/ 37	.1	.0	.0															112	112	218	540
36/ 35	.1	.4	.0															68	68	114	389
34/ 33	.1	.3	.0															46	46	67	283
32/ 31	.0	.1																22	22	43	201
30/ 29		.0																3	3	14	116
28/ 27																					65
26/ 25																					33

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (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
24/ 23																					15
22/ 21																					14
20/ 19																					7
18/ 17																					3
TOTAL	4.4	32.0	18.3	10.8	7.4	5.8	5.4	5.0	4.4	3.4	1.9	.7	.3	.1				14620	14665	14620	14620

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	82426378	1055578	72.2	20.615	14620							
Dry Bulb	59766714	920300	62.8	11.715	14665		1.3	294.2	160.1	60.3		744
Wet Bulb	48378689	830061	56.8	9.252	14620		2.9	115.4	15.4			744
Dew Point	41464969	763573	52.2	10.413	14620		23.1	62.8	2.7			744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERV, CL/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 5	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83								.0	.0	.0								10	10		
82/ 81						.0	.0	.1	.0	.0	.0	.0	.0					33	37		
80/ 79						.0	.1	.1	.0	.1	.0							61	67		
78/ 77					.0	.2	.2	.2	.2	.1	.0							127	132		
76/ 75				.1	.2	.4	.4	.2	.1	1	.0		.0					224	232		
74/ 73			.1	.1	.3	.3	.4	.2	.2	.0	.0	.0						243	260		
72/ 71		.1	.3	.4	.3	.3	.4	.2	.1	.1	.0							351	383	13	
70/ 69		.2	.4	.5	.4	.4	.2	.3	.2	.1	.0							420	452	93	18
68/ 67	.0	.4	.8	.5	.5	.3	.3	.2	.2	.2	.0							485	504	223	75
66/ 65	.1	.9	1.0	.7	.4	.4	.4	.4	.2	.1	.0							651	668	396	131
64/ 63	.1	1.1	.8	.8	.3	.4	.4	.4	.3	.1								701	716	552	285
62/ 61	.1	1.2	.9	.8	.4	.3	.4	.4	.2	.1								701	711	610	484
60/ 59	.3	1.7	1.2	.8	.5	.4	.5	.4	.2	.0								852	868	715	514
58/ 57	.3	1.5	1.0	.5	.5	.4	.4	.3	.1									729	749	709	610
56/ 55	.2	1.6	1.0	.8	.7	.5	.4	.2	.0									779	803	798	688
54/ 53	.3	1.9	1.4	.9	.7	.5	.3	.1										860	872	783	672
52/ 51	.4	1.7	1.3	.9	.8	.4	.3	.1										863	888	847	707
50/ 49	.3	1.5	1.4	1.0	.6	.6	.2	.0										815	843	936	688
48/ 47	.2	1.7	1.1	1.0	.5	.4	.1	.0										725	754	947	869
46/ 45	.2	2.2	1.4	1.0	.5	.2	.0											793	830	944	736
44/ 43	.3	1.5	1.5	.8	.4	.2	.0											669	693	929	755
42/ 41	.4	1.7	1.9	.6	.4	.1												737	774	858	773
40/ 39	.4	1.6	1.5	.6	.2	.0												639	661	943	752
38/ 37	.3	1.8	1.1	.4	.1	.0												547	571	781	834
36/ 35	.2	1.5	.8	.2	.1													403	414	661	901
34/ 33	.2	1.4	.4	.2	.0													336	343	568	847
32/ 31	.2	1.2	.4	.1	.0													275	280	414	698
30/ 29	.3	.9	.2	.0														207	214	296	683
28/ 27	.2	.6	.1	.0														135	139	251	493
26/ 25	.1	.4	.1	.0														85	89	115	448
24/ 23	.0	.1	.0															32	33	75	378
22/ 21	.0	.2	.0															31	31	36	256
20/ 19		.1	.0															11	11	24	113
18/ 17		.0	.0															2	2	11	88

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV 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
157 15		.0																3	3	4	80
147 13																				3	58
127 11																					43
107 9																					15
87 7																					10
67 5																					17
47 3																					4
TOTAL	4.7	30.6	22.4	13.6	9.0	6.7	5.5	3.9	2.2	1.0	.2	.0	.0						15037		14535
																		14535		14535	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	79543436	1037522	71.4	19.417	14534							
Dry Bulb	43555185	787803	52.4	12.318	15037		38.4	99.5	35.3	3.7		720
Wet Bulb	34261485	688433	47.4	10.670	14535		60.9	16.3				720
Dew Point	28040670	613258	42.2	12.231	14535		167.5	4.6				720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79							.0	.0										2	2		
78/ 77						.0	.0	.0										14	14		
76/ 75				.0	.1	.1	.0	.0										31	31		
74/ 73				.0	.1	.1	.1											44	44		
72/ 71		.0	.0	.1	.2	.2	.1		.0	.0	.0							85	86		
70/ 69		.1	.3	.3	.2	.1	.0	.0	.1	.0	.0							161	163	6	3
68/ 67	.0	.2	.5	.4	.2	.1	.1	.1	.0	.0								240	243	64	9
66/ 65	.0	.2	.5	.2	.2	.1	.1	.1	.0	.0								219	220	130	53
64/ 63	.0	.8	.5	.2	.2	.2	.2	.1	.1		.0							334	338	244	115
62/ 61	.2	1.5	.4	.3	.2	.2	.2	.2	.0	.0								492	511	365	240
60/ 59	.3	1.2	.5	.4	.2	.2	.2	.2	.1	.0								510	531	404	383
58/ 57	.1	1.4	.4	.3	.5	.3	.3	.1	.1									542	567	379	396
56/ 55	.1	1.5	.6	.4	.4	.4	.4	.1	.0									601	639	443	365
54/ 53	.2	1.5	.7	.6	.4	.5	.3	.1										652	684	451	410
52/ 51	.2	1.5	.7	.4	.7	.6	.3	.1										670	702	531	412
50/ 49	.2	1.8	1.1	.7	.9	.5	.4	.0										865	887	609	397
48/ 47	.3	1.9	1.0	1.0	.9	.5	.2	.1										888	903	720	499
46/ 45	.3	2.2	1.0	1.2	.8	.3	.2											922	940	828	571
44/ 43	.4	2.4	1.6	1.1	.7	.3	.0											998	1011	994	612
42/ 41	.4	1.9	1.8	.9	.9	.3	.0	.0										941	956	1012	714
40/ 39	.3	2.5	2.0	1.2	.7	.1	.0											1033	1047	1101	638
38/ 37	.4	2.6	1.6	1.0	.4	.0												908	913	1124	745
36/ 35	.3	2.2	1.8	.9	.2	.0												818	826	1025	887
34/ 33	.3	2.3	1.5	.7	.1	.0												745	751	1026	956
32/ 31	.3	2.0	1.4	.6	.1													666	675	922	1018
30/ 29	.3	2.1	1.1	.2	.0													570	574	744	943
28/ 27	.2	1.8	.7	.1														432	444	718	778
26/ 25	.1	1.4	.4	.0														297	298	508	852
24/ 23	.1	.8	.2	.0														165	165	338	657
22/ 21	.1	.7	.1															134	134	182	665
20/ 19	.1	.5	.0															88	88	148	490
18/ 17	.1	.3	.0															61	61	94	443
16/ 15	.1	.1	.0															36	36	37	330
14/ 13	.0	.1	.0															14	14	24	235

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) CULUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,53-74 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11		.0																6	6	7	153
10/ 9		.0																5	5	8	110
8/ 7		.1																8	8	7	42
6/ 5	.0																	1	1	5	18
4/ 3	.0																	7	7	7	8
2/ 1																					17
0/ -1																					25
-2/ -3																					9
-4/ -5																					6
-8/ -9																					1
TOTAL	5.5	39.6	22.5	13.3	8.9	5.3	3.1	1.2	.4	.1	.1							15525			15205
																	15205		15205	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	86003614	1108654	72.9	18.434	15205							
Dry Bulb	33070561	692349	44.6	11.890	15525		120.6	27.9	4.4			744
Wet Bulb	26991303	617987	40.6	11.102	15205		183.4	3.4				744
Dew Point	21729119	539095	35.5	13.116	15205	2.0	332.7	.6				744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | JAN MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69		.2	.2															6	6		
68/ 67			.2															4	4	5	3
66/ 65	.1	.3	.6															19	19	3	4
64/ 63		1.0	.3	.2														28	28	17	3
62/ 61	.1	1.5	.9	.3	.1													51	53	31	25
60/ 59	.1	1.4	.9	.4	.3													57	58	49	33
58/ 57	.2	1.4	.8	.2	.1													50	53	47	47
56/ 55	.2	1.2	.7	.6	.3													54	54	60	46
54/ 53	.4	.9	.7	.4	.4	.1												51	51	47	46
52/ 51	.2	1.2	.7	.4	.2	.2												51	51	41	38
50/ 49	.2	1.4	.8	.7	.3	.1												64	64	59	44
48/ 47	.4	1.4	.9	.9	.2													70	70	61	55
46/ 45	.3	2.3	1.3	.3	.3													81	82	72	55
44/ 43	.2	2.2	1.5	.4	.3													81	81	60	56
42/ 41	1.0	3.5	.9	.7	.3													116	117	116	61
40/ 39	.8	2.7	1.4	.8	.3													109	110	110	109
38/ 37	.4	2.4	1.2	.7	.1													100	102	90	93
36/ 35	.2	2.9	2.6	.2	.1													112	113	106	94
34/ 33	.2	3.0	2.3	.4	.2													121	122	105	75
32/ 31	.6	4.5	2.2	.8														146	146	139	99
30/ 29	.3	4.2	2.3	.1														124	124	128	99
28/ 27	.2	3.4	1.7	.1														103	103	138	94
26/ 25	.1	2.4	.7															57	57	127	126
24/ 23		1.2	.4															29	29	47	99
22/ 21	.3	1.7	.2															38	38	48	89
20/ 19	.1	.9	.2															23	23	30	73
18/ 17		.8	.2															19	19	19	57
16/ 15	.1	.7																14	14	25	49
14/ 13		.3																5	5	9	43
12/ 11	.1	.6																11	11	12	25
10/ 9	.1	.3																6	6	4	11
8/ 7		.1																2	2	6	20
6/ 5		.2																3	3	2	12
4/ 3		.2																4	4	4	7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,50-74 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1		.2																3	3	4	9
0/ -1																				1	4
-2/ -3																					2
-4/ -5																					1
-6/ -9																					2
-10/-11																					4
TOTAL	7.3	53.7	26.8	8.4	3.5	.3												1812	1825	1812	1812

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11595590	142920	78.9	13.353	1812							
Dry Bulb	3129870	72078	39.5	12.460	1825		29.9	.5				93
Wet Bulb	2749631	67043	37.0	12.189	1812	.1	38.1	.3				93
Dew Point	2344031	60077	33.2	13.945	1812	.7	47.5	.2				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13895 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69		.3	.1															6	6		
68/ 67			.2	.1														5	5	5	4
66/ 65		.3	.3															11	11	1	1
64/ 63	.1	1.3	.4	.1														34	35	14	6
62/ 61	.1	1.4	.5	.1														38	42	43	27
60/ 59	.2	1.6	.5	.2														45	45	26	35
58/ 57	.2	1.2	.6	.2	.1													43	44	50	41
56/ 55	.1	1.1	.5	.1														43	44	50	45
54/ 53	.3	1.1	.5	.3		.2												44	44	39	42
52/ 51	.2	1.5	.5	.2	.1	.1												47	47	32	28
50/ 49	.4	2.8	.9	.2	.1	.1												81	81	57	52
48/ 47	.5	2.1	1.0	.7	.3	.1												89	89	78	58
46/ 45	.5	1.8	.8	.3	.1													63	63	65	73
44/ 43	.4	1.5	.9	.3	.2													60	60	68	47
42/ 41	.6	2.6	1.3	.3	.1													95	96	74	57
40/ 39	.5	3.2	1.7	.6	.1													110	110	96	67
38/ 37	.7	3.2	1.5	.9	.1													116	116	96	87
36/ 35	.7	2.4	1.9	.2														95	97	115	100
34/ 33	.4	3.7	2.1	.2														118	120	92	75
32/ 31	.6	3.9	1.9	.4														128	128	145	106
30/ 29	.7	4.4	1.5	.3														127	127	127	98
28/ 27	.7	4.7	1.4															124	124	131	90
26/ 25	.5	3.3	.8															84	84	123	121
24/ 23	.5	2.0	.7															59	59	90	126
22/ 21	.6	1.4	.2															44	44	58	74
20/ 19	.3	1.6	.2															38	38	45	92
18/ 17		.7	.2															16	16	31	60
16/ 15	.2	.7	.1															17	17	19	41
14/ 13		.7																12	12	15	49
12/ 11	.2	.3																9	9	14	33
10/ 9	.2	.3																8	8	7	25
8/ 7	.1	.2																6	6	8	22
6/ 5	.2																	4	4	5	11
4/ 3		.1																1	1		10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,52-74 YEARS | JAN MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	AL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 3	'.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1	.2	.2																6	6	6	8
0/ -1																				1	3
-2/ -3	.1																	?	2	2	5
-4/ -5																					3
-10/-11																					3
-12/-13																					2
-14/-15																					1
TOTAL	12.3	57.5	23.4	5.5	.8	.4													1840		1828
																		1926		1828	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12321947	148305	81.1	12.599	1828							
Dry Bulb	2956688	69924	38.0	12.760	1840	.1	34.6	.6				93
Wet Bulb	2643947	65639	35.9	12.534	1828	.2	42.1	.3				93
Dew Point	2297311	59325	32.5	14.269	1828	.9	50.0	.2				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71			.1															2	2		
70/ 69		.2																3	3		
68/ 67	.1	.2	.2															7	7	6	4
66/ 65		.4	.5															16	16	5	7
64/ 63		1.1	.5					.1										30	30	13	6
62/ 61	.1	1.0	.3						.1									27	29	35	21
60/ 59	.2	2.1	.2	.2					.1									50	50	33	34
58/ 57	.4	1.2	.5	.1														40	42	45	48
56/ 55	.4	1.4	.1	.1														37	41	37	35
54/ 53	.2	1.6	.5	.1														44	44	44	36
52/ 51	.1	1.3	.5	.3	.1													41	41	35	37
50/ 49	.5	2.5	.7	.3	.2													78	78	49	46
48/ 47	.7	2.5	.8	.3	.3													83	83	68	53
46/ 45	.4	2.4	.9	.4	.1													75	76	88	73
44/ 43	.3	2.1	1.3	.4														75	75	54	55
42/ 41	.5	2.7	1.2	.3	.1													87	89	82	37
40/ 39	.5	1.9	1.5	.9	.1													89	89	85	76
38/ 37	.7	3.2	1.8	.2														108	109	86	68
36/ 35	.7	2.5	2.1	.6														109	110	110	100
34/ 33	.8	3.4	1.7	.5														118	121	115	86
32/ 31	.9	4.8	1.1	.3														122	127	138	97
30/ 29	.7	4.2	1.3	.4														121	121	119	113
28/ 27	1.0	4.2	1.0															113	113	124	105
26/ 25	.3	3.3	1.0															84	84	110	110
24/ 23	.3	3.3	.4															75	75	101	91
22/ 21	.0	1.9	.4															54	54	72	93
20/ 19	.3	1.6	.4															43	43	45	93
18/ 17	.1	1.1																21	21	36	53
16/ 15	.5	.7																21	21	28	48
14/ 13	.1	.8	.1															10	19	21	41
12/ 11	.1	.2																6	6	9	43
10/ 9	.2	.3																8	8	10	36
8/ 7	.1	.1																2	2	4	18
6/ 5	.1	.1																3	3	4	16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 43-46,59-74 YEARS — JAN MONTH

PAGE 2 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3	.1	.2																5	6	4	12
2/ 1	.2	.1																5	5	4	4
0/ -1		.1																1	1	2	2
-2/ -3		.1																2	2	3	3
-4/ -5																					7
-6/ -7																					1
-10/-11																					3
-12/-13																					1
-14/-15																					2
TOTAL	11.3	60.5	21.4	5.4	.7			.1	.1										1841		1824
																		1824		1824	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12343418	148306	81.3	12.502	1824							
Dry Bulb	2895976	69052	37.5	12.896	1841	.2	35.7	.6				93
Wet Bulb	2588958	64706	35.5	12.689	1824	.3	42.5	.3				93
Dew Point	2256029	58465	32.0	16.463	1824	1.0	51.1	.2				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 43-46,59-74 YEARS — JAN 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
76/ 75				.1		.1												2	2		
74/ 73			.1	.1	.2													6	6		
72/ 71			.1	.2	.1													7	7		
70/ 69			.4	.1	.2	.1	.1											16	16	3	
68/ 67	.4	.4	.7	.2														27	27	11	5
66/ 65		.2	.7	.3	.1	.2	.1	.1										30	30	21	11
64/ 63		.4	.7	.4	.1	.1	.1											34	34	21	20
62/ 61	.4	1.3	.4	.2	.3	.2	.1	.1	.1									50	50	38	20
60/ 59	.2	1.4	.6	.2	.3	.2	.1											55	55	48	40
58/ 57	.4	1.0	.7	.5	.5	.4	.1	.1										68	71	51	58
56/ 55	.3	1.1	.5	.7	.5	.6	.2	.2										77	77	43	45
54/ 53	.1	.9	.3	.6	.4	.4	.2	.1										55	55	51	34
52/ 51	.2	1.6	.9	.7	.7	.5	.1											86	86	45	33
50/ 49	.3	1.7	.8	1.0	.8	.7	.2											101	102	83	50
48/ 47	.5	2.0	1.0	.7	.8	.4												96	96	90	65
46/ 45	.1	1.7	1.4	1.4	1.1	.3	.1											114	114	94	68
44/ 43	.4	.9	2.1	1.6	.5	.4												105	106	85	61
42/ 41	.4	1.8	1.3	1.3	1.2	.2												115	116	100	72
40/ 39	.2	1.8	1.9	1.6	.7	.1												115	115	140	51
38/ 37	.3	2.0	1.4	2.0	.3	.1												116	116	112	108
36/ 35	.5	2.3	2.1	1.3	.4													121	121	140	101
34/ 33	.3	1.6	2.0	1.5	.1													100	100	129	105
32/ 31	.1	1.6	1.3	.7	.2													70	70	119	93
30/ 29	.2	1.5	1.7	.5														72	72	95	100
28/ 27		1.0	.9	.5														44	44	84	102
26/ 25		.9	1.0	.1														37	37	55	107
24/ 23		.5	1.2															32	32	47	86
22/ 21		.5	.9															25	25	32	65
20/ 19		.5	.4															18	18	30	65
18/ 17	.1	.4	.4															15	15	27	53
16/ 15		.3	.1															8	8	14	35
14/ 13		.1																2	2	7	29
12/ 11		.1																1	1	4	29
10/ 9		.2	.1															4	4	1	41

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7		.2																3	3	4	24
6/ 5		.2																4	4	5	11
4/ 3		.1																2	2	3	14
2/ 1																				1	4
0/ -1																					3
-2/ -3																					3
-4/ -5																					5
-6/ -7																					3
-8/ -9																					1
-12/-13																					3
TOTAL	4.9	32.4	28.4	18.2	9.5	4.9	1.3	.4	.1									1833	1839	1833	1833

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9662220	129256	70.5	17.289	1833							
Dry Bulb	3733162	79672	43.3	12.375	1834		17.0	2.9	.4			93
Wet Bulb	3116454	72292	39.4	12.034	1833		26.8	.7				93
Dew Point	2478848	61800	33.7	14.688	1833	.9	45.0	.3				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81									.1									1	1		
80/ 79							.1	.2	.1									5	5		
78/ 77						.2	.1	.1										6	6		
76/ 75				.1	.1	.1		.1										6	6		
74/ 73			.1		.3	.1	.2	.1										13	13		
72/ 71			.1	.4	.4	.3	.2	.1		.1	.1							28	28	1	
70/ 69		.1	.4	.5	.8	.4	.4	.4	.2	.1	.1							61	61	1	1
68/ 67		.1	.5	.5	.4	.3	.4	.4	.2			.1						55	55	14	1
66/ 65		.3	.9	.5	.3	.6	.3	.2	.1	.1								61	61	33	7
64/ 63		.5	.5	.4	.4	.6	.4	.3	.3	.1								62	62	37	23
62/ 61	.1	1.0	.4	.7	.3	.5	.7	.5	.3									81	81	66	28
60/ 59		.8	.4	.3	.5	.3	.8	.8	.5									82	84	54	48
58/ 57	.1	.4	.3	.1	.5	.6	.8	.4	.1									61	61	54	61
56/ 55	.2	.5	.5	.5	.6	1.3	.8	.5										91	92	73	47
54/ 53		.9	.5	.4	1.1	1.3	.8	.6	.1									102	102	48	35
52/ 51	.2	1.3	.8	.8	1.1	.9	1.0	.2										117	117	66	53
50/ 49	.2	1.1	.9	.7	.9	1.0	.7											101	101	89	54
48/ 47	.1	1.3	1.1	.7	1.5	.8	.9	.1										115	115	108	51
46/ 45	.1	1.0	.6	.9	1.4	1.2	.3											100	100	138	75
44/ 43		1.1	1.1	1.3	1.6	1.1	.2											119	119	117	61
42/ 41	.2	1.6	.7	1.4	.8	.5	.1											95	95	116	67
40/ 39	.2	1.0	.9	1.1	1.7	.3												96	96	132	76
38/ 37	.1	1.8	.4	1.1	.8	.2												80	80	125	93
36/ 35	.2	1.8	.5	1.1	.5													63	63	138	105
34/ 33	.1	.8	.6	.8	.4													48	48	81	103
32/ 31	.1	.5	.4	1.0	.4													45	45	96	80
30/ 29	.1	.6	.6	.7	.1													38	38	54	119
28/ 27	.1	.5	1.0	.4	.1													39	39	53	75
26/ 25		.3	.4	.5														23	23	47	76
24/ 23		.1	.5	.1														11	11	31	79
22/ 21			.5	.1														11	11	17	80
20/ 19		.1																2	2	18	63
18/ 17		.2	.1															5	5	11	69
16/ 15		.2	.1															5	5	5	38

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13		.1																2	2	5	39
12/ 11		.2	.1															5	5	2	28
10/ 9		.1																1	1	5	32
8/ 7																				1	20
6/ 5																					16
4/ 3																					14
2/ 1																					5
0/ -1																					6
-2/ -3																					6
-6/ -7																					1
-8/ -9																					1
TOTAL	1.9	19.4	16.1	16.9	17.0	12.4	9.2	4.8	1.9	.2	.1	.1							1839		1836
																		1836		1836	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7406793	110281	60.1	20.652	1836							
Dry Bulb	4708247	90097	49.0	12.651	1839		9.5	8.8	1.6	.2		93
Wet Bulb	3590442	78394	42.7	11.511	1836		17.5	.8				93
Dew Point	2565103	62991	34.3	14.837	1836	.7	42.9	.1				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 63-46,59-74 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81									.1									2	2		
80/ 79							.1		.1									3	3		
78/ 77							.2	.1										5	5		
76/ 75						.2	.3	.3										13	13		
74/ 73		.1		.1	.2	.2	.3	.1		.1								16	16		
72/ 71				.1	.4	.3	.5	.1	.1	.1								28	28	1	1
70/ 69	.1	.2	.3	.5	.7	.7	.4	.3	.2	.1								65	65	1	1
68/ 67		.2	1.0	.4	.8	.4	.4	.5	.3	.1	.1							74	74	10	3
66/ 65		.1	.7	.3	.4	.7	.3	.3	.2	.2	.1							57	57	31	8
64/ 63		.3	.4	.4	.3	.7	.5	.4	.3									61	61	52	6
62/ 61	.1	.5	.1	.5	.2	.4	.4	.6	.5	.1								62	62	54	31
60/ 59	.3	.9	.4	.2	.8	.5	1.0	.2	.3									83	86	64	49
58/ 57	.1	.5	.2	.4	.8	.9	.8	.5	.4									83	84	44	46
56/ 55		.7	.6	.3	.5	1.5	1.1	.7										100	100	65	49
54/ 53		.5	.4	.8	.6	.9	.8	1.0										92	92	58	49
52/ 51	.2	1.3	.9	.6	.5	1.0	.8	.3		.1								102	103	76	51
50/ 49	.3	1.3	.9	1.1	1.0	.9	.9	.2										124	126	99	43
48/ 47	.2	.8	1.1	.3	1.0	1.7	.7	.1										108	108	112	71
46/ 45	.1	.5	.7	1.2	1.4	1.3	.4	.1										102	102	128	80
44/ 43		1.3	.9	.6	1.5	1.3	.1											104	104	101	63
42/ 41	.2	1.5	.6	1.2	.9	.6												91	91	117	67
40/ 39	.4	1.1	1.2	.6	1.1	.3	.1											87	87	152	100
38/ 37	.2	1.6	.7	1.6	1.0	.2												97	97	126	95
36/ 35	.2	1.0	.7	1.7	.8													81	81	125	86
34/ 33	.1	.5	.9	.4	.2													37	37	86	98
32/ 31	.3	.4	.5	.7	.2													40	40	102	100
30/ 29	.1	.7	.5	.5	.2													38	38	68	80
28/ 27		.1	.5	.5														22	22	42	76
26/ 25		.7	.4	.3														26	26	33	99
24/ 23		.1	.3	.1														8	8	32	65
22/ 21	.1		.2	.1														5	5	27	104
20/ 19	.1		.3															7	7	7	57
18/ 17			.1															2	2	3	67
16/ 15		.3																6	6	8	48

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13		.1																1	1	8	30
12/ 11		.2																3	3		37
10/ 9		.1																1	1	3	29
8/ 7																				1	20
6/ 5																					8
4/ 3																					13
2/ 1																					10
0/ -1																					9
-2/ -3																					0
-6/ -7																					1
TOTAL	2.7	17.4	15.6	15.5	15.5	14.7	10.0	5.8	2.4	.5	.1							1836	1843	1836	1836

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7114677	107589	58.62	21.010	1836							
Dry Bulb	4821245	91381	49.6	12.556	1843		8.0	10.4	2.0	.2		93
Wet Bulb	3616791	78817	42.9	11.275	1836		16.9	.6				93
Dew Point	2532075	62593	34.1	8.730	1836	.8	43.5	.3				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 43-46,50-74 YEARS — JAN 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						.2												3	3		
72/ 71					.3	.2												10	10		
70/ 69		.2	.1	.5	.2	.1												18	18		
68/ 67		.2	.2	.6	.2	.2												24	24	3	3
66/ 65		.5	.4	.7	.4	.1												40	40	9	3
64/ 63	.1	.4	.8	.7	.2	.1												41	41	32	13
62/ 61	.1	1.3	.5	.8	.5	.4	.1											69	69	43	14
60/ 59	.2	1.0	.4	.7	.5	.4												58	61	54	41
58/ 57	.1	.9	.4	.4	.7	.4	.2	.1										58	61	54	59
56/ 55	.1	.8	.5	.9	.5	.4	.3	.1										64	64	48	41
54/ 53	.3	1.1	.7	.8	.7	.3	.1											72	72	56	46
52/ 51	.1	1.3	.5	.7	.7	.4	.3	.1										75	77	61	56
50/ 49	.7	1.7	.7	1.1	1.0	.5												104	104	84	48
48/ 47	.1	1.2	1.5	1.1	1.3	.5												104	104	77	59
46/ 45	.1	1.4	2.0	1.9	.5	.6	.1											119	119	90	66
44/ 43	.1	1.0	1.9	1.4	.7	.4												112	112	82	61
42/ 41	.1	1.5	1.6	1.7	1.2	.5												122	122	133	73
40/ 39	.5	.9	1.8	2.5	1.1													124	124	133	100
38/ 37	.3	2.6	1.6	2.0	.5	.1												129	129	104	96
36/ 35	.1	1.9	2.8	2.2	.4													134	134	138	77
34/ 33	.2	1.3	1.7	1.3	.2													83	83	159	96
32/ 31	.3	.7	1.5	.5	.2													59	59	118	119
30/ 29	.1	1.8	1.6	.8														79	79	97	111
28/ 27		.6	.8	.3														31	31	84	84
26/ 25		.5	.7	.1														25	25	51	89
24/ 23		.4	.9	.1														24	24	32	96
22/ 21		.2	.3															10	10	29	82
20/ 19		.4	.2															10	10	18	67
18/ 17	.1	.3	.2															10	10	14	59
16/ 15		.3	.1															7	7	6	36
14/ 13		.2																3	3	9	37
12/ 11																				3	30
10/ 9		.1																2	2	1	22
8/ 7		.3																6	6	3	10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | JAN 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
6/ 5																				4	8
4/ 3																					10
2/ 1																					5
0/ -1																					3
-2/ -3																					5
-4/ -5																					1
-6/ -7																					3
TOTAL	3.4	27.8	26.3	23.8	11.9	5.6	.9	.2											1837		1829
																		1829		1829	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	< 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9247107	126421	69.1	16.684	1829							
Dry Bulb	3877116	81562	44.4	11.804	1837		13.5	2.8	.2			93
Wet Bulb	3186783	73451	40.2	11.388	1829		23.8	.2				93
Dew Point	2496769	62603	34.2	13.916	1829	.6	44.6	.2				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (YEARS) JAN (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
72/ 71			.1															1	1		
70/ 69		.1	.1	.3														9	9		
68/ 67		.1	.3	.4	.1													18	18	3	3
66/ 65	.1	.3	.4	.3	.1													23	23	8	6
64/ 63	.1	.9	.7	.7	.1	.1												46	46	23	3
62/ 61	.1	.9	.4	.5		.1												36	36	36	18
60/ 59	.3	1.3	.9	.6	.2	.1												60	60	73	48
58/ 57	.2	1.3	.6	.2	.4	.1												52	56	47	37
56/ 55	.2	1.2	.8	.8	.2	.1												59	59	66	44
54/ 53	.3	1.2	.7	.7	.6	.2												67	67	45	54
52/ 51	.2	1.2	1.2	.5	.6	.2	.1											71	73	54	45
50/ 49	.3	1.8	.5	.7	.3	.2												72	72	62	50
48/ 47	.2	1.8	1.3	.5	.4	.3												83	83	88	50
46/ 45	.1	2.1	1.5	.9	.7	.1												99	99	65	72
44/ 43		2.6	2.0	.5	.2													98	98	80	57
42/ 41	.4	2.1	2.0	.6	.5	.1												103	105	113	71
40/ 39	.5	2.0	1.6	1.5	.4													108	109	117	97
38/ 37	.4	3.1	1.6	1.9	.2													132	132	104	110
36/ 35	.1	2.1	2.5	1.0	.1													106	106	107	79
34/ 33	.2	3.0	2.8	1.1	.1													130	130	125	85
32/ 31	.4	3.2	3.0	.9														136	136	155	102
30/ 29	.2	2.1	2.3	.5														93	93	107	107
28/ 27	.2	2.1	1.0	.2														63	63	123	86
26/ 25		1.5	.4															34	34	88	105
24/ 23	.2	1.0	.5	.1														33	33	54	104
22/ 21	.1	1.2	.4															30	30	18	83
20/ 19		.5	.3															16	16	33	72
18/ 17		.4	.2															10	10	21	66
16/ 15	.1	.3	.1															8	8	8	39
14/ 13	.1	.4																8	8	12	36
12/ 11	.1	.2																5	5	8	19
10/ 9		.2																3	3	4	20
8/ 7		.1																1	1		19
6/ 5		.2																4	4	2	7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,52-74 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3		.2																3	4	5	10
2/ 1		.1																1	1	1	5
0/ -1																				1	3
-4/ -5																					3
-6/ -7																					1
-8/ -9																					5
TOTAL	4.9	42.4	30.3	15.4	5.3	1.5	.1											1821	1831	1821	1821

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total
Rel. Hum.	10672680	136874	75.2	14.538	1821							
Dry Bulb	3420120	75916	41.5	12.203	1831		22.8	1.4				93
Wet Bulb	2935049	69855	38.4	11.845	1821	.1	32.7	.2				93
Dew Point	2427484	61522	33.8	13.847	1821	.6	45.6	.2				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | FEB 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
70/ 69		.3	.2															8	8		
68/ 67		.3	.1		.1													7	7	7	2
66/ 65		.8	.2	.1	.1	.1												21	21	9	9
64/ 63	.3	1.1	.3	.4	.2													37	37	21	17
62/ 61	.3	.6	.4	.6														30	30	29	25
60/ 59	.4	1.4	1.1	.2	.1	.1												54	54	26	26
58/ 57		1.5	.8	.4	.2	.2	.1											50	50	40	18
56/ 55	.2	1.5	.2	.6	.3	.2	.1											55	55	58	39
54/ 53	.1	1.8	.5	.6	.4	.3												60	60	46	53
52/ 51	.4	.9	.9	1.1	.6	.1	.1											64	64	45	61
50/ 49	.7	1.1	1.1	.9	.4	.2												72	73	48	36
48/ 47	.4	2.2	1.0	1.1	.6	.1												90	90	70	35
46/ 45	.5	2.8	1.0	.9	.7	.2	.1											100	101	107	60
44/ 43	.2	1.8	1.4	1.0	.6	.1												84	84	73	75
42/ 41	.4	1.7	2.0	1.1	.3													90	90	87	67
40/ 39	.3	3.0	2.2	1.2	.7													120	120	84	66
38/ 37	.7	3.2	1.7	1.0	.5	.1												117	117	133	68
36/ 35	.2	4.1	2.2	.6	.4													121	121	117	104
34/ 33	.4	3.3	1.6	.2	.1													87	87	121	100
32/ 31	.1	3.2	1.0	1.1	.2													91	91	115	93
30/ 29	.4	2.5	2.2	.2														85	85	107	120
28/ 27	.2	2.7	1.5	.1														76	76	63	99
26/ 25		1.5	.9	.1														39	39	94	104
24/ 23		1.2	.6															30	30	46	53
22/ 21		.6	.2															13	13	42	34
20/ 19	.1	.5	.1															11	11	16	57
18/ 17	.1	.3	.2															9	9	9	79
16/ 15		.2	.1															5	5	9	34
14/ 13		.1																1	1	5	28
12/ 11																					14
10/ 9																					26
8/ 7																					15
6/ 5																					5
4/ 3																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | FEB 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
0/ -1																					2
-2/ -3																					1
TOTAL	6.5	46.6	25.9	13.3	6.5	1.5	.2											1627	1629	1627	1627

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9846506	123998	76.2	15.612	1627							
Dry Bulb	3076364	68376	42.0	11.258	1629		18.6	.8				84
Wet Bulb	2680100	63494	39.0	11.152	1627		26.1	.4				84
Dew Point	2234659	56235	34.6	13.377	1627	.2	39.5	.1				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (YEARS) FEB (MONTH)

 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/ 69		.2	.2															6	6		
68/ 67		.6	.2	.1														14	14	4	3
66/ 65		.4	.5	.1	.1													17	17	14	9
64/ 63	.2	.8	.1	.1														18	18	15	16
62/ 61	.4	.3	.1	.3														19	19	28	19
60/ 59	.9	1.2	.8															47	47	26	29
58/ 57	.4	1.5	.4	.1														39	39	41	24
56/ 55	.3	1.7	.9	.3														52	52	42	44
54/ 53	.2	1.2	.6	.4	.2	.1												44	44	32	39
52/ 51	.3	2.2	.9	.6		.1												65	65	41	28
50/ 49	.7	2.1	1.0	.7	.1	.2												79	79	60	52
48/ 47	1.0	1.4	1.3	1.0	.3	.1												84	84	83	68
46/ 45	.6	2.6	1.0	.5	.1	.1												79	83	67	43
44/ 43	.2	2.1	1.5	.7	.4													81	81	74	60
42/ 41	.6	2.3	1.8	1.0	.2													99	99	88	82
40/ 39	.3	2.2	1.5	.6	.2	.1												78	78	76	60
38/ 37	.6	4.1	2.0	.9														123	123	109	60
36/ 35	.6	3.7	2.0	.9	.2													118	118	120	98
34/ 33	.3	4.8	1.5	.2	.2													113	113	107	102
32/ 31	.3	3.9	1.0	.3														91	91	132	89
30/ 29	.7	4.2	1.3	.2														105	105	119	108
28/ 27	.5	2.9	1.4	.2														81	81	84	113
26/ 25	.2	2.6	.7	.1														60	60	81	106
24/ 23		2.0	.4															38	38	66	77
22/ 21	.2	1.4	.4															31	31	43	31
20/ 19	.1	.6	.4															17	17	32	54
18/ 17	.1	.6	.2															14	14	18	67
16/ 15	.1	.4	.1															9	9	14	37
14/ 13	.1	.2	.1															5	5	7	38
12/ 11		.1																1	1	3	14
10/ 9																				1	19
8/ 7																					21
6/ 5																					12
4/ 3																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13925 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | FEB MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					1
0/ -1																					1
-2/ -3																					2
TOTAL	9.9	53.9	24.2	9.2	2.1	.7													1631		1627
																		1627		1627	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10681436	129800	79.8	14.135	1627							
Dry Bulb	2846848	65502	40.2	11.518	1631		23.3	1.0				84
Wet Bulb	2541161	61521	37.8	11.498	1627		31.0	.2				84
Dew Point	2185344	55456	34.1	13.473	1627	.2	40.8	.2				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13625 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69			.3	.1														6	6		
68/ 67		.5	.3															13	13	3	
66/ 65	.1	.6	.4															18	18	16	11
64/ 63	.1	.6	.4															18	18	15	17
62/ 61	.4	.8	.2															22	22	30	19
60/ 59	.6	1.0	.6	.1														38	38	24	31
58/ 57	.3	2.2	.2	.1														44	45	31	24
56/ 55	.1	1.2	.5	.1														32	33	46	33
54/ 53	.2	1.5	.3	.3	.1													38	39	30	41
52/ 51	.2	2.3	.9	.2	.2	.1												62	62	31	30
50/ 49	.7	2.6	1.0	.4	.2	.1												83	83	71	58
48/ 47	.4	2.3	1.7	.7	.1													85	85	56	48
46/ 45	.6	2.5	1.7	.7	.2													92	93	85	55
44/ 43	.2	2.1	.9	1.0	.3													74	77	71	51
42/ 41	.4	2.2	2.4	1.3	.3													108	108	80	77
40/ 39	.2	2.5	2.2	.7	.2													96	96	90	71
38/ 37	.6	2.6	2.1	.6	.1													95	95	106	59
36/ 35	.2	3.8	2.7	.6														118	118	107	86
34/ 33	.8	4.5	1.8	.4	.3													126	126	133	104
32/ 31	.3	4.2	1.8	.1	.1													106	106	133	96
30/ 29	.6	3.2	1.3	.3														89	89	114	118
28/ 27	.6	2.3	1.0	.2														67	67	89	119
26/ 25	.4	2.0	1.4	.1														65	65	65	101
24/ 23		1.6	.9															40	40	61	64
22/ 21	.2	1.4	.5															34	34	44	50
20/ 19	.1	.9	.1															18	18	43	55
18/ 17	.2	.7	.2															18	18	17	53
16/ 15		.4																7	7	13	24
14/ 13	.2	.3																8	8	11	39
12/ 11	.1	.1																2	2	4	27
10/ 9		.1																1	1	2	21
8/ 7																					23
6/ 5																					11
4/ 3																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_t	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,50-74 YEARS | FEB MONTH

PAGE 4 | 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
0/ -1 -2/ -3																						1 2
TOTAL	3.	953.	327.7	7.9	2.0	..													1623	163.	1623	1623

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10659742	129702	79.9	13.477	1623							
Dry Bulb	2806360	64988	39.9	11.496	1630		23.4	1.0				84
Wet Bulb	2502367	60931	37.5	11.510	1623		30.8	.2				84
Dew Point	2156390	54968	33.9	13.480	1623	.2	41.8					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13823 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.1			.1										2	2		
76/ 75				.1														2	2		
74/ 73			.1	.4		.1												9	9		
72/ 71			.2	.1	.1	.1												7	7		
70/ 69		.1	.4	.4	.2	.1	.1	.1										21	21	5	
68/ 67		.6	.6	.4	.2	.1												29	29	20	7
66/ 65		.4	.6	.4	.4	.1	.2											39	39	15	23
64/ 63	.1	.9	.4	.5	.4	.5	.1	.2	.1									49	49	26	8
62/ 61	.2	.7	.8	.6	.4	.1	.1		.1									47	47	34	31
60/ 59	.1	.7	.6	.5	.3	.4	.3	.3										60	61	36	26
58/ 57		1.3	.6	.6	.4	.6	.5	.2										67	67	45	31
56/ 55	.1	1.3	.7	.6	.5	.6	.6	.2										74	74	53	44
54/ 53	.1	1.2	.9	.7	.7	.9	.7	.2										88	88	69	44
52/ 51	.6	1.4	1.0	.7	.9	.9	.4											95	95	54	54
50/ 49	.5	1.0	1.0	.7	1.6	1.0	.1											100	100	77	54
48/ 47	.3	1.1	1.4	1.2	1.3	.7	.2											109	109	70	55
46/ 45	.1	1.9	1.1	2.4	1.4	.7	.1											124	126	103	56
44/ 43	.2	1.3	1.8	2.5	1.1	.6	.2											125	125	109	55
42/ 41	.1	1.4	1.5	1.7	.9	.3												97	97	126	60
40/ 39	.2	1.5	1.9	1.4	1.0	.4												104	104	143	69
38/ 37	.1	1.9	1.8	1.2	.5	.3												93	94	130	73
36/ 35	.2	1.2	1.2	1.0	.9	.1												75	75	123	94
34/ 33	.1	.9	1.1	1.0	.5													57	57	83	104
32/ 31	.1	.2	1.1	.7	.2													39	39	79	131
30/ 29		.2	1.2	.9	.1													38	38	42	108
28/ 27		.2	1.0	.4														27	27	57	78
26/ 25		.4	.8	.1														21	21	46	63
24/ 23		.3	.4															12	12	34	54
22/ 21			.2	.1														4	4	24	42
20/ 19		.1	.2															5	5	6	46
18/ 17			.1															2	2	7	45
16/ 15																				4	30
14/ 13																					34
12/ 11																					23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					24
8/ 7																					23
6/ 5																					13
4/ 3																					12
2/ 1																					1
0/ -1																					2
-2/ -3																					2
TOTAL	3.	22.	24.	21.	15.	8.	3.	1.	.2									1625			1621
																	1621		1621		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	Total
Rel. Hum.	7640776	106910	66.0	19.080	1621							
Dry Bulb	3778948	76296	47.0	11.007	1625		7.7	3.6	.7			84
Wet Bulb	3056398	68168	42.1	10.822	1621		15.5	1.3				84
Dew Point	2337457	57055	35.2	14.257	1621	.2	37.9	.4				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,52-74 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
94/ 83												.1							1	1		
82/ 81											.1								1	1		
80/ 79					.1	.2	.2			.1									9	9		
78/ 77					.1	.1	.1	.1											7	7		
76/ 75				.1	.6	.4	.1	.1	.1	.1									24	24		
74/ 73				.2	.4	.1	.4	.4	.2			.1							26	26		
72/ 71			.2	.4	.2	.8	.6	.2	.3		.1								46	46	1	
70/ 69		.1	.2	.2	.5	.6	.5	.8	.2	.3									56	56	11	
68/ 67		.3	.4	.5	.5	.3	.6	.1	.7	.1	.1								58	58	27	5
66/ 65		.4	.2	.4	.6	.7	.7	.4	.5	.1	.1								65	65	26	13
64/ 63		.6	.4	.1	.4	.7	.4	.8	.7	.2									70	70	29	26
62/ 61	.1	.7	.2	.5	.4	.2	1.0	1.0	.9	.1									82	82	60	31
60/ 59	.1	.5	.6	.3	.4	.4	1.4	.9	.7										85	85	59	42
58/ 57	.1	1.1	.1	.1	.1	.7	.9	1.4	.2										78	78	59	20
56/ 55		1.0	.5	.6	.4	1.4	1.5	1.0	.1										106	106	63	52
54/ 53	.1	1.3	.2	1.1	.4	1.1	1.4	.3	.1										98	98	70	62
52/ 51	.4	.6	.4	.7	1.0	1.8	1.2	.2											104	104	72	51
50/ 49	.2	1.1	1.2	.6	1.2	1.2	1.6	.2											117	117	84	45
48/ 47	.2	1.4	.8	1.2	1.4	1.3	1.4	.2											127	127	125	61
46/ 45	.3	.5	.9	.8	1.2	.4	.6	.1											80	80	135	66
44/ 43	.2	.4	1.0	.9	1.0	1.0	.5												80	80	132	55
42/ 41	.2	.9	.6	.8	.9	1.0	.2												73	73	131	53
40/ 39	.2	.9	.9	.4	.9	.9													67	67	110	65
38/ 37	.1	.4	.6	.8	1.0	.2													49	49	106	75
36/ 35		.5	.7	.5	.7														40	40	78	99
34/ 33		.1	.5	.7	.2														25	25	73	96
32/ 31		.1	.6	.4	.3														22	22	62	77
30/ 29		.1	.6	.1															13	13	42	99
28/ 27		.1	.1	.3															8	8	35	72
26/ 25		.1	.1	.2															6	6	15	71
24/ 23			.1	.1															3	3	10	74
22/ 21			.1																1	1	6	50
20/ 19																					5	52
18/ 17																					1	51

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-74 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					41
14/ 13																					30
12/ 11																					26
10/ 9																					20
8/ 7																					21
6/ 5																					14
4/ 3																					6
2/ 1																					3
0/ -1																					2
-2/ -3																					1
TOTAL	2.3	13.0	12.3	12.8	14.8	15.3	15.3	8.3	4.7	.9	.3	.1						1627	1627	1627	1627

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5693322	89544	55.0	21.693	1627							
Dry Bulb	4786020	86274	53.0	11.397	1627		2.7	11.8	3.5	.3		84
Wet Bulb	3513282	73704	45.3	10.358	1627		9.1	2.0				84
Dew Point	2393249	57711	35.5	14.591	1627	.2	36.7	.3				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,52-74 (YEARS) FEB (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
84/ 83												.1						2	2		
82/ 81							.1											1	1		
80/ 79						.1	.2	.1				.1						9	9		
78/ 77						.1	.1	.2	.1									7	7		
76/ 75					.1	.3	.2	.2	.1	.2								19	19		
74/ 73				.2	.2	.3	.2	.6	.5	.1								36	36		
72/ 71		.1	.2	.2	.3	.3	.5	.5	.3		.1							42	42		
70/ 69			.2	.4	.6	.6	.5	.4	.4	.4	.1							58	58	8	
68/ 67		.2	.4	.2	.2	.6	.8	.5	.2	.7	.1	.1						63	63	15	5
66/ 65	.1	.7	.7	.5	.2	.6	.3	.2	1.1	.1	.1							77	77	33	6
64/ 63		1.1	.4	.2	.4	.3	.4	.9	.5	.3								74	74	37	29
62/ 61	.1	.7	.2	.1	.4	.4	.9	1.5	1.3	.2								96	96	63	35
60/ 59		.7	.1	.1	.4	.4	1.7	1.3	.4	.1								85	85	64	42
58/ 57		.6	.4	.1	.2	.8	1.4	1.9	.6	.1								91	91	54	33
56/ 55		.8	.3	.5	1.0	.9	1.8	1.2		.1								107	107	55	35
54/ 53	.2	.7	.6	.9	1.0	1.7	1.2	.9	.2									118	118	51	44
52/ 51	.5	.9	.2	.5	.9	1.2	1.8	.8										111	111	80	43
50/ 49	.2	1.2	.7	1.0	1.0	1.1	1.8	.5										124	124	110	58
48/ 47		1.5	.2	1.0	.9	1.4	.8	.5										102	102	136	61
46/ 45	.2	.9	.6	.6	.6	1.0	.7											75	75	151	59
44/ 43	.3	.4	1.3	.6	.7	.6	.4											69	69	144	65
42/ 41	.2	1.0	.3	.9	.7	.6	.2											70	70	110	53
40/ 39	.2	.4	.7	.2	.9	.7												53	53	137	66
38/ 37		.3	.2	.9	.7	.1												38	38	89	75
36/ 35		.1	.7	.8	.6	.1												38	38	82	93
34/ 33		.4	.4	.3	.1													21	21	52	95
32/ 31		.1	.7	.3	.2													21	21	63	92
30/ 29			.1	.2	.1													7	7	40	94
28/ 27		.1	.1	.3														8	8	25	66
26/ 25				.2														3	3	13	86
24/ 23				.1														2	2	4	74
22/ 21																				8	52
20/ 19																				3	56
18/ 17																					53

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					41
14/ 13																					29
12/ 11																					26
10/ 9																					13
8/ 7																					16
6/ 5																					15
4/ 3																					11
2/ 1																					3
0/ -1																					3
TOTAL	2.0	13.0	10.3	11.6	12.6	14.3	15.9	11.7	5.6	2.4	.4	.2							1627		1627
																		1627		1627	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5412150	86436	53.1	22.459	1627							
Dry Bulb	4939649	87831	54.0	11.041	1627		2.1	12.2	3.8	.4		84
Wet Bulb	3554297	74315	45.7	9.916	1627		8.1	1.2				84
Dew Point	2353376	57266	35.2	14.413	1627	.2	37.7	.3				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75										.1								1	1		
74/ 73				.1		.1												3	3		
72/ 71			.1	.1	.2	.1	.1		.1									11	11		
70/ 69		.3	.2	.2	.3	.2	.3	.1										27	27		
68/ 67	.1	.1	.2	.3	.4	.3	.2	.1										27	27	10	6
66/ 65		.4	.5	.3	.7	.3	.1	.1	.1									41	41	9	3
64/ 63	.2	1.6	.2	.2	.2	.4		.2	.1									51	51	25	16
62/ 61	.2	1.0	.3	.4	.8	.5	.4	.4	.1									67	67	54	29
60/ 59	.3	1.2	.4	.7	.6	.6	.6	.1	.1									76	77	43	43
58/ 57	.2	1.2	.2	.5	.4	.4	.9	.1										61	61	49	30
56/ 55	.2	1.0	.5	.6	.6	1.5	1.0	.1										89	89	55	41
54/ 53	.2	.7	.5	.7	1.1	1.2	.7	.1										85	85	59	47
52/ 51	.4	1.0	.9	1.0	1.0	1.6	.4	.2										107	107	52	36
50/ 49	.5	.9	.6	1.1	1.0	1.0	.4	.1										103	103	77	62
48/ 47		2.1	1.4	1.7	1.8	1.2	.3											140	141	90	52
46/ 45	.2	1.0	1.8	1.7	1.8	.7	.2											121	121	115	58
44/ 43	.1	1.2	1.8	1.7	1.5	.8		.1										117	117	126	56
42/ 41	.4	1.1	2.2	1.5	1.1	.6	.1											112	112	145	62
40/ 39	.4	1.0	2.2	1.0	.8	.3												92	92	144	78
38/ 37	.1	.7	1.0	1.5	.7													66	66	133	89
36/ 35		.7	1.6	.9	1.0	.1												69	69	95	89
34/ 33		.3	.8	1.2	.3													43	43	86	128
32/ 31	.1	.4	1.5	.9	.1													47	47	66	108
30/ 29		.4	1.0	.5	.1													32	32	55	98
28/ 27		.2	.4	.3														15	15	62	76
26/ 25		.1	.3	.2														9	9	35	79
24/ 23			.2	.1														4	4	19	60
22/ 21			.2															3	3	5	57
20/ 19			.2															3	3	7	49
18/ 17																				5	42
16/ 15																				1	33
14/ 13																					29
12/ 11																					19
10/ 9																					13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7																					10
6/ 5																					13
4/ 3																					6
2/ 1																					3
0/ -1																					1
-2/ -3																					1
TOTAL	3.	7	18.	7	21.	3	19.	2	17.	4	11.	9	5.	6	1.	7	.4	.1	1622	1624	1622	1622

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7248718	103714	63.9	19.510	1622							
Dry Bulb	3942961	78209	48.2	10.430	1624		5.8	3.6	.2			84
Wet Bulb	3128188	69302	42.7	10.155	1622		13.2	.5				84
Dew Point	2335078	57496	35.4	13.536	1622	.1	36.1	.3				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69		.1	.1	.1	.3			.1										10	10		
68/ 67		.2	.2	.2	.1													12	12	4	2
66/ 65		.8	.4	.1	.4	.2	.1											33	33	5	3
64/ 63	.2	1.1	.2	.5	.5	.1	.1											45	45	27	13
62/ 61	.4	1.3	.4	.4	.5													50	50	40	31
60/ 59	.3	1.0	.6	.9	.6	.4	.1	.1										58	58	36	39
58/ 57	.2	1.3	.4	.4	.2	.4	.4	.1										54	54	45	28
56/ 55		1.8	.6	.2	.5	1.0	.3											71	71	54	30
54/ 53	.3	1.2	.6	.8	.7	.4	.2											66	66	60	55
52/ 51	.3	1.1	1.3	.9	.9	.5												81	81	49	47
50/ 49	.9	1.0	1.0	.6	.5	.5	.2											75	75	55	57
48/ 47	.7	1.7	.9	.9	1.2	.7	.1											99	99	80	55
46/ 45	.1	1.6	2.0	1.2	.6	.3	.1											96	96	101	58
44/ 43	.1	1.5	2.1	1.6	1.0													102	102	67	43
42/ 41	.3	2.1	2.2	1.2	1.2	.1												115	115	101	52
40/ 39	.4	2.9	3.7	1.3	.6													145	145	139	72
38/ 37	.2	2.3	2.9	.9	.4													107	107	135	100
36/ 35	.1	2.8	2.1	1.0	.7													109	109	131	101
34/ 33		1.5	2.0	.8	.1													72	72	123	93
32/ 31	.1	1.1	1.5	1.0	.1													62	62	90	128
30/ 29	.1	1.1	2.6	.4														68	68	67	109
28/ 27		.7	1.8	.4														46	46	77	98
26/ 25		.7	.7															24	24	64	88
24/ 23		.2	.4	.1														11	11	39	50
22/ 21		.2	.2															8	8	20	40
20/ 19			.1															2	2	6	71
18/ 17		.2	.1															5	5	4	49
16/ 15		.1																1	1	7	30
14/ 13																				1	30
12/ 11																					21
10/ 9																					6
8/ 7																					18
6/ 5																					6
4/ 3																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 43-46,59-74 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					1
-4/ -5																					1
TOTAL	4.7	31.0	31.0	15.4	11.0	4.5	1.5	.2										1627	1627	1627	1627

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8819116	116550	71.6	17.003	1627							
Dry Bulb	3398541	72245	44.4	10.826	1627		11.7	1.1				84
Wet Bulb	286,266	66020	40.6	10.647	1627		13.4	.2				84
Dew Point	2296199	57239	35.2	13.181	1627	.1	38.6	.1				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) MAR (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75						.1												1	1		
74/ 73			.3	.2	.1	.1												12	12		
72/ 71		.2	.5	.2	.1													17	17		
70/ 69		.3	.7	.9	.2													39	39	18	1
68/ 67		.8	1.1	.9	.4	.1	.1	.1										65	65	27	21
66/ 65	.1	.6	.9	1.4	.1	.1		.1										60	60	34	29
64/ 63	.1	1.2	.8	1.1	.1	.2	.1	.1										67	67	48	32
62/ 61	.2	2.0	1.3	.7	.7	.4	.3											98	98	71	47
60/ 59	.5	1.5	.8	1.0	.9	.6	.2											100	100	89	64
58/ 57	.9	2.4	.4	.2	.6	.5	.1											104	105	99	106
56/ 55	.4	1.5	.9	.8	.8	.4	.3											93	93	87	86
54/ 53	.4	1.1	1.1	1.0	.5	.7	.1											93	93	76	65
52/ 51	.3	1.8	1.5	1.0	.3	.1	.2											106	106	99	79
50/ 49	.3	1.1	1.4	1.2	.8	.5												98	99	103	75
48/ 47	.1	1.6	1.8	1.2	1.0	.3												110	111	84	57
46/ 45	.2	2.3	1.5	1.6	.1	.1												106	106	100	66
44/ 43	.1	2.0	2.3	.9	.3	.2												105	105	124	92
42/ 41	.1	1.0	2.7	1.2	.3	.1												109	109	115	101
40/ 39	.4	1.5	3.2	.9	.1													112	112	130	115
38/ 37	.3	2.0	1.7	.5	.2													88	88	111	86
36/ 35	.1	1.8	1.3	.4	.1													72	72	119	120
34/ 33		1.6	1.4	.3	.1													66	66	85	108
32/ 31		1.7	1.1	.2	.1													57	57	76	103
30/ 29		.5	.4	.1														19	19	63	123
28/ 27	.1	.4	.4															16	16	33	55
26/ 25	.1	.5	.3															15	15	21	59
24/ 23	.1	.2	.1															5	5	14	43
22/ 21		.1	.1															2	2	6	33
20/ 19		.1	.1															3	3	2	19
18/ 17		.1																2	2	3	25
16/ 15																				3	9
14/ 13																					10
12/ 11																					3
10/ 9																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45.39-74 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					5
4/ 3																					1
2/ 1																					1
TOTAL	5.4	32.7	30.7	17.9	7.8	4.1	1.4	.2											1843		1840
																		1840		1840	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10946067	139247	75.7	14.893	1840							
Dry Bulb	4739939	91095	49.4	11.351	1843		6.0	6.8	.7			93
Wet Bulb	4077396	84194	45.8	11.058	1840		11.2	2.3				93
Dew Point	3486197	76567	41.6	12.773	1840		24.8	1.1				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) MAR (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
74/ 73			.2	.1	.1													5	5		
72/ 71		.1	.3	.1	.1													11	11		
70/ 69	.1	.2	.9	.2														24	24	13	3
68/ 67	.3	.8	.4	.2				.1										27	27	10	12
66/ 65		1.4	1.6	.2	.1	.1												63	63	45	26
64/ 63	.2	1.5	1.1	.4	.1													59	59	35	35
62/ 61	.3	1.2	1.4	.4	.4	.1	.1											73	73	64	44
60/ 59	.8	2.4	.9	.6	.4													94	94	66	67
58/ 57	.3	2.2	1.0	.4	.4	.2												87	87	93	73
56/ 55	1.1	1.8	1.3	.8	.5	.2	.2											108	108	86	100
54/ 53	.5	2.1	.9	.7	.4	.2	.2											89	89	89	66
52/ 51	1.1	2.3	1.3	1.0	.5													114	114	100	70
50/ 49	.5	1.6	1.4	.7	.4	.2												89	89	84	93
48/ 47	.2	1.0	1.4	.8	.7	.2												79	81	91	73
46/ 45	.4	1.5	2.5	.8	.6	.1												108	110	78	61
44/ 43	.4	3.0	1.9	.7	.3													117	117	100	60
42/ 41	.1	2.1	2.3	.7	.2													98	98	131	86
40/ 39	.4	2.6	2.9	.6	.2													124	124	106	116
38/ 37	.4	2.9	1.4	.4	.1													95	95	122	107
36/ 35	.4	3.5	1.5	.1														109	109	136	112
34/ 33	.2	2.2	1.4	.4														77	77	105	104
32/ 31	.1	3.0	1.6	.2														91	91	86	103
30/ 29		1.5	.5	.1														39	39	78	110
28/ 27		.7		.1														14	14	59	73
26/ 25	.1	.6	.1															17	17	15	85
24/ 23	.1	.9	.1															19	19	22	46
22/ 21	.1																	1	1	16	31
20/ 19			.1															2	2	1	26
18/ 17		.3	.1															7	7	1	26
16/ 15																				8	13
14/ 13																					6
12/ 11																					2
10/ 9																					5
8/ 7																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | MAR 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
6/ 5																					1
4/ 3																					2
2/ 1																					2
TOTAL	8.	43.7	30.5	10.7	5.2	1.2	.4	.1											1844		1840
																		1840		1840	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	120827?9	146985	79.9	13.620	1840							
Dry Bulb	4344545	R6899	47.2	11.411	1844		9.6	3.4	.3			93
Wet Bulb	38?2649	81587	44.3	11.305	1840		14.5	1.2				93
Dew Point	3393629	75497	41.0	12.860	1840		26.9	.8				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB, MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | MAR MONTH

PAGE 1 | (1-0)-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.1													1	1		
76/ 75				.1														1	1		
74/ 73				.2														4	4		
72/ 71		.2	.4	.3														15	15	1	
70/ 69		.2	.9	.3														26	26	6	3
68/ 67	.1	.7	.9			.1												31	31	23	6
66/ 65	.1	1.3	1.4	.1	.1	.1												56	56	43	38
64/ 63	.1	1.5	.3	.5	.2		.1	.1										57	57	46	41
62/ 61	.4	1.7	.9	.6	.4	.2												76	76	56	49
60/ 59	.8	2.8	.8	.4	.3	.3	.2	.1										105	105	66	67
58/ 57	.5	2.6	1.1	.6	.4	.2	.1											100	101	88	72
56/ 55	.4	1.6	1.5	.7	.5	.2												99	99	89	80
54/ 53	1.0	2.3	1.3	.8	.6		.1											110	110	97	80
52/ 51	.7	1.9	1.0	.9	.9	.1												100	102	102	79
50/ 49	.3	1.7	1.0	1.2	.4	.2												88	88	83	80
48/ 47	.4	1.3	2.1	1.4	.7	.1	.1											108	108	91	69
46/ 45	.3	1.6	1.8	.7	.8	.1												96	98	94	68
44/ 43	.1	2.2	2.2	1.4	.5	.1												130	132	118	82
42/ 41	.4	2.2	1.9	.7	.4													103	103	115	78
40/ 39	.1	1.7	2.3	.5	.2													94	94	115	99
38/ 37	.4	2.6	1.1	.5	.2													88	88	101	114
36/ 35	.7	2.2	1.7	.8														99	99	125	118
34/ 33	.4	2.5	1.3	.3														82	82	98	95
32/ 31	.1	2.2	.8	.6														67	67	91	111
30/ 29	.1	1.5	.5	.1														38	38	70	87
28/ 27	.2	.6	.2	.1														19	19	48	76
26/ 25		.4	.2															11	11	22	73
24/ 23		.7	.1															13	13	16	40
22/ 21	.1	.1	.1															3	3	14	32
20/ 19		.2																3	3	2	32
18/ 17		.2	.1															4	4	3	18
16/ 15		.1																2	2	3	18
14/ 13																				3	7
12/ 11																					8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
10/ 9																					4
8/ 7																					4
4/ 3																					3
2/ 1																					1
TOTAL	8.5	40.7	28.0	13.9	6.7	1.5	.4	.2										1829	1836	1829	1829

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11723299	143947	78.7	14.687	1829							
Dry Bulb	4439193	87869	47.9	11.290	1836		8.1	4.0	.3			93
Wet Bulb	3905117	81965	44.8	11.264	1829		13.8	1.5				93
Dew Point	3413744	75314	41.2	13.073	1829		26.1	.5				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81						.1			.1									2	2		
80/ 79					.2	.1	.1				.1							8	8		
78/ 77				.1	.2	.2	.3	.1			.2							18	18		
76/ 75			.1	.4	.4	.7	.1	.1	.2	.2								39	39		
74/ 73		.1	.2	.8	.5	.7	.4	.1	.2	.2	.1							58	58	1	
72/ 71		.1	.5	1.3	.7	.2	.4	.2	.3	.2	.1							73	73	11	3
70/ 69		.2	.7	.9	.5	.5	.4	.4	.1	.2								70	70	18	4
68/ 67		.5	1.0	.6	.9	.7	.4	.2	.7	.2								94	94	53	13
66/ 65		.5	.7	1.0	.8	.8	.5	.6	.2	.1	.1							94	94	81	42
64/ 63	.2	1.1	.8	1.1	.5	.5	.9	.9	.3									115	115	71	54
62/ 61	.3	1.5	1.0	1.0	.7	.9	.5	.8	.3									128	128	84	78
60/ 59	.4	1.5	1.2	.7	.3	.7	1.1	.3	.1									127	127	107	94
58/ 57	.3	1.1	.8	.5	.5	1.0	1.2	.3	.2									110	110	119	69
56/ 55	.4	1.1	.5	.4	.9	1.5	.9	.4	.1									115	115	107	87
54/ 53	.3	.9	.4	.9	.9	1.1	.5	.3										99	99	103	94
52/ 51	.2	.7	1.1	.5	1.1	1.2	.6	.1										102	102	102	72
50/ 49		.9	.7	.8	1.4	1.1	.4											98	98	90	67
48/ 47		.7	.8	1.4	1.4	.7	.2											95	95	138	53
46/ 45	.1	.8	.6	1.2	1.0	.6	.2											82	82	112	89
44/ 43	.2	.7	.8	1.2	1.0	.7	.1											85	85	116	68
42/ 41		.8	.7	.7	.8	.3												60	60	112	78
40/ 39	.1	.5	.8	1.2	.8	.2												65	65	120	75
38/ 37	.1	.3	.3	.5	.5	.1												32	32	83	104
36/ 35		.1	.3	.7	.1	.1												22	22	60	90
34/ 33		.5	.2	.3	.1	.1												19	19	50	105
32/ 31		.4	.1	.4	.1													16	16	43	92
30/ 29		.1	.3	.1	.1													10	10	30	94
28/ 27			.2															3	3	11	54
26/ 25				.1														1	1	12	70
24/ 23			.1															1	1	5	48
22/ 21			.1															1	1	1	29
20/ 19			.1															2	2	1	27
18/ 17			.1															1	1	1	40
16/ 15																				3	20

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	> 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					8
12/ 11																					5
10/ 9																					8
8/ 7																					3
6/ 5																					2
4/ 3																					3
2/ 1																					2
0/ -1																					1
TOTAL	2.4	15.0	14.8	18.7	18.9	14.4	9.2	4.7	2.5	.9	.5						1845	1845	1845	1845	1845

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7863215	114809	62.2	19.746	1845							
Dry Bulb	6034110	103460	56.1	11.229	1845		1.8	18.2	0.3	.2		93
Wet Bulb	4707617	91089	49.4	10.684	1845		5.4	4.2	.1			93
Dew Point	3631229	77657	42.1	14.023	1845	.1	25.5	1.0				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87											.1							1	1		
86/ 85								.1	.1		.1		.1					4	4		
84/ 83							.1	.3	.2	.1			.1	.1				1	12		
82/ 81						.1	.2	.5	.3	.1	.1	.4	.1					33	33		
80/ 79						.5	.7	.8	.5	.3	.4	.1						59	59		
78/ 77				.1	.3	1.4	.7	.7	.8	.5	.2	.1						65	85		
76/ 75				.1	.5	1.1	.4	.8	.4	.2	.4	.1						76	76		
74/ 73				.5	.5	.2	.7	1.1	.3	.4	.6	.3						85	85		
72/ 71		.1	.3	.7	.7	.5	.6	.4	.2	.5	.5	.3						88	88	10	
70/ 69		.1	.6	1.1	.7	.8	.6	.7	.7	1.1	.3	.1						122	122	37	2
68/ 67		.3	1.0	1.1	.9	.8	.7	.7	.9	1.0	.2							138	138	87	11
66/ 65		.2	.7	.5	.8	.9	.7	.8	.9	.8								115	115	92	40
64/ 63	.1	.7	.9	.5	.5	.7	.8	.8	.8	.3								109	109	91	63
62/ 61	.2	.4	.4	.3	.2	.5	1.0	1.2	1.1	.1								100	100	136	79
60/ 59	.2	.7	.5	.5	.4	.6	1.3	1.7	.6									120	120	114	98
58/ 57	.2	.6	.2	.4	.8	1.0	.9	1.2	.4									106	106	104	70
56/ 55	.1	.3	.4	.3	.9	.7	1.0	1.0	.1									92	92	95	91
54/ 53	.1	.3	.6	.3	.5	.9	.9	.3	.1									76	76	109	69
52/ 51		.4	.7	.4	.4	1.1	1.3	.2										82	82	109	75
50/ 49		.3	.4	.6	.8	1.1	.6	.2										75	75	137	69
48/ 47	.1	.7	.2	.3	.4	.8	.4	.1										52	52	131	72
46/ 45		.7	.2	.5	.7	.8	.2											56	56	128	72
44/ 43		.7	.3	.3	.5	.5	.1											43	43	105	84
42/ 41	.1	.2	.2	.4	.4	.3	.2											33	33	86	70
40/ 39	.2	.4	.4	.1	.3	.1	.1											25	25	89	83
38/ 37	.1	.2	.3	.2	.1													14	14	52	75
36/ 35		.2	.2	.1	.1													10	10	47	82
34/ 33		.3	.4	.3														17	17	27	78
32/ 31		.2	.1	.1	.1													6	6	23	114
30/ 29		.1		.1														2	3	18	86
28/ 27				.1														1	1	5	73
26/ 25				.1														1	1	2	87
24/ 23				.1														1	1	1	53
22/ 21																				1	31

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																				2	48
18/ 17																					21
16/ 15																					13
14/ 13																					10
12/ 11																					5
10/ 9																					6
8/ 7																					6
6/ 5																					1
4/ 3																					1
0/ -1																					2
TOTAL	1.2	7.7	8.9	10.2	11.5	15.2	14.1	13.2	8.3	5.4	2.8	1.2	.3	.1				1840	1.40	1840	1840

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5751045	95591	52.0	20.660	1840							
Dry Bulb	7250499	113511	61.7	11.611	1840		.6	35.5	17.9	4.3		93
Wet Bulb	5138761	95445	51.9	10.106	1840		2.6	6.8				93
Dew Point	3596908	77152	41.9	14.028	1840	.1	28.2	.7				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | MAR 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
88/ 87										.1	.1	.1						4	4		
86/ 85								.1	.2	.1	.1			.1				10	10		
84/ 83							.1	.1	.4	.3	.2		.2	.1				25	25		
82/ 81							.4	.7	.5	.1	.3	.5	.3					52	52		
80/ 79						.4	.4	.4	.9	.5	.3	.2						56	56		
78/ 77					.3	.8	.7	.3	.5	.8	.5	.2						74	74		
76/ 75				.2	.5	.4	.2	.9	.7	.9	.4	.4						84	84		
74/ 73				.5	1.1	.3	.3	.8	.4	.5	.4	.5						98	98		
72/ 71			.2	.6	.8	.6	.7	.4	.5	.6	.4	.2						92	92	7	
70/ 69			.1	.7	1.2	.6	.7	.3	.9	1.4	.7	.1						121	121	34	
68/ 67		.3	.7	.4	.9	.4	.5	.8	.9	1.3	.4							120	120	85	5
66/ 65	.1	.7	.8	.1	.5	.7	1.0	.3	1.0	.7	.2							112	112	77	33
64/ 63	.3	.5	.7	.5	.2	.8	.9	1.0	1.4	.7	.1							127	127	101	59
62/ 61	.1	.5	.6	.3	.4	.3	1.0	1.1	1.2	.2								106	106	124	64
60/ 59	.1	.8	.9	.5	.9	.4	1.1	2.2	.8	.1								142	142	119	72
58/ 57	.2	.7	.5	.2	.3	.6	.6	.9	.4	.1								82	82	120	79
56/ 55	.2	.7	.4	.3	.7	.6	1.1	1.0	.2									91	91	98	93
54/ 53		.2	.4	.3	.3	.7	1.3	.8	.1									71	71	137	76
52/ 51	.1	.4	.4	.3	.7	1.4	1.2	.6										92	92	114	76
50/ 49	.1	.5	.3	.2	.5	.7	.8	.1										57	57	133	72
48/ 47		.5	.1	.1	.2	.9	.3	.1										41	41	137	70
46/ 45		.4	.3	.4	.5	.8	.4											51	51	120	76
44/ 43	.1	.5	.3	.1	.3	.1	.1											31	31	86	84
42/ 41	.1	.3	.4	.2	.3	.3												28	28	103	69
40/ 39	.1	.4	.3		.3	.1												22	22	91	66
38/ 37		.2	.4	.2														15	15	47	87
36/ 35	.1	.1	.1	.1	.2													8	8	38	85
34/ 33		.1	.4	.1	.1													13	13	25	91
32/ 31		.2	.3															9	9	18	97
30/ 29		.1																1	1	9	109
28/ 27				.1														1	1	12	65
26/ 25																					77
24/ 23																				1	57
22/ 21			.1															2	2		52

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,50-74 YEARS | MAR MONTH

PAGE 4 | 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
20/ 19																				2	41
18/ 17																					27
16/ 15																					17
14/ 13																					8
12/ 11																					5
10/ 9																					9
8/ 7																					5
6/ 5																					2
TOTAL	1.2	8.3	8.8	6.4	10.6	11.7	13.9	12.9	11.2	6.2	3.9	2.2	.4	.2				1838	1838	1838	1838

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5382743	91277	49.7	21.509	1838							
Dry Bulb	7461870	115156	62.7	11.596	1838		.7	37.2	20.4	5.9		93
Wet Bulb	5153425	95661	52.0	9.750	1838		2.1	6.4				93
Dew Point	3488016	75910	41.3	13.860	1838		28.9	.3				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 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
84/ 83									.1	.1	.1							3	3		
82/ 81							.1		.1	.1								4	4		
80/ 79						.2	.1		.2			.1						11	11		
78/ 77					.3	.3	.3	.5	.2	.2	.1							33	33		
76/ 75				.1	.4	.5	.4	.4	.2	.1								39	39		
74/ 73			.1	.7	.4	.3	.5	.5	.2	.2	.1							56	56		
72/ 71			.6	.3	.7	.5	.7	.3	.4	.2	.1							67	67	1	
70/ 69		.1	.5	.3	.4	.8	1.0	.3	.4	.2								72	72	17	
68/ 67		.5	.5	.8	.8	.8	.4	.5	.3	.2	.1							90	90	50	7
66/ 65		.9	.8	.9	.8	1.0	.3	.8	.4	.1								110	110	49	34
64/ 63	.2	1.5	.5	.8	.9	1.0	.9	.7	.4	.1								127	127	86	52
62/ 61	.3	1.4	1.0	.5	.9	.4	1.1	.7	.3									121	121	98	66
60/ 59	.1	1.4	.7	.7	.9	.9	1.0	.6	.2									116	116	127	68
58/ 57	.5	1.0	.8	.4	.9	1.6	1.4	.8										137	137	124	88
56/ 55	.2	.5	.8	1.0	1.6	1.8	1.1	.3										135	135	92	83
54/ 53	.2	.6	.7	.5	.9	1.5	.5	.2										96	96	98	84
52/ 51	.1	.7	.4	.7	1.7	1.0	.7	.1										97	97	107	85
50/ 49		.6	.9	.7	1.1	1.2	.3	.1										89	89	125	80
48/ 47	.1	.9	.3	1.5	1.5	.9	.3											98	98	130	66
46/ 45	.1	.9	.6	1.0	1.0	.7	.1											81	81	145	73
44/ 43	.1	.2	1.1	.8	1.0	.4	.1											68	68	115	85
42/ 41	.2	.6	.4	.8	.7	.3												56	56	105	92
40/ 39		.3	.7	.5	.7													41	41	112	89
38/ 37	.1	.4	.4	.7	.1													30	30	67	92
36/ 35	.2	.4	.2	.3	.1													21	21	69	135
34/ 33		.1	.3	.2	.1													11	11	49	89
32/ 31		.2	.2	.3														12	12	28	100
30/ 29		.1	.2	.1														6	6	12	87
28/ 27		.2																4	4	15	55
26/ 25		.1	.1															2	2	10	55
24/ 23			.1															1	1	1	50
22/ 21			.1															1	1	1	38
20/ 19																				1	32
18/ 17																				1	14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45.59-74 YEARS | MAR 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
16/ 15																					16
14/ 13																					11
12/ 11																					1
10/ 9																					4
8/ 7																					2
6/ 5																					4
TOTAL	2.1	13.3	12.9	14.9	17.9	16.0	11.3	6.7	3.3	1.3	.4	.1						1835	1835	1835	1835

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7320096	110236	60.1	19.337	1835							
Dry Bulb	6193475	104707	57.1	10.322	1835		1.3	19.0	7.6	.7		93
Wet Bulb	4720620	91250	49.7	9.984	1835		3.5	3.4				93
Dew Point	3562479	77263	42.1	12.987	1835		23.7	.4				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.1		.2		.1									6	6		
76/ 75			.1	.2	.1	.1	.2	.1										12	12		
74/ 73				.1	.5	.2	.1	.1										15	15		
72/ 71		.3	.7	.3	.7	.7	.2	.1	.1									52	52	3	
70/ 69	.1	.2	.5	.6	.9	.6	.2	.2										58	58	13	4
68/ 67		.4	.8	.5	1.1	.3	.4	.1	.1									66	66	16	13
66/ 65	.1	.8	.9	.8	1.1	.4	.3	.2										84	84	52	21
64/ 63	.5	1.5	.7	.6	.8	.2	.4											87	87	71	42
62/ 61		2.3	.9	.5	.6	.4	.7											99	99	90	61
60/ 59	.4	1.8	1.1	.8	.6	1.2	.6											119	119	102	73
58/ 57	.8	1.4	.8	.7	.4	1.1	.5	.1										107	107	115	98
56/ 55	.3	1.0	1.3	.7	1.2	.7	.4											103	103	86	97
54/ 53	.7	.9	1.1	1.7	.9	.4	.4											115	115	92	79
52/ 51	.2	.5	1.3	1.6	1.1	.5	.4											113	113	84	66
50/ 49	.1	1.3	2.0	1.8	1.4	.7	.2											137	137	111	71
48/ 47		1.2	1.1	1.7	.8	.5	.1											99	99	133	75
46/ 45	.1	1.4	1.4	2.0	.5	.3												103	103	135	89
44/ 43	.1	.7	2.0	1.7	.5	.1												93	93	101	81
42/ 41	.3	.9	2.4	1.3	.5	.1												100	100	129	104
40/ 39		.6	1.6	1.2	.6													75	75	127	108
38/ 37		1.0	1.8	.7	.1													65	65	101	83
36/ 35		.9	1.4	.7														54	54	66	134
34/ 33		.6	.9	.2														34	34	89	107
32/ 31		.1	.5	.2														15	15	59	97
30/ 29		.2	.2	.2														12	12	24	39
28/ 27	.1	.2	.4															12	12	19	62
26/ 25		.3																5	5	12	53
24/ 23		.1	.1															2	2	10	40
22/ 21			.2															3	3	2	35
20/ 19																					25
18/ 17																				3	12
16/ 15																					9
14/ 13																					7
12/ 11																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 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
10/ 9																					1
8/ 7																					1
6/ 5																					3
TOTAL	3.	21.	25.8	20.7	14.8	8.3	5.0	.8	.2										1845		1845
																		1345		1845	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9482231	128721	69.8	16.494	1845							
Dry Bulb	5320613	96997	52.6	10.952	1845		2.5	10.5	1.7			93
Wet Bulb	4388934	87894	47.6	10.460	1845		6.5	1.6				93
Dew Point	3594258	78076	42.3	12.540	1845		22.1	.9				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-70,72-74 (YEARS) APR (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.1													2	2		
76/ 75		.2	.1	.2														9	9		
74/ 73		.4	.6	.6	.2													36	36	6	3
72/ 71		.1	.8	1.0	.6													45	45	12	7
70/ 69	.1	.8	1.5	1.8	.5	.3	.1											91	91	28	14
68/ 67	.2	1.3	3.9	1.5	.8	.3	.1		.1									152	152	55	40
66/ 65	.7	3.1	2.6	2.1	1.0	.7	.1	.1										187	187	121	64
64/ 63	1.4	2.8	1.9	1.3	.6	.8	.2	.1										164	164	185	140
62/ 61	.8	3.4	1.5	1.2	.7	.9	.1											148	148	142	142
60/ 59	.5	3.2	1.8	1.1	.7	.3	.1											140	140	158	136
58/ 57	.4	1.5	1.4	1.2	.4	.7		.1										101	101	128	132
56/ 55		2.0	1.8	1.3	.8	.2	.1											110	110	102	103
54/ 53	.3	2.2	2.0	1.2	.8	.5	.1											126	126	120	105
52/ 51	.2	1.5	1.7	.8	.6	.1												86	86	130	98
50/ 49	.3	1.7	1.8	1.0	.2													91	91	114	106
48/ 47	.2	2.0	1.0	.6	.3													75	75	110	114
46/ 45	.4	1.4	1.0	.5	.2													74	74	109	98
44/ 43	.1	1.6	.8	.6	.2													58	58	72	105
42/ 41	.1	1.0	1.0	.3														44	44	73	77
40/ 39	.1	.6	.2	.1														30	30	49	70
38/ 37	.1	.4	.3															16	16	38	75
36/ 35	.1	.1	.1															4	4	30	47
34/ 33		.1																1	1	8	46
32/ 31																					32
30/ 29																					25
28/ 27																					8
26/ 25																					3
TOTAL	6.1	31.6	29.3	18.3	8.9	4.9	.7	.2	.1										1790		1790
																		1790		179	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11486201	141297	79.0	13.513	1789							
Dry Bulb	6211006	104240	58.2	8.866	1790			10.8	2.4			90
Wet Bulb	5457533	97581	54.5	8.781	1790			5.1	.3			90
Dew Point	4909626	91974	51.4	10.136	1790		3.4	3.2	.2			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-70,72-74 YEARS | APR MONTH

PAGE 1 | 0300-0900 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
74/ 73	.1	.4	.1	.1	.2													14	14	4	3
72/ 71	.1	.7	.6	.4	.1													34	34	9	10
70/ 69	.1	1.1	1.6	.3														56	56	20	10
68/ 67	.3	1.6	2.3	.5														83	83	40	31
66/ 65	.5	4.1	3.0	.4	.2	.1												148	148	92	56
64/ 63	1.1	5.2	1.7	.5	.5	.1	.1											164	164	158	128
62/ 61	1.1	3.9	2.2	.6	.4	.1												149	149	159	140
60/ 59	1.1	3.5	1.8	.9	.7	.2	.1											147	147	122	141
58/ 57	.5	2.9	2.1	1.2	.4	.1	.1											130	130	131	112
56/ 55	.3	2.2	2.0	1.3	.2	.2												112	112	108	121
54/ 53	.2	2.5	2.3	1.2	.6	.2												123	123	107	70
52/ 51	.2	2.9	1.8	.4	.4	.1												99	99	124	92
50/ 49	.2	2.0	2.5	.9	.3													104	104	124	108
48/ 47	.1	2.3	1.3	.8	.1													82	82	96	111
46/ 45	.6	2.2	1.1	.6	.1													82	82	114	118
44/ 43	.5	2.2	1.0	.2														69	69	94	103
42/ 41	.4	2.4	.7	.4	.2													72	72	88	90
40/ 39	.3	1.3	.6	.4														51	51	73	75
38/ 37	.3	.8	.7	.1														33	33	38	80
36/ 35	.1	1.0	.2															23	23	43	58
34/ 33	.1	.3	.1															7	7	32	50
32/ 31		.1																2	2	8	37
30/ 29																					21
28/ 27																					13
26/ 25																					3
24/ 23																					3
TOTAL	8.2	45.1	29.9	11.2	4.6	.9	.2											1784		1784	1784
																			1784		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12691448	149090	83.6	11.405	1784							
Dry Bulb	5695294	99462	55.8	9.174	1784		.1	9.4	.7			90
Wet Bulb	5167896	94586	53.0	9.264	1784		.4	3.7	.2			90
Dew Point	4764896	90338	50.6	10.334	1784		3.9	2.7	.2			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-70,72-74 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.1			.1												2	2		
76/ 75		.1	.3	.1	.2													14	14		
74/ 73		.2	.4	.6	.3													28	28	5	3
72/ 71	.1	.6	1.0	1.2	.2	.1	.1											57	57	17	11
70/ 69	.2	1.0	2.6	.8	.2	.2												9	90	29	19
68/ 67	.4	2.5	3.4	1.0	.6	.4	.2	.1										153	153	77	41
66/ 65	.7	4.1	2.9	1.1	.7	.2	.2											175	175	135	92
64/ 63	.8	3.8	1.6	1.2	.7	.3	.1	.1										154	154	174	138
62/ 61	1.0	3.6	1.1	1.0	1.1	.3	.2	.1										147	147	147	160
60/ 59	.7	2.5	1.9	1.5	1.2	.5	.1	.1										149	149	134	138
58/ 57	.1	1.7	1.9	2.0	.7	.2	.1											120	120	120	92
56/ 55	.1	1.8	1.9	1.3	1.0	.2												112	112	102	100
54/ 53		1.0	2.2	1.3	.6	.2												104	104	116	78
52/ 51	.3	1.4	1.9	1.7	.6	.1												107	107	136	98
50/ 49	.2	1.5	1.6	.6	.3	.2												80	80	111	115
48/ 47		1.2	1.6	1.0	.4	.1												75	75	114	104
46/ 45	.2	1.5	1.4	.7	.3													72	72	86	99
44/ 43	.3	.9	.8	.7	.1													49	49	82	104
42/ 41	.1	1.2	.7	.1	.2													41	41	64	88
40/ 39	.1	.4	.2	.3	.1													20	20	55	71
38/ 37	.1	.7	.2															18	18	35	59
36/ 35	.1	.4	.1	.1														10	10	20	56
34/ 33		.2																3	3	16	43
32/ 31																				5	33
30/ 29																					18
28/ 27																					10
26/ 25																					6
24/ 23																					1
22/ 21																					1
20/ 19																					2
TOTAL	5.4	33.0	29.9	18.3	9.4	3.0	.8	.3										1780	1780		1780
																				1780	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1147936	140962	79.2	13.334	1780							
Dry Bulb	6201675	103877	58.4	8.860	1780			17.4	2.2			90
Wet Bulb	5475263	97405	54.7	9.030	1780		.3	6.5	.3			90
Dew Point	4936758	91856	51.6	10.512	1780		3.6	3.7	.2			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,29-70,72-74 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87									.1									1	1		
86/ 85						.1		.1	.1	.1								5	5		
84/ 83					.1		.3	.2	.2									13	13		
82/ 81				.1	.3	.4	.9	.2	.2	.2	.1	.1						48	48		
80/ 79			.1	.2	.4	.8	.9	.6	.6	.2								70	70		
78/ 77			.2	.6	1.6	1.7	1.1	.7	.5	.3	.2	.1						126	126		
76/ 75		.1	.2	1.1	1.7	1.2	1.0	1.1	.5	.3	.1							129	129	6	
74/ 73		.1	.7	1.6	1.9	1.1	1.2	1.0	.4	.4	.2							155	155	24	5
72/ 71		.3	.8	1.8	1.2	.8	.9	1.1	.8	.3	.1	.1	.1					146	146	48	18
70/ 69	.1	.6	1.4	1.5	1.3	1.5	1.2	1.5	.4	.2	.1							173	173	121	26
68/ 67	.2	1.2	1.4	.8	.8	1.3	1.3	1.0	.8	.1								161	161	154	72
66/ 65	.6	1.6	1.3	.6	.8	1.5	1.2	.6	.4									151	151	184	136
64/ 63	.2	1.5	.5	.5	.9	1.6	.8	.6	.2									123	123	173	143
62/ 61	.3	.8	.9	.5	1.0	.9	1.0	.4	.2									99	99	146	154
60/ 59	.2	.6	.1	.7	.7	1.0	.8	.2										75	75	128	119
58/ 57		.5	.6	.3	.9	.7	.9	.2										75	75	117	86
56/ 55	.1	.4	.4	.4	.9	.6	.7	.2										65	65	145	82
54/ 53	.1	.4	.2	.5	.9	.8	.4											60	60	116	93
52/ 51		.4	.2	.6	.8	.6	.2											51	51	99	103
50/ 49		.2	.3	.4	.4	.3	.1											32	32	92	83
48/ 47		.1	.1	.2	.3	.2	.1											15	15	72	91
46/ 45				.3	.1	.1												8	8	57	94
44/ 43				.1	.1	.1												3	3	48	83
42/ 41			.1															1	1	30	77
40/ 39																				19	67
38/ 37																				3	52
36/ 35																				2	53
34/ 33																				1	49
32/ 31																					23
30/ 29																					31
28/ 27																					22
26/ 25																					14
24/ 23																					3
22/ 21																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-70,72-74 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19																					3
18/ 17																					1
TOTAL	1.6	8.9	9.0	12.9	17.2	17.2	14.8	10.0	5.4	2.0	.6	.2	.1					1785	1785	1785	1785

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7149187	108243	60.6	18.113	1785							
Dry Bulb	8225436	120218	67.3	8.499	1785			51.8	27.6	4.9		90
Wet Bulb	6301461	105033	58.8	8.239	1785			17.8	1.5			90
Dew Point	5088771	93103	52.2	11.420	1785		5.0	6.1	.3			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-70,72-74 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
92/ 91											.1							1	1		
90/ 89										.1	.1							3	3		
88/ 87							.1	.2	.1	.2	.3							16	16		
86/ 85				.1	.1	.3	.5	.4	1.1	.7	.3	.3	.2					73	73		
84/ 83					.4	.7	.8	1.5	1.5	.9	.7	.4	.1					125	125		
82/ 81				.1	.2	.8	1.7	2.1	1.8	1.0	.8	.5	.2					162	162		
80/ 79				.2	.4	1.6	1.5	1.8	.9	1.3	1.1	.2	.1					162	162	1	
78/ 77			.1	.3	1.2	.6	1.3	1.2	1.7	1.3	.7	.5						159	159	2	
76/ 75			.3	.8	1.3	.8	.6	1.1	1.4	1.2	.7	.2	.2					153	153	19	1
74/ 73			.4	.4	.7	.5	.6	1.1	1.1	1.1	.2		.1					112	112	37	6
72/ 71		.3	.3	.7	.7	1.1	1.4	.7	1.2	.7	.4							134	134	75	17
70/ 69	.1	.7	1.0	1.0	.2	.6	.8	1.5	1.3	.7	.2							143	143	183	46
68/ 67	.2	.4	1.1	.4	.4	.6	.8	1.1	.8	.4								107	107	174	66
66/ 65	.1	.0	.7	.2	.3	.7	.6	1.2	.8	.2	.1							97	97	158	103
64/ 63	.2	.7	.4	.3	.2	.6	.8	.7	.4	.1								77	77	163	143
62/ 61	.1	.3	.2	.2	.1	.7	.8	.5	.4									61	61	162	122
60/ 59		.6	.3	.2	.2	.4	.3	1.2	.2									60	60	159	119
58/ 57		.3	.4		.2	.3	.6	.3	.1									39	39	153	117
56/ 55	.1	.4	.3	.2	.1	.2	.7											36	36	113	76
54/ 53	.1	.3	.2	.2	.2	.4	.6	.3										37	37	112	95
52/ 51	.1		.2		.5	.1	.1	.1										19	19	88	101
50/ 49			.1	.1	.1	.1												5	5	64	97
48/ 47		.2																3	3	45	90
46/ 45																				45	91
44/ 43																				37	78
42/ 41																				11	87
40/ 39																				3	84
38/ 37																					41
36/ 35																					49
34/ 33																					39
32/ 31																					38
30/ 29																					33
28/ 27																					19
26/ 25																					13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-70,72-74 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23																					4
22/ 21																					4
18/ 17																					3
16/ 15																					1
14/ 13																					1
TOTAL	.3	4.9	5.9	5.3	7.2	11.0	14.6	10.8	14.6	9.9	5.7	2.2	.8						1784		1784
																		1784		1784	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5242804	90848	50.9	18.594	1784							
Dry Bulb	9547774	129580	72.6	8.727	1784			68.1	48.7	23.6		90
Wet Bulb	6688756	108358	60.7	7.755	1784			24.8	3.0			90
Dew Point	5027490	92458	51.8	11.498	1784		5.9	6.9	.4			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-70,72-74 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91											.1							1	1		
90/ 89										.1	.2							4	4		
88/ 87							.1	.2	.1	.7	.1	.1	.1					25	25		
86/ 85						.2	.7	.2	1.8	.8	.4	.3	.4					88	88		
84/ 83					.3	.3	1.0	1.6	2.2	.8	1.3	.5	.2	.1				148	148		
82/ 81				.1	.3	.3	1.9	1.5	1.9	1.5	1.5	.7	.2					174	174		
80/ 79			.1		.7	1.3	1.5	1.0	1.3	1.1	1.5	.7	.1	.1				166	166		
78/ 77				.2	1.0	1.1	.9	.2	1.3	1.1	1.4	1.0	.2					147	147	1	
76/ 75			.2	.6	.7	.6	.9	.7	1.8	1.9	.8	.2						149	149	21	1
74/ 73		.1	.3	.6	.7	.7	.7	1.4	.7	1.3	.4							123	123	32	3
72/ 71		.4	.6	.6	.4	.3	.7	1.0	1.3	1.1	.9	.2						136	136	70	21
70/ 69	.1	.5	1.7	.9	.6	.3	.8	.6	1.0	1.3	.1							145	145	189	36
68/ 67	.1	.7	.6	.3	.1	.4	.8	1.2	.7	.1	.2							94	94	179	66
66/ 65	.2	.5	.3	.3	.1	.1	.6	.7	.8	.3	.1							73	73	175	106
64/ 63	.1	.7	.4		.5	.3	.6	1.1	.4	.1								75	75	156	128
62/ 61	.2	.4	.2	.2	.2	.7	.7	.3	.7	.1								65	65	137	130
60/ 59	.1	.3	.2	.1	.3	.2	.6	.6	.1	.1								43	43	168	122
58/ 57		.4	.3	.1	.2	.1	.3	.5	.1									37	37	141	107
56/ 55		.6	.1	.4	.2	.5	.3	.3										45	45	121	68
54/ 53	.1	.1	.1	.4	.1	.6	.4	.1										31	31	109	73
52/ 51			.1	.1	.1	.1		.1										7	7	86	99
50/ 49		.1	.1															4	4	70	107
48/ 47																				48	77
46/ 45																				34	107
44/ 43																				31	98
42/ 41																				11	87
40/ 39																				1	76
38/ 37																					52
36/ 35																					61
34/ 33																					34
32/ 31																					31
30/ 29																					34
28/ 27																					22
26/ 25																					13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-70,72-74 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23																					6
22/ 21																					6
20/ 19																					4
18/ 17																					4
16/ 15																					1
TOTAL	.3	4.9	5.4	4.9	6.6	8.1	13.4	13.3	16.5	12.3	8.9	3.6	1.1	.1					1780		1780
																		1780		1780	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4928124	87200	49.0	19.177	1779							
Dry Bulb	9730026	130704	73.4	8.631	1780			70.8	51.8	27.3		90
Wet Bulb	6683719	108231	60.8	7.603	1780			24.9	2.7			90
Dew Point	4928129	91321	51.3	11.687	1780		6.1	0.4	.2			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-74 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	Dew Point
86/ 85							.1												1	1		
84/ 83						.1		.1	.2	.1	.1								11	11		
82/ 81			.1	.1	.1	.2	.6	.4	.2	.2		.1							32	32		
80/ 79			.1	.1	.6	.7	1.1	.8	.5	.2	.1								77	77		
78/ 77		.2	.1	.4	1.1	1.1	1.2	.9	.6	.3		.1							103	103	1	
76/ 75		.1	.2	1.2	1.5	1.6	1.3	.4	.6	.5	.2	.1							137	137	5	1
74/ 73		.1	.7	.9	1.3	1.5	1.1	1.2	.7	.5	.1								144	144	11	7
72/ 71		.4	.9	1.4	1.7	1.5	1.2	.6	.7	.4	.1								160	160	39	4
70/ 69	.1	1.0	1.7	1.1	1.0	1.2	1.9	1.4	.3	.2	.1								177	177	100	34
68/ 67	.7	1.5	2.4	.4	.7	1.1	.7	1.1	.4	.3	.1								167	167	153	73
66/ 65	.7	.9	1.9	.3	1.5	.7	1.0	.8	.5										148	148	195	111
64/ 63	.2	1.0	.7	.6	.8	.8	1.1	.5	.2	.1									107	107	189	127
62/ 61	.1	.9	.6	.7	1.6	.9	.8	.5											107	107	141	134
60/ 59	.2	.8	.6	1.3	1.0	1.0	.7	.3											107	107	128	138
58/ 57		.6	.8	.7	.8	.8	.5	.2	.1										79	79	144	114
56/ 55	.1	.6	.6	.7	.4	.6	.3												58	58	145	98
54/ 53		.7	.4	1.0	.4	.6	.2	.1											60	60	130	89
52/ 51	.1	.2	.5	.8	.4	.6	.1												48	48	102	122
50/ 49	.1	.1	.2	.4	.4	.4	.1												31	31	92	100
48/ 47		.1	.1	.2	.5	.1													17	17	72	98
46/ 45		.2	.1	.1	.2														10	10	51	86
44/ 43		.1	.1																4	4	34	81
42/ 41																					30	90
40/ 39																					19	64
38/ 37																					4	52
36/ 35																						48
34/ 33																						36
32/ 31																						29
30/ 29																						20
28/ 27																						13
26/ 25																						6
24/ 23																						8
20/ 19																						1
18/ 17																						1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.3	9.4	12.7	12.4	16.2	15.4	13.8	9.6	4.9	2.7	.6	.2						1785	1785	1785	1785

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7427033	110451	61.9	18.226	1785							
Dry Bulb	8129139	119537	67.0	8.339	1785			50.9	25.5	4.0		90
Wet Bulb	6269555	104859	58.7	7.840	1785			15.6	.9			90
Dew Point	5097920	93448	52.4	10.739	1785		3.9	6.0	.4			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-74 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.1	.2												4	4		
78/ 77			.1	.3	.3	.3	.1											19	19		
76/ 75		.2	.2	.6	.7	.3	.2											40	40		
74/ 73		.2	.7	1.1	1.5	1.0	.3	.1										85	85	8	3
72/ 71	.1	.4	1.1	1.6	1.5	1.1	.4	.1										112	112	16	7
70/ 69	.1	.9	1.5	1.5	1.5	1.0	.8	.4	.1									137	137	56	18
68/ 67	.6	1.4	2.0	2.4	1.4	.9	.9	.2	.1									177	177	83	56
66/ 65	1.2	3.1	2.4	1.3	1.2	.8	.3	.2	.1									188	188	155	87
64/ 63	.8	2.4	1.7	1.0	1.3	.8	.7	.1										159	159	181	153
62/ 61	.5	2.2	.9	1.2	.8	.7	.4	.1										122	122	181	120
60/ 59	.3	1.4	1.3	1.2	1.3	.7	.6	.1										122	122	134	155
58/ 57	.2	1.2	1.9	1.5	.7	.6	.6											118	118	122	135
56/ 55	.2	1.0	1.6	1.7	1.0	.7	.1	.1										113	113	136	96
54/ 53		1.5	1.6	1.5	.3	.3		.1										92	92	109	96
52/ 51	.3	.8	1.7	1.3	.4	.2												85	85	144	112
50/ 49		.5	1.3	1.0	.6	.2												62	62	112	110
48/ 47	.2	.7	.9	.8	.3	.1												53	53	100	109
46/ 45		.4	1.0	.8	.2													42	42	73	100
44/ 43		.3	1.0	.4	.1													30	30	54	84
42/ 41		.4	.3	.4														19	19	57	79
40/ 39		.1	.2															5	5	34	68
38/ 37		.1																2	2	20	51
36/ 35																				6	60
34/ 33																					36
32/ 31																					25
30/ 29																					15
28/ 27																					6
26/ 25																					2
24/ 23																					1
22/ 21																					1
20/ 19																					1
TOTAL	4.4	19.2	23.1	21.6	15.2	9.6	5.3	1.5	.2										1786		1786
																		1786		1786	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9927687	130285	72.9	15.406	1786							
Dry Bulb	6897411	109965	61.6	8.428	1786			28.9	7.5	.1		90
Wet Bulb	5806324	100758	56.4	8.268	1786			8.5	.4			90
Dew Point	5056772	93310	52.2	10.091	1786		2.6	4.2	.2			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-74 YEARS | MAY MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79				.1	.1	.1												4	4		
78/ 77			.1	.6	.3	.2												21	21		
76/ 75			1.1	.6	.6	.2												49	49		
74/ 73	.1	.6	1.4	1.8	.2	.1	.2											80	80	10	2
72/ 71	.2	1.8	4.1	1.5	.9	.4												170	170	56	19
70/ 69	.8	4.8	6.2	1.6	.6													267	269	132	90
68/ 67	.6	5.8	4.5	1.1	.2	.1												233	233	272	150
66/ 65	1.6	6.1	3.1	.7	.5	.1												228	231	295	298
64/ 63	1.1	5.0	1.8	.7	.2	.1												169	177	238	281
62/ 61	.8	3.9	1.1	.8	.3	.1	.1											135	138	192	198
60/ 59	.4	3.5	1.3	.4	.1	.1												108	109	131	162
58/ 57	.4	3.7	1.7	.5		.1												120	122	119	136
56/ 55	.4	2.8	1.2	.5	.1													94	99	120	117
54/ 53	.3	2.2	.7	.3	.1													67	68	91	114
52/ 51	.4	1.6	1.0	.3	.1													63	65	83	89
50/ 49	.5	1.1	.6	.4														49	49	61	77
48/ 47	.2	.6	.3															19	19	43	50
46/ 45	.2	.3	.3															14	14	26	39
44/ 43		.2																4	4	23	37
42/ 41	.1	.2																5	5	4	9
40/ 39																				3	22
38/ 37																					7
36/ 35																					1
34/ 33																					1
TOTAL	7.9	44.2	30.3	12.1	4.2	1.2	.2											1899	1926	1899	1899

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1417043	163018	85.8	9.638	1899							
Dry Bulb	7994309	123333	64.0	7.083	1926			39.9	7.4	.0		93
Wet Bulb	7228229	116463	61.3	6.720	1899			23.0	.5			93
Dew Point	6843412	113182	59.6	7.174	1899			12.8	.1			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 42-46,59-74 YEARS — MAY MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.1	.1													2	2		
76/ 75		.1	.4	.4	.2													21	21		
74/ 73		.5	1.1	.6	.3													47	47	4	
72/ 71	.1	1.6	1.5	.7	.2													77	77	27	12
70/ 69	.7	4.7	4.1	.5	.2	.1												195	195	101	64
68/ 67	1.1	7.6	4.1	.6	.1													256	256	200	137
66/ 65	1.6	7.5	3.3	.5	.2													249	249	262	238
64/ 63	1.6	5.8	1.8	.7														188	192	256	269
62/ 61	1.5	5.7	1.3	.5														170	173	203	208
60/ 59	1.4	3.4	1.2	.3	.1	.1												121	129	161	179
58/ 57	.7	3.5	1.7	.5	.1													123	124	111	140
56/ 55	1.3	2.8	1.1	.4	.1													106	115	129	114
54/ 53	.6	3.2	.9	.1	.1													93	99	107	120
52/ 51	.5	2.2	.5	.1														63	66	80	86
50/ 49	.7	2.3	.9	.2														78	79	85	93
48/ 47	.3	1.5	.4	.1														47	49	66	84
46/ 45	.5	.6	.2															28	28	53	52
44/ 43	.1	.5	.2															14	14	20	34
42/ 41	.1	.5	.1															12	12	15	26
40/ 39		.3																5	5	11	23
38/ 37	.1																	1	1	5	12
36/ 35																					4
34/ 33																					1
TOTAL	13.3	54.4	24.7	6.3	1.4	.1													1933		1896
																		1896		1896	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	151746.1	168921	89.1	8.118	1896							
Dry Bulb	7482021	119413	61.8	7.376	1933			28.8	3.4			93
Wet Bulb	6885814	113446	59.8	7.186	1896			16.3	.2			93
Dew Point	6603265	110979	58.5	7.525	1896			10.6				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83						.1												1	1		
82/ 81				.1	.3	.3												14	14		
80/ 79			.1	.4	1.1	.6	.1	.1										46	46		
78/ 77		.1	.3	1.1	1.3	.5	.1	.1										63	63		
76/ 75		.3	1.6	2.2	1.0	.4	.2											106	106	8	1
74/ 73		.6	2.3	2.3	1.3	.2	.1	.1										132	132	36	6
72/ 71		2.1	3.3	2.2	1.4	.3	.1											179	179	115	41
70/ 69	.4	4.2	4.1	1.8	.7	.3	.1											222	222	200	118
68/ 67	.5	4.7	4.1	2.1	.7	.4	.1	.1										243	243	240	207
66/ 65	1.2	3.5	3.3	1.5	.6	.4	.3	.1										207	209	246	272
64/ 63	1.3	4.1	1.8	1.1	.4	.3	.1											168	169	236	216
62/ 61	.6	2.7	1.3	1.1	.4	.2												119	120	190	188
60/ 59	.3	2.6	1.3	1.0	.3	.2												107	110	134	199
58/ 57	.2	1.8	1.1	.7	.3	.1												81	83	108	119
56/ 55	.2	1.7	1.1	.8	.2													76	76	113	115
54/ 53	.1	1.1	.8	.3	.1													46	49	84	98
52/ 51	.2	.9	.6	.2	.1	.1	.1											39	40	72	85
50/ 49	.1	.8	.5	.3														32	32	52	57
48/ 47	.2	.2	.3	.1	.1													16	16	32	63
46/ 45	.1	.3																6	6	23	45
44/ 43		.2	.2															7	7	13	31
42/ 41	.1	.1	.1															5	5	8	20
40/ 39																				4	17
38/ 37																				1	8
36/ 35																					6
32/ 31																					2
20/ 19																					1
TOTAL	5.0	32.0	28.1	19.4	10.1	4.1	.9	.4											1928		1915
																		1915		1915	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12929969	155733	81.3	11.774	1915							
Dry Bulb	8511345	127293	66.0	7.453	1928			48.5	17.5	1.8		93
Wet Bulb	7519955	119273	62.3	6.903	1915			29.1	2.1			93
Dew Point	6981829	114701	59.9	7.639	1915		.1	18.1	.3			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91									.2	.1								4	4		
90/ 89								.1	.5	.5	.1							21	21		
88/ 87						.1	.6	1.0	1.3	.2	.1							62	62		
86/ 85					.1	.3	1.6	1.5	.7	.4		.1						89	89		
84/ 83					.6	2.4	2.0	1.7	.9	.4	.1	.1						156	156		
82/ 81			.1	.4	2.0	2.5	2.0	1.3	.7	.3	.2							180	180		
80/ 79			.1	.7	1.9	2.7	2.0	1.3	1.0	.5	.1							201	201		
78/ 7			.4	2.3	2.3	2.2	1.5	1.0	.5	.1	.1							205	205	6	1
76/ 75			1.1	2.0	1.5	2.0	1.7	1.0	.0	.2	.1	.1						197	197	58	2
74/ 73		.4	1.2	1.9	1.8	1.6	1.1	.7	.5	.1								174	174	210	14
72/ 71	.1	.7	1.0	.9	1.3	1.2	.8	.7	.2	.1								136	136	275	80
70/ 69	.1	1.2	1.5	.6	1.5	.4	1.0	.7	.3									140	140	256	183
68/ 67	.2	.8	1.3	.8	.5	.8	1.0	.5	.3									119	119	239	252
66/ 65	.3	.7	.4	.6	.4	.8	.5	.4										76	76	224	230
64/ 63	.7	.5	.2	.5	.5	.4	.3	.1										60	60	171	210
62/ 61		.3	.2	.2	.3	.3	.4	.1										37	37	139	161
60/ 59		.1	.3	.4		.3	.1	.1										24	24	72	147
58/ 57	.1	.2		.3	.2	.2	.1											18	18	88	146
56/ 55	.2	.2	.1	.1	.1	.2	.1											17	17	80	89
54/ 53		.1	.2		.1			.1										7	7	41	74
52/ 51		.1		.1	.1	.1												4	4	22	61
50/ 49			.1															2	2	28	66
48/ 47																				6	49
46/ 45																				8	53
44/ 43																				4	23
42/ 41																				1	33
40/ 39																				1	21
38/ 37																					13
36/ 35																					4
34/ 33																					2
32/ 31																					1
30/ 29																					5
28/ 27																					1
26/ 25																					1

Element (Y)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-74 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					1
TOTAL	1.6	5.1	8.2	11.7	15.2	18.4	16.5	12.1	7.6	2.7	.6	.2							1929		1929
																		1929		1929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7859666	119472	61.9	15.450	1929							
Dry Bulb	11037060	145198	75.3	7.479	1929			81.2	62.1	30.3		93
Wet Bulb	3486749	127353	66.0	6.396	1929			50.3	13.2			93
Dew Point	7197163	116705	60.5	8.414	1929		.4	25.6	.8			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13425 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,50-74 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.../W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95											.1	.2	.1					7	7		
94/ 93									.2	.1	.4	.0	.1					23	23		
92/ 91								.2	.6	1.0	1.8	.3	.1					79	79		
90/ 89							.2	.7	1.7	2.0	1.4	.2	.2					123	123		
88/ 87							.9	2.3	2.2	1.7	1.0	.4	.1	.1				168	168		
86/ 85					.1	.6	2.0	2.4	1.7	1.6	.7	.2	.1	.1				184	184		
84/ 83					.0	1.4	3.0	2.2	1.7	.9	1.0	.4	.1					218	218		
82/ 81			.1	.2	1.0	1.6	2.0	1.5	1.8	1.2	.8	.3	.1					206	206		
80/ 79			.2	.4	1.3	1.9	1.4	2.2	1.0	.5	.4	.1						193	193	2	
78/ 77		.1	.2	.4	1.0	.8	1.7	1.2	1.2	.9	.1							153	153	14	1
76/ 75			.5	.7	.7	.9	1.1	.8	.8	.4	.1							114	114	109	3
74/ 73	.1	.2	.7	.4	.8	.9	.3	.8	.8	.3	.1							105	105	244	18
72/ 71		.7	.5	.5	.6	.4	.5	1.1	.8	.7	.1							115	115	326	61
70/ 69	.1	.7	.7	.4	.4	.3	.4	.6	.5	.1		.1						77	77	260	149
68/ 67	.1	.6	.8	.1	.4	.1	.2	.2	.3									54	54	218	224
66/ 65	.1	.3	.1	.3	.5	.4	.2	.4	.1	.1								42	42	215	222
64/ 63	.1	.3	.1	.2	.2		.2	.3	.1									28	28	154	209
62/ 61		.2	.1	.1	.1		.2	.2	.1									19	19	105	182
60/ 59		.2		.2	.1	.1	.1											11	11	96	173
58/ 57		.1	.1	.1	.1	.1												5	5	62	134
56/ 55		.1	.1	.1	.1													5	5	53	103
54/ 53	.1		.1			.1												3	3	31	77
52/ 51																				20	75
50/ 49																				17	81
48/ 47																				5	56
46/ 45																				2	45
44/ 43																					24
42/ 41																					27
40/ 39																					28
38/ 37																					21
36/ 35																					8
34/ 33																					5
32/ 31																					1
30/ 29																					2

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	> 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-74 YEARS | MAY 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
28/ 27																					1
26/ 25																					1
22/ 21																					1
TOTAL	.3	3.3	4.0	4.1	7.8	9.6	14.1	17.1	16.0	11.3	7.9	3.1	.7	.1					1932		1932
																		1932		1932	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5889805	101413	52.5	15.866	1932							
Dry Bulb	12442549	154339	79.9	7.653	1932			87.6	75.7	54.3	1.4	93
Wet Bulb	8790822	129806	67.2	5.999	1932			52.4	17.7			93
Dew Point	7049088	115544	59.8	8.482	1932		.3	22.0	1.1			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-46,59-74 YEARS | MAY 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	- 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95												.2	.2					7	7		
94/ 93									.1	.1	.5	.8	.1					31	31		
92/ 91								.1	.6	.7	1.6	.7	.1					70	70		
90/ 89								.8	1.4	2.1	1.6	.6	.2		.1			131	131		
88/ 87							.6	2.2	2.3	1.8	1.3	.7	.2	.1				177	177		
86/ 85					.1	.7	1.0	2.4	2.4	1.4	1.0	.5	.1					185	185		
84/ 83				.1	.8	1.1	2.5	2.2	.8	2.0	1.0	.4	.2					214	214		
82/ 81				.1	1.0	1.4	2.5	1.9	2.1	1.2	.5	.2	.2					213	213		
80/ 79			.2	.7	.7	1.1	1.3	1.3	1.6	1.0	.4							160	160		
78/ 77			.4	1.0	.9	1.0	1.3	1.1	.8	.7	.2	.1						146	146	11	
76/ 75		.1	.4	1.0	.9	.9	.8	.3	.6	.6	.3							110	110	93	1
74/ 73		.3	1.1	1.0	.6	.8	.3	1.5	.9	.7	.2							141	141	224	21
72/ 71	.1	1.0	.9	.8	.6	.4	.8	.5	.6	.4	.1							117	117	313	66
70/ 69		1.1	.9	.4	.4	.3	.2	.5	.5	.2								83	83	302	126
68/ 67	.1	.6	.4	.3	.1	.4	.3	.4	.2									50	50	233	214
66/ 65	.2	.2	.2	.2	.2	.2	.3	.4	.2	.1								45	45	243	220
64/ 63	.1	.2	.2	.1	.1	.2		.1										16	16	141	219
62/ 61	.1	.2	.2	.1	.3		.1	.1										18	18	95	199
60/ 59		.1		.1	.1	.2												8	8	97	154
58/ 57						.1	.1											3	3	52	145
56/ 55		.2		.2	.1													7	7	59	120
54/ 53																				37	68
52/ 51																				15	84
50/ 49																				12	78
48/ 47																				4	54
46/ 45																				1	39
44/ 43																					29
42/ 41																					34
40/ 39																					24
38/ 37																					23
36/ 35																					7
34/ 33																					4
32/ 31																					1
28/ 27																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.5	4.1	4.7	5.8	6.8	8.7	11.9	15.5	15.1	13.0	8.5	4.1	1.1	.1	.1			1932	1932	1932	1932

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5853286	101300	52.4	16.751	1932							
Dry Bulb	12472149	154539	80.0	7.572	1932			88.3	76.3	53.6	1.8	93
Wet Bulb	8785129	129805	67.2	5.254	1932			56.6	15.8			93
Dew Point	7026287	115391	59.7	8.343	1932		.1	20.6	1.1			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB, MISSISSIPPI (STATION NAME) 42-46,52-74 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91											.2							3	3		
90/ 89							.1		.3	.3	.1							12	12		
88/ 87							.3	.2	.8	.4								31	31		
86/ 85						.2	.6	1.6	.9	.3	.2							71	71		
84/ 83					.3	.7	1.0	.9	.5	.4	.1	.1						89	89		
82/ 81				.3	.8	1.9	2.5	1.2	.4	.2	.1							142	142		
80/ 79			.3	1.3	1.8	2.4	1.3	1.0	.6	.1	.2							175	175		
78/ 77			.7	2.4	3.1	1.9	1.6	.6	.4	.2								210	210	1	
76/ 75		.2	.7	2.8	2.0	2.1	.8	.5	.2	.1								181	181	44	1
74/ 73	.1	.4	2.0	2.9	1.7	1.5	.6	.4	.3	.1								190	190	128	19
72/ 71	.1	1.3	1.7	1.7	1.9	1.2	.5	.5	.1	.1								175	175	250	79
70/ 69	.2	1.8	2.3	1.6	1.0	.8	.5	.3	.2									162	162	307	131
68/ 67	.3	1.9	1.5	1.1	1.2	.9	.4	.2										146	146	277	237
66/ 65	.3	1.7	1.1	1.2	.8	.2	.4	.3										114	115	249	306
64/ 63	.3	.6	.7	1.3	.6	.6	.3											84	84	174	227
62/ 61	.1	.4	.4	.5	.4	.5	.1	.1										45	45	129	175
60/ 59	.1	.6	.5	.3	.6	.3												45	45	112	181
58/ 57	.2	.2	.1	.4	.3	.1												23	23	87	119
56/ 55		.2	.1	.1	.3													13	13	54	113
54/ 53		.1	.4	.2		.1												13	13	43	78
52/ 51			.1	.1														2	2	41	60
50/ 49			.1		.1													2	2	22	41
48/ 47				.1														1	1	7	46
46/ 45																				2	46
44/ 43																				1	24
42/ 41																				1	27
40/ 39																					13
38/ 37																					2
36/ 35																					2
34/ 33																					2
TOTAL	1.5	9.3	12.3	18.2	16.9	15.3	11.5	7.7	4.6	2.0	.7	.1						1929	1930	1929	1929

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9063724	128826	66.8	15.450	1929							
Dry Bulb	10540330	141908	73.5	7.420	1930			76.5	53.2	21.7		93
Wet Bulb	8390711	126703	65.7	5.958	1929			48.5	8.3			93
Dew Point	7296010	117770	61.1	7.410	1929			22.5	1.0			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83								.1										1	1		
82/ 81					.3	.1	.3											13	13		
80/ 79				.7	.5	.3	.2	.2										35	35		
78/ 77			.6	1.3	1.4	.6	.2											78	78		
76/ 75		.1	1.0	3.4	1.7	.0	.2	.1										146	146	1	
74/ 73	.2	.5	2.8	4.1	1.1	.5	.2											179	179	54	6
72/ 71	.3	2.2	4.5	3.4	1.7	.5	.1											244	244	99	53
70/ 69	.3	3.5	4.9	2.1	.8	.4			.1									231	232	237	111
68/ 67	.9	4.4	3.5	1.2	.6	.2		.1										209	209	331	230
66/ 65	1.1	3.8	2.9	1.0	.6	.2		.1										184	187	266	343
64/ 63	.5	2.6	2.1	1.3	.6	.1	.1											139	139	228	206
62/ 61	.5	2.4	1.7	.5	.4	.1	.1											113	114	139	203
60/ 59	.2	2.2	1.9	.7	.3	.1												102	102	136	149
58/ 57	.4	1.8	1.3	.9	.3													89	90	115	159
56/ 55	.2	1.3	.8	.7	.1													59	59	99	108
54/ 53	.1	.4	1.0	.5	.1													38	38	71	99
52/ 51	.2	.5	.8	.2	.1													32	32	46	70
50/ 49		.3	.3	.1														13	13	48	38
48/ 47		.1	.1															3	3	23	54
46/ 45	.1	.1	.1															4	4	15	39
44/ 43		.1	.1															2	2	3	15
42/ 41																				3	17
40/ 39																					9
38/ 37																					5
TOTAL	4.9	26.1	30.8	22.5	10.4	3.6	1.3	.4	.1									1914	1920	1914	1914

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	12709712	154488	80.7	11.319	1914
Dry Bulb	8782604	129180	67.3	6.894	1920
Wet Bulb	7745401	121159	63.3	6.297	1914
Dew Point	7189580	116652	60.9	6.943	1914

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			55.1	21.9	1.4		93
Wet Bulb			35.1	2.7			93
Dew Point			19.4	.3			93

USAFETAC FORM 0-26-5 (OL 4) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUN MONTH

PAGE 1 | 0000-0700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.1	.1	.1												3	3		
82/ 81			.4	.2	.2	.3												20	20		
80/ 79		.2	1.4	1.0	.7	.1												58	58		
78/ 77		.9	3.2	2.3	.6	.1												123	123	18	3
76/ 75	.2	2.5	6.7	2.4	.3	.3												218	218	58	36
74/ 73	.5	6.9	7.3	1.7	.4	.1												292	294	179	89
72/ 71	.2	10.2	6.8	1.7	.6	.1												345	346	349	235
70/ 69	.8	6.7	4.3	.8	.2													224	227	364	384
68/ 67	.5	5.2	2.8	.8	.3													166	167	254	296
66/ 65	.7	2.9	1.6	.3														97	99	190	242
64/ 63	.2	2.9	1.0	.2														76	76	113	136
62/ 61	.3	2.0	.5	.1														49	49	93	114
60/ 59	.2	1.4	.3															34	34	54	84
58/ 57		1.0	.1															18	18	33	46
56/ 55		.3	.1															6	6	18	46
54/ 53		.1																2	2	6	10
52/ 51		.1																2	2	4	9
50/ 49		.1																2	2		3
48/ 47		.1																1	1	2	1
46/ 45																				1	2
TOTAL	4.0	43.9	36.4	11.6	3.6	.9													1745		1736
																		1736		1736	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	To
Rel. Hum.	13183616	150072	86.8	7.831	1736							
Dry Bulb	8849221	123953	71.0	5.048	1745			75.1	36.9	2.5		90
Wet Bulb	8120113	118459	68.2	4.609	1736			63.4	13.2			90
Dew Point	7790797	115997	66.8	4.804	1736			54.1	6.6			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.1	.1														3	3		
80/ 79		.1	.8	.1		.1												17	17		
78/ 77		.3	1.3	.8														41	41	4	
76/ 75	.2	2.2	4.1	1.4	.1	.1												138	138	34	22
74/ 73	.5	7.1	3.9	1.1	.1													218	219	94	53
72/ 71	1.3	12.1	5.0	.7														327	334	282	204
70/ 69	1.5	10.3	6.1	.9	.2													326	330	348	337
68/ 67	.7	7.9	3.1	.4	.1													200	211	273	276
66/ 65	1.3	4.9	1.6	.5	.1													144	152	248	289
64/ 63	.9	3.3	1.0	.2														88	90	126	154
62/ 61	.7	3.1	.9	.2														85	85	105	111
60/ 59	.8	1.6	.3															47	47	93	99
58/ 57	.2	1.7	.2	.1														39	39	43	72
56/ 55		.9	.1															17	17	31	45
54/ 53		.5																9	9	18	30
52/ 51		.1																2	2	7	11
50/ 49		.1																2	2	2	7
48/ 47		.1																2	2	4	3
46/ 45	.1																	1	1	1	2
44/ 43	.1																	1	1	1	1
TOTAL	7.8	56.5	28.6	6.5	.6	.1													1740		1716
																		1716		1716	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13908129	154063	89.8	5.670	1716							
Dry Bulb	8335384	120102	69.0	5.112	1740			66.9	21.6	.5		90
Wet Bulb	7726427	114839	66.9	4.896	1716			54.3	6.9			90
Dew Point	7487646	113016	65.9	5.088	1716			46.8	3.9			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13895 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.2	.1										5	5		
88/ 87						.2	.3	.1										11	11		
86/ 85					.7	.6	.2			.1								26	26		
84/ 83			.1	1.0	1.2	.8	.1	.1										57	57		
82/ 81			.6	2.4	2.0	.6	.2											101	101		
80/ 79		.2	1.8	4.9	2.4	1.0	.2											183	183	11	
78/ 77		.5	3.9	3.7	2.0	.7	.1	.1										193	193	57	13
76/ 75		2.1	5.4	3.2	1.2	.3	.1											213	213	151	46
74/ 73	.1	4.7	6.0	2.8	.8	.4	.2											201	263	252	151
72/ 71	.5	4.3	5.2	1.3	.4	.2	.1											209	210	350	306
70/ 69	.3	4.4	2.9	1.0	.5	.3												165	165	278	317
68/ 67	.5	3.0	2.5	1.0	.2		.1											130	131	239	280
66/ 65	.3	1.8	.9	.4	.2													62	63	135	214
64/ 63	.2	1.7	.7	.5	.1	.1												57	57	97	114
62/ 61	.3	1.0	.3	.2														31	31	79	109
60/ 59	.1	.6	.2	.1														17	17	43	66
58/ 57		.3	.1	.1														7	7	20	52
56/ 55		.2																4	4	15	33
54/ 53	.1	.1	.1															3	3	6	17
52/ 51		.1																1	1	1	8
50/ 49																				2	8
48/ 47		.1																1	1		1
46/ 45																				1	2
TOTAL	2.3	24.8	30.9	22.4	11.0	5.5	1.8	.3		.1									1742		1737
																		1737		1737	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11599420	140808	81.1	10.324	1737							
Dry Bulb	9527278	128416	73.7	5.908	1742			80.5	54.4	14.8		90
Wet Bulb	8415862	120614	69.4	4.839	1737			69.3	24.4	.1		90
Dew Point	7918488	116942	67.3	5.118	1737			57.7	10.9			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) CALUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97									.1		.1							3	3		
96/ 95									.2	.2		.1						9	9		
94/ 93						.1	.1	.5	.7	.6					.1			35	35		
92/ 91						.2	.6	1.7	1.2	.4	.2		.1					76	76		
90/ 89					.1	1.1	2.2	3.5	1.6	.7	.3	.1						170	170		
88/ 87				.1	.7	2.0	3.1	2.5	.8	.3	.3	.1						171	171		
86/ 85				.2	2.2	4.5	4.1	1.9	1.1	.4	.1	.1						255	255		
84/ 83			.1	1.1	2.9	4.6	2.6	1.5	.6	.5								243	243	1	
82/ 81			.2	1.5	3.0	3.2	1.3	1.1	.3	.2								188	188	13	
80/ 79			.7	2.6	2.8	2.1	1.3	.5	.6	.2								177	177	82	5
78/ 77			1.1	2.4	1.4	.6	.6	.7	.2	.1								125	125	212	20
76/ 75	.1	.2	1.4	1.6	.6	.7	.6	.3	.1	.1								98	98	367	99
74/ 73	.1	.6	1.1	.6	.6	.5	.6	.1		.1								74	74	332	184
72/ 71	.1	.4	.9	.6	.3	.2		.1	.1									48	48	263	331
70/ 69	.1	.9	.3	.2	.2	.2		.1										34	34	157	343
68/ 67	.3	.3	.5	.3	.1		.1											27	27	125	241
66/ 65	.1	.1	.1	.2	.1	.1												10	10	86	146
64/ 63		.2	.1															5	5	64	95
62/ 61																				25	94
60/ 59																				13	52
58/ 57																				5	46
56/ 55																				3	43
54/ 53																					19
52/ 51																					13
50/ 49																					9
48/ 47																					3
46/ 45																					1
44/ 43																					3
42/ 41																					1
TOTAL	.7	2.7	6.4	11.3	14.5	20.9	17.1	14.4	7.7	3.8	1.1	.3	.1		.1				1748		1748
																		1748		1748	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	7166777	109669	62.7	12.799	1748							
Dry Bulb	11961501	144199	82.5	6.146	1748			89.2	83.6	64.8	2.4	90
Wet Bulb	9235310	126814	72.5	4.489	1748			79.9	51.8	2.3		90
Dew Point	8113126	118680	67.9	5.630	1748			63.0	15.9	.1		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101												.1	.1	.1	.1			5	5		
100/ 99											.2	.1	.1					7	7		
98/ 97								.1	.1	.3	.5	.4		.1	.1			25	25		
96/ 95							.1	.1	.7	2.5	1.7	.9	.3	.1	.1			111	111		
94/ 93							.1	1.0	2.2	2.9	1.3	.4	.2	.1				142	142		
92/ 91						.1	1.5	2.2	3.2	3.1	1.1	.3	.1	.1				204	204		
90/ 89					.1	.6	1.7	3.9	3.7	2.6	1.3	.5						247	247		
88/ 87					.2	1.3	4.2	3.4	2.0	1.5	.7	.1	.2					247	247		
86/ 85			.1	.1	1.1	2.1	3.0	1.0	1.3	1.5	.5	.1						197	197		
84/ 83				.3	1.3	2.3	1.8	.7	.7	.9	.3							144	144	3	
82/ 81			.1	.5	1.1	1.3	1.0	.6	.9	.6	.2							111	111	14	
80/ 79			.5	1.2	.6	.5	.5	.5	.6	.2	.2							82	82	100	5
78/ 77		.1	.9	.8	.6	.4	.3	.4	.2	.1	.1							68	68	267	10
76/ 75		.3	.6	.7	.4	.5	.1	.2	.1		.1							53	53	374	79
74/ 73		.2	1.0	.2	.1	.3	.2			.1								36	36	348	156
72/ 71		.5	.6	.2	.1	.1												26	26	216	244
70/ 69	.1	.5	.6	.1														21	21	151	327
68/ 67	.1	.3	.2															13	13	113	272
66/ 65		.1	.2	.1	.1													7	7	81	184
64/ 63																				45	125
62/ 61																				16	94
60/ 59																				8	79
58/ 57																				3	64
56/ 55																				1	38
54/ 53																					28
52/ 51																					20
50/ 49																					10
48/ 47																					3
46/ 45																					2
44/ 43																					3
42/ 41																					2
40/ 39																					1
TOTAL	.2	1.9	4.8	4.2	5.5	9.4	14.4	14.6	16.1	16.2	8.3	2.9	1.0	.3	.2			1746	1746		1746
																				1746	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5445493	94435	54.1	13.914	1746							
Dry Bulb	13126005	150921	86.4	6.542	1746			89.6	86.5	70.4	14.9	90
Wet Bulb	9378157	127743	73.2	4.287	1746			82.1	57.3	2.9		90
Dew Point	7890249	116930	67.0	5.835	1746			56.3	12.9	.2		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 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	Dew Point
104/103														.1				1	1		
100/ 99										.1	.1	.1	.2	.1				10	10		
98/ 97									.1	.2	.7	.5	.3	.1		.1		34	34		
96/ 95								.1	.4	1.9	1.8	.3	.1	.1	.1			84	84		
94/ 93							.1	1.1	1.8	2.4	2.1	.2	.3	.1				143	143		
92/ 91						.2	.7	2.1	2.8	3.7	1.1	.3	.3					199	199		
90/ 89					.1	.5	1.7	3.3	3.7	2.5	2.2	.6	.1					253	253		
88/ 87						.7	3.2	2.8	2.4	1.9	.5	.1	.1					204	204		
86/ 85					.8	2.4	2.2	2.2	1.0	2.2	.6	.1						202	202		
84/ 83			.1	.6	1.1	1.3	1.6	.9	1.2	.7	.6							142	142	1	
82/ 81			.3	.9	1.3	1.4	.8	.9	1.0	.2	.3	.2						126	126	13	
80/ 79			.5	1.3	1.4	.6	.1	.5	.7	.3	.1							96	96	68	3
78/ 77		.1	1.0	1.5	.9	.3	.1	.2	.2	.1	.1	.1						80	80	245	7
76/ 75		.2	1.2	.9	.5	.3		.3	.1		.1							61	61	363	57
74/ 73		.5	1.0	.5	.4	.2	.2											48	48	346	145
72/ 71		.9	.5	.4	.1		.1											34	34	253	235
70/ 69		.3	.2	.1														11	11	192	326
68/ 67	.1	.3	.1	.1														10	10	127	279
66/ 65			.2	.2														6	6	68	204
64/ 63																				38	118
62/ 61																				18	93
60/ 59																				8	86
58/ 57																				3	77
56/ 55																				1	50
54/ 53																					27
52/ 51																					20
50/ 49																					6
48/ 47																					2
46/ 45																					1
44/ 43																					4
42/ 41																					2
40/ 39																					2
TOTAL	.1	2.4	5.0	6.5	6.5	8.0	10.7	14.4	15.4	16.2	10.2	2.6	1.4	.5	.1	.1		1744	1744	1744	1744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5522045	94613	54.3	14.944	1744							
Dry Bulb	13006161	150169	86.1	6.590	1744			89.7	86.9	74.7	14.0	90
Wet Bulb	9289906	127084	72.9	4.106	1744			83.0	53.5	2.0		90
Dew Point	7798407	116181	66.6	5.804	1744			54.3	10.9	.1		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97													.1					1	1		
96/ 95									.1	.1	.1							3	3		
94/ 93								.1	.2	.5	.1	.1						17	17		
92/ 91						.1	.4	.6	.7	.4	.1	.1						43	43		
90/ 89						.4	.7	1.0	.9	.3	.2	.1						64	64		
88/ 87					.6	1.1	2.3	2.1	.8	.6	.3							138	138		
86/ 85				.1	1.4	2.5	2.7	1.4	.7	.2	.1							159	159		
84/ 83			.3	.7	2.7	3.0	1.7	.8	.6	.2								175	175		
82/ 81			.3	2.2	3.8	3.1	1.5	.7	.7	.1								220	220	6	
80/ 79		.3	1.8	3.9	2.8	1.9	1.5	.4	.1	.2								227	227	51	2
78/ 77		.3	2.4	4.9	1.8	1.1	.9	.3	.2	.1								209	209	118	23
76/ 75		1.3	3.3	2.9	1.5	.6	.4	.2										178	178	296	81
74/ 73	.1	1.6	2.7	1.2	.8	.3	.3			.1								123	123	373	183
72/ 71	.2	1.6	1.1	.9	.6	.2	.1											83	83	339	296
70/ 69	.1	1.0	.8	.3	.4	.2	.1											50	50	236	369
68/ 67	.2	.6	.6	.3	.3	.1												37	37	148	267
66/ 65	.1	.2	.2	.2		.1												12	12	82	151
64/ 63		.1	.2	.1	.1													8	8	50	115
62/ 61			.1															1	1	29	91
60/ 59				.1														1	1	14	71
58/ 57																				4	41
56/ 55																				3	29
54/ 53																					17
52/ 51																					7
50/ 49																					2
48/ 47																					2
44/ 43																					1
42/ 41																					1
TOTAL	.6	7.0	13.9	17.7	16.8	14.8	12.7	7.8	5.0	2.7	.8	.2	.1					1749	1749	1749	1749

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8482064	119326	68.2	13.967	1749							
Dry Bulb	11261869	139951	80.0	6.018	1749			88.9	80.1	49.1	1.1	90
Wet Bulb	9057798	125658	71.8	4.130	1749			80.6	43.4	1.1		90
Dew Point	8123998	118862	68.0	5.138	1749			62.8	14.9	.1		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) CHLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89								.1										1	1		
86/ 85					.3	.3	.1		.1									13	13		
84/ 83			.2	.6	1.0	.4	.1											40	40		
82/ 81		.1	1.2	2.1	2.1	.8	.1											111	111		
80/ 79		.2	2.1	4.4	2.2	.7	.1											169	169	8	1
78/ 77		1.4	5.3	4.8	1.8	.3	.1	.1										240	240	50	14
76/ 75	.1	2.7	7.5	4.4	1.2	.4	.3	.1										292	293	154	72
74/ 73	.1	5.2	6.9	2.7	1.0	.3	.1											283	284	302	143
72/ 71	.2	5.3	4.8	2.2	.5	.2												228	230	396	299
70/ 69	.4	3.5	2.8	1.5	.4													150	150	322	402
68/ 67	.3	2.2	1.8	.6	.1	.1												89	89	182	301
66/ 65	.1	1.2	1.2	.4														50	53	138	166
64/ 63	.2	.8	1.0	.3														39	39	83	112
62/ 61		.6	.8	.2														27	27	49	97
60/ 59		.1	.2	.1														7	7	31	41
58/ 57			.1															1	1	20	52
56/ 55		.1																2	2	4	30
54/ 53																				3	4
52/ 51																					8
TOTAL	1.4	23.4	35.8	24.3	10.4	3.5	1.0	.2	.1										1749		1742
																		1742		1742	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 77 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11725415	142001	81.5	9.284	1742							
Dry Bulb	9668264	129748	74.2	4.961	1749			83.4	59.2	12.8		90
Wet Bulb	8579153	122023	70.0	4.269	1742			73.1	26.6	.1		90
Dew Point	8094444	118468	68.0	4.660	1742			63.7	11.9			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89								.1										1	1		
84/ 83					.2													3	3		
82/ 81	.1	.1	.2	.3	.3													18	18	2	2
80/ 79	.2	.5	2.0	1.8	.3	.1												87	87	5	4
78/ 77	.2	1.7	5.9	2.2	.7		.1											190	190	19	7
76/ 75	.2	7.5	11.0	1.3	.4	.1												365	366	120	61
74/ 73	1.6	14.0	8.1	1.0	.3	.1	.1		.1									452	452	384	213
72/ 71	2.0	13.1	3.6	.7		.1												347	347	549	489
70/ 69	.2	5.6	3.2	.4														168	168	367	481
68/ 67	.2	2.2	1.2	.2														69	69	152	240
66/ 65	.3	.8	1.3	.1														44	44	84	125
64/ 63	.1	.9	.5	.1														27	27	42	55
62/ 61		.3		.1														6	6	42	43
60/ 59		.3																5	5	11	45
58/ 57		.1																2	2	6	10
56/ 55																				1	5
54/ 53																					3
44/ 43																					1
TOTAL	5.1	47.0	37.1	8.1	2.2	.3	.1	.1	.1									1784	1785	1784	1784

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13918215	157071	88.0	7.066	1784							
Dry Bulb	9616444	130858	73.3	3.612	1785			88.6	58.2	2.9		93
Wet Bulb	8945144	126184	70.7	3.352	1784			83.3	27.6	.2		93
Dew Point	8640231	123981	69.5	3.672	1784			78.0	15.0	.2		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUL MONTH

 0300-0,00 HOURS (L. S. T.)

Temp. (F)	WE LB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81					.1													1	1		
80/ 79		.2	.2	.2														10	10	1	1
78/ 77	.2	1.4	2.1	.4														72	72	9	6
76/ 75	.4	6.5	6.0	.9														247	247	62	42
74/ 73	2.3	14.9	5.7	.3	.1													416	417	252	123
72/ 71	3.5	19.7	3.9	.2	.1													488	490	511	434
70/ 69	1.6	10.1	2.1	.4														255	255	489	512
68/ 67	.1	5.9	1.8	.3														145	145	172	306
66/ 65	.1	2.6	.8	.1														64	64	128	138
64/ 63	.3	1.1	.6															35	35	71	89
62/ 61	.1	1.5	.2	.1														32	32	37	43
60/ 59		.4	.1															13	13	36	52
58/ 57		.3																5	5	10	28
56/ 55		.2																3	3	7	7
54/ 53																				1	4
52/ 51																					1
TOTAL	8.0	64.9	23.4	2.8	.3														1789		1786
																		1786		1786	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14824046	162424	90.9	5.436	1786							
Dry Bulb	9173090	127942	71.5	3.602	1789			85.1	38.8	.3		93
Wet Bulb	8689339	124413	69.7	3.567	1786			77.9	16.9			93
Dew Point	8461938	122750	68.7	3.776	1786			74.2	9.0			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89						.1	.1	.1										4	4		
88/ 87				.1	.1	.6	.2	.1	.1									17	17		
86/ 85				.2	.8	1.0	.1											37	37		
84/ 83		.1	.3	1.1	1.4	.4	.2											62	62		
82/ 81		.1	.8	3.2	2.0	.4	.1											117	117	3	
80/ 79		.3	3.2	6.0	1.5	.5		.1										206	206	17	5
78/ 77		2.2	7.5	3.5	1.0	.3	.1											261	261	90	21
76/ 75	.1	5.9	10.0	2.0	.8	.3	.1											342	342	246	86
74/ 73	.7	8.3	5.1	1.5	.4	.1												288	288	447	300
72/ 71	1.2	8.1	2.2	1.0	.4	.1												233	233	445	505
70/ 69	.4	3.1	2.0	.6		.1												111	111	259	414
68/ 67	.1	1.5	.9	.3														49	49	120	180
66/ 65	.1	.6	.8	.2														29	29	73	106
64/ 63	.1	.5	.3															15	15	41	63
62/ 61		.2	.1	.1														6	6	25	42
60/ 59		.3																6	6	12	36
58/ 57		.1																1	1	5	20
56/ 55																				1	4
54/ 53																					2
TOTAL	2.7	31.3	33.1	19.6	8.4	3.9	.8	.2	.1										1784		1784
																		1784		1784	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12582089	148923	83.5	9.186	1784							
Dry Bulb	10200518	134638	75.5	4.702	1784			90.0	69.5	18.5		93
Wet Bulb	9190006	127878	71.7	3.842	1784			84.8	41.9	.3		93
Dew Point	8753100	124774	69.9	3.843	1784			78.8	21.5	.1		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | CULUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97										.1	.3							8	8		
96/ 95							.1		.5	.6	.3	.2						31	31		
94/ 93						.1	.2	.6	1.2	.3	.2	.1						48	46		
92/ 91						.3	1.2	2.4	1.2	.3	.1	.1						99	99		
90/ 89					.4	1.3	3.9	2.9	1.2	.2	.1							179	179		
88/ 87				.2	1.1	4.8	5.2	1.4	.9	.2	.1							247	247		
86/ 85				.4	4.2	6.6	2.3	1.2	.6	.2		.1						276	276		
84/ 83			.3	2.4	6.1	4.2	1.0	.4	.2		.1							263	263	4	
82/ 81		.1	.4	4.0	3.9	1.2	1.0	.6	.3									202	202	30	1
80/ 79		.1	1.9	4.6	1.9	.8	.7	.3	.1									182	182	153	18
78/ 77		.4	2.7	1.7	.3	.4	.5	.1										111	111	449	47
76/ 75	.1	.6	1.2	.7	.2	.4	.2											61	61	487	194
74/ 73	.2	.6	.8	.2	.1	.2												36	36	327	471
72/ 71	.1	.3	.3	.1		.2												26	26	159	456
70/ 69		.3	.1		.1													8	8	83	264
68/ 67		.1																1	1	49	122
66/ 65		.1																2	2	27	69
64/ 63																				8	54
62/ 61																				4	31
60/ 59																					26
58/ 57																					18
56/ 55																					7
52/ 51																					1
50/ 49																					1
TOTAL	.3	3.2	7.7	14.2	18.2	20.6	16.1	9.9	6.2	2.0	1.1	.5						1780	1780		1780
																		1780		1780	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7987361	117301	65.9	12.026	1780							
Dry Bulb	12675964	149920	84.2	5.248	1780			92.9	91.1	76.0	4.5	93
Wet Bulb	10030705	133495	75.0	3.264	1780			91.0	75.8	4.0		93
Dew Point	9021076	126512	71.1	4.061	1780			82.2	38.2	.5		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103														.1				1	1		
102/101												.2	.2	.1				8	8		
100/ 99									.1		.6	.5	.5	.1	.2			34	34		
98/ 97									.2	.5	1.4	1.1	.2	.1				61	61		
96/ 95						.1		.6	1.2	2.8	1.4	.5	.1		.1			116	116		
94/ 93						.1	.3	2.2	3.4	2.6	1.2	.3	.2	.1				185	185		
92/ 91					.2	.5	2.3	4.4	3.9	1.9	.8	.3	.1					255	255		
90/ 89					.2	1.8	4.7	5.5	2.8	1.3	.5		.1					300	300		
88/ 87					.6	3.4	4.4	2.4	1.0	.4	.3		.1					224	224		
86/ 85			.1	.1	1.4	4.6	1.9	.8	1.0	.5	.2							185	185	1	
84/ 83			.1	.8	2.5	1.9	.6	.7	.6	.5								135	135	10	
82/ 81			.4	1.3	1.1	.5	.2	.4	.3	.1								77	77	38	2
80/ 79			.6	1.4	.5	.2	.1	.3	.1									56	56	217	14
78/ 77	.1	.2	1.0	.6	.2	.1		.1										41	41	509	40
76/ 75		.6	1.1	.3	.1		.1	.1										39	39	459	168
74/ 73	.1	1.0	.9	.1			.1											39	39	259	323
72/ 71	.1	.6	.1															14	14	143	448
70/ 69	.2	.1																5	5	75	318
68/ 67		.1																2	2	36	169
66/ 65																				23	105
64/ 63																				6	56
62/ 61																				1	52
60/ 59																					24
58/ 57																					22
56/ 55																					29
54/ 53																					3
50/ 49																					4
TOTAL	.5	2.6	4.2	4.7	6.8	13.1	14.6	17.4	14.3	10.4	6.4	2.8	1.4	.4	.3				1777		1777
																		1777		1777	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6093184	101114	56.9	13.829	1777							
Dry Bulb	13882610	156708	88.2	5.957	1777			93.0	91.9	84.6	21.2	93
Wet Bulb	10138370	134230	75.5	3.269	1777			91.4	78.1	7.4		93
Dew Point	8777564	124626	70.1	4.576	1777			77.6	28.6	.4		93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 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
104/103														.1				1	1		
102/101													.2					4	4		
100/ 99											.1	.3	.6	.2	.3	.1	.1	32	32		
98/ 97									.2	.4	1.2	1.2	.3		.1	.1		62	62		
96/ 95							.1	.2	.7	2.3	2.1	.6	.3	.1	.1			117	117		
94/ 93						.1	.2	1.2	2.6	3.1	1.7	.4	.3					171	171		
92/ 91					.1	.5	.7	5.0	3.9	2.6	.9	.2	.1	.1				249	249		
90/ 89					.1	1.2	3.5	4.5	2.9	1.1	.5	.1	.1	.1				250	250		
88/ 87				.1	.3	2.1	4.5	2.7	1.7	.6	.3	.1						221	221		
86/ 85				.2	1.2	2.8	1.8	.8	.6	1.2	.3							160	160	1	
84/ 83			.1	1.0	1.8	2.1	.6	.7	.6	.1								122	122	4	
82/ 81			.6	1.8	1.6	.5	.3	.2	.3									95	95	34	3
80/ 79	.1	.2	1.1	2.4	.9	.3	.2	.2	.1									101	101	126	6
78/ 77		.8	1.0	.9	.3		.1	.2										64	64	448	35
76/ 75	.2	1.4	1.8	.4			.2											72	72	501	123
74/ 73	.2	1.2	.6	.1														36	36	333	272
72/ 71	.1	.9	.2															23	23	174	434
70/ 69		.4																3	8	93	348
68/ 67	.1	.1																2	2	55	224
66/ 65																				14	123
64/ 63																				7	68
62/ 61																					49
60/ 59																					35
58/ 57																					36
56/ 55																					20
54/ 53																					4
52/ 51																					5
50/ 49																					2
48/ 47																					1
TOTAL	.5	5.0	5.7	7.0	6.4	9.6	12.2	15.6	13.5	11.3	7.2	3.0	1.8	.4	.4	.1	.1		1790		1790
																		1790		1790	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6419600	103356	57.7	15.891	1790							
Dry Bulb	13744367	156417	87.4	6.520	1790			93.0	91.3	79.8	20.1	93
Wet Bulb	10080746	134212	75.0	3.145	1790			91.9	75.2	4.1		93
Dew Point	8698384	124504	69.6	4.637	1790			75.2	22.9	.3		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | JUL 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
98/ 97											.1	.1						2	2		
96/ 95									.1	.2	.2		.2					13	13		
94/ 93							.1	.1	.3	.5	.2		.1					23	23		
92/ 91						.1	.3	.7	.7	.8	.3							54	54		
90/ 89				.1	.2	.7	1.1	2.1	1.3	.1	.2	.1						106	106		
88/ 87				.2	.3	1.8	3.0	1.9	.7	.5	.1	.1						152	152		
86/ 85		.1		.6	2.5	3.9	2.4	1.0	.5	.1	.2							199	199		
84/ 83		.1	.5	1.9	4.3	3.4	1.6	.8	.3	.2								231	231	4	1
82/ 81		.1	1.0	3.7	4.3	1.6	.7	.5	.3									216	216	15	4
80/ 79		.2	3.1	5.1	2.4	1.0	.4	.2										219	219	59	9
78/ 77		1.7	4.9	2.3	1.5	.2	.2	.2										196	196	246	43
76/ 75	.1	3.2	4.1	1.2	.6	.3	.1	.1										171	172	473	136
74/ 73	.5	2.7	1.4	.6	.5	.1	.1											102	102	439	372
72/ 71	.5	2.0	.8	.4	.1													68	68	302	424
70/ 69	.1	.5	.2		.1													17	17	130	357
68/ 67		.1	.1	.1														3	3	65	177
66/ 65																				30	98
64/ 63			.1															1	1	6	59
62/ 61																				4	40
60/ 59																					22
58/ 57																					18
56/ 55																					11
54/ 53																					1
52/ 51																					1
TOTAL	1.2	10.5	16.1	16.0	16.8	13.3	10.0	7.6	4.3	2.5	1.2	.2	.2					1773	1774	1773	1773

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9212346	125202	70.6	14.471	1773							
Dry Bulb	11852100	144666	81.5	5.564	1774			92.9	68.3	58.2	2.0	93
Wet Bulb	9679086	130882	73.8	3.137	1773			90.9	64.8	2.2		93
Dew Point	8816932	124822	70.4	4.064	1773			79.9	29.6	.4		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-7a YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89								.1										1	1		
88/ 87					.1		.1	.1										4	4		
86/ 85			.1	.1	.4	.3	.2	.1										19	19		
84/ 83		.3	.3	1.3	1.0	.8	.3											72	72		
82/ 81		.1	1.3	3.3	3.1	.3	.1											149	149	6	5
80/ 79		.6	4.9	6.1	2.2	.4	.3		.1									260	260	10	5
78/ 77	.1	2.2	8.5	4.2	1.7	.3	.2	.1										307	307	88	17
76/ 75	.2	7.0	7.9	3.4	.7	.6		.1										356	356	282	1 3
74/ 73	1.3	8.8	5.3	2.0	.2	.2												321	321	525	334
72/ 71	.7	5.8	1.7	1.0	.1	.1												169	169	433	511
70/ 69	.1	2.3	1.3	.7														77	77	239	393
68/ 67		.9	.7	.3														33	33	101	167
66/ 65		.1	.4	.1														11	11	57	102
64/ 63		.1	.2															5	5	28	56
62/ 61		.1																2	2	13	41
60/ 59		.1																1	1	4	18
58/ 57																				1	8
56/ 55																					5
54/ 53																					1
52/ 51																					1
TOTAL	2.5	28.4	32.6	22.4	9.6	3.0	1.2	.3	.1									1787	1787	1787	1787

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12429784	148088	82.9	9.399	1787							
Dry Bulb	10385E17	136049	76.1	3.963	1787			92.0	77.5	19.2		93
Wet Bulb	9329164	128990	72.2	3.206	1787			87.6	47.4	.6		93
Dew Point	8872226	125748	70.4	3.632	1787			80.9	25.2	.4		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | AUG MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.1													1	1		
84/ 83					.1													2	2		
82/ 81			.1	.3	.2													10	10		
80/ 79		.6	1.4	1.1	.4													64	64		
78/ 77	.2	3.0	4.4	1.1	.3													167	167	32	12
76/ 75	1.2	7.9	8.6	1.4	.2													357	357	138	87
74/ 73	1.7	14.5	7.4	1.7	.1													471	471	352	227
72/ 71	1.2	9.8	5.1	1.0														322	322	513	455
70/ 69	.8	5.6	3.2	.7	.1													190	190	323	392
68/ 67	.5	3.7	1.9		.1													116	116	206	278
66/ 65	.4	2.2	1.0	.2	.1													70	70	127	158
64/ 63	.1	.8	.6															28	28	64	103
62/ 61		1.6	.4															37	37	37	50
60/ 59		.5	.1															11	11	38	36
58/ 57		.1	.1															2	2	16	30
56/ 55			.1															2	2	1	19
54/ 53																				1	
52/ 51																				2	
50/ 49																					3
TOTAL	0.5	50.3	34.4	7.5	1.5														1850		1850
																		1850		1850	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14668379	164291	88.8	6.510	1850							
Dry Bulb	9774285	134267	72.6	4.003	1850			85.5	53.9	1.9		93
Wet Bulb	9145192	129872	70.2	3.894	1850			78.6	26.2			93
Dew Point	8853575	127749	69.1	4.164	1850			72.9	16.4			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.1															1	1		
80/ 79				.2														3	3		
78/ 77	.2	1.5	1.4	.4	.2													66	66	7	4
76/ 75	.9	6.9	4.1	.5														229	229	68	45
74/ 73	1.8	15.8	5.0	.6														429	429	248	181
72/ 71	3.1	15.7	4.2	.5	.1													436	436	500	378
70/ 69	1.7	9.5	3.5	.1	.1													275	275	379	451
68/ 67	.7	5.1	1.9	.1	.1													145	145	244	284
66/ 65	.6	3.6	1.2															101	101	143	181
64/ 63	.3	3.0	.5															69	69	107	117
62/ 61	.3	1.1	.4															32	32	66	86
60/ 59		1.9	.4															42	42	31	46
58/ 57		1.0																18	18	36	29
56/ 55		.1	.2															4	4	18	40
54/ 53																					5
52/ 51																				3	
50/ 49																					3
TOTAL	9.5	65.1	22.7	2.3	.4														1850		1850
																		1850		1850	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15463469	166831	91.3	5.501	1850							
Dry Bulb	9318293	131071	70.8	4.161	1850			79.6	36.6	.1		93
Wet Bulb	8855715	127763	69.1	4.177	1850			72.7	16.2			93
Dew Point	8632342	126110	68.2	4.396	1850			67.5	11.6			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89									.1									1	1		
88/ 87						.2	.1	.1	.1									6	6		
86/ 85				.1	.6	.3	.1											18	18		
84/ 83			.1	.9	1.1	.2	.1		.1									45	45		
82/ 81			1.0	2.2	.7	.3	.1											80	80		
80/ 79	.1	.5	2.7	3.6	.7	.2	.2											148	148	7	2
78/ 77	.2	2.5	5.6	2.5	1.0	.4	.1											227	227	83	16
76/ 75	.4	6.4	7.3	2.2	.4	.3												315	315	205	98
74/ 73	1.3	10.3	5.5	1.7	.5	.1												360	360	386	309
72/ 71	1.2	7.2	4.0	.9	.2	.1												253	253	414	415
70/ 69	.7	5.3	2.7	.5	.3	.1												177	177	303	365
68/ 67	.3	2.6	1.5	.4	.2													94	94	181	228
66/ 65	.3	1.7	.9	.2														56	56	115	163
64/ 63	.1	1.1	.3	.1														30	30	67	99
62/ 61	.1	.6	.3															19	19	47	59
60/ 59	.1	.8	.2															19	19	25	44
58/ 57		.5																9	9	16	32
56/ 55																				8	22
54/ 53		.1																1	1		5
52/ 51																				1	
50/ 49																					1
TOTAL	4.6	39.7	32.1	15.1	5.8	1.9	.6	.1	.2										1858		1858
																		1858		1858	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13796419	159233	85.7	8.986	1858							
Dry Bulb	10184341	137247	73.9	4.986	1858			86.3	60.1	11.3		93
Wet Bulb	9313917	131315	70.7	4.226	1858			79.0	34.1			93
Dew Point	8925500	128512	69.2	4.447	1858			71.7	21.3			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
102/101																.1		1	1		
100/ 99													.1	.1				2	2		
98/ 97											.1		.1					2	2		
96/ 95								.1	.2	.2	.2	.2						14	14		
94/ 93							.1	.5	.6	.3	.2							32	32		
92/ 91						.1	1.3	1.3	.7	.4	.1							74	74		
90/ 89					.2	1.7	3.0	1.6	.9	.3	.2	.1						148	148		
88/ 87				.2	1.3	3.8	3.5	1.8	.6	.1	.1	.1						212	212		
86/ 85			.1	.7	3.7	5.1	2.7	1.2	1.0	.3	.2							277	277		
84/ 83			.5	2.2	5.1	3.4	2.0	1.1	.3	.2								277	277		
82/ 81		.1	1.4	4.4	3.6	1.7	1.3	.8	.2									251	251	26	
80/ 79		.1	2.6	3.7	2.4	1.3	.9	.3	.2									214	214	166	16
78/ 77	.2	.6	2.4	2.6	1.2	1.0	.4	.3	.2									166	166	365	68
76/ 75	.2	.9	1.9	.9	.6	.3	.4	.1										97	97	444	247
74/ 73		1.1	.8	.4	.3	.1	.2											53	53	352	374
72/ 71	.1	.6	.3		.3	.2	.1											27	27	227	394
70/ 69		.2	.1		.1													7	7	147	261
68/ 67			.1															2	2	70	162
66/ 65			.1															1	1	28	113
64/ 63																				24	92
62/ 61																				8	44
60/ 59																					34
58/ 57																					24
56/ 55																					15
54/ 53																					12
52/ 51																					1
TOTAL	.4	3.6	10.3	15.0	18.8	18.6	16.0	9.2	4.7	1.8	1.0	.3	.1	.1		.1		1857	1857		1857
																		1857		1857	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8578002	124050	66.8	12.528	1857							
Dry Bulb	12890440	154428	83.2	5.097	1857			92.9	91.1	70.8	2.6	93
Wet Bulb	10279872	138000	74.3	3.642	1857			90.0	67.8	3.9		93
Dew Point	9256983	130813	70.4	4.763	1857			76.2	35.3	.2		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																.1		1	1		
104/103													.1			.1		3	3		
102/101													.1		.2			4	4		
100/ 99											.1	.4	.2	.2	.1			15	15		
98/ 97									.2	.2	.9	.6	.3	.1				41	41		
96/ 95								.4	1.4	1.4	.8	.2	.1	.1				81	81		
94/ 93						.1	.3	1.6	2.7	2.5	.9	.3		.1				158	158		
92/ 91						.4	2.3	4.1	3.2	1.6	1.0	.4	.1					241	241		
90/ 89					.6	1.8	4.0	4.5	2.9	1.7	.6	.2						302	302		
88/ 87					1.3	2.5	5.4	2.9	1.8	1.3	.5							293	293		
86/ 85			.1	.6	2.1	3.2	2.8	1.9	1.3	.6	.2	.1						239	239		
84/ 83		.1	.2	.8	2.0	2.3	1.2	1.8	1.1	.5	.1							187	187	2	
82/ 81		.1	.6	1.4	1.6	.8	.5	.6	.4	.3								117	117	54	
80/ 79	.1	.2	.9	1.1	.6	.4	.4		.3	.1								74	74	217	16
78/ 77	.1	.3	1.0	.8	.2	.2	.1		.1									50	50	449	74
76/ 75		.8	.4	.3	.1		.2											33	33	435	170
74/ 73		.3	.2	.1	.1		.1											12	12	299	315
72/ 71			.1															2	2	177	361
70/ 69		.1																1	1	120	297
68/ 67																				64	188
66/ 65																				22	113
64/ 63																				14	104
62/ 61																				1	89
60/ 59																					59
58/ 57																					28
56/ 55																					19
54/ 53																					15
52/ 51																					5
48/ 47																					1
TOTAL	.1	1.7	3.5	5.0	8.7	11.5	17.3	17.9	15.4	10.1	5.1	2.2	.7	.4	.2	.2			1854		1854
																		1854		1854	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6239117	104805	56.5	13.030	1854							
Dry Bulb	14286369	162465	87.6	5.176	1854			93.0	92.8	86.5	15.2	93
Wet Bulb	10465642	139140	75.0	3.553	1854			91.1	73.0	7.2		93
Dew Point	9012439	128903	69.5	5.205	1854			71.3	28.8	.2		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | AUG 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
106/105																.1		1	1		
104/103													.1		.1	.1		4	4		
102/101													.2		.1			5	5		
100/ 99											.2	.1	.2	.2	.1			12	12		
98/ 97									.1	.4	.6	.5	.3	.2				39	39		
96/ 95								.1	.7	1.4	.8	.1	.2	.1	.1			63	63		
94/ 93							.1	1.4	2.4	2.5	.9	.4	.1					143	143		
92/ 91						.2	1.0	4.0	2.2	1.7	.7	.5	.2					195	195		
90/ 89					.3	.6	3.0	4.7	3.5	1.6	1.2	.1						277	277		
88/ 87					.9	1.9	4.3	3.0	2.4	1.7	.5							272	272		
86/ 85			.1	.3	1.4	3.8	2.6	1.6	1.4	.8	.4	.1	.1					232	232		
84/ 83		.1	.2	1.2	2.1	2.1	1.2	1.4	1.0	.7	.1							183	183		
82/ 81		.1	.3	1.9	2.8	.5	.8	1.0	.3	.4	.1							149	149	26	
80/ 79		.3	1.6	1.3	1.2	.4	.3	.2	.1									100	100	141	10
78/ 77		.9	1.6	.9	.1	.2		.1										67	67	369	41
76/ 75	.1	1.3	1.0	.3	.2		.1											54	54	500	130
74/ 73	.5	.7	.8	.1				.1										38	38	358	294
72/ 71	.1	.4	.3	.1		.1												16	16	203	387
70/ 69			.1															1	1	140	326
68/ 67																				73	208
66/ 65																				28	105
64/ 63																				10	104
62/ 61																				3	99
60/ 59																					64
58/ 57																					36
56/ 55																					29
54/ 53																					13
52/ 51																					2
50/ 49																					1
48/ 47																					2
TOTAL	.6	3.7	5.7	6.1	9.0	9.7	13.3	17.5	14.1	11.1	5.4	1.8	1.2	.4	.3	.2		1851	1851		1851
																		1851		1851	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6608356	106990	57.8	15.143	1851							
Dry Bulb	13949664	160332	86.6	5.782	1851			93.0	92.1	81.8	13.4	93
Wet Bulb	10279515	137797	74.4	3.391	1851			90.9	70.0	4.0		93
Dew Point	8862729	127729	69.0	5.133	1851			70.1	23.9	.1		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) AUG (MONTH)

 1300-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97													.1	.1				2	2		
96/ 95									.1	.1		.1						3	3		
94/ 93								.1	.2	.2	.1							12	12		
92/ 91							.3	.3	.2	.3	.2	.1						24	24		
90/ 89						.5	1.0	.9	.5	.1	.1							59	59		
88/ 87				.1	.4	1.2	2.3	1.1	.3	.1	.1							106	106		
86/ 85				.7	1.9	3.3	1.7	.9	.4	.2	.1							169	169		
84/ 83			.6	1.7	3.3	2.7	.9	.7	.4									191	191		
82/ 81		.2	1.2	5.2	4.1	1.7	.9	.6	.1	.1								260	260	8	
80/ 79		.5	3.8	5.1	3.3	1.8	.8	.2	.1									289	289	74	7
78/ 77	.1	2.1	5.4	3.8	1.5	.8	.3	.2	.1									261	261	197	46
76/ 75	.3	3.7	4.1	2.7	1.2	.3	.2											232	232	435	181
74/ 73	.7	3.0	2.0	1.1	.4	.2												140	140	490	365
72/ 71	.2	1.7	.8	.4	.3	.2												65	65	309	422
70/ 69	.1	.5	.5	.6	.2													34	34	174	321
68/ 67			.2	.1	.1													5	5	92	200
66/ 65		.1	.1	.1	.1													4	4	40	112
64/ 63			.1															1	1	30	75
62/ 61																				4	59
60/ 59																				3	38
58/ 57																				1	17
56/ 55																					9
54/ 53																					4
50/ 49																					1
TOTAL	1.4	11.7	18.7	21.5	16.6	12.7	8.5	5.0	2.3	1.0	.5	.1	.1	.1				1857	1857		1857
																		1857		1857	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10281184	135960	73.2	13.271	1857							
Dry Bulb	11948201	148653	80.1	5.113	1857			92.7	87.5	48.9	.9	93
Wet Bulb	9989063	136049	73.3	3.422	1857			89.1	60.3	1.6		93
Dew Point	9181052	130326	70.2	4.321	1857			77.2	30.0	.1		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) CULUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89									.1									1	1		
88/ 87					.1													1	1		
86/ 85				.1	.3	.3	.1											14	14		
84/ 83			.1	.8	.8	.3	.1											38	38		
82/ 81		.2	.5	2.0	1.4	.5	.2											92	92		
80/ 79		1.0	3.9	4.9	1.2	.4												212	212	10	2
78/ 77	.3	3.6	8.4	3.8	.6	.2	.1											312	312	87	23
76/ 75	.6	7.8	9.0	3.3	.7	.2	.1											403	403	255	148
74/ 73	1.3	8.5	6.0	1.8	.4	.1												336	336	484	319
72/ 71	.6	4.8	4.6	1.5	.2	.1												219	219	438	468
70/ 69	.3	2.6	2.9	.7	.2													124	124	262	341
68/ 67	.1	.9	1.4	.4														52	52	149	233
66/ 65		.2	1.3	.2														31	31	80	138
64/ 63		.3	.3															11	11	37	75
62/ 61		.2	.2	.1														7	7	40	50
60/ 59		.1		.1														2	2	8	31
58/ 57			.1															1	1	3	20
56/ 55																				1	5
54/ 53																				2	
52/ 51																					2
50/ 49																					1
TOTAL	3.4	30.1	38.5	19.7	5.8	1.9	.5		.1										1856		1856
																		1856		1856	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13356363	156655	84.4	8.498	1856							
Dry Bulb	10488264	139316	75.1	4.079	1856			90.4	70.6	11.5		93
Wet Bulb	9528102	132610	71.6	3.642	1856			84.4	41.9	.2		93
Dew Point	9101862	129758	69.9	4.030	1856			76.9	24.7			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79			.2	.1	.1													7	7		
78/ 77	.1	.4	.8	.6	.2													37	37	1	1
76/ 75	.1	3.0	2.9	.6	.1	.1												121	121	33	16
74/ 73	.9	8.2	3.9	1.2	.3	.1												263	263	118	74
72/ 71	.9	8.5	5.9	1.2	.3													301	301	247	205
70/ 69	.8	6.5	4.8	1.1	.2													240	240	263	237
68/ 67		5.6	3.3	.5	.1													170	170	248	215
66/ 65	.6	4.9	2.5	.5		.1												153	153	196	240
64/ 63	.9	3.7	1.9	.3		.1												122	122	175	189
62/ 61	.3	3.0	.8	.1	.1													77	77	124	129
60/ 59	.3	3.2	.4	.1	.1	.1												76	76	88	114
58/ 57	.4	2.2	.6	.1														60	60	81	102
56/ 55	.3	2.5	.3	.2														60	60	56	80
54/ 53	.2	1.3	.4	.3														40	40	55	43
52/ 51	.1	.9	.6	.1														29	29	34	43
50/ 49		.7	.3															17	17	27	29
48/ 47		.4		.1														8	8	26	24
46/ 45		.1	.2															5	5	9	21
44/ 43		.1	.2															5	5	3	17
42/ 41		.2																3	3	6	2
40/ 39																				4	6
38/ 37																					4
36/ 35																					3
TOTAL	6.0	55.2	30.0	6.9	1.4	.3													1794		1794
																		1794		1794	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14159472	158812	88.5	7.498	1794							
Dry Bulb	8218217	120805	67.3	6.820	1794			57.1	21.5	.2		90
Wet Bulb	7674118	116706	65.1	6.762	1794			45.7	7.6			90
Dew Point	7388628	114412	63.8	7.164	1794			37.5	4.6			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | SEP MONTH

PAGE 1 | 0300-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.3	.1	.1													8	8		
76/ 75	.1	2.1	.9	.3														60	60	4	1
74/ 73	.3	6.8	1.8	.2		.1												164	164	78	56
72/ 71	.9	10.6	3.6	.8	.1	.1												288	288	204	138
70/ 69	1.6	8.8	3.1	1.1	.1													263	264	269	251
68/ 67	.4	6.9	3.9	.1	.1													204	204	210	220
66/ 65	.6	6.3	1.9	.3														162	162	201	205
64/ 63	1.0	4.6	1.5	.2														132	132	198	192
62/ 61	.0	3.7	.9															98	98	125	149
60/ 59	.7	4.2	.7	.1	.1													102	102	116	126
58/ 57	.9	3.4	.3	.2														76	76	92	109
56/ 55	.4	3.2	.3	.2														73	73	74	88
54/ 53	.4	1.7	.3															43	43	66	71
52/ 51	.2	1.6	.2															36	36	48	44
50/ 49	.1	1.3	.5															34	34	31	41
48/ 47	.1	1.2	.2															25	25	34	37
[illegible]		.3																6	6	20	17
44/ 43		.3	.1															6	6	6	28
42/ 41		.1	.1															4	4	4	5
40/ 39		.2	.1															5	5	4	2
38/ 37		.1																1	1	6	4
36/ 35																					6
TOTAL	7.9	67.3	20.7	3.6	.3	.1												1790	1791	1790	1790

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14797855	162359	90.7	6.415	1790							
Dry Bulb	7787011	117393	65.5	7.183	1791			49.6	11.7			90
Wet Bulb	7361491	114081	63.7	7.126	1790			38.5	4.1			90
Dew Point	7140550	112286	62.7	7.359	1790			33.5	2.9			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.1													1	1		
84/ 83				.1	.1	.1	.1											4	4		
82/ 81				.8	.4	.1												23	23		
80/ 79		.1	1.1	1.1	.2	.3	.1											52	52		
78/ 77	.1	.8	2.1	1.4	.7	.1			.1									93	93	8	3
76/ 75	.1	2.5	3.8	1.6	.8	.3												162	162	68	21
74/ 73	.4	5.5	3.1	2.2	.7	.2												219	219	152	104
72/ 71	.6	6.6	3.1	1.3	.4	.2	.1											221	221	219	187
70/ 69	.5	4.9	3.2	1.5	.2	.1												187	188	232	219
68/ 67	.3	5.1	4.0	.9	.3	.1	.1											193	193	215	188
66/ 65	.4	4.3	2.2	.6	.3	.1	.1											144	144	180	215
64/ 63	.4	3.4	2.1	.3	.3	.1												118	118	173	169
62/ 61	.3	3.2	1.1	.6	.2			.1										97	97	138	160
60/ 59	.3	2.3	.8	.4	.2	.1												72	72	100	122
58/ 57	.5	2.0	.6	.1	.1													57	57	80	101
56/ 55	.2	1.7	.4	.1	.1													45	45	67	77
54/ 53	.2	.8	.3	.1														26	26	49	63
52/ 51	.1	1.1	.4	.1														31	31	31	37
50/ 49		.9	.2															20	20	32	40
48/ 47	.1	.4	.2	.1														13	13	25	33
46/ 45		.3		.1														7	7	10	24
44/ 43		.2	.1															4	4	8	10
42/ 41		.1																1	1	3	10
40/ 39		.2																3	3	2	3
38/ 37		.1																1	1	2	4
36/ 35																				1	4
TOTAL	4.4	46.7	28.7	13.2	4.9	1.7	.3	.1	.1									1794	1795	1794	1794

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13395335	154081	85.9	9.500	1794							
Dry Bulb	6405907	122095	68.0	7.506	1795			58.0	27.8	2.9		90
Wet Bulb	7695192	116802	65.1	7.107	1794			44.8	11.4			90
Dew Point	7329891	113883	63.5	7.491	1794			36.2	6.4			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (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
96/ 95										.1	.1							2	2		
94/ 93										.1	.1	.1						4	4		
92/ 91							.2	.3	.3	.1	.1							17	17		
90/ 89						.3	.9	1.0	1.0	.1								58	58		
88/ 87					.2	1.2	2.4	1.6	.6	.3	.2							105	105		
86/ 85				.2	1.6	2.5	2.5	.8	.4	.2	.2							150	150		
84/ 83				.9	2.7	2.5	2.0	1.1	.6	.2	.1							179	179		
82/ 81			.5	2.5	2.5	2.2	1.8	1.1	.9	.3								211	211		
80/ 79		.1	1.7	2.1	2.1	2.4	1.7	1.1	.4		.1							208	208	21	
78/ 77		.4	1.6	1.9	1.6	1.7	1.1	.5	.3	.1	.1							167	167	155	10
76/ 75	.1	.9	1.7	1.8	1.7	1.4	1.4	.4	.5	.2								180	180	244	75
74/ 73	.1	.6	1.8	1.0	1.7	.8	.5	.6	.2	.1								134	134	252	193
72/ 71		.9	.8	.7	.8	.4	.4	.4	.4									89	89	222	204
70/ 69	.1	.6	1.5	1.1	.7	.4	.5	.3	.2									97	97	201	210
68/ 67	.1	.6	1.5	.4	.4	.3	.3	.2										68	68	177	209
66/ 65	.1	.8	.4	.3	.3	.3	.1	.1										44	44	164	170
64/ 63		.5	.4	.2	.2	.2	.2											29	29	118	156
62/ 61		.1	.2	.3	.2	.1		.1										16	16	57	111
60/ 59		.1	.2		.2	.1		.1										9	9	56	121
58/ 57			.1			.1												3	3	48	89
56/ 55		.2	.1	.1	.1	.1												11	11	31	53
54/ 53			.1															2	2	17	33
52/ 51				.1														1	1	8	33
50/ 49			.1															1	1	5	31
48/ 47																				7	21
46/ 45																				2	28
44/ 43																					17
42/ 41																					9
40/ 39																					7
38/ 37																					2
36/ 35																					1
34/ 33																					1
30/ 29																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															≥ 31	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28			Dry Bulb	Wet Bulb	Dew Point
TOTAL	.>	5.7	12.8	13.6	17.0	17.0	15.9	9.2	5.7	1.8	.8	.1					1785	1785	1785	1785

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8038263	117037	65.6	14.294	1785							
Dry Bulb	10966933	139333	78.1	7.139	1785			84.2	71.3	42.6	.3	90
Wet Bulb	8678360	123970	69.5	6.198	1785			64.1	33.9	.4		90
Dew Point	7630700	115868	64.9	7.833	1785		.1	45.4	14.0			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,69-74 (YEARS) SEP (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97											.1	.1	.1	.1				6	6		
96/ 95									.1	.4	.3	.3	.1		.1			22	22		
94/ 93								.2	.7	.9	.9	.3		.1				56	56		
92/ 91							.4	1.5	2.0	1.2	1.2	.4	.2					122	122		
90/ 89						.3	1.9	3.0	3.0	1.1	.7	.3						184	184		
88/ 87					.1	1.3	2.7	3.1	2.6	1.5	.9	.3						225	225		
86/ 85		.1		.1	1.3	2.6	2.0	2.8	1.8	1.4	1.3	.1						241	241		
84/ 83		.1	.1	.6	1.4	1.5	1.8	1.8	1.3	1.5	.3		.1					186	186	2	1
82/ 81		.1	.1	.8	2.1	1.2	.7	1.6	1.2	.9	.1	.3	.1					167	167		1
80/ 79			.2	.9	.8	1.2	1.0	1.2	.6	.6	.4	.1						127	127	39	1
78/ 77		.3	.9	1.1	1.1	.6	.7	.8	.4	.7	.2							121	121	196	8
76/ 75	.1	.6	.4	.8	.7	.3	.3	.7	.6	.7	.1							92	92	269	44
74/ 73	.1	.4	.6	.8	.6	.3	.1	.5	.2	.2								68	68	283	144
72/ 71		.4	.8	.7	.2	.1	.2	.2	.6									58	58	242	207
70/ 69	.1	.4	.9	.4	.1	.1	.1	.1	.1									41	41	192	216
68/ 67	.2	.1	.5	.2	.1	.1	.2	.2										25	25	178	216
66/ 65		.6	.4	.2	.1		.1		.1									27	27	144	178
64/ 63			.2	.1	.1			.1	.1									8	8	73	184
62/ 61		.1	.1	.1	.1		.2											9	9	45	110
60/ 59				.1	.1		.1											4	4	70	97
58/ 57		.2		.1														4	4	26	105
56/ 55																				18	68
54/ 53																				5	49
52/ 51																				3	42
50/ 49																				6	24
48/ 47																				2	27
46/ 45																					21
44/ 43																					29
42/ 41																					11
40/ 39																					2
38/ 37																					5
32/ 31																					2
30/ 27																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | SEP 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
TOTAL	.3	3.2	5.3	7.0	8.8	9.5	12.4	17.7	19.3	11.1	6.4	2.2	.6	.2	.1			1793	1793	1793	1793

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5955796	99548	55.5	15.470	1793							
Dry Bulb	12379516	148432	82.8	7.153	1793			87.4	81.2	64.4	4.2	90
Wet Bulb	8983187	126505	70.6	5.669	1793			70.3	39.6	.7		90
Dew Point	7503954	115128	64.2	7.892	1793		.2	42.1	10.0	.1		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97												.1						1	1		
96/ 95									.1	.1	.3	.4	.1	.1				20	20		
94/ 93								.1	.4	.6	.5	.3	.3					40	40		
92/ 91							.1	1.2	1.5	1.0	.6	.6	.2	.1				94	94		
90/ 89						.2	1.3	2.5	2.9	1.7	.9	.2						170	170		
88/ 87					.1	.9	2.2	2.3	2.2	1.5	.7	.1	.1					181	181		
86/ 85					1.1	2.1	2.5	2.3	2.2	1.8	.6	.2						230	230		
84/ 83				.6	1.3	2.0	2.2	2.0	1.5	1.5	.3	.1	.1					205	205		
82/ 81		.1	.2	.8	1.6	1.3	1.1	1.7	1.4	.7	.5	.3	.1					175	175		
80/ 79		.2	.6	1.5	.5	1.0	.6	1.0	1.3	.6	.2	.1						133	133	14	1
78/ 77		.9	1.1	1.6	.8	1.1	.7	.7	.5	.6	.2							139	139	142	6
76/ 75	.1	1.2	1.3	.8	.8	.4	.6	.8	.4	.6								125	125	250	37
74/ 73		.7	1.0	.6	.5	.5	.2	.2	.4	.2								77	77	325	126
72/ 71		1.1	.7	.6	.2	.1	.3	.3	.4									65	65	262	211
70/ 69	.1	.4	.6	.4	.1	.1	.3	.3										41	41	220	218
68/ 67	.3	.4	.7	.2	.2	.1	.1	.1										40	40	175	199
66/ 65	.1	.3	.3	.3	.1		.1	.1	.1									21	21	137	197
64/ 63		.1	.1	.2	.1	.2		.2										15	15	80	175
62/ 61		.1	.2	.1	.1	.1												8	8	57	121
60/ 59		.2		.1	.1	.1												6	6	55	117
58/ 57					.1													2	2	39	93
56/ 55																				16	78
54/ 53																				4	51
52/ 51																				6	37
50/ 49																				6	23
48/ 47																					29
46/ 45																					28
44/ 43																					16
42/ 41																					11
40/ 39																					7
38/ 37																					2
36/ 35																					2
32/ 31																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.0	5.3	6.7	7.7	7.5	10.1	12.3	15.7	15.4	10.7	4.8	2.3	.8	.2				1788	1788	1788	1788

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6318014	102008	57.1	16.699	1788							
Dry Bulb	12078711	146409	81.9	7.102	1788			87.4	80.0	60.1	3.1	90
Wet Bulb	8859541	125483	70.2	5.449	1788			69.9	36.8	.4		90
Dew Point	7439038	114502	64.0	7.717	1788		.1	40.2	8.6	.1		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93											.1							1	1		
92/ 91									.1									1	1		
90/ 89							.2	.2	.1									8	8		
88/ 87					.1	.3	.3	.2	.1	.1								19	19		
86/ 85					.4	1.0	.3	.4	.1									39	39		
84/ 83			.1	.7	1.3	1.1	1.1	.3	.3									86	86		
82/ 81			.5	2.1	1.3	1.6	.7	.3	.1									118	118		
80/ 79		.3	1.4	3.3	2.5	2.0	.7	.2	.1		.1							188	188	5	
78/ 77		1.1	3.9	2.7	2.6	1.3	.8	.1										225	226	56	7
76/ 75	.2	3.2	3.6	2.9	2.3	1.1	.4	.1		.1								245	245	168	62
74/ 73	.1	2.6	3.4	2.5	2.0	.4	.2	.1	.2									204	204	268	163
72/ 71	.1	2.7	3.1	1.7	1.2	.5	.1	.1	.1									172	172	267	224
70/ 69	.2	2.5	2.2	1.6	1.1	.4	.3	.1										149	149	262	214
68/ 67	.3	1.3	1.7	1.1	.6	.2	.2	.1										96	96	224	256
66/ 65	.2	1.2	1.5	.9	.4	.3	.2											83	83	158	215
64/ 63	.1	.8	.7	1.2	.5	.2												62	62	103	153
62/ 61		.3	.4	.3	.2	.1												23	23	77	123
60/ 59		.2	.8	.6	.2													32	32	54	104
58/ 57		.1	.3	.2	.2													13	13	51	64
56/ 55		.1	.3	.1	.1													10	10	45	51
54/ 53			.1	.3														7	7	26	40
52/ 51				.2														3	3	7	35
50/ 49																				5	23
48/ 47			.2															3	3	5	16
46/ 45																				4	16
44/ 43																				1	7
42/ 41																					14
TOTAL	1.0	16.5	24.1	22.1	16.9	10.4	5.5	2.2	1.1	.2	.1							1787	1788		1787
																		1787		1787	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10449910	134732	75.4	12.780	1787							
Dry Bulb	9897207	132495	74.1	6.650	1788			78.1	57.1	18.7	.1	90
Wet Bulb	8432343	122291	68.4	5.964	1787			63.0	25.0			90
Dew Point	7733509	116893	65.4	6.987	1787			46.6	11.7			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 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
84/ 83					.1													2	2		
82/ 81			.1	.1	.2	.1	.1											8	8		
80/ 79		.1	1.5	1.1	.5	.1												58	58		
78/ 77		1.1	3.5	1.4	.9	.1	.1											127	127	5	1
76/ 75	.2	4.0	4.6	2.6	.8	.2	.1											225	225	73	37
74/ 73	.4	6.0	5.3	2.2	.7	.2												265	265	209	119
72/ 71	.8	5.2	5.2	1.6	.6	.1		.1										243	243	255	221
70/ 69	.4	5.4	4.2	1.8	.6			.1										222	223	256	228
68/ 67	.3	3.6	2.8	.7		.1	.2	.1										141	141	252	243
66/ 65	.7	3.7	2.8	.8	.1	.1	.1											146	146	180	226
64/ 63	.6	2.1	1.8	.3	.2		.1											89	89	151	171
62/ 61	.2	2.0	.6	.6	.4	.1												67	68	93	122
60/ 59	.4	1.7	.9	.4	.1													65	65	88	112
58/ 57	.1	1.6	.8	.1	.1													47	47	57	90
56/ 55		.6	.8	.4														33	33	62	45
54/ 53		.6	.5															19	19	36	39
52/ 51	.1	.4	.4															16	16	31	34
50/ 49		.2	.1	.2														9	9	22	40
48/ 47		.1	.1															3	3	8	20
46/ 45		.2	.1															5	5	4	23
44/ 43		.1																1	1	8	7
42/ 41																				1	6
40/ 39																					4
38/ 37																					3
TOTAL	4.1	38.6	36.1	14.4	5.2	1.0	.4	.2										1791	1793	1791	1791

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13060546	152070	84.9	9.112	1791							
Dry Bulb	8742669	124649	69.5	6.559	1793			64.9	24.2	1.9		90
Wet Bulb	7971866	118928	66.4	6.459	1791			52.8	14.2			90
Dew Point	7578184	115810	64.7	7.077	1791			42.7	7.9			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.1															2	2		
76/ 75		.1	.2	.1														6	6		
74/ 73		.5	.9															27	27	5	1
72/ 71	.1	1.4	.3	.3														38	38	33	25
70/ 69	.7	2.1	1.2	.4	.2	.1												84	84	46	35
68/ 67	.7	3.4	1.6	.7	.4	.1	.1											127	127	70	66
66/ 65	.7	2.7	1.4	.5	.2	.1												101	105	106	74
64/ 63	.5	3.0	2.1	.7	.1	.1	.1											120	122	84	88
62/ 61	.5	3.5	1.6	.7	.2		.1											120	121	118	88
60/ 59	.1	5.3	1.3	.8		.1												136	138	119	100
58/ 57	.2	3.6	1.3	.5	.3													110	111	149	125
56/ 55	.3	6.3	1.2	.5	.2													154	155	128	156
54/ 53	.3	4.1	1.2	.3	.4	.1												118	121	149	127
52/ 51	.3	4.5	1.0	.4	.2	.1												116	117	116	119
50/ 49	.1	4.6	1.4	.4		.1												121	121	117	121
48/ 47	.2	4.0	1.2	.7	.1													111	111	113	117
46/ 45	.4	3.0	1.0	.4	.1													88	88	110	122
44/ 43	.4	2.5	.8															67	67	103	75
42/ 41	.5	2.7	.8															74	74	85	95
40/ 39	.3	1.6	.7															46	46	76	74
38/ 37	.3	.6	.1															17	17	40	84
36/ 35	.2	1.2	.1															26	26	23	52
34/ 33	.1	.5																10	10	23	28
32/ 31		.1																1	1	7	32
30/ 29																					14
28/ 27																					2
TOTAL	6.8	61.3	21.3	7.6	2.3	.6	.3											1820	1835	1820	1820

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13709514	156990	86.3	9.606	1820							
Dry Bulb	5886556	102498	55.9	9.378	1835		.1	14.4	1.8			93
Wet Bulb	5367271	97377	53.5	9.297	1820		.4	7.9	.3			93
Dew Point	5031871	93977	51.6	9.928	1820		2.5	6.5	.1			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 42-45,59-74 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
76/ 75				.1														1	1		
74/ 73		1.0	.2															21	21		
72/ 71	.4	1.0	.1	.1														28	28	32	20
70/ 69	.7	1.8	1.0															63	63	42	38
68/ 67	.9	3.0	1.0	.2	.1	.1												95	95	53	51
66/ 65	.7	2.5	1.0	.4	.1	.1												87	87	90	62
64/ 63	.6	3.0	1.5	.6	.2													106	108	69	82
62/ 61	1.0	3.6	1.3	.4	.2													120	122	106	83
60/ 59	.4	4.5	.9	.4	.1	.1												114	118	112	94
58/ 57	.3	4.0	1.1	.3														105	106	118	105
56/ 55	.3	5.6	.6	.2	.1													124	126	115	119
54/ 53	.4	4.9	.7	.2	.2	.1	.1											117	118	131	124
52/ 51	.2	5.0	.5	.3	.1		.1											109	114	131	119
50/ 49	.4	4.7	.9	.1	.1	.1												112	113	102	123
48/ 47	.4	5.4	.8	.4														127	127	102	120
46/ 45	.5	4.4	1.1	.3														114	114	137	114
44/ 43	.9	3.3	.9	.2	.1													96	96	115	101
42/ 41	.9	2.4	.6															70	70	93	102
40/ 39	.6	4.3	.6															101	101	90	69
38/ 37	.5	2.0	.1															47	47	86	103
36/ 35	.2	.9	.1															22	22	39	72
34/ 33	.2	.9																19	19	23	47
32/ 31	.2	.7																15	15	21	33
30/ 29		.1																1	1	7	17
28/ 27																					14
26/ 25																					1
24/ 23																					1
TOTAL	10.6	68.8	15.0	4.0	1.2	.3	.1												1832		1814
																		1814		1814	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14379221	160761	88.6	8.539	1814							
Dry Bulb	5454860	98326	53.7	9.848	1832		.8	10.6	1.1			93
Wet Bulb	5040875	93955	51.8	9.812	1814		1.4	6.5				93
Dew Point	4776678	91188	50.3	10.311	1814		3.4	5.6				93

USAFETAC FORM 0-26-5 (OL A) 3UL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79			.1		.1													2	2		
78/ 77			.1															2	2		
76/ 75		.1	.2	.1	.1					.1								10	10	1	
74/ 73		.7	.4	.1														22	22	6	2
72/ 71	.3	1.0	.5	.3	.1		.1											53	53	35	26
70/ 69	.7	1.9	1.2	.8	.1													84	84	47	40
68/ 67	.4	1.9	1.2	.7	.1	.1												80	80	74	51
66/ 65	.5	2.4	2.2	1.0	.3	.1												120	121	72	75
64/ 63	.2	2.9	2.0	1.4	.2													121	122	78	58
62/ 61	.9	3.5	1.5	.9	.2	.1												123	129	131	96
60/ 59	.8	3.6	1.5	.8	.3													127	130	144	134
58/ 57	.4	3.3	1.9	.7	.2													120	120	125	118
56/ 55	.3	4.2	1.6	.9	.3	.1												135	135	114	113
54/ 53	.2	3.5	2.1	1.0	.2	.1												129	130	137	117
52/ 51	.2	3.4	1.2	.2	.3	.1												98	99	117	112
50/ 49	.4	3.7	1.4	.4	.1	.1												110	111	120	128
48/ 47	.3	4.3	1.4	.8														123	124	114	114
46/ 45	.5	3.3	1.4	.3	.1													102	102	133	118
44/ 43	.5	1.6	.8	.2	.1													60	60	101	125
42/ 41	.7	2.0	.8	.1														63	63	75	86
40/ 39	.3	2.2	.5	.1														56	56	69	63
38/ 37	.2	1.9	.1															39	39	60	84
36/ 35	.2	.5	.1															15	15	34	66
34/ 33	.2	.6	.1															16	16	15	46
32/ 31	.1	.2																6	6	14	21
30/ 29		.1																2	2	7	15
28/ 27																					14
26/ 25																					1
TOTAL	8.4	53.5	24.3	10.7	2.5	.5	.1			.1								1823	1833	1823	1823

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	13450801	155497	85.3	10.140	1823
Dry Bulb	5818865	101737	55.5	9.694	1833
Wet Bulb	5293616	96684	53.0	9.543	1823
Dew Point	4929355	92957	51.0	10.195	1823

Mean No. of Hours with Temperature						
≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
	.4	12.8	1.8			93
	1.1	8.3	.4			93
	2.6	6.1	.1			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.1												1	1		
86/ 85						.1	.2	.2	.1	.1								12	12		
84/ 83					.3	.5	.3	.4	.3	.1		.1						38	38		
82/ 81			.1	.1	.4	.4	.5	.5	.4	.1	.1	.1						51	51		
80/ 79			.1	.7	.8	.9	1.0	.5	.5	.4	.2	.1						95	95		
78/ 77			.3	.6	1.3	.7	1.0	.9	.7	.4	.1	.1						108	108	2	
76/ 75		.1	.7	.7	1.4	1.4	1.4	.8	.7	.-	.1							141	141	16	1
74/ 73		.9	.7	1.0	1.3	1.3	1.3	.9	.8	.3	.2							156	156	46	10
72/ 71	.1	.4	1.1	1.1	1.5	1.7	.8	1.1	.3	.3	.1							153	153	88	43
70/ 69	.2	.5	.9	1.8	1.5	1.1	1.2	.5	.4	.3								156	156	93	62
68/ 67	.1	.7	1.6	1.4	1.4	1.1	1.0	1.0	.5	.1								163	163	123	72
66/ 65	.2	1.0	1.5	.7	1.1	1.0	1.2	.8	.4									143	143	154	83
64/ 63	.3	.9	.6	.7	.9	1.3	1.0	.6	.3									119	119	199	97
62/ 61	.2	1.1	.5	.9	1.3	1.0	1.1	.6		.1								125	125	176	150
60/ 59	.4	.8	.2	.4	1.5	.8	.6	.4										94	94	157	146
58/ 57		.7	.8	1.1	.9	.4	.5	.2										87	87	143	125
56/ 55		.6	.3	.6	1.0	.4	.4											62	62	112	136
54/ 53		.2	.8	.6	.7	.5	.2											56	56	137	89
52/ 51	.1		.4	.3	.5	.2	.1											29	29	114	89
50/ 49	.1	.1	.4	.5	.3	.2												28	28	95	95
48/ 47		.3	.2	.1	.1	.1												12	12	63	129
46/ 45		.1	.1		.1													3	3	59	98
44/ 43																				38	83
42/ 41																				10	77
40/ 39																				5	65
38/ 37																					46
36/ 35																					47
34/ 33																					32
32/ 31																					24
30/ 29																					16
28/ 27																					6
26/ 25																					8
24/ 23																					2
22/ 21																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≥ 32 F	≥ 67 F	< 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (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
TOTAL	1.6	8.4	11.1	13.2	18.3	15.2	13.9	9.4	5.5	2.6	.6	.3						1832	1832	1832	1832

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7476046	112562	61.4	17.488	1832							
Dry Bulb	8592518	124516	68.0	8.410	1832			54.5	30.6	7.7		93
Wet Bulb	6611660	109114	59.6	7.850	1832			18.8	3.2			93
Dew Point	5304932	97408	53.2	10.600	1832		2.9	9.5	.6			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91												.1	.1					3	3		
90/ 89							.1	.2	.2	.2	.2	.1	.1					16	16		
88/ 87							.2	.8	.4	.3	.5	.3	.1	.2				51	51		
86/ 85					.1	.3	.8	.8	1.1	1.0	1.0	.3	.5	.1				108	108		
84/ 83				.1	.2	.7	1.0	.9	1.1	1.0	.8	.4	.4	.1				122	122		
82/ 81				.2	.5	.9	.9	1.4	1.4	1.7	1.0	.8	.3					167	167		
80/ 79			.1	.3	.7	.9	.9	2.2	1.7	1.3	1.4	.3	.1					181	181		
78/ 77			.1	.3	.7	1.1	1.6	1.5	2.2	1.3	.8	.4	.2					185	185	4	
76/ 75			.3	.5	.7	1.1	1.2	1.0	1.4	1.2	.8	.4	.1					160	160	32	2
74/ 73		.7	.1	.4	.7	.7	.8	1.1	.8	.9	.8	.1						128	128	73	12
72/ 71	.1	.3	.7	.8	.7	.7	.4	.7	1.0	1.4	.2	.1						128	128	97	34
70/ 69	.2	.2	.2	1.0	.5	.5	.8	1.2	1.0	1.0	.2							124	124	114	51
68/ 67		.0	.4	.6	.3	.4	.7	1.2	1.1	.7	.1							111	111	183	86
66/ 65	.1	.6	.7	.2	.3	.2	1.0	.7	1.2	.5	.2							100	100	196	82
64/ 63	.2	.6	.7	.1	.3	.6	.7	.7	.4	.3								82	82	205	98
62/ 61	.1	.5		.1	.2	.5	.1	.2	.3	.1								36	36	176	117
60/ 59	.3	.3	.4	.3	.4	.2	.6	.3	.1									54	54	161	141
58/ 57	.1	.2	.3	.1	.3	.1	.2	.3	.1									29	29	105	136
56/ 55		.1	.3	.1	.1	.1	.2	.1										15	15	135	115
54/ 53		.2		.1	.2	.1	.1											11	11	128	99
52/ 51		.1	.2	.2	.2	.1												15	15	79	90
50/ 49			.1	.1														3	3	50	103
48/ 47			.1															2	2	47	78
46/ 45		.1																1	1	27	100
44/ 43																				17	100
42/ 41																				3	78
40/ 39																					62
38/ 37																					73
36/ 35																					39
34/ 33																					49
32/ 31																					30
30/ 29																					19
28/ 27																					14
26/ 25																					10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23																					3
22/ 21																					6
20/ 19																					5
TOTAL	.9	4.3	4.6	5.3	7.0	9.3	12.1	15.2	15.4	12.9	7.8	3.1	1.7	.4					1832		1832
																		1832		1832	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	50655	90096	49.2	18.618	1832							
Dry Bulb	10227259	136029	74.3	8.324	1832			75.3	56.9	29.0		93
Wet Bulb	7042788	112792	61.6	7.333	1832			25.5	5.5			93
Dew Point	5230517	95681	52.2	11.289	1832		4.4	2.4	.7			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91													.1	.1				3	3		
90/ 89							.1	.1	.1	.1	.1	.1						10	10		
88/ 87							.2	.2	.2	.3	.7	.2	.1					34	34		
86/ 85						.3	.7	.9	.7	.7	.7	.2	.3					81	81		
84/ 83					.1	.6	.9	.6	.8	1.1	1.0	.2	.3	.1				106	106		
82/ 81				.1	.3	.8	.9	1.3	1.2	1.4	.8	.6	.1					134	134		
80/ 79		.1	.1	.4	.5	.8	1.1	1.6	1.6	1.4	.8	.2	.1					159	159		
78/ 77		.1	.4	.4	.8	1.5	1.4	1.6	1.5	1.7	.5	.4						191	191	2	1
76/ 75			.2	.5	.9	1.4	1.5	1.3	1.0	1.1	.8	.2						164	164	24	
74/ 73		.3	.5	.5	.8	1.3	1.5	1.0	1.0	1.4	.3	.1						161	161	57	11
72/ 71	.1	.5	.7	1.0	.7	.9	.6	.5	1.1	1.2	.3	.1						143	143	95	22
70/ 69	.2	.2	.4	1.0	.7	.7	.5	1.6	1.3	.5	.2							134	134	109	60
68/ 67	.1	.2	.4	.5	.5	.8	.9	.9	1.0	.5	.1							107	107	177	76
66/ 65	.2	.7	.8	.3	.5	.3	1.1	.8	1.1	.2	.1							113	113	193	84
64/ 63	.2	.7	.2	.3	.2	.5	.7	.9	.4	.3								82	82	216	87
62/ 61		.3	.3	.2	.1	.7	.6	.5	.3									53	53	182	126
60/ 59	.4	.3	.5	.3	.3	.3	.4	.4	.2									56	56	150	154
58/ 57	.1	.2	.7	.5	.1	.3	.2	.2	.1									42	42	113	125
56/ 55		.3	.2	.2	.1	.3		.1										20	20	153	129
54/ 53		.1	.1	.2	.1	.1	.3											13	13	108	95
52/ 51		.2	.2	.3	.1	.2												16	16	93	121
50/ 49			.2	.1	.1													7	7	65	89
48/ 47		.1		.1	.1													3	3	37	88
46/ 45		.1																1	1	36	97
44/ 43																				13	87
42/ 41																				7	89
40/ 39																				1	62
38/ 37																					57
36/ 35																					55
34/ 33																					43
32/ 31																					23
30/ 29																					14
28/ 27																					7
26/ 25																					14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (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
24/ 23																					8
22/ 21																					4
20/ 19																					2
18/ 17																					3
TOTAL	1.4	3.9	5.9	7.0	6.9	11.7	13.6	14.6	13.6	11.8	6.5	2.2	.8	.2				1833	1833	1833	1833

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5391874	93448	51.0	18.512	1833							
Dry Bulb	9932127	134065	73.1	8.315	1833			72.4	52.9	22.7		93
Wet Bulb	6952548	112096	61.2	7.291	1833			23.5	4.2			93
Dew Point	5237317	95871	52.3	11.033	1833		3.8	8.6	.6			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83						.1												2	2		
82/ 81					.2	.2	.1											8	6		
80/ 79				.1	.3	.1	.3	.1										19	19		
78/ 77		.1	.2	.7	.3	.4	.2	.1										35	35		
76/ 75		.3	1.0	.8	.7	.5	.2	.1										66	66		
74/ 73	.1	.7	1.1	1.5	1.0	.7	.3	.2										100	100	23	9
72/ 71	.1	1.2	1.6	1.7	1.1	.6	.2	.1		.1								121	121	66	24
70/ 69	.2	1.5	1.9	2.2	1.7	.4	.2	.1										149	149	81	65
68/ 67	.2	1.2	3.1	2.5	2.3	.7	.3	.2	.2	.1								195	195	109	87
66/ 65	.4	1.7	3.1	2.7	1.7	.7	.1	.1	.1									191	191	148	87
64/ 63	.2	1.6	2.1	1.7	.8	.7	.3	.1										138	138	162	109
62/ 61	.2	2.0	1.8	1.8	1.3	.5	.2	.2	.1									147	147	196	149
60/ 59	.4	1.2	2.9	1.4	1.6	.5	.1											148	148	173	157
58/ 57		1.0	1.4	1.3	1.0	.7	.2											100	100	141	152
56/ 55	.1	1.1	1.9	2.0	1.0	.4	.1											120	120	124	150
54/ 53		.6	1.6	1.3	.8	.1	.1											82	82	120	120
52/ 51		.7	1.5	1.5	.4	.2												77	77	116	98
50/ 49		.9	1.3	.9	.2	.1												61	61	109	100
48/ 47		.2	.7	.5	.3													31	31	91	114
46/ 45		.2	.5	.5	.1													23	23	74	86
44/ 43		.1	.5	.1	.1													13	13	39	80
42/ 41		.1	.2	.1	.1													7	7	27	66
40/ 39																				23	57
38/ 37																				5	40
36/ 35																				2	35
34/ 33																					14
32/ 31																					13
30/ 29																					13
28/ 27																					6
26/ 25																					1
24/ 23																					1
TOTAL	1.8	16.3	28.4	25.0	16.9	7.4	2.8	1.0	.3	.1									1833		1833
																		1833		1833	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10255215	134925	73.6	13.289	1833							
Dry Bulb	7438923	115819	63.2	8.122	1833			35.3	11.7	1.0		93
Wet Bulb	6303308	106472	58.1	8.051	1833			14.4	1.4			93
Dew Point	5559646	99378	54.2	9.683	1833		1.7	9.4	.5			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.1	.2														5	5		
76/ 75		.2	.8	.4														24	24		
74/ 73	.1	.6	.9	.4	.1	.1												37	37	8	5
72/ 71	.2	.9	1.5	.9	.2	.1												68	68	42	26
70/ 69	.2	2.0	2.2	.7	.3	.3												103	103	46	31
68/ 67	.8	2.6	2.1	1.4	.4				.1									135	136	108	90
66/ 65	.8	2.4	3.2	1.5	.1	.2	.3	.1										156	157	100	92
64/ 63	.2	2.9	2.4	1.4	.3	.1	.3											140	140	117	80
62/ 61	.2	3.7	2.6	.9	.2	.1												141	141	149	109
60/ 59	.3	3.4	3.1	1.1	.4	.1												154	154	154	130
58/ 57	.3	3.3	2.9	.6	.5	.2												143	143	159	156
56/ 55	.2	3.6	2.0	.5	.4	.1	.1											128	128	153	144
54/ 53	.2	1.8	2.7	.9	.2													107	107	127	138
52/ 51	.1	2.7	2.0	.7	.2	.1												106	106	107	124
50/ 49	.3	2.3	2.3	.8	.2													108	108	119	95
48/ 47	.1	2.8	1.7	.5														94	94	112	127
46/ 45		2.0	1.2	.4	.1													66	66	109	98
44/ 43	.1	1.5	1.0	.3	.1													54	54	85	89
42/ 41	.1	.7	.5	.2														28	28	51	83
40/ 39	.1	.4	.6	.1														21	21	37	80
38/ 37	.1	.4																9	9	27	53
36/ 35		.3																5	5	16	23
34/ 33		.1																1	1	6	24
32/ 31																				1	25
30/ 29																					8
28/ 27																					2
26/ 25																					1
TOTAL	4.3	40.5	35.8	13.7	3.7	1.3	.7	.1	.1										1835		1833
																		1933		1833	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12698195	151299	82.5	10.699	1833							
Dry Bulb	6415606	107316	58.5	8.720	1835			18.9	3.3			93
Wet Bulb	5766623	101571	55.4	8.689	1833		.1	10.4	.4			93
Dew Point	5314653	97113	53.0	9.621	1833		1.8	7.7	.3			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) NOV (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.2	.1	.1													6	6		
72/ 71		.2	.4	.1														12	19		
70/ 69		.2	.5	.2														18	21	10	2
68/ 67		.4	.7	.3	.2													28	30	13	11
66/ 65		1.3	1.2	.2	.1	.1												51	51	25	14
64/ 63	.1	1.7	1.1	.6	.2	.1												65	67	43	30
62/ 61	.2	1.5	1.4	.8	.1													72	72	60	52
60/ 59	.2	2.2	1.8	.6	.2	.1												98	98	73	62
58/ 57	.1	1.8	1.3	.3	.1													65	66	73	59
56/ 55	.3	2.5	.9	.7	.4	.1												88	95	101	74
54/ 53	.5	2.0	1.7	.6	.1	.1												91	91	77	82
52/ 51	.8	2.7	1.3	1.0	.3													109	113	95	101
50/ 49	.2	2.0	1.7	.8	.2	.2												91	96	89	75
48/ 47	.4	2.9	1.3	1.0	.2													103	109	103	76
46/ 45	.4	4.3	1.4	.3	.1	.1												121	130	109	99
44/ 43	.7	2.9	1.8	.8	.1													112	116	122	112
42/ 41	.6	3.6	2.7	.7	.1													137	144	109	122
40/ 39	.6	2.7	2.7	.4	.1													117	124	129	82
38/ 37	.1	3.1	1.7	.1	.1													92	92	112	114
36/ 35	.5	2.5	1.9	.2														93	93	127	103
34/ 33	.6	2.9	.8	.1														79	81	93	120
32/ 31	.6	2.0	.4	.1														57	58	99	106
30/ 29	.3	2.0	.3															45	46	53	90
28/ 27	.2	1.3	.2															30	32	48	66
26/ 25	.1	.6	.2															15	15	20	55
24/ 23	.1	.2	.1															7	8	12	46
22/ 21		.2	.1															5	5	5	22
20/ 19		.1	.1															2	2	5	12
18/ 17																				3	8
16/ 15																				1	5
14/ 13																					3
12/ 11																					3
10/ 9																					1
8/ 7																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV 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	7.0	49.4	29.9	9.9	2.5	.7												1809	1880	1809	1809

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12578620	149464	82.6	11.268	1809							
Dry Bulb	4436249	88931	47.3	11.051	1880		7.9	3.6	.3			90
Wet Bulb	3821700	80864	44.7	10.709	1809		12.2	1.1				90
Dew Point	3434008	75964	42.0	11.620	1809		20.8	.5				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 42-45,58-74 YEARS — NOV MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.1	.7															14	20		
70/ 69		.2	.1	.1														6	10	6	1
68/ 67		.3	.3		.1													12	14	15	8
66/ 65		1.9	1.0	.2	.1													58	58	11	15
64/ 63	.1	1.1	.7	.4														41	43	42	24
62/ 61	.3	1.2	.8	.2	.1													46	46	52	47
60/ 59	.5	3.4	1.5	.3	.1													106	106	60	59
58/ 57	.6	2.6	1.1	.2	.1													83	86	78	52
56/ 55	.3	2.5	.8	.4	.1		.1											75	78	105	83
54/ 53	.4	2.5	1.0	.6	.2													84	85	71	92
52/ 51	.6	2.9	1.2	.3	.2	.1												94	95	74	82
50/ 49	.9	2.6	1.7	.2		.2												100	102	96	73
48/ 47	.2	2.8	1.4	.6	.1	.1												95	97	35	71
46/ 45	.2	3.8	1.4	.7	.1													111	119	91	83
44/ 43	.6	3.0	1.2	.2														89	91	121	100
42/ 41	.9	4.0	2.2	.2	.1													135	145	116	103
40/ 39	.9	4.2	1.6	.4	.1													131	140	138	108
38/ 37	.6	3.4	1.9	.1	.1													108	113	112	120
36/ 35	.5	3.7	1.1	.1	.1													99	101	103	116
34/ 33	.7	3.3	.7	.2														88	88	128	104
32/ 31	.3	3.1	.7	.1														74	76	80	113
30/ 29	1.0	2.5	.2															67	68	82	103
28/ 27	.6	1.7																41	42	72	67
26/ 25	.2	1.3	.1															28	30	32	54
24/ 23	.2	.4																10	10	22	51
22/ 21		.7	.1															14	14	9	42
20/ 19		.2																3	3	6	12
18/ 17		.1	.1															2	2	5	11
16/ 15		.1																1	1	2	5
14/ 13																				1	7
8/ 7																					1
6/ 5																					3
4/ 3																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV 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	10.4	59.2	23.6	5.1	1.3	.3	.1											1815	1883	1815	1815

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13381971	154725	85.2	10.288	1815							
Dry Bulb	4143468	85732	45.5	11.296	1883		11.8	2.1				90
Wet Bulb	3639898	78802	43.4	10.976	1815		15.4	1.0				90
Dew Point	3322439	74629	41.1	11.830	1815		23.5	.4				90

USAFETAC FORM 0-26-5 (OL-A) 4JL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV 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
72/ 71		.1	.2															6	6		
70/ 69		.3	.2															8	17	3	2
68/ 67	.1	.7	.7															25	25	14	6
66/ 65	.2	1.3	.6		.1				.1									39	39	17	19
64/ 63	.4	1.3	1.0	.6														61	62	49	31
62/ 61	.1	1.8	.9	.2														56	56	39	41
60/ 59	.4	2.7	1.4	.3														87	89	67	44
58/ 57	.4	3.0	1.0	.3	.1													89	95	78	68
56/ 55	.3	2.8	.8	.3	.1													78	81	97	86
54/ 53	.3	2.6	1.2	.6	.1													86	87	75	87
52/ 51	.4	3.1	1.2	.6	.4	.1												105	106	88	79
50/ 49	.9	2.6	1.5	.7	.1	.1												106	107	97	84
48/ 47	.2	2.9	1.8	.9	.1													108	112	84	72
46/ 45	.4	3.6	1.2	.5	.1	.1												106	110	111	87
44/ 43	.2	2.8	2.1	.7	.1													106	114	113	84
42/ 41	.9	3.3	1.7	.3	.1													111	114	109	101
40/ 39	.8	2.9	2.0	.3	.1													111	115	131	122
38/ 37	1.2	4.2	1.5	.4	.1													134	141	121	111
36/ 35	.7	3.3	1.3	.1	.1													98	102	123	117
34/ 33	.3	2.8	.4	.3														68	69	97	110
32/ 31	.6	2.7	.8	.1	.1													76	76	87	97
30/ 29	.7	1.8	.3															51	54	72	114
28/ 27	.4	1.7	.1															39	40	61	61
26/ 25	.3	1.2	.3															32	34	37	53
24/ 23	.1	.4																10	10	18	49
22/ 21	.2	.4																11	11	13	35
20/ 19		.2	.1															4	4	8	12
18/ 17																				1	13
16/ 15		.1																2	2	1	10
14/ 13																				2	9
12/ 11																					2
10/ 9																					1
8/ 7																					1
6/ 5																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	10.5	56.5	24.2	7.1	1.5	.2			.1									1813	1878	1813	1813

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13119975	152945	84.4	10.956	1813							
Dry Bulb	4188290	86190	45.9	11.133	1878		11.1	2.3				90
Wet Bulb	3675584	79204	43.7	10.904	1813		14.9	.8				90
Dew Point	3335363	74721	41.2	11.882	1813		22.9	.4				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81																			1		
80/ 79						.1	.1											3	3		
78/ 77					.1	.1	.1	.1	.1									7	8		
76/ 75				.4	.3	.5	.2	.2										29	31		
74/ 73			.1	.2	.5	.4	.5	.2	.1									38	39		
72/ 71			.4	.5	1.2	.4	.3	.1										54	57	1	
70/ 69		.2	.8	.8	1.3	.8	.4	.2	.1	.1								85	87	14	
68/ 67		.5	1.2	.8	1.0	.7	.4	.1	.1									87	90	35	14
66/ 65	.2	.6	.9	1.3	.8	.7	.3	.2	.2									94	96	69	26
64/ 63	.1	1.0	.8	1.0	.5	.8	.7	.5	.2	.1								104	107	76	44
62/ 61	.1	.9	.5	1.3	.7	.7	.7	.1	.2									92	96	92	66
60/ 59	.1	1.4	.9	1.2	1.6	1.2	1.0	.7	.1									148	154	105	71
58/ 57	.1	1.4	1.3	.8	1.3	.8	.8	.5										125	126	89	78
56/ 55	.1	1.2	.9	1.3	1.3	1.0	.8	.2										124	129	109	103
54/ 53		1.8	1.3	1.4	1.3	.8	.5	.1										131	132	103	92
52/ 51	.3	.8	1.5	1.2	1.3	.7	.4											112	118	126	93
50/ 49	.2	.7	1.4	1.7	.9	.9	.3	.1										113	116	133	87
48/ 47	.1	.9	1.0	1.2	.8	.7	.2											86	88	147	72
46/ 45		.7	1.3	1.6	1.0	.4	.1											91	92	130	103
44/ 43	.1	.4	1.3	1.3	.9	.1												79	80	123	97
42/ 41	.1	.6	1.3	.7	.9	.2												69	71	94	92
40/ 39	.1	.9	.8	.8	.4													54	56	111	97
38/ 37	.2	.5	.9	.4	.3	.1												43	47	91	91
36/ 35	.1	.2	.3	.3	.2													19	21	63	116
34/ 33	.1	.2	.1	.2	.2													13	13	47	101
32/ 31		.1	.2	.2														9	10	24	72
30/ 29		.1	.2	.1														7	7	14	77
28/ 27			.1															1	1	14	51
26/ 25			.1	.1														2	2	6	57
24/ 23			.1															1	1	2	35
22/ 21			.1															1	1	1	28
20/ 19																				1	13
18/ 17																				1	10
16/ 15																					12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					9
12/ 11																					9
10/ 9																					1
6/ 5																					3
4/ 3																					1
TOTAL	1.8	15.0	19.8	20.6	18.6	12.1	7.7	3.3	1.0	.1									1880		1821
																		1821		1821	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8316532	118792	65.2	17.654	1821							
Dry Bulb	6000083	104393	55.5	10.402	1880		1.1	15.1	3.9	.1		90
Wet Bulb	4622181	89999	49.4	9.783	1821		3.1	2.5				90
Dew Point	3667683	78519	43.1	12.449	1821		18.7	.7				90

USAFETAC FORM 0-25-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION — COLUMBUS AFB MISSISSIPPI STATION NAME — 42-45,58-74 YEARS — NOV MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83								.1	.1	.2								6	6		
82/ 81						.1	.1	.5	.2		.1							17	19		
80/ 79						.1	.5	.7	.2	.3	.1							36	37		
78/ 77					.2	.8	1.0	.9	.7	.3	.1							73	74		
76/ 75				.3	.8	.9	1.9	.5	.5	.4	.1							102	104		
74/ 73			.1	.3	.7	1.2	1.5	.9	.5	.1	.1	.2						102	108		
72/ 71		.1	.2	.5	.2	.8	1.2	.8	.5	.5	.3							91	94	4	
70/ 69		.1	.5	.6	.4	.9	.8	1.1	1.2	.7	.2							119	123	28	2
68/ 67		.1	1.0	.3	.7	.5	1.1	.6	.9	.8	.1							111	118	68	10
66/ 65	.1	.4	.3	.5	.4	1.1	1.5	1.4	.5	.6								128	133	100	26
64/ 63	.1	.8	.9	.4	.6	1.3	.9	1.2	1.3	.3								142	144	124	52
62/ 61		.7	.4	.8	.6	.8	.9	1.8	.9	.4								134	136	99	73
60/ 59	.1	.6	.4	.5	.5	.6	1.1	1.1	.6	.1								102	102	117	79
58/ 57	.2	.7	.3	.1	.4	1.0	.9	1.0	.4									92	93	103	96
56/ 55	.1	.5	.7	.7	.7	.7	.8	.8	.1									89	91	121	99
54/ 53	.1	.5	.8	.4	1.1	1.1	.9	.3										94	96	128	75
52/ 51		.8	.7	.6	1.2	1.0	1.0	.2										100	104	119	78
50/ 49		.2	.3	.3	.9	1.3	.4	.1										67	70	146	88
48/ 47		.2	.4	.7	.7	1.1	.3											60	62	131	88
46/ 45		.3	.4	.4	.4	.7	.1											44	45	116	90
44/ 43	.1	.1	.5	.4	.6	.3	.1											39	41	100	78
42/ 41	.1	.2	.5	.1	.2	.1												23	24	93	70
40/ 39	.1	.3	.2	.4	.2	.1												23	23	87	87
38/ 37	.1	.2	.1	.2	.1	.1												13	16	58	95
36/ 35		.1	.1		.3													7	7	29	91
34/ 33		.1		.1														3	3	24	95
32/ 31				.1	.1													4	4	9	64
30/ 29				.1														1	1	4	87
28/ 27																				7	62
26/ 25																				2	63
24/ 23																				3	69
22/ 21																					28
20/ 19																					13
18/ 17																					15

Element (X)	Σy^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
16/ 15																						16
14/ 13																						8
12/ 11																						12
10/ 9																						7
8/ 7																						1
6/ 5																						3
TOTAL	.9	6.8	8.8	9.1	12.0	16.7	17.3	14.1	8.7	4.5	1.0	.2							1820	1878	1820	1820

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5647557	95239	52.4	19.069	1819							
Dry Bulb	7402519	116207	61.9	10.624	1878		.2	32.7	16.7	2.0		90
Wet Bulb	5123670	95024	52.2	9.448	1820		1.2	4.9				90
Dew Point	3629103	77607	42.6	13.260	1820		22.2	.6				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) NOV (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
84/ 83								.1	.1	.1								4	4		
82/ 81						.1	.1	.3	.2	.1		.1	.1					16	17		
80/ 79						.2	.3	.4	.2	.2								22	25		
78/ 77					.2	.3	.7	.4	.5	.3								44	47		
76/ 75				.3	.5	1.3	1.3	.7	.4	.2			.1					86	89		
74/ 73			.1	.2	.5	.9	1.3	.4	.6	.3	.1	.1						80	84		
72/ 71		.2	.2	.8	.8	.9	1.6	1.0	.6	.5	.1							123	127	4	
70/ 69		.1	.5	.6	.8	.8	.7	1.0	.7	.4	.1							103	108	17	3
68/ 67		.3	.4	.7	.8	.9	.9	1.0	.5	.6								111	115	57	10
66/ 65		.3	.7	.3	1.0	1.0	1.2	.9	.8	.4	.1							120	126	90	17
64/ 63		.7	.5	1.2	.6	1.0	1.1	1.4	1.0	.3								143	147	96	42
62/ 61	.1	.5	.7	.5	.9	.7	1.3	1.2	.7	.2								124	125	119	64
60/ 59	.1	.5	.6	.7	.8	.6	1.6	1.3	.5									122	123	103	84
58/ 57	.2	.3	.4	.3	.9	.8	.6	1.2	.4									90	90	135	88
56/ 55	.1	.5	.9	.5	1.0	1.1	1.1	.6	.2									109	111	100	85
54/ 53	.2	.8	.2	.6	.9	.8	1.2	.5										101	102	131	94
52/ 51	.2	.7	.5	.9	.8	.8	1.0	.3										96	100	115	81
50/ 49		.2	.8	.5	1.2	1.2	.8	.1										87	88	146	97
48/ 47	.1	.3	.2	.6	.9	1.3	.3	.1										68	73	133	84
46/ 45		.2	.5	.9	1.0	.3	.1											52	55	122	84
44/ 43	.2	.2	.5	.2	.5	.4	.1											39	39	107	85
42/ 41	.1		.8	.2	.3	.2												28	28	99	95
40/ 39	.1	.3	.4	.2	.3	.1												25	25	96	72
38/ 37		.1	.1	.2	.2	.1												12	16	73	86
36/ 35			.1	.2	.1													7	7	28	106
34/ 33		.1		.1	.1													4	4	21	91
32/ 31		.1			.2													5	5	16	74
30/ 29				.1														1	1	5	78
28/ 27				.1														1	1	4	57
26/ 25																				2	68
24/ 23																				4	65
22/ 21																					40
20/ 19																					16
18/ 17																					15

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
16/ 15																						12
14/ 13																						10
12/ 11																						10
10/ 9																						5
8/ 7																						3
6/ 5																						2
TOTAL	1.2	6.2	9.4	10.8	15.1	15.7	17.2	12.9	7.4	3.5	.3	.2	.1						1823	1882	1823	1823

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5859777	97457	53.5	18.884	1823							
Dry Bulb	7176533	114529	60.9	10.487	1882		.3	29.5	12.7	1.6		90
Wet Bulb	5008679	94021	51.6	9.358	1823		1.5	3.9				90
Dew Point	3570614	77104	42.3	13.033	1823		22.5	.6				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79								.1										2	2		
78/ 77						.1	.1											3	3		
76/ 75						.1	.1											3	4		
74/ 73			.1		.2	.1		.1										8	13		
72/ 71		.3	.2	.8	.4	.3	.1											35	38	4	
70/ 69		.2	.5	1.0	.9	.6												58	58	4	5
68/ 67		.3	1.2	1.2	.7	.3	.2											68	69	10	7
66/ 65	.1	.7	1.3	1.6	.8	.2		.3										88	92	58	8
64/ 63	.1	1.2	1.0	1.5	.7	.3	.1		.1									89	90	65	36
62/ 61		1.0	1.0	1.5	.9	.3	.1	.2										93	95	81	70
60/ 59	.4	.9	1.4	1.2	.7	.6	.2	.1										99	104	105	66
58/ 57	.4	1.0	1.5	1.7	.7	.6	.4											116	119	82	31
56/ 55	.1	1.2	1.6	1.5	1.3	.6	.2											118	119	97	84
54/ 53	.1	1.8	2.4	1.8	1.1	.7	.1											146	151	99	85
52/ 51	.2	1.2	2.1	2.2	1.6	.4												140	145	127	106
50/ 49	.1	1.2	2.0	2.0	1.2	.6	.1											127	133	120	31
48/ 47	.1	1.0	1.2	1.8	1.0	.3												97	102	133	116
46/ 45	.2	.9	2.5	1.8	1.0	.3												123	124	143	99
44/ 43	.1	.9	1.7	1.3	.6	.3												88	89	112	88
42/ 41	.1	.5	2.7	1.6	.8	.2												106	112	124	87
40/ 39	.1	.6	2.0	1.5	.5	.1												87	87	117	105
38/ 37		.7	1.2	.6	.1													45	46	105	96
36/ 35		.3	.7	.4														25	27	87	135
34/ 33		.2	.6	.4														18	20	58	101
32/ 31		.3	.6															16	16	33	79
30/ 29		.2	.1	.1														6	6	20	65
28/ 27		.1	.2	.2														8	8	17	62
26/ 25			.1															2	2	3	48
24/ 23																				7	30
22/ 21																				3	21
20/ 19																					19
18/ 17																					9
16/ 15																					8
14/ 13																					6

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
12/ 11																						6
10/ 9																						1
8/ 7																						4
TOTAL	1.9	16.6	29.6	27.8	15.1	6.7	1.5	.3	.1											1674		1814
																			1814		1814	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9343504	127422	70.2	14.721	1814							
Dry Bulb	5436120	99176	52.9	10.006	1374		1.5	9.0	1.1	.0		90
Wet Bulb	4357585	87131	48.0	9.753	1814		4.1	.9				90
Dew Point	3600842	77896	42.9	11.880	1814		17.8	.6				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.1	.1	.1												4	4		
74/ 73			.3	.1	.2													9	10		
72/ 71		.2	.1	.4	.2													16	22		
70/ 69		.2	.3	.7	.2													25	28	11	3
68/ 67		.3	1.0	.6	.4	.1												43	43	11	9
66/ 65		.7	1.8	1.1	.3		.1	.1										73	73	26	6
64/ 63	.1	1.3	.6	.8	.2	.1	.1											56	56	57	26
62/ 61	.3	1.8	1.3	.9	.3		.1											84	85	68	21
60/ 59	.2	1.6	1.3	1.4	.3	.1	.2											90	92	85	49
58/ 57	.4	1.0	1.2	.8	.2	.3	.1											69	74	71	38
56/ 55	.2	1.9	1.5	.9	.6	.2												98	99	68	74
54/ 53	.3	2.9	2.0	1.1	.5	.2												127	128	99	65
52/ 51	.4	1.9	2.0	.7	.8	.1												107	107	103	87
50/ 49	.2	2.6	2.2	1.4	.3	.1												124	131	109	103
48/ 47	.3	2.4	1.6	1.0	.4	.1												108	111	131	104
46/ 45	.2	3.7	2.5	1.6														145	155	122	91
44/ 43	.2	1.9	2.7	1.3	.3	.1												117	123	131	111
42/ 41	.2	1.8	3.4	1.1	.5	.1												128	136	114	103
40/ 39	.2	1.3	2.6	.8	.1													91	91	134	79
38/ 37	.2	2.3	1.7	1.3														100	100	109	121
36/ 35		1.6	1.2	.2														55	56	101	117
34/ 33	.1	1.8	1.2	.3														63	65	100	125
32/ 31	.2	1.1	.5	.1														34	35	66	93
30/ 29	.1	.9	.7															29	31	46	69
28/ 27		.4	.4															15	15	28	67
26/ 25		.1	.2	.1														6	6	13	50
24/ 23		.1	.1															4	4	7	31
22/ 21																				5	37
20/ 19		.1																2	2	4	16
18/ 17																				1	7
16/ 15																					8
14/ 13																					6
12/ 11																					1
6/ 5																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB, MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.0	35.7	34.3	18.7	5.7	1.4	.4	.1										1820	1882	1820	1820

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11295560	141478	77.7	12.794	1820							
Dry Bulb	4771923	92645	49.2	10.599	1882		4.4	5.1	.7			90
Wet Bulb	4012188	83388	45.8	10.262	1820		8.4	1.1				90
Dew Point	3488618	76818	42.2	11.637	1820		19.2	.6				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) DEC (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69		.2	.3	.1														9	9		
68/ 67		.3	.5	.2														19	19	6	1
66/ 65	.1	.2	.6	.1														17	17	11	12
64/ 63	.1	.5	.4	.1														21	21	13	6
62/ 61	.3	1.5	.7	.2														49	49	43	20
60/ 59	.3	1.8	.6	.3	.1	.1												59	62	40	53
58/ 57	.2	1.2	.6	.1	.2													41	44	54	42
56/ 55	.1	1.0	.5	.5	.1	.1												54	60	38	35
54/ 53	.2	2.2	.2	.7	.3	.1												67	70	54	40
52/ 51	.2	1.4	.7	.5	.4	.1	.1											65	70	47	66
50/ 49	.2	2.1	1.1	.7	.2	.1												80	81	53	41
48/ 47	.4	2.2	1.1	.7	.2	.1												87	91	85	48
46/ 45	.3	2.8	.8	1.1	.5	.1												106	111	91	71
44/ 43	.5	3.2	2.0	.5	.2													120	123	112	70
42/ 41	.5	2.2	2.2	.7	.5	.1												118	119	86	105
40/ 39	.2	2.8	2.6	.9	.6													136	140	123	79
38/ 37	.6	3.3	1.4	1.1	.2													125	126	128	81
36/ 35	.3	2.8	1.6	.8	.1													107	108	131	108
34/ 33	.3	3.7	2.1	.3														121	121	129	129
32/ 31	.7	4.0	1.7	.2														124	126	140	116
30/ 29	.4	4.4	1.6	.1														123	125	135	105
28/ 27	.3	3.5	.8															88	90	114	114
26/ 25	.4	2.1	.7															60	60	86	114
24/ 23	.2	1.3	.2															32	32	56	110
22/ 21	.1	1.2	.2															28	28	41	92
20/ 19	.2	.8																19	19	27	68
18/ 17	.2	.4																12	12	22	67
16/ 15	.1	.1																3	3	4	34
14/ 13																				1	23
12/ 11		.2																3	3	1	21
10/ 9																				2	13
8/ 7																					2
6/ 5	.1																	1	1	1	2
4/ 3	.1																	2	2	2	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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (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
2/ 1																					2
0/ -1																					3
TOTAL	7,253	825.1	9.7	3.6	.6	.1												1896	1942	1896	1896

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12312479	150605	79.4	13.580	1896							
Dry Bulb	3530939	79775	41.1	11.437	1942		24.0	1.3				93
Wet Bulb	3039449	72873	38.4	11.220	1896		32.0	.3				93
Dew Point	2600333	65881	34.7	12.814	1896	.1	43.0	.0				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
70/ 69		.2	.3	.1														9	9		
68/ 67		.1	.4	.2														12	13	6	2
66/ 65		.1	.2															6	6	3	7
64/ 63	.1	.8	.5															25	25	15	4
62/ 61	.1	1.9	.3	.2														49	51	35	17
60/ 59	.5	1.1	.3															36	40	46	51
58/ 57	.2	2.2	.4	.1	.4													62	62	51	40
56/ 55	.2	1.5	.4	.3	.1													46	49	39	47
54/ 53	.3	1.4	.8	.2	.1													52	58	37	41
52/ 51	.3	2.3	.6	.4	.2	.1	.1											74	80	60	41
50/ 49	.3	1.6	.6	.5	.3													62	57	62	55
49/ 47	.3	2.7	.9	.1	.2	.1												81	84	59	46
46/ 45	.4	2.5	.8	1.0	.3	.1												94	95	79	72
44/ 43	.7	3.1	.8	.8	.2	.1												107	109	101	80
42/ 41	.6	2.0	1.4	.3	.9			.1										98	100	92	82
40/ 39	.6	3.6	1.5	.3	.2													117	122	93	67
38/ 37	.5	3.9	2.0	.8														136	136	122	77
36/ 35	.5	3.1	2.0	.5	.1													117	118	125	97
34/ 33	.6	3.5	2.6	.3														121	122	139	107
32/ 31	.9	3.8	1.5	.2														119	120	140	130
30/ 29	.6	4.2	1.0	.2														118	118	132	113
28/ 27	.7	4.8	1.0															123	129	120	117
26/ 25	.2	3.2	.2															67	67	115	134
24/ 23	.3	1.9	.3															45	45	76	86
22/ 21	.3	1.6	.2															40	40	43	101
20/ 19	.3	1.2	.1															29	29	39	72
18/ 17	.4	.6																18	18	29	68
16/ 15	.3	.3																12	12	14	45
14/ 13	.1	.2																4	4	7	36
12/ 11																					18
10/ 9		.1																2	2	2	14
8/ 7		.1																1	1	1	10
6/ 5																					1
4/ 3	.2																	3	3	3	1

Element (X)	ΣX^1	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Tot..
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 1																					1
0/ -1																					2
-2/ -3																					2
-8/ -9																					1
TOTAL	10.4	59.4	20.4	6.3	3.0	.3	.1	.1										1885	1934	1885	1885

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12852699	153777	81.6	12.779	1885							
Dry Bulb	3220888	76822	39.7	11.805	1934		28.3	1.1				93
Wet Bulb	2885960	70480	37.4	11.536	1885		35.6	.3				93
Dew Point	2508723	64251	34.1	12.992	1885	.2	47.0	.1				93

USAFETAC FORM 0-26-5 (OL 4) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69		.1	.2	.1														5	5	1	
68/ 67		.1	.3	.1														9	9		1
66/ 65		.4	.2															12	12	7	
64/ 63	.1	.7	.1															17	17	18	15
62/ 61	.3	1.8	.3	.1	.1													47	54	29	23
60/ 59	.4	1.8	.3	.1	.1													51	55	39	36
58/ 57	.3	1.5	.3	.2	.1													42	42	50	42
56/ 55	.3	1.3	.3	.3														41	43	39	46
54/ 53	.3	1.9	.7	.3	.1													61	70	36	34
52/ 51	.3	1.9	.4	.1	.1	.2												55	62	63	44
50/ 49	.3	1.9	.7	.1	.2	.1	.1											60	65	61	56
48/ 47	.3	2.3	.5	.2	.4													72	74	60	54
46/ 45	.6	2.7	1.2	.5	.1													96	98	66	70
44/ 43	.6	2.9	1.7	1.4	.2													128	129	91	71
42/ 41	.6	2.6	1.6	.5	.5	.1												110	116	92	65
40/ 39	.7	3.1	1.6	.6	.2													119	121	119	85
38/ 37	.5	3.1	1.8	.5	.1													112	112	121	76
36/ 35	.7	3.3	2.0	.5														123	124	119	96
34/ 33	.6	4.5	1.7	.3														133	134	130	108
32/ 31	.8	4.4	1.8	.4														139	141	151	130
30/ 29	.5	4.7	1.3	.1														125	126	134	129
28/ 27	.5	3.6	.6	.1														90	94	140	109
26/ 25	.3	3.3	.4	.1														77	78	100	129
24/ 23	.3	1.8	.2															42	42	78	105
22/ 21	.1	1.9	.2															41	41	38	89
20/ 19	.1	1.3																25	25	40	74
18/ 17	.4	.8	.1															25	25	28	60
16/ 15	.2	.5																12	13	16	43
14/ 13	.2	.2																7	7	11	36
12/ 11																					30
10/ 9																					15
8/ 7		.2																4	4	2	4
6/ 5																				2	2
4/ 3	.1																	2	2	2	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC MONTH

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
0/ -1																						5
-2/ -3																						1
TOTAL	10.2	60.5	20.4	6.4	2.1	.3	.1												1883	1940	1883	1883

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12953145	154401	82.0	12.470	1883							
Dry Bulb	3283598	76536	39.5	11.671	1940		28.7	.7				93
Wet Bulb	2841997	69903	37.1	11.456	1883		36.6	.0				93
Dew Point	2480505	63889	33.9	12.892	1883	.3	47.5	.0				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC 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
76/ 75					.1													1	1		
74/ 73				.1	.1	.1												4	4		
72/ 71		.1	.1	.1	.3													9	9		
70/ 69		.2	.4	.3	.1	.1												21	22	2	2
68/ 67		.3	.6	.2	.1													23	23	12	4
66/ 65		.4	.6	.2	.3		.1	.1										30	30	23	9
64/ 63	.1	.8	.6	.1	.2	.3	.1	.1	.1									43	43	25	17
62/ 61	.2	1.5	.4	.3	.2	.1	.2	.1		.1								58	60	39	34
60/ 59	.2	1.3	.5	.5	.4	.2	.1		.1									61	63	54	43
58/ 57	.1	1.4	.5	.3	.4	.2	.2	.1	.1									59	62	43	51
56/ 55	.2	1.9	1.3	.4	.5	.4	.3	.1										94	100	61	40
54/ 53		1.5	.4	.9	.6	.7	.3	.1										84	88	61	56
52/ 51	.4	1.3	1.0	.5	.8	.8	.2											97	101	69	63
50/ 49	.5	1.9	1.6	1.4	1.1	.8	.2	.1										145	147	71	53
48/ 47	.1	1.0	.8	1.5	1.4	.6												103	106	90	53
46/ 45	.2	3.1	1.1	1.6	1.8	.4	.2											161	162	106	69
44/ 43	.3	2.2	2.2	2.2	1.0	.3												159	159	144	80
42/ 41	.4	1.5	1.9	1.1	.9	.4												119	121	152	77
40/ 39	.4	2.1	2.0	2.1	1.0	.1												147	147	165	100
38/ 37	.3	2.6	1.5	1.4	.6													121	122	172	105
36/ 35	.4	1.5	1.8	1.8	.3													111	114	123	107
34/ 33	.2	.8	2.0	1.3	.1													82	82	120	121
32/ 31		1.0	1.3	1.0	.1													64	65	116	140
30/ 29	.2	.4	1.1	.2	.1													36	37	89	116
28/ 27		.5	.8	.4														33	33	65	83
26/ 25		.4	.5	.1														19	19	43	99
24/ 23		.4	.3															12	12	28	71
22/ 21		.3	.1															7	7	18	80
20/ 19		.2	.1															5	5	12	52
18/ 17		.1																1	1	5	58
16/ 15		.1																1	1	1	46
14/ 13		.1																1	1	1	30
12/ 11		.1																2	2	1	20
10/ 9		.1																1	1	2	11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																				1	6
6/ 5																					2
2/ 1																					3
0/ -1																					5
TOTAL	3.9	30.8	25.4	19.8	12.4	5.3	1.6	.5	.2	.1								1914	1950	1914	1914

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10128005	134969	70.5	17.863	1914							
Dry Bulb	4298081	89211	45.7	10.546	1950		0.4	2.8	.2			93
Wet Bulb	3510590	79480	41.5	10.481	1914		18.6	.7				93
Dew Point	2799118	68690	35.9	13.213	1914	.2	40.0	.3				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 62-65,68-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79							.1	.1										2	2		
78/ 77						.1	.2											6	6		
76/ 75				.1	.2	.5	.1	.1										16	16		
74/ 73				.3	.1	.5	.4											23	23		
72/ 71		.1	.1	.2	.7	.5	.1		.1		.1							33	33		
70/ 69			.4	.5	.3	.4	.1	.2	.3		.1							41	42	2	1
68/ 67	.1	.1	.3	.8	.4	.5	.4	.4	.2	.2								60	61	20	1
66/ 65	.1	.4	.4	.6	.6	.4	.3	.3	.2	.1								63	64	29	5
64/ 63	.1	.8	.7	.6	.4	.4	.6	.5	.3		.1							83	83	60	27
62/ 61		1.4	.4	.3	.5	.5	.7	.7	.1	.1								89	90	60	40
60/ 59	.1	.5	.8	.6	.3	.5	.9	.9	.3	.1								94	96	63	51
58/ 57	.1	.9	.5	.4	.8	.2	1.0	.6	.1									102	104	49	66
56/ 55	.1	1.2	.5	.4	.5	1.0	1.5	.5										109	117	81	49
54/ 53	.1	.9	.9	.7	.6	1.6	1.1	.4										121	124	73	71
52/ 51	.1	.9	1.0	.5	1.2	1.7	.7	.2										120	121	82	52
50/ 49	.2	.9	.9	1.0	1.6	1.5	1.2	.3										144	146	93	37
48/ 47	.3	1.7	.8	1.1	1.8	1.0	.6	.4										149	149	134	85
46/ 45	.2	1.4	.8	1.3	.7	.7	.8											112	114	134	54
44/ 43	.1	1.5	1.4	.5	.9	.7	.1											100	101	178	86
42/ 41	.3	1.7	.7	.7	1.6	.8	.1											111	112	161	83
40/ 39	.3	1.4	1.4	1.1	1.3	.4												111	112	173	88
38/ 37	.2	1.0	.9	.8	.6	.1												72	73	112	115
36/ 35		.5	.6	.8	.5													45	45	97	118
34/ 33	.2	.4	.4	.8	.3	.1												43	43	116	93
32/ 31		.2	.4	.7	.3													29	29	72	130
30/ 29	.1	.1	.4	.2	.1													16	16	40	122
28/ 27	.1	.1	.2	.1														9	9	37	78
26/ 25		.2	.2															7	7	27	73
24/ 23		.1		.1														2	2	15	60
22/ 21		.1																1	1	3	85
20/ 19																				2	50
18/ 17																					56
16/ 15			.2															2	3		50
14/ 13																				1	33

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																				2	17
10/ 9																					19
8/ 7																					10
6/ 5																					2
4/ 3																					1
2/ 1																					1
0/ -1																					4
-4/ -5																					3
TOTAL	2.3	18.3	14.9	15.1	16.2	14.7	11.0	5.4	1.5	.3	.3							1916	1944	1916	1916

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7824051	115543	60.3	21.146	1916							
Dry Bulb	5337025	99645	51.3	10.067	1944		3.2	4.8	2.2			93
Wet Bulb	4019543	85581	44.7	10.141	1916		9.7	1.1				93
Dew Point	2905160	69808	36.4	13.744	1916	.3	38.5	.1				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC MONTH

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

Ter. p. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
78/ 77						.2	.1	.2											8	8		
76/ 75					.2	.3	.2												14	14		
74/ 73					.3	.5	.1												16	16		
72/ 71			.1	.4	.3	.7	.3			.1	.1								36	37		
70/ 69		.1	.1	.7	.6	.4	.1	.1	.3	.1	.1								45	45	1	
68/ 67		.2	.6	.7	.6	.1	.4	.3	.2	.2									63	64	13	
66/ 65	.1	.2	.4	.6	.3	.2	.3	.4	.1										46	46	30	6
64/ 62		.6	.6	.5	.6	.6	.6	.2	.2		.1								76	79	62	24
62/ 61		1.5	.4	.5	.5	.8	.5	.4	.1	.1									94	97	60	35
60/ 59	.1	.5	.3	.6	.3	.7	.7	.7	.4	.1									82	84	67	57
58/ 57	.1	1.3	.4	.7	.9	.9	1.3	.4	.3										119	122	48	64
56/ 55	.1	1.3	.3	.7	.4	1.1	1.2	.5	.1										108	115	69	57
54/ 53	.2	.6	1.4	.4	.6	1.3	1.1	.3											109	111	81	58
52/ 51	.1	.7	.5	.2	1.1	1.7	1.3	.3											112	113	86	47
50/ 49		1.9	1.0	.8	2.1	1.5	1.3												165	166	105	51
48/ 47	.3	1.3	.8	1.5	1.2	1.5	.8	.1											150	150	118	86
46/ 45	.2	1.2	.7	.9	1.1	.9	.6												107	109	130	82
44/ 43	.1	1.7	1.5	.5	1.4	.7	.1												114	118	143	65
42/ 41	.2	1.4	1.1	1.0	1.4	.6	.1												109	109	196	91
40/ 39		1.7	.8	.8	1.1	.4	.1												94	95	161	81
38/ 37	.3	.9	1.3	.0	.9	.3													82	82	124	103
36/ 35	.1	.8	1.0	1.1	.6														69	69	115	97
34/ 33	.1	.4	.4	.7	.3	.1													37	37	100	121
32/ 31	.1	.1	.2	.7	.2														23	23	74	130
30/ 29	.2	.3	.3	.3	.1														21	21	55	108
28/ 27		.3	.1	.1															8	8	31	86
26/ 25			.1																2	2	27	84
24/ 23			.1	.1															2	2	9	59
22/ 21		.1																	2	2	2	77
20/ 19		.1																	1	1	5	63
18/ 17																						44
16/ 15			.1																2	2		49
14/ 13			.1																1	1		31
12/ 11																					2	18

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC 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
10/ 9																				1	21
8/ 7																					7
6/ 5																					4
4/ 3																					3
2/ 1																					2
0/ -1																					2
-2/ -3																					1
-4/ -5																					3
TOTAL	2.5	18.9	14.6	15.0	16.9	15.5	10.9	3.7	1.6	.5	.2							1917	1948	1917	1917

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7952099	116597	60.8	21.191	1917							
Dry Bulb	5296633	99379	51.0	10.791	1948		1.0	8.8	1.8			93
Wet Bulb	3993494	85338	44.5	10.077	1917		10.0	.7				93
Dew Point	2900825	69801	36.4	13.693	1917	.3	30.4					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73					.1													1	1		
72/ 71				.2	.1	.1												7	7		
70/ 69			.4	.3	.4													20	20		
68/ 67		.2	.5	.4	.3	.1												26	26	3	
66/ 65		.2	.9	.5	.1													31	31	17	6
64/ 63		.8	.6	.3	.1	.1	.2											37	37	32	13
62/ 61	.2	1.4	.6	.4	.4	.2	.1											61	63	58	37
60/ 59	.2	1.3	.7	.5	.4	.4	.1											68	71	55	43
58/ 57	.2	1.2	.3	.6	.5	.3												58	64	40	01
56/ 55	.2	1.6	.7	.3	.5	.2	.1											86	88	58	40
54/ 53	.1	1.4	.7	1.0	.4	.4	.1											76	78	61	56
52/ 51		1.6	.8	.5	.8	.2	.1											76	81	65	42
50/ 49	.2	1.9	1.4	.7	1.4	.4	.2											117	119	91	59
48/ 47	.5	2.3	1.7	1.5	1.2	.6	.1											149	150	97	67
46/ 45	.5	2.2	1.4	1.5	1.1	.4												134	136	104	85
44/ 43	.3	1.7	2.3	2.4	.8	.3												147	149	125	82
42/ 41	.2	2.1	2.8	2.1	.7	.2												152	152	120	107
40/ 39	.2	2.0	3.5	2.1	.6	.1												159	159	154	66
38/ 37	.2	2.6	1.9	1.4	.4													124	126	193	100
36/ 35	.1	1.6	2.5	1.2	.2	.1												109	111	168	133
34/ 33	.4	1.0	1.4	1.5														82	82	130	140
32/ 31	.1	.6	1.8	.9	.1													68	69	89	125
30/ 29		.8	1.3	.3	.2													49	49	73	124
28/ 27	.1	.3	.7	.1														21	21	77	83
26/ 25		.7	.5	.1														24	24	41	108
24/ 23		.2	.1															6	6	33	70
22/ 21		.1	.1															3	3	12	60
20/ 19		.1	.1															3	3	4	58
18/ 17		.1	.1															2	2	1	44
16/ 15																				1	28
14/ 13																				1	25
12/ 11		.1																1	1		14
10/ 9		.1																2	2	1	9
8/ 7																				2	2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
6/ 5																					3
2/ 1																					3
0/ -1																					3
-2/ -3																					3
TOTAL	3.	30.	1	29.	8	21.	0	11.	0	4.	0	.	6						1931		1899
																		1899		1899	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10386149	137023	72.2	16.218	1899							
Dry Bulb	4209903	87929	45.5	10.332	1931		8.7	2.6	.0			93
Wet Bulb	3482387	78953	41.6	10.261	1899		16.6	.1				93
Dew Point	2827088	69212	36.4	12.667	1899	.3	37.3					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69		.1	.3	.3														11	11		
68/ 67		.3	.7	.3	.2													28	28	4	
66/ 65		.2	.5	.1														14	14	10	8
64/ 63	.1	.9	.5	.1		.1												32	33	29	9
62/ 61	.3	1.1	.3	.4	.2	.1												45	47	41	34
60/ 59	.4	1.7	.7	.2	.2													59	60	40	49
58/ 57	.1	1.8	.3	.3	.4	.3												59	67	44	30
56/ 55	.1	1.6	.6	.4	.4	.3												63	67	58	51
54/ 53	.2	1.9	.7	.7	.5	.3												82	85	48	54
52/ 51	.1	1.7	.6	.7	.6	.1												71	74	59	57
50/ 49	.3	1.8	1.4	.6	.7	.1												92	96	73	45
48/ 47	.2	2.1	1.3	.9	.5	.1												97	99	77	54
46/ 45	.3	2.0	1.3	1.6	.6	.1												112	115	118	68
44/ 43	.6	3.1	1.3	.8	.6	.1												123	123	98	78
42/ 41	.4	2.0	2.4	1.1	.7													124	127	113	104
40/ 39	.2	3.0	2.9	1.2	.5													150	151	113	72
38/ 37	.3	3.4	2.2	1.2	.1													136	136	157	88
36/ 35	.1	3.7	2.7	.7														137	137	147	131
34/ 33	.2	4.1	1.9	.4														126	130	162	137
32/ 31	.1	2.2	2.4	.6														100	102	140	117
30/ 29	.1	2.2	1.9	.2														82	82	86	126
28/ 27	.1	1.8	1.2	.1														60	60	114	106
26/ 25	.1	1.4	.6	.1														41	41	69	111
24/ 23	.1	.6	.6															24	24	43	96
22/ 21	.1	.5	.1															12	12	25	81
20/ 19		.3																6	6	19	53
18/ 17	.1	.1																3	3	6	46
16/ 15		.1	.1															2	2	1	35
14/ 13		.1																1	1	2	21
12/ 11																				1	15
10/ 9																					8
8/ 7		.2																3	3	1	1
6/ 5																				2	2
2/ 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,58-74 YEARS | DEC 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
0/ -1																					1
-2/ -3																					2
TOTAL	4.3	46.1	29.4	12.9	6.0	1.3												1895	1936	1895	1895

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11593987	145739	76.9	14.269	1895							
Dry Bulb	3793494	83052	42.9	10.918	1936		16.1	1.9				93
Wet Bulb	3217883	75379	39.8	10.765	1895		25.0	.2				93
Dew Point	2707367	67553	35.6	12.569	1895	.1	40.5					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,58-74 (YEARS)

HRS. (L.S.T.)		JAN	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP.	OCT	NOV.	DEC.	ANNUAL
00-02	MEAN	39.5	42.0	49.4	58.2	64.0	71.0	73.3	72.6	67.3	55.9	47.3	41.1	56.8
	S D	12.460	11.258	11.351	8.866	7.083	5.048	3.612	4.003	6.320	9.378	11.051	11.437	15.205
	TOTAL OBS	1825	1629	1843	1790	1926	1749	1785	1850	1794	1835	1880	1942	21844
03-05	MEAN	38.2	40.2	47.2	55.8	61.8	69.0	71.5	70.8	65.5	53.7	45.5	39.7	54.9
	S D.	12.769	11.518	11.411	9.174	7.378	5.112	3.602	4.161	7.183	9.847	11.296	11.805	15.280
	TOTAL OBS	1840	1631	1844	1784	1933	1740	1789	1850	1791	1832	1883	1934	21851
06-08	MEAN	37.5	39.9	47.9	58.4	66.0	73.7	75.5	73.9	68.0	55.5	45.9	39.5	56.8
	S D	12.896	11.496	11.290	8.860	7.453	5.308	4.702	4.944	7.506	9.694	11.133	11.671	16.689
	TOTAL OBS	1841	1630	1836	1780	1928	1742	1784	1858	1795	1833	1878	1940	21845
09-11	MEAN	43.3	47.0	56.1	67.3	75.3	82.5	84.2	83.2	78.1	68.8	55.5	45.7	65.5
	S D	12.375	11.007	11.229	8.499	7.479	6.146	5.248	5.097	7.139	8.410	10.402	10.546	17.259
	TOTAL OBS	1939	1625	1845	1785	1929	1748	1786	1857	1785	1832	1880	1950	21855
12-14	MEAN	49.9	53.3	61.7	72.6	79.9	86.4	88.2	87.6	82.8	74.3	61.9	51.3	70.7
	S. D.	12.651	11.397	11.611	8.727	7.653	6.342	5.957	5.176	7.153	8.324	10.624	10.867	16.869
	TOTAL OBS	1839	1627	1840	1784	1932	1746	1777	1854	1793	1832	1878	1944	21846
15-17	MEAN	49.6	54.0	62.7	73.4	80.0	86.1	87.4	86.6	81.9	73.1	60.9	51.0	70.5
	S. D.	12.554	11.041	11.596	8.631	7.572	6.590	6.520	5.702	7.102	8.315	10.487	10.791	16.528
	TOTAL OBS	1843	1627	1838	1780	1932	1744	1790	1851	1788	1833	1882	1948	21856
18-20	MEAN	44.4	48.2	57.1	67.0	73.5	80.0	81.5	80.1	74.1	63.2	52.9	45.5	63.9
	S D	11.804	10.430	10.922	8.339	7.420	6.018	5.564	5.113	6.650	8.122	10.006	10.332	15.992
	TOTAL OBS	1837	1624	1835	1785	1930	1749	1774	1857	1788	1833	1874	1931	21817
21-23	MEAN	41.5	44.4	52.6	61.6	67.3	74.2	76.1	75.1	69.5	58.5	49.2	42.9	59.4
	S D	12.203	10.826	10.952	8.428	6.894	4.961	3.963	4.079	6.559	8.725	10.599	10.918	15.244
	TOTAL OBS	1831	1627	1845	1786	1920	1749	1787	1856	1793	1835	1802	1936	21847
ALL HOURS	MEAN	42.9	46.1	54.3	64.3	71.0	77.9	79.7	78.7	73.4	62.8	52.4	44.6	62.3
	S. D.	13.201	12.244	12.622	10.759	9.946	8.817	7.856	7.800	9.479	11.715	12.318	11.890	17.185
	TOTAL OBS	14695	13029	14726	14274	15430	13963	14266	14833	14327	14665	15037	15525	174761

DATA PROCESSING FORMS 06472

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13825 — STATION
COLUMBUS AFB MISSISSIPPI — STATION NAME
42-46,58-74 — YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT	NOV	DEC.	ANNUAL
00-02	MEAN	37.0	39.0	45.8	54.5	61.3	68.2	70.7	70.2	65.1	53.5	44.7	38.4	54.1
	S.D.	12.189	11.152	11.058	8.781	6.720	4.609	3.352	3.894	6.762	9.297	10.700	11.220	15.161
	TOTAL OBS	1812	1627	1840	1790	1899	1736	1784	1850	1794	1820	1809	1896	21657
03-05	MEAN	35.9	37.8	44.3	53.0	59.8	66.9	69.7	69.1	63.7	51.8	43.4	37.4	52.8
	S.D.	12.534	11.496	11.305	9.264	7.136	4.896	3.567	4.177	7.126	9.812	10.976	11.536	15.345
	TOTAL OBS	1828	1627	1840	1784	1896	1716	1786	1830	1790	1814	1815	1885	21631
06-08	MEAN	35.5	37.5	44.8	54.7	62.3	69.4	71.7	70.7	65.1	53.0	43.7	37.1	53.9
	S.D.	12.689	11.510	11.264	9.020	6.903	4.839	3.642	4.226	7.107	9.543	10.904	11.436	16.057
	TOTAL OBS	1824	1623	1829	1780	1915	1737	1784	1858	1794	1823	1813	1883	21663
09-11	MEAN	39.4	42.1	49.4	58.8	66.0	72.5	75.0	74.3	69.5	59.6	49.4	41.5	58.2
	S.D.	12.034	10.822	10.684	8.239	6.396	4.489	3.264	3.642	6.198	7.850	9.783	10.481	15.293
	TOTAL OBS	1833	1621	1845	1785	1929	1748	1780	1857	1785	1852	1821	1914	21750
12-14	MEAN	42.7	45.3	51.9	60.7	67.2	73.2	75.5	75.0	70.6	61.4	52.2	44.7	60.1
	S.D.	11.511	10.358	10.106	7.755	5.999	4.287	3.269	3.533	5.669	7.333	9.448	10.141	14.240
	TOTAL OBS	1836	1627	1840	1784	1932	1746	1777	1854	1793	1852	1820	1916	21757
15-17	MEAN	42.9	45.7	52.0	60.8	67.2	72.9	75.0	74.4	70.2	61.2	51.6	44.5	59.9
	S.D.	11.275	9.916	9.750	7.603	5.754	4.106	3.145	3.391	5.449	7.291	9.358	10.077	14.971
	TOTAL OBS	1836	1627	1838	1780	1932	1744	1790	1851	1788	1833	1823	1917	21759
18-20	MEAN	40.2	42.7	49.7	58.7	65.7	71.8	73.8	73.3	68.4	58.1	48.0	41.6	57.7
	S.D.	11.388	10.155	9.989	7.840	5.958	4.130	3.137	3.422	5.964	8.051	9.753	10.261	14.692
	TOTAL OBS	1829	1622	1835	1785	1929	1749	1773	1857	1787	1833	1814	1899	21712
21-23	MEAN	38.4	40.6	47.6	56.4	63.3	70.0	72.2	71.6	66.4	55.4	45.8	39.8	55.7
	S.D.	11.845	10.647	10.460	8.268	6.297	4.269	3.206	3.642	6.459	8.689	10.262	10.765	14.965
	TOTAL OBS	1821	1627	1845	1786	1914	1742	1787	1856	1795	1833	1820	1895	21717
ALL HOURS	MEAN	39.0	41.3	48.2	57.2	64.1	70.6	72.9	72.3	67.4	56.8	47.4	40.6	56.5
	S.D.	12.235	11.166	10.963	8.817	6.929	4.960	3.909	4.301	6.824	9.252	10.670	11.102	15.208
	TOTAL OBS	14619	13001	14712	14274	15346	13918	14261	14833	14322	14520	14535	15205	173646

USAF ETAC FORM JUL 64 0-89-5 (OL 1)

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13825 — STATION
COLUMBUS AFB MISSISSIPPI — STATION NAME
42-46,58-74 — YEARS

HRS (L S T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ANNUAL
00-02	MEAN	33.2	34.6	41.6	51.4	59.6	66.8	69.5	69.1	63.8	51.6	42.0	34.7	51.5
	S D	13.945	13.377	12.773	10.136	7.174	4.804	3.672	4.164	7.164	9.928	11.620	12.814	16.714
	TOTAL OBS	1812	1627	1840	1790	1899	1736	1784	1830	1794	1820	1809	1896	21657
03-05	MEAN	32.5	34.1	41.0	50.6	58.5	65.9	68.7	68.2	62.7	50.3	41.1	34.1	50.7
	S. D	14.269	13.473	12.860	10.333	7.525	5.088	3.776	4.396	7.359	10.311	11.830	12.992	16.751
	TOTAL OBS	1928	1627	1840	1784	1896	1716	1786	1850	1790	1814	1815	1885	21631
06-08	MEAN	32.0	33.9	41.2	51.6	59.9	67.3	69.9	69.2	63.5	51.0	41.2	33.9	51.3
	S. D.	14.463	13.480	13.075	10.512	7.639	5.118	3.843	4.447	7.491	10.195	11.882	12.892	17.243
	TOTAL OBS	1824	1623	1829	1780	1915	1737	1784	1858	1794	1823	1813	1893	21663
09-11	MEAN	33.7	35.2	42.1	52.2	60.5	67.9	71.1	70.4	64.9	53.2	43.1	35.9	52.5
	S. D.	14.688	14.297	14.023	11.420	8.414	5.630	4.061	4.763	7.833	10.600	12.449	13.213	17.368
	TOTAL OBS	1833	1621	1845	1785	1929	1748	1780	1857	1785	1832	1821	1914	21759
12-14	MEAN	34.3	35.5	41.9	51.8	59.8	67.0	70.1	69.5	64.2	52.2	42.6	36.4	52.1
	S.D.	14.837	14.591	14.028	11.498	8.482	5.835	4.576	5.205	7.892	11.249	13.260	13.744	17.177
	TOTAL OBS	1836	1627	1840	1784	1932	1746	1777	1854	1793	1832	1820	1916	21757
15-17	MEAN	34.1	35.2	41.3	51.3	59.7	66.6	69.6	69.0	64.0	52.3	42.3	36.4	51.8
	S.D.	14.730	14.413	13.860	11.667	8.343	5.804	4.637	5.133	7.717	11.038	13.033	13.693	17.071
	TOTAL OBS	1836	1627	1838	1780	1932	1744	1790	1851	1788	1833	1823	1917	21759
18-20	MEAN	34.2	35.4	42.1	52.4	61.1	68.0	70.4	70.2	65.4	54.2	42.9	36.4	52.8
	S.D.	13.916	13.536	12.987	10.739	7.410	5.138	4.064	4.321	6.967	9.683	11.880	12.667	16.826
	TOTAL OBS	1829	1622	1835	1785	1929	1749	1773	1857	1787	1833	1814	1899	21712
21-23	MEAN	33.9	35.2	42.3	52.2	60.9	68.0	70.4	69.9	64.7	53.0	42.2	35.6	52.4
	S. D.	13.847	13.181	12.546	10.091	6.943	4.660	3.632	4.030	7.077	9.621	11.637	12.569	16.750
	TOTAL OBS	1821	1627	1845	1786	1914	1742	1787	1856	1791	1833	1820	1895	21717
ALL HOURS	MEAN	33.5	34.9	41.7	51.7	60.0	67.2	70.0	69.4	64.2	52.2	42.2	35.5	51.9
	S. D.	14.361	13.806	13.286	10.829	7.799	5.323	4.102	4.626	7.488	10.413	12.231	13.116	17.002
	TOTAL OBS	14619	13001	14712	14274	15346	13919	14261	14833	14322	14620	14555	15205	173346

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13825 COLUMBUS AFB MISSISSIPPI 42-46,58-74 ALL

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	98.1	93.4	84.7	72.5	57.5	39.9	16.3	71.9	14619
FEB		100.0	99.6	95.5	87.6	77.3	64.8	50.3	34.7	15.3	68.2	13001
MAR		100.0	99.5	94.3	85.3	73.8	61.0	46.6	30.5	12.3	66.0	14712
APR		100.0	99.8	96.2	87.1	75.2	62.2	48.3	33.1	12.0	67.1	14272
MAY		100.0	100.0	98.8	92.3	81.6	69.0	56.3	40.8	16.6	71.3	15346
JUN		100.0	100.0	99.5	95.5	84.6	71.8	58.5	41.8	15.6	72.3	13918
JUL		100.0	100.0	99.7	96.9	88.4	76.3	62.3	46.5	16.1	74.6	14261
AUG		100.0	100.0	99.7	97.2	89.4	77.6	64.6	49.5	18.3	75.6	14833
SEP		100.0	100.0	99.5	95.4	87.0	76.8	65.5	51.0	20.6	75.5	14322
OCT		100.0	99.7	96.4	89.1	81.0	71.6	61.3	46.4	18.2	72.2	14620
NOV		100.0	99.8	97.1	91.0	82.3	71.7	58.2	40.2	15.9	71.4	14534
DEC		100.0	99.9	98.3	93.6	85.4	74.4	60.3	43.1	18.0	73.0	15205
TOTALS		100.0	99.9	97.8	92.0	82.6	70.8	57.5	41.5	16.1	71.6	173643

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.8	96.7	88.8	74.6	51.1	21.5	78.9	1812
	03-05	100.0	100.0	100.0	100.0	97.8	92.2	79.5	59.8	25.6	81.1	1828
	06-08	100.0	100.0	99.9	99.8	98.5	92.6	80.4	60.1	25.9	81.3	1824
	09-11	100.0	100.0	99.8	95.9	85.1	68.8	50.2	34.3	14.0	70.5	1833
	12-14	100.0	99.8	93.5	80.0	61.8	45.5	33.5	23.0	8.5	60.1	1836
	15-17	99.9	99.5	92.2	76.8	58.2	42.7	31.3	20.9	7.9	58.6	1836
	18-20	100.0	100.0	99.6	95.9	85.0	67.5	47.0	28.2	11.5	69.1	1829
	21-23	100.0	100.0	99.9	99.3	94.3	81.9	63.7	41.4	15.8	75.2	1821
TOTALS		100.0	99.9	98.1	93.4	84.7	72.5	57.5	39.9	16.3	71.9	14619

USAFETAC FORM JUL 64 0- ,OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 43-46,59-74 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.9	98.0	92.7	82.2	66.3	46.2	20.1	76.2	1627
	03-05	100.0	100.0	100.0	98.8	96.1	89.0	75.8	55.4	25.7	79.8	1627
	06-08	100.0	100.0	100.0	99.1	97.4	90.1	77.3	55.8	23.5	79.9	1623
	09-11	100.0	99.9	97.9	88.8	76.2	58.3	42.0	27.5	11.2	66.0	1621
	12-14	100.0	99.2	86.5	69.6	51.8	37.2	26.0	17.1	7.6	55.0	1627
	15-17	100.0	98.0	82.7	63.2	46.9	34.2	24.3	16.7	7.7	53.1	1627
	18-20	100.0	99.9	97.6	86.9	71.0	54.0	36.6	24.5	11.3	63.9	1622
	21-23	100.0	100.0	99.7	96.1	86.5	73.5	53.9	34.5	15.4	71.6	1627
TOTALS		100.0	99.6	95.5	87.6	77.3	64.8	50.3	34.7	15.3	68.2	13001

USAFETAC FORM JUL 64 0-87-5 (GL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

4

RELATIVE HUMIDITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,54-74 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	98.2	93.4	83.4	65.9	42.0	17.1	75.7	1840
	03-05	100.0	100.0	100.0	99.2	96.6	89.6	77.9	54.2	22.7	79.9	1840
	06-08	100.0	100.0	99.9	98.9	95.7	86.4	72.3	51.8	21.6	78.7	1829
	09-11	100.0	99.9	95.7	83.7	68.2	51.5	36.3	22.3	8.4	62.2	1845
	12-14	100.0	98.5	83.8	65.1	46.6	32.7	21.8	12.9	4.1	52.0	1840
	15-17	100.0	97.4	78.9	58.1	40.6	30.1	20.0	12.6	4.3	49.7	1838
	18-20	100.0	99.9	96.5	83.1	63.1	44.7	30.7	19.4	8.0	60.1	1835
	21-23	100.0	100.0	99.9	96.4	85.8	69.5	47.7	29.1	12.6	69.8	1845
TOTALS		100.0	99.5	94.3	85.3	73.8	61.0	46.6	30.5	12.3	66.0	14712

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13925 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	99.7	96.8	88.7	74.2	52.5	18.6	79.0	1789
	03-05	100.0	100.0	100.0	99.9	99.0	94.8	86.5	67.3	26.6	83.6	1784
	06-08	100.0	100.0	100.0	99.6	97.4	89.3	74.6	52.4	19.0	79.2	1780
	09-11	100.0	99.9	97.4	86.4	66.8	46.7	29.9	17.3	6.0	60.6	1785
	12-14	100.0	99.3	89.6	65.6	42.8	26.5	17.2	10.0	3.4	50.9	1784
	15-17	100.0	99.0	85.0	60.0	38.0	24.1	15.7	10.0	3.3	49.0	1779
	18-20	100.0	99.8	97.6	87.0	69.9	49.1	31.9	20.4	6.1	61.9	1785
	21-23	100.0	100.0	99.9	98.3	90.6	78.4	56.6	34.6	13.2	72.9	1786
TOTALS		100.0	99.8	96.2	87.1	75.2	62.2	48.3	33.1	12.0	67.1	14272

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SEPVICE/MAC

RELATIVE HUMIDITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,59-74 (PERIOD) MAY (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%		
MAY	00-02	100.0	100.0	100.0	100.0	99.9	98.5	92.4	75.6	31.2	85.8	1899
	03-05	100.0	100.0	100.0	100.0	99.9	99.8	97.2	86.7	44.2	89.1	1896
	06-08	100.0	100.0	99.9	99.8	98.7	94.6	81.2	58.0	21.7	81.3	1915
	09-11	100.0	99.9	99.2	93.5	74.9	49.7	28.0	13.7	4.7	61.9	1929
	12-14	100.0	99.8	96.3	76.3	48.3	26.0	13.1	7.8	2.5	52.5	1932
	15-17	100.0	99.9	95.4	73.1	47.0	25.6	15.8	9.0	2.5	52.4	1932
	18-20	100.0	100.0	99.8	96.2	84.5	63.1	40.4	20.8	7.0	66.8	1929
	21-23	100.0	100.0	100.0	99.8	99.3	94.6	82.3	54.9	18.9	80.7	1914
TOTALS		100.0	100.0	98.8	92.3	81.6	69.0	56.3	40.8	16.6	71.3	15346

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13825 STATION | COLUMBUS AFB MISSISSIPPI STATION NAME | 42-45,59-74 PERIOD | JUN 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%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	99.7	96.6	82.7	29.3	86.8	1730
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	99.0	91.4	42.1	89.8	1716
	06-08	100.0	100.0	100.0	99.9	99.5	96.2	84.5	56.9	14.3	81.1	1737
	09-11	100.0	100.0	99.9	96.7	83.0	55.1	25.3	9.7	2.1	62.7	1748
	12-14	100.0	100.0	98.4	85.3	54.1	27.3	12.8	6.5	1.2	54.1	1746
	15-17	100.0	100.0	98.0	83.9	51.5	28.9	16.2	7.5	1.5	54.3	1744
	18-20	100.0	100.0	100.0	98.3	88.6	69.1	45.2	20.9	4.1	68.2	1749
	21-23	100.0	100.0	100.0	100.0	99.8	97.9	88.2	58.8	13.8	81.5	1742
TOTALS		100.0	100.0	99.5	95.5	84.6	71.	58.5	41.8	13.6	72.3	13918

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (PERIOD) JUL (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%		
JUL	00-02	100.0	100.0	100.0	99.9	99.9	99.7	98.4	88.4	31.9	88.0	1784
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	96.5	45.6	90.9	1786
	06-08	100.0	100.0	100.0	100.0	99.9	98.5	90.7	66.7	18.6	83.5	1784
	09-11	100.0	100.0	99.9	98.7	90.0	68.3	33.1	11.3	2.1	65.9	1780
	12-14	100.0	100.0	99.1	90.5	64.9	34.6	14.6	7.3	2.0	56.9	1777
	15-17	100.0	99.9	98.7	88.0	62.3	37.3	20.9	11.3	3.1	57.7	1790
	18-20	100.0	100.0	99.8	98.3	90.5	74.3	50.7	27.9	7.1	70.6	1773
	21-23	100.0	100.0	100.0	100.0	99.8	97.8	90.5	62.6	18.4	82.9	1787
TOTALS		100.0	100.0	99.7	96.9	88.4	76.3	62.3	46.5	16.1	74.6	14261

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREAT THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.1	90.4	33.8	88.8	1850
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.6	97.0	49.4	91.3	1850
	06-08	100.0	100.0	100.0	100.0	99.8	98.8	93.5	75.7	27.2	85.7	1858
	09-11	100.0	100.0	99.8	93.3	90.6	69.1	37.0	14.4	2.6	66.8	1857
	12-14	100.0	100.0	99.0	90.8	65.6	34.7	14.2	5.3	1.1	56.5	1854
	15-17	100.0	100.0	98.6	89.6	64.9	36.7	20.3	10.1	2.5	57.8	1851
	18-20	100.0	100.0	99.9	99.0	94.7	82.3	59.2	31.5	8.3	73.2	1857
	21-23	100.0	100.0	100.0	100.0	99.9	98.9	93.7	71.3	21.8	84.4	1856
TOTALS		100.0	100.0	99.7	97.2	89.4	77.6	64.6	49.5	18.3	75.6	14833

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (PERIOD) SEP (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%		
SEP	00-02	100.0	100.0	100.0	100.0	99.9	99.7	97.4	87.0	38.2	88.5	1794
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.2	93.0	51.1	90.7	1790
	06-08	100.0	100.0	100.0	99.9	99.8	98.0	92.8	75.9	32.2	85.9	1794
	09-11	100.0	100.0	99.8	96.1	84.6	62.4	36.1	17.8	3.1	65.6	1785
	12-14	100.0	100.0	98.4	83.4	57.0	33.2	18.1	8.3	2.0	55.5	1793
	15-17	100.0	100.0	98.2	84.7	58.9	35.7	21.5	12.2	3.6	57.1	1788
	18-20	100.0	100.0	99.9	99.3	96.4	86.7	65.5	38.9	10.5	75.4	1787
	21-23	100.0	100.0	100.0	99.9	99.5	98.5	93.0	74.7	24.0	84.9	1791
TOTALS		100.0	100.0	99.5	95.4	87.0	76.8	65.5	51.0	20.6	75.5	14322

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,59-74 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVL 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	99.1	97.4	92.9	79.6	31.7	86.3	1820
	03-05	100.0	100.0	100.0	99.9	99.7	98.3	95.8	86.4	43.9	88.6	1814
	06-08	100.0	100.0	99.9	99.9	99.5	97.4	90.8	73.3	30.8	85.3	1823
	09-11	100.0	100.0	97.5	87.7	70.9	49.8	30.5	17.0	5.2	61.4	1832
	12-14	100.0	98.6	85.1	61.1	39.8	23.7	15.2	8.4	2.7	49.2	1832
	15-17	100.0	99.2	88.8	65.6	45.0	27.4	16.6	9.3	3.0	51.0	1833
	18-20	100.0	100.0	99.7	98.7	95.0	82.9	61.2	33.8	7.7	73.6	1833
	21-23	100.0	100.0	100.0	99.8	99.0	95.7	87.3	63.4	20.2	82.5	1833
TOTALS		100.0	99.7	96.4	89.1	81.0	71.6	61.3	46.4	18.2	72.2	14620

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (PERIOD) NOV (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	99.8	98.6	96.1	85.2	62.4	26.0	82.6	1809
	03-05	100.0	100.0	100.0	99.9	99.1	97.6	91.5	73.6	31.8	85.2	1815
	06-08	100.0	100.0	99.9	99.9	98.7	96.1	88.5	70.8	31.0	84.4	1813
	09-11	100.0	100.0	98.3	90.6	77.7	59.7	38.3	22.1	8.4	65.2	1821
	12-14	100.0	99.0	89.0	69.1	47.6	28.9	19.7	11.2	3.1	52.4	1819
	15-17	100.0	99.2	90.2	72.0	50.5	31.8	19.9	10.5	4.0	53.5	1823
	18-20	100.0	100.0	99.7	97.1	88.7	73.9	50.4	25.4	7.7	70.2	1814
	21-23	100.0	100.0	100.0	99.5	96.8	89.7	72.4	45.8	15.1	77.7	1820
TOTALS		100.0	99.8	97.1	91.0	82.3	71.7	58.2	40.2	15.9	71.4	14534

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13925 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-45,58-74 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.5	96.4	89.7	75.3	55.0	22.3	79.4	1896
	03-05	100.0	99.9	99.9	99.3	97.4	92.6	81.8	63.1	25.7	81.6	1885
	06-08	100.0	100.0	100.0	99.7	97.7	92.8	83.2	63.5	27.8	82.0	1883
	09-11	100.0	99.9	99.2	94.9	84.3	68.3	50.7	35.3	15.4	70.5	1914
	12-14	100.0	99.7	93.5	79.0	61.5	46.4	34.3	22.2	10.0	60.3	1916
	15-17	100.0	99.7	93.8	79.5	61.8	47.5	34.8	22.8	10.1	60.9	1917
	18-20	100.0	100.0	99.7	97.6	89.1	73.5	54.4	35.6	14.8	72.2	1899
	21-23	100.0	100.0	100.0	99.6	95.3	84.5	67.7	47.2	18.3	76.9	1895
TOTALS		100.0	99.9	98.3	93.6	85.4	74.4	60.3	43.1	18.0	73.0	15205

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

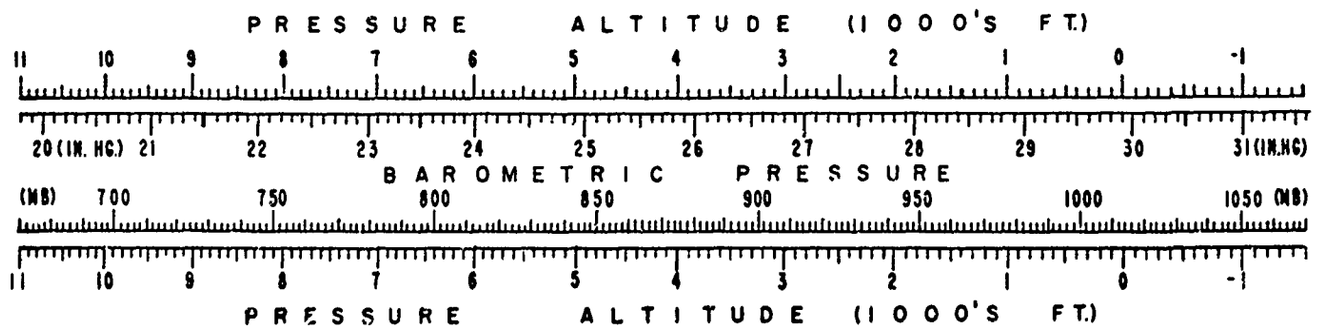
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided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

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

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

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



F

74-29967

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13825 — STATION
COLUMBUS AFB MISSISSIPPI — STATION NAME
46,58-62,65-74 — YEARS

HRS. (L S.T.)		JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	29.957	29.897	29.839	29.813	29.788	29.765	29.809	29.805	29.813	29.868	29.901	29.931	29.850
	S.D	.203	.216	.191	.166	.121	.109	.103	.108	.115	.158	.178	.198	.171
	TOTAL OBS	457	400	430	416	455	402	410	460	446	457	477	492	5302
03	MEAN	29.959	29.898	29.831	29.806	29.783	29.758	29.801	29.799	29.807	29.857	29.900	29.929	29.845
	S.D.	.205	.218	.194	.169	.121	.108	.105	.108	.117	.161	.180	.203	.174
	TOTAL OBS	459	400	431	417	453	403	411	463	446	455	479	490	5312
06	MEAN	29.966	29.907	29.858	29.839	29.817	29.792	29.832	29.831	29.836	29.884	29.920	29.937	29.870
	S.D.	.209	.221	.200	.173	.122	.110	.106	.111	.120	.163	.181	.203	.173
	TOTAL OBS	460	401	424	411	456	399	406	465	449	458	475	490	5294
09	MEAN	30.006	29.944	29.891	29.868	29.839	29.814	29.856	29.854	29.863	29.917	29.956	29.976	29.901
	S.D	.216	.223	.206	.178	.126	.109	.107	.113	.120	.166	.182	.205	.178
	TOTAL OBS	461	400	431	414	457	403	409	465	447	458	477	495	5317
12	MEAN	29.973	29.920	29.865	29.841	29.815	29.795	29.834	29.830	29.836	29.879	29.919	29.942	29.872
	S.D.	.211	.220	.199	.173	.124	.109	.105	.111	.118	.162	.178	.202	.174
	TOTAL OBS	458	399	431	415	458	404	404	464	448	456	477	495	5309
15	MEAN	29.928	29.864	29.806	29.788	29.768	29.750	29.787	29.780	29.784	29.828	29.874	29.897	29.823
	S.D.	.205	.216	.195	.168	.121	.108	.106	.110	.116	.159	.176	.194	.170
	TOTAL OBS	461	400	426	414	460	400	410	461	447	452	478	493	5302
18	MEAN	29.944	29.873	29.804	29.778	29.755	29.736	29.776	29.774	29.785	29.837	29.869	29.914	29.824
	S.D.	.202	.211	.194	.166	.121	.106	.102	.109	.114	.158	.176	.191	.172
	TOTAL OBS	460	398	427	414	456	403	404	463	446	458	470	487	5286
21	MEAN	29.963	29.894	29.831	29.807	29.784	29.762	29.808	29.807	29.816	29.861	29.909	29.930	29.850
	S.D	.202	.213	.192	.164	.121	.107	.106	.109	.117	.159	.179	.194	.171
	TOTAL OBS	459	401	430	415	456	400	408	464	448	457	477	491	5306
ALL HOURS	MEAN	29.962	29.898	29.840	29.817	29.794	29.771	29.813	29.810	29.818	29.866	29.909	29.932	29.854
	S.D.	.207	.218	.198	.172	.125	.111	.108	.113	.120	.163	.180	.200	.175
	TOTAL OBS	3675	3199	3430	3310	3656	3214	3262	3705	3577	3651	3810	3933	42422

USAF ETAC FORM 0-89-5 (OL 1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13825 (STATION) COLUMBUS AFB MISSISSIPPI (STATION NAME) 42-46,58-74 (YEARS)

HRS (L S T)		JAN.	FEB	MAR	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV	DEC	ANNUAL
00	MEAN	1021.4	1019.5	1017.5	1016.5	1015.9	1014.9	1016.1	1015.[illegible]	1016.5	1018.2	1019.9	1020.8	1017.8
	S D	6.700	6.974	6.503	5.451	3.827	3.082	2.678	2.644	3.212	4.374	5.678	6.783	5.493
	TOTAL OBS	612	543	584	596	641	582	596	615	596	611	627	648	7251
03	MEAN	1021.4	1019.2	1017.2	1016.3	1015.7	1014.7	1015.8	1015.7	1016.3	1018.1	1019.8	1020.8	1017.6
	S D	6.799	7.110	6.594	5.515	3.868	3.113	2.707	2.675	3.268	4.467	5.779	6.906	5.596
	TOTAL OBS	613	542	586	597	644	583	597	618	595	610	629	645	7259
06	MEAN	1021.7	1019.8	1018.2	1017.5	1016.9	1016.0	1017.0	1016.8	1017.4	1019.1	1020.6	1021.1	1018.5
	S D	6.875	7.201	6.784	5.646	3.979	3.214	2.806	2.722	3.371	4.580	5.886	6.988	5.577
	TOTAL OBS	614	542	579	591	642	579	592	620	599	611	625	644	7238
09	MEAN	1023.1	1021.1	1019.3	1018.4	1017.6	1016.6	1017.7	1017.6	1018.2	1020.1	1021.8	1022.4	1019.5
	S D	7.076	7.298	7.028	5.800	4.112	3.209	2.847	2.810	3.419	4.675	5.937	7.025	5.737
	TOTAL OBS	615	542	586	595	643	582	595	620	592	612	626	648	7256
12	MEAN	1021.9	1020.2	1018.3	1017.5	1016.8	1015.9	1016.9	1016.7	1017.2	1018.7	1020.3	1021.1	1018.5
	S D	6.939	7.201	6.826	5.614	3.970	3.159	2.822	2.798	3.352	4.564	5.793	6.945	5.596
	TOTAL OBS	613	540	586	594	643	582	590	619	598	611	626	649	7251
15	MEAN	1020.4	1018.3	1016.4	1015.7	1015.1	1014.3	1015.3	1015.0	1015.5	1017.1	1018.9	1019.7	1016.8
	S D	6.803	7.053	6.641	5.435	3.908	3.119	2.799	2.756	3.285	4.357	5.673	6.686	5.488
	TOTAL OBS	615	541	581	593	646	580	596	616	597	608	627	649	7249
18	MEAN	1020.9	1018.7	1016.4	1015.4	1014.8	1014.0	1015.1	1014.9	1015.6	1017.4	1019.5	1020.3	1016.9
	S D	6.739	6.858	6.547	5.355	3.809	3.138	2.728	2.682	3.211	4.321	5.588	6.577	5.539
	TOTAL OBS	614	540	582	594	643	582	590	618	595	613	621	642	7234
21	MEAN	1021.4	1019.4	1017.3	1016.4	1015.7	1014.9	1016.1	1016.0	1016.6	1018.3	1020.2	1020.8	1017.8
	S D	6.760	6.898	6.513	5.322	3.805	3.096	2.733	2.666	3.215	4.363	5.741	6.641	5.489
	TOTAL OBS	612	542	585	595	641	580	594	619	597	612	627	645	7250
ALL HOURS	MEAN	1021.5	1019.5	1017.6	1016.7	1016.1	1015.2	1016.2	1016.1	1016.7	1018.4	1020.1	1020.9	1017.9
	S D	6.872	7.118	6.742	5.597	4.007	3.251	2.684	2.855	3.403	4.549	5.810	6.863	5.629
	TOTAL OBS	4909	4332	4669	4755	5143	4650	4750	4945	4769	4886	5008	51[illegible]	57988