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USAFETAC/DS-79/010

1

LEVEL II

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORT POLK AAF LA
N 31 03 W 093 11 ELEV 330 FT POE

NEAN# 03931
WMO#

PARTS A-F

FOR FROM HOURLY OBS JAN 67-DEC 76
FOR FROM DAILY OBS NOV 57-APR 59, SEP 62-OCT 67, AUG 68-DEC 76

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

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

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

★ Louisiana ★ Fort Polk AAF LA

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.

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 00-02,03-05,21-23	APRIL 03-05,18-20	JULY 00-02,03-05	OCTOBER 00-02,03-05
FEBRUARY ~~00-02,03-05~~	MAY 00-02	AUGUST 00-02	NOVEMBER 03-05
MARCH 03-05,18-20,21-23	JUNE 00-02,03-0521-23	SEPTEMBER 00-02	DECEMBER 00-02

874-29958

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.

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
03931	Fort Polk Louisiana AAF	N 31 03	W 093 11	330	[illegible]OE	

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	Ft Polk AAF Louisiana	AAF	Nov 57	Apr 59	N 31 02	W 093 11	329 ft		10-19
2	" " "	"	Sep 62	Dec 76	N 31 03	"	330 ft		10

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	Nov 57	Located W of station beside runway 33	TMQ-1	None	15 ft	
2	Jul 58	Winds taken from control tower	N/A	N/A	N/A	
3	May 64	Located on roof of control tower Cab	AN/GMQ-11	RO-2	40 ft	
4	Apr 69	Located on top of control tower	"	"	35 ft	
5	Dec 76	" " " " " "	"	"	" "	

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CONTINUED ON REVERSE SIDE

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

74-29050

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WEATHER CONDITIONS

03931 — STATION
FORT POLK AAF LOUISIANA — STATION NAME
67-76 — YEARS
ALL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.4	9.5	.6	.2		10.2	17.4	7.4			24.1	2313
FEB		.5	5.8		.3		7.0	10.1	8.5			17.6	2020
MAR		13.6	17.9		.2		18.1	7.5	7.0			13.6	2359
APR		.9	5.1				5.1	9.7	11.7		.1	20.4	2273
MAY		8.9	11.1				11.1	14.5	13.1			26.2	2289
JUN		2.7	5.3				5.3	4.7	17.4			20.9	2279
JUL		4.4	4.1				4.1	21.6	21.0			36.5	2244
AUG		4.0	3.3				3.3	7.9	20.0			25.6	2415
SEP		1.6	6.3				6.3	18.9	16.9			31.7	2262
OCT		.7	6.5				6.5	12.9	16.4			27.0	2333
NOV		.5	6.0				6.0	10.9	23.2			31.2	2243
DEC		5.8	15.8		.2		15.9	17.9	10.5			27.2	2156
TOTALS		3.7	8.1	.1	.1		8.2	12.8	14.4		.0	25.2	27186

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03931 — STATION
FORT POLK AAF LOUISIANA — STATION NAME
67-75 — 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.
JA,	00-02												
	03-05												2
	06-08	1.1	16.4	.9	.2		17.0	36.9	6.9			40.9	452
	09-11	.3	12.3	.9	.4		13.6	27.1	12.7			38.4	669
	12-14	.8	11.5	.6	.8		12.7	13.1	12.9			25.6	659
	15-17	.5	10.6	.5			11.0	10.1	10.3			20.4	436
	18-20		15.8	1.3			17.1	13.2	3.9			17.1	76
	21-23							21.1	5.3			26.3	19
TOTALS		.4	9.5	.6	.2		10.2	17.4	7.4			24.1	2313

DATA PROCESSING BRA CH
USAF ETAC
AIR WEATHER SERVICE/ AC

WEATHER CONDITIONS

03931 — STATION
FORT POLK AAF LOUISIANA — STATION NAME
57-76 — 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												
	03-05												
	06-08		9.7		.2		9.9	29.0	11.6			36.6	404
	09-11	.5	8.2		.7		9.7	13.3	13.4			24.8	588
	12-14	.9	9.6		.5		9.9	5.0	7.9			12.5	584
	15-17	1.6	7.5		.3		7.5	4.8	6.7			11.5	373
	18-20							5.4	2.7			8.1	37
	21-23		5.9				5.9	2.9	8.8			11.8	34
TOTALS		.5	6.8		.3		7.0	10.1	8.5			17.6	2020

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03931 — STATION
FORT POLK AAF LOUISIANA — STATION NAME
67-76 — YEARS
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	100.0	100.0				100.0						1
	03-05												1
	06-08	1.5	9.1		1.0		10.0	33.1	12.7			41.4	481
	09-11	1.3	6.5		.1		6.7	13.1	17.3			29.0	672
	12-14	2.1	8.2		.3		8.4	4.6	10.8			14.7	668
	15-17	2.1	12.6				12.6	5.5	6.4			11.7	420
	18-20	1.7	3.4				3.4		5.2			5.2	58
	21-23		3.4				3.4	3.4	3.4			6.9	58
TOTALS		13.6	17.9		.2		18.1	7.5	7.0			13.6	2359

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03931 — STATION
FORT POLK AAF LOUISIANA — STATION NAME
57-76 — 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												2
	03-05												
	06-08	1.4	10.4				10.4	29.3	17.3			42.5	492
	09-11	1.4	9.1				9.1	10.1	16.5			24.8	656
	12-14	1.4	8.1				8.1	4.3	13.6		.3	17.3	655
	15-17	2.1	6.2				6.2	4.9	10.3		.3	14.4	389
	18-20		2.2				2.2	4.3	15.2			19.6	46
	21-23							15	9.1			24.2	33
TOTALS		.9	5.1				5.1	9.7	11.7		.1	20.4	2273

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03931 — STATION

FORT POLK AAF LOUISIANA — STATION NAME

67-76 — 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												
	03-05	50.0	50.0				50.0	50.0				50.0	2
	06-08	1.1	5.8				5.8	28.3	24.5			45.0	642
	09-11	1.4	4.1				4.1	5.3	18.2			22.4	637
	12-14	3.3	8.2				8.2	2.9	13.6			16.1	645
	15-17	6.6	8.6				8.6	2.7	12.1			14.4	257
	18-20		1.2				1.2	3.7	11.0			14.6	82
	21-23							8.3	12.5			20.8	24
TOTALS		8.9	11.1				11.1	14.5	13.1			26.2	2289

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03931 — STATION
FORT POLK AAF LOUISIANA — STATION NAME
67-76 — 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												
	03-05												
	06-08	1.6	3.5				3.5	23.7	29.3			46.1	629
	09-11	2.8	4.2				4.2	1.4	13.8			14.9	645
	12-14	4.2	6.1				6.1	.8	9.2			10.0	643
	15-17	7.5	7.5				7.5	1.1	10.8			11.9	268
	18-20		2.5				2.5	1.2	25.9			27.2	81
	21-23		7.7				7.7		15.4			15.4	13
TOTALS		2.7	5.3				5.3	4.7	17.4			20.7	2279

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02												
	03-05							100.0	33.3			100.0	3
	06-08	1.3	4.2				4.2	31.6	30.9			53.4	624
	09-11	1.4	3.5				3.5	1.7	16.0			17.2	633
	12-14	7.7	8.8				8.8	1.3	11.5			12.7	624
	15-17	14.4	9.9				9.9	1.1	14.4			15.6	263
	18-20	6.0	2.4				2.4		33.3			33.3	84
	21-23							15.4	7.7			23.1	13
TOTALS		4.4	4.1				4.1	21.6	21.0			36.5	2244

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03931	FORT POLK AAF LOUISIANA	67-76	AUG
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.
AUG	00-02												
	03-05												3
	06-08	1.8	2.3				2.3	36.6	32.8			56.0	664
	09-11	1.2	2.6				2.6	2.6	23.2			24.9	686
	12-14	7.5	6.8				6.8	1.4	18.6			19.9	663
	15-17	10.9	7.6				7.6	2.5	23.3			25.8	275
	18-20	6.9	3.9				3.9	2.9	33.3			34.3	102
	21-23							9.1	9.1			18.2	22
TOTALS		4.0	3.3				3.3	7.9	20.0			25.6	2415

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

0397 — STATION
FORT POLK AAF LOUISIANA — STATION NAME
67-76 — YEARS
SEP — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02												
	03-05							42.9				42.9	7
	06-08	1.1	8.0				8.0	46.5	33.8			62.6	615
	09-11	1.0	8.9				8.9	8.9	24.6			31.5	619
	12-14	3.4	10.2				10.2	3.2	15.4			18.1	618
	15-17	3.7	10.7				10.7	3.3	13.0			15.9	270
	18-20	1.8	6.4				6.4	10.0	27.3			29.1	110
	21-23							17.4	4.3			21.7	23
TOTALS		1.6	6.3				6.3	18.9	16.9			31.7	2262

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03931	FORT POLK AAF LOUISIANA	67-76	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
OCT	00-02												
	03-05												
	06-08	.5	6.8				6.8	43.6	21.2			53.6	603
	09-11	.3	4.7				4.7	9.3	25.0			31.9	655
	12-14	.6	5.0				5.0	3.9	13.3			17.2	638
	15-17	.3	6.9				6.9	4.3	11.2			15.5	303
	18-20	.9	7.3				7.3	3.6	19.1			22.7	110
	21-23		8.3				8.3	12.5	8.3			20.8	24
TOTALS		.7	6.5				6.5	12.9	16.4			27.0	2333

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03931	FORT POLK AAF LOUISIANA	67-76	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								100.0			100.0	1
	03-05												
	06-08	.5	6.6				6.6	26.0	16.7			37.9	396
	09-11	.7	7.0				7.0	9.3	13.0			20.7	610
	12-14	1.2	7.7				7.7	4.0	7.1			10.9	607
	15-17	.9	6.6				6.6	4.6	7.5			10.4	452
	18-20		6.2				6.2	18.6	11.5			23.0	113
	21-23		7.8				7.8	14.1	6.3			15.6	64
TOTALS		.5	6.0				6.0	10.9	23.2			31.2	2243

DATA PROCESSING BRA C.
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03931 — STATION
FORT POLK AAF LOUISIANA — STATION NAME
67-76 — YEARS
DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
DEC	00-02												
	03-05	33.3	33.3				33.3	33.3				33.3	3
	06-08	.7	15.5				15.5	29.3	10.7			35.1	413
	09-11	2.5	13.8		.5		14.3	18.6	14.1			30.0	629
	12-14	1.2	12.5				12.5	10.3	9.7			19.2	600
	15-17	.5	14.7				14.7	6.2	7.5			13.6	389
	18-20	2.1	13.7		1.1		13.7	12.6	16.8			29.5	95
	21-23		7.4				7.4	14.8	14.8			29.6	27
TOTALS		5.8	15.8		.2		15.9	17.9	10.5			27.2	2156

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

S74 29980

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 57-59, 62-76 YEARS | ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	4.2	34.0	1.2	1.8		34.9	46.1	30.7			53.0	332
FEB		4.4	27.4	.7	1.4		27.7	39.5	28.7			47.0	296
MAR		8.8	31.3		.9		32.2	38.5	33.0			48.1	351
APR		6.5	26.5				26.5	42.5	39.2			54.9	339
MAY		13.5	23.1			.3	23.1	43.2	43.2			55.8	303
JUN		13.6	19.1			.3	19.1	36.9	46.9			56.3	309
JUL		25.7	31.6				31.6	44.0	49.8			61.2	307
AUG		26.9	31.5				31.5	57.6	44.1			69.3	349
SEP		12.1	32.8				32.8	58.6	51.5			68.9	338
OCT		3.4	18.4				18.4	52.0	43.8			58.2	354
NOV		6.1	22.6				22.6	38.2	36.1			50.8	327
DEC		4.1	34.1		.6		34.1	43.7	30.6			51.0	343
TOTALS		10.8	27.7	.2	.4	.0	27.9	45.1	39.8			58.2	3948

U S AIR FORCE
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APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 69-76 (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	48.8	11.7	3.1	6.2	2.5	8.6	4.3	6.2	6.8	1.9				39.5	162	4.90	14.16	.88
FEB	61.2	10.2	4.8	3.4		5.4	2.7	7.5	4.8					28.6	147	2.71	5.69	.73
MAR	43.2	10.8	3.0	10.2	2.4	5.4	4.2	9.6	8.4		.6			44.0	166	3.40	10.45	1.44
APR	59.3	11.4	4.2	5.4	2.4	4.2	4.8	3.6	4.2	.6				29.3	167	3.08	8.19	.62
MAY	58.9	8.6	1.2	5.5	1.8	6.1	3.1	3.7	8.0	3.1				32.3	163	5.76	12.67	1.15
JUN	62.7	4.7	2.4	5.3	3.6	1.8	3.6	7.7	7.1	1.2				32.3	169	4.73	10.02	.28
JUL	45.7	4.3	2.4	9.1	3.7	12.2	9.1	5.5	6.1	1.8				50.0	164	5.07	8.41	.68
AUG	53.5	4.7	2.9	8.1	5.2	3.7	5.8	6.4	3.5	1.2				41.9	172	3.62	7.64	TRACE
SEP	51.9	4.4	6.3	7.5	5.6	8.1	4.4	5.6	5.0	1.3				43.8	160	3.72	7.93	.36
OCT	64.8	6.8	1.9	1.9	3.7	4.3	4.9	6.2	4.3	1.2				28.4	162	4.12	5.28	2.83
NOV	62.8	6.4	1.2	5.8	3.2	3.2	3.8	6.4	6.4	.6				30.8	156	3.80	7.76	.00
DEC	47.2	5.7	3.8	5.7	4.4	7.5	6.9	6.9	9.4	2.5				47.2	159	6.15	10.81	3.82
ANNUAL	55.2	7.5	3.1	6.2	3.2	6.3	4.8	6.3	6.2	1.3	.0			37.4	1947	53.06		

1210 WS FORM JUL 65 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 69-76 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
69	* .63	* 1.40	* .73	* .76	* 2.87	* 3.21	* .18	* TRACE	* .21	* 2.75	* 1.67	* 3.15	* 3.21
70	* 3.26	* .73	* .96	* 1.75	* .67	* .21	* .73	* .89	* 1.24	* 1.67	* .00	* 1.46	* 3.26
71	* .54	* 1.50	* 1.39	* .29	* 1.51	* 1.32	* 2.01	* 1.08	* 1.04	* 2.04	* 1.65	* 4.54	* 4.54
72	* 1.76	* .81	* 1.95	* .78	* 1.64	* 1.37	* 2.60	* .83	* 1.30	* 2.40	* 1.82	* 2.65	* 2.65
73	* 2.21	* 2.38	* 6.20	* 3.07	* 3.84	* 1.95	* 2.99	* 2.80	* 3.78	* 1.38	* 1.87	* 1.71	* 6.20
74	* 4.23	* .87	* 2.27	* 1.30	* 1.87	* .95	* 2.82	* 1.70	* 2.85	* 1.69	* 3.52	* 2.17	* 4.23
75	* 1.26	* 1.12	* 1.54	* 2.35	* 4.23	* 2.23	* 1.35	* 3.24	* 1.66	* 4.32	* .75	* 1.56	* 4.32
76	* 1.24	* 1.13	* 1.57	* .68	* 2.91	* 3.20	* 1.39	* .65	* 1.02	* 2.00	* 1.78	* 2.08	* 3.20
MEAN	1.891	1.243	2.076	1.373	2.443	1.805	1.759	1.399	1.638	2.281	1.633	2.415	3.951
S.D	1.293	.535	1.737	.953	1.227	1.057	1.019	1.111	1.141	.931	1.009	1.030	1.128
TOTAL OBS.	162	147	166	167	163	169	164	172	160	162	156	159	1947

NOTE * (BASED ON < FULL MONTHS)

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

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

EXTREME VALUES

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

03931 FORT POLK AAF LOUISIANA 69-76

STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
69	* .88	* 2.18	* 1.44	* .86	* 3.62	* 2.93	* .68	* TRACE	* .36	* 3.83	* 3.55	* 4.89	*26.27
70	* 3.28	* .73	* 2.32	* 2.15	* 1.15	* .23	* 1.05	* 1.26	* 3.89	* 4.20	* .00	* 4.05	*24.36
71	* 1.03	* 2.94	* 4.67	* .62	* 4.23	* 2.21	* 7.11	* 4.28	* 3.66	* 4.41	* 4.38	*10.51	*49.95
72	* 7.06	* 1.78	* 5.87	* 1.56	* 3.53	* 8.45	* 8.41	* 2.93	* 2.75	* 5.17	* 4.44	* 7.27	*54.22
73	* 6.97	* 5.69	*10.45	* 8.19	* 8.48	* 9.34	* 7.42	* 7.64	* 7.93	* 4.02	* 4.79	* 3.82	*84.70
74	*14.16	* 2.91	* 5.74	* 2.88	* 5.36	* 1.99	* 6.16	* 5.01	* 5.50	* 3.19	* 7.75	* 7.90	*68.47
75	* 3.75	* 3.00	* 5.03	* 6.89	*12.67	*10.02	* 6.78	* 6.16	* 4.04	* 5.23	* 1.41	* 4.56	*69.59
76	* 2.03	* 2.42	* 7.69	* 1.49	* 7.01	* 8.71	* 3.01	* 1.69	* 1.63	* 2.83	* 4.08	* 6.22	*46.80
MEAN	4.895	2.706	5.401	3.080	5.756	4.730	5.065	3.621	3.720	4.116	3.901	6.153	53.045
S.D	4.440	1.425	2.852	2.862	3.586	3.558	3.029	2.615	2.318	.859	2.321	2.308	21.056
TOTAL OBS	162	147	166	167	163	169	164	172	160	167	156	159	1947

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
SNOWFALL
(FROM DAILY OBSERVATIONS)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 57-59, 62-76 (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	96.0	1.3		2.0	.7									2.6	151	.7	4.0	.0
FEB	100.0														113	.0	.0	.0
MAR	99.5	.5													203	TRACE	TRACE	.0
APR	100.0														210	.0	.0	.0
MAY	100.0														177	.0	.0	.0
JUN	100.0														180	.0	.0	.0
JUL	100.0														179	.0	.0	.0
AUG	100.0														188	.0	.0	.0
SEP	100.0														176	.0	.0	.0
OCT	100.0														175	.0	.0	.0
NOV	100.0														180	.0	.0	.0
DEC	99.5	.5													193	TRACE	TRACE	.0
ANNUAL	99.6	.2		.2	.1									.2	2139	.7		

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

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

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

03931 STATION — FURT POLK AAF LOUISIANA STATION NAME — 57-59, 62-76 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57											* .0*	.0	
58	* .0		* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
59			.0	.0									
62													
63									* .0*	.0			
64													
65													
66													
67													
68													
69													
70			* .0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	
71	* 1.0*	.0*TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	* 1.0
72	*TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	*TRACE
73	* 2.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*TRACE		* 2.0
74	* .0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	* .0
75	* .0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	* .0
76	* .0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	* .0
MEAN	.43	.00	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	TRACE	.50
S.D	.787	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.837
TOTAL OBS.	151	115	203	210	177	180	179	188	176	175	192	193	2139

NOTE * (BASED ON < FULL MONTHS)

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

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

EXTREME VALUES

TOTAL SNOWFALL

(FROM DAILY OBSERVATIONS)

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 57-59, 62-76 YEARS

TOTAL MONTHLY SNOW FALL IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV.	DEC	ALL MONTHS
57											* .0	* .0	
58	* .0		* .0	.0	.0	.	.0	.0	.0	.	.0	.0	
59			.0	.0									
62													
63									* .0	* .			
64													
65													
66													
67													
68													
69													
70			* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	
71	* 1.0	* .0	* TRACE	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .	* 1.0
72	* TRACE	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* TRACE
73	* 4.0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* TRACE	* 4.0
74	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0
75	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0
76	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0	* .0
MEAN	.71	.00	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	TRACE	.83
S.D.	1.496	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.602
TOTAL OBS	151	115	203	210	177	180	179	168	176	175	192	193	2139

NOTE * (BASED ON < FULL MONTHS)

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

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 57-59, 62-76 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	97.8	1.3	.9											.9	227			
FEB	100.0														182			
MAR	100.0														224			
APR	100.0														222			
MAY	100.0														199			
JUN	100.0														200			
JUL	100.0														234			
AUG	100.0														213			
SEP	100.0														214			
OCT	100.0														220			
NOV	100.0														231			
DEC	100.0														234			
ANNUAL	99.8	.1	.1											.1	2600			

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

SEPT

(FROM DAILY OBSERVATIONS)

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 57-59, 62-76 YEARS

DAILY SNOW, SEPT, IN INCHES

YEAR \ MONTH	JAN	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP	OCT	NOV.	DEC	ALL MONTHS
57													
58	* 0	* 0	* 0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0								
62									* 0	* 0	* 0	0	
63	*TRACE	* 0	* 0	* 0	0	* 0	* 0	* 0	* 0	* 0	* 0	0	*TRACE
64	* 0												
65													
66													
67													
68													
69							* 0						
70			* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	0	
71	* 1	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	1	* 1
72	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	0	* 0
73	* 1	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	0	* 1
74	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	0	* 0
75	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	0	* 0
76	* 0	* 0	* 0	0	* 0	* 0	* 0	* 0	* 0	* 0	* 0	0	* 0
MEAN	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
S.D	.422	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.463
TOTAL OBS.	227	182	224	232	199	200	224	213	214	220	231	234	2600

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (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.

C

74-29962

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

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 63-76 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
63									E *23	SS *11			
64	WNW*26	NW *32	WNW*43	S *35	*33	SS *3	SE *27	E *33	ESE*21	*33	*325	*30	*43
65	SSW*34	NW *43	NW *45	S *28	*41	*4	E *25	E *27	NW*39	E*25	*35	ESE*33	*45
66	SSE*31	NNW*52	S *29	S *33	S *29	E*24	SSW*29	*20	N *32	*3	*31	*40	*52
67	*36	*34	WNW*30	SE *32	*42	*45	S *31	E *19	NE *32	*31			
68								17* 27	31* 25	33* 45	27* 36	29* 46	
69	19* 42	10* 29	31* 38	11* 33	29* 60	17* 34	6* 38	15* 22	14* 29	9* 22	32* 37	32* 34	29* 60
70	32* 38	33* 32	34* 36	29* 35	18* 28	27* 27	19* 29	18* 31	15* 28	31* 34	18* 33	30* 26	32* 38
71	34* 25	30* 44	33* 36	30* 38	15* 37	20* 34	29* 51	35* 30	12* 37	19* 22	12* 28	21* 43	29* 51
72	19* 26	31* 35	31* 41	16* 27	15* 19	17* 25	11* 28	24* 29	25* 24	10* 24	19* 26	31* 33	31* 41
73	27* 41	30* 29	16* 37	25* 36	28* 45	15* 35	31* 34	16* 29	11* 28	35* 31	29* 35	16* 39	28* 45
74	31* 40	28* 35	32* 32	16* 35	16* 27	16* 29	16* 25	19* 28	1* 31	13* 19	26* 29	30* 37	31* 40
75	3* 54	31* 25	11* 40	26* 64	9* 52	12* 47	26* 40	35* 34	16* 36	16* 24	32* 37	9* 36	26* 64
76	31* 36	26* 31	32* 28	13* 39	30* 29	31* 47	16* 20	9* 22	17* 28	29* 23	28* 20	33* 28	31* 47
MEAN	35.8	35.1	36.3	35.3	36.8	34.8	31.4	26.9	29.5	27.1	31.6	35.4	47.8
S D	8.281	7.633	5.562	9.430	11.707	8.211	8.328	4.821	5.374	9.619	5.125	5.977	6.256
TOTAL OBS.	239	225	263	256	247	259	250	280	265	279	233	248	3536

NOTES * (BASED ON < FULL MONTHS)
$ (BASED ON < FULL MONTHS AND 10 KNOTS)

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.5	1.5	.2								5.9	5.3
NNE	1.8	2.0	.5	.0	.0							4.3	4.2
NE	1.4	1.7	.4	.0								3.4	4.1
ENE	1.6	1.8	.6	.0								4.0	4.3
E	2.6	3.6	1.5	.2	.0							7.9	4.9
ESE	1.5	2.8	1.9	.5	.0							6.7	6.0
SE	1.0	2.1	2.1	1.0	.1	.0						6.3	7.3
SSE	.3	2.1	3.0	1.3	.3	.0						8.1	8.4
S	1.5	3.	4.1	2.7	.4	.0						11.9	8.3
SSW	.8	1.	1.8	.6	.1							5.1	6.9
SW	.4	1.0	.8	.1	.0							2.3	6.1
WSW	.5	1.0	.2	.1								2.4	6.0
W	.9	1.8	1.3	.5	.0	.0						4.6	6.4
WNW	.7	1.3	1.4	.7	.2	.0	.0					4.3	7.9
NW	.5	1.3	1.5	.9	.2	.0	.0					4.4	8.6
NNW	1.0	2.0	2.1	.7	.1	.0	.0					5.9	7.0
VARBL													
CALM												12.4	
	18.6	32.0	25.3	10.2	1.4	.2	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 27102

DATA PROCESSING BRA CF
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931	FORT POLK AAF LOUISIANA	67-76	JA
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	2.6	4.4	3.6	.1								10.6	5.4
NNE	1.7	3.3	1.2									6.2	4.8
NE	1.7	1.6	.3									3.7	4.1
ENE	1.2	2.2	.5	.0								3.9	4.5
E	1.9	2.3	1.2	.5	.0							5.0	5.5
ESE	1.3	2.3	1.6	.4								5.2	6.3
SE	1.1	2.3	2.4	1.0	.2	.0						7.1	7.3
SSE	.5	2.5	4.2	1.3	.2							8.8	8.0
S	1.2	3.5	4.5	3.3	.6							13.3	8.7
SSW	.7	1.5	2.6	.4								5.2	6.9
SW	.1	.7	1.0									1.9	6.8
WSW	.2	.6	.7	.2								1.8	7.0
W	.5	.8	1.1	.5								3.0	7.0
WNW	.4	1.3	1.1	.6	.1							3.6	7.7
NW	.2	.9	1.7	1.0	.6							4.5	9.9
NNW	.8	3.2	2.4	.9	.2							7.5	7.2
VARBL													
CALM												7.8	
	16.1	33.6	30.1	10.4	2.0	.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2309

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	1.4	3.3	2.5	.7								7.8	6.4
NNE	1.5	1.6	1.1	.1								4.1	5.0
NE	.9	1.4	.6									2.8	5.1
ENE	1.1	1.4	1.3	1								3.8	5.5
E	1.2	2.2	1.5	.4	.1							5.3	6.1
ESE	1.0	1.7	1.7	.4								4.7	5.9
SE	.9	1.8	1.3	1.0								5.5	7.1
SSE	1.0	2.0	2.8	1.9	.2	.1						7.8	8.3
S	1.2	3.6	4.5	4.1	.6							13.8	9.0
SSW	.6	1.9	3.0	1.0	.2							6.8	7.9
SW	.3	1.1	.9	.3	.1							3.1	6.4
WSW	.3	.6	.8	.4								1.9	7.7
W	.9	1.1	1.2	1.2	.1	.1						4.6	8.3
WNW	.4	1.2	2.3	1.6	.4		.1					5.8	9.9
NW	.5	.8	2.0	2.3	.9	.2						6.6	11.5
NNW	1.0	1.4	3.7	1.9	.3		.1					8.3	8.7
VARBL													
CALM												7.9	
	14.2	26.6	31.2	17.0	2.8	.4	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2000

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-72 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.1	1.4	.3								4.5	6.1
NNE	.9	1.3	.7	.1								3.0	5.2
NE	.9	1.3	.6	.0								2.9	4.9
ENE	1.0	2.2	1.1	.1								4.4	5.5
E	1.2	3.1	2.6	.5								7.4	6.4
ESE	.6	1.9	2.5	1.1	.1							6.3	8.0
SE	.5	1.9	2.5	1.7	.3	.0						6.9	8.9
SSE	1.0	2.4	4.6	3.5	.3	.0						11.8	9.2
S	.9	2.9	5.1	6.0	1.4	.2						16.6	10.5
SSW	.4	1.6	2.5	1.7	.2							6.5	9.7
SW	.3	.9	.6	.3								2.3	7.0
WSW	.2	.4	.5	.4								1.5	7.7
W	.7	1.1	1.0	1.1	.3	.1						4.3	8.7
WNW	.3	.5	1.4	1.0	.9	.6						4.7	11.7
NW	.3	.8	1.0	2.2	.6	.2						5.1	11.7
NNW	.6	1.6	2.6	1.2	.3	.0						6.3	8.5
VARBL													
CALM												5.4	
	10.4	25.9	31.2	22.0	4.4	.7						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2355

DATA PROCESSING BRA CH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931	FORT POLK AAF LOUISIANA	67-76	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.9	1.3	.5								4.2	6.6
NNE	.6	2.1	.4									3.3	4.8
NE	1.0	1.9	.7									3.6	4.7
ENE	1.1	2.3	1.2	.0								4.6	5.3
E	1.4	3.9	1.9	.3								7.6	5.7
ESE	1.0	2.3	1.6	1.0	.0							5.9	7.0
SE	.9	2.	2.6	2.2	.2							8.2	8.5
SSE	.2	2.0	4.7	4.4	1.3	.1						12.6	10.9
S	.7	3.2	7.5	6.7	1.1	.2						19.5	10.1
SSW	.3	1.5	2.5	1.5	.1							6.1	8.5
SW	.1	.4	.5	.2								1.3	7.3
WSW	.3	.6	.4									1.2	5.0
W	.3	1.1	.8	.3								2.5	6.9
WNW	.4	1.2	1.5	1.5	.4							5.0	9.2
NW	.1	.9	1.5	1.0	.2							3.7	9.7
NNW	.4	1.5	1.6	.7	.2	.1						4.4	8.1
VARBL													
CALM												6.3	
	7	29.0	30.8	20.3	3.6	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2269

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-74 (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	1.2	2.6	.9	.2								4.9	5.1
NNE	1.4	1.4	.0	.0								2.8	3.7
NE	1.1	1.4	.2									2.8	4.1
ENE	2.0	2.1	.6									4.8	4.2
E	1.9	4.2	2.5	.1								8.7	5.6
ESE	1.3	3.3	3.2	.0								8.6	5.7
SE	.7	2.1	2.8	1.4								7.0	7.7
SSE	.8	1.4	3.9	2.5	.3							9.1	9.3
S	1.4	2.5	7.3	3.5	.1							14.8	8.5
SSW	.4	1.8	2.0	1.0	.1							5.2	7.9
SW	.2	1.1	.8									2.1	6.2
WSW	.3	1.0	.3	.0								1.7	5.3
W	.5	1.7	.9	.1								3.3	5.5
WNW	.4	1.3	1.0	.1								2.8	6.2
NW	.4	2.1	1.5	.6								4.6	6.9
NNW	1.4	2.6	2.1	.6								6.6	5.3
VARBL													
CALM												10.3	
	15.2	32.6	30.1	11.3	.5							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2288

DATA PROCESSING ...
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	.5									3.1	4.4
NNE	1.6	1.7	.4									3.7	4.1
NE	1.1	1.4	.1									2.6	3.9
ENE	1.5	1.0	.1									2.6	3.4
E	2.9	4.0	1.0	.0	.0							8.0	4.4
ESE	1.4	2.7	1.3	.3								5.7	5.5
SE	.8	1.5	2.1	.7								5.1	7.2
SSE	1.1	2.1	2.4	2.0	.4							8.0	8.5
S	1.6	4.4	5.7	2.7	.3	.0						14.8	8.0
SSW	1.1	2.6	3.9	.7								8.2	6.8
SW	.3	1.9	1.5	.1								3.8	6.2
WSW	.6	1.9	1.9	.2								4.6	6.3
W	1.2	2.4	2.8	.5	.0							7.0	6.5
WNW	.9	1.5	1.6	.4	.0							4.5	6.5
NW	.5	.9	.9	.0								2.4	5.8
NNW	.8	1.3	.2									2.3	4.2
VARBL													
CALM												13.5	
	16.7	32.7	26.6	7.7	.8	.0						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2272

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

DATA PROCESSING PKG C
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03921 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-74 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	.5									2.9	4.2
NNE	1.1	.9	.0									2.1	3.5
NE	.5	.8	.1									1.4	4.0
ENE	1.7	1.1	.2									2.9	3.5
E	2.5	3.4	1.2									7.2	4.5
ESE	1.2	2.0	1.4	.1								4.7	5.4
SE	.7	1.4	.8	.2								3.1	5.8
SSE	1.7	2.3	1.8	.3	.0							6.2	5.6
S	2.8	3.7	2.0	.4								8.8	5.3
SSW	1.2	3.0	1.7	.1								6.0	5.5
SW	.6	1.5	1.7	.2								4.0	6.3
WSW	1.1	2.4	2.5	.2								6.2	6.0
W	1.9	4.4	3.6	.7	.0							10.6	6.1
WNW	1.3	2.0	1.9	.5								5.7	6.2
NW	.5	2.3	1.4	.1								4.2	5.8
NNW	.9	1.9	1.1	.0								4.0	5.5
VARBL													
CALM												19.8	
	21.0	34.3	22.0	2.9	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2240

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.7	.2									3.9	3.6
NNE	2.3	1.9	.2									5.0	3.3
NE	2.5	1.3	.4									4.2	3.6
ENE	1.9	1.8	.3									4.0	3.6
E	4.6	4.9	1.4	.1								10.7	4.2
ESE	2.7	2.3	1.3	.3								6.6	4.8
SE	1.0	1.6	1.0	.3								4.0	5.6
SSE	1.2	2.1	1.0	.1								4.4	5.3
S	2.0	3.2	2.0	.2	.1							7.6	5.4
SSW	1.6	2.1	.5	.0	.0							4.3	4.4
SW	.9	1.5	.5	.0								2.8	4.6
WSW	1.2	1.6	.6									3.6	4.6
W	2.2	3.9	1.0	.0								7.1	4.6
WNW	.7	1.7	.7	.2								3.4	5.3
NW	.6	1.0	.5	.0								2.1	5.2
NNW	1.3	1.3	.3									2.9	4.0
VARBL													
CALM												23.5	
	29.0	38.8	12.3	1.2	.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2408

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)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	3.5	.9	.3								7.3	4.6
NNE	2.9	2.7	.1		.0							5.9	3.5
NE	2.3	2.8	.4									5.5	3.9
ENE	2.7	2.5	.6	.0								5.9	4.0
E	5.4	5.0	1.6	.2								12.1	4.3
ESE	3.0	5.0	2.0	.6								10.5	5.2
SE	1.0	2.6	1.7	.3								6.4	5.6
SSE	1.3	2.1	2.2	.5	.0							6.2	6.3
S	1.3	2.7	1.7	.8								6.5	6.3
SSW	.7	1.4	.6	.1								2.7	5.0
SW	.4	.6	.3									1.2	4.8
WSW	.6	.6	.1									1.3	3.9
W	.8	.9	.3									2.0	4.3
WNW	.6	1.6	.5		.0							2.7	5.3
NW	.5	1.4	.8	.3								2.9	5.8
NNW	1.6	1.9	1.1	.2								4.7	5.1
VARBL													
CALM												16.1	
	28.5	37.1	14.9	3.3	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2256

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.2	1.2									6.5	4.6
NNE	2.6	3.5	.9									7.0	4.2
NE	1.6	2.4	.7									4.8	4.2
ENE	2.0	1.8	.5									4.3	3.8
E	4.2	3.7	.9	.0								8.9	3.9
ESE	2.0	3.9	3.0	.3								9.1	5.7
SE	1.2	3.7	2.2	.4								7.8	6.2
SSE	.9	2.1	2.0	.6	.1							6.5	7.1
S	.9	2.4	2.3	.6	.0	.0						6.3	6.8
SSW	.6	1.4	.6									2.7	5.0
SW	.3	.4	.2									.9	4.8
WSW	.3	.5	.2									1.0	4.8
W	.7	.9	.8	.4								2.7	6.3
WNW	1.0	1.4	.8	.7	.2	.0						4.2	7.3
NW	1.2	1.5	1.6	.5	.0	.0						4.9	6.6
NNW	1.4	2.8	2.8	.4								7.3	6.2
VARBL													
CALM												15.1	
	23.1	35.5	21.7	4.0	.4	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2327

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931	FORT POLK AAF LOUISIANA	47-74	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	2.2	3.0	3.1	.8								8.6	5.7
NNE	1.5	2.3	.9									4.9	4.3
NE	1.0	2.0	.1									3.7	3.9
ENE	1.7	1.2	.3									3.2	3.7
E	2.1	3.3	1.2	.0								6.7	4.7
ESE	1.2	3.0	1.3	.2								5.7	5.6
SE	.5	1.8	2.1	1.0	.3							5.7	9.2
SSE	.4	1.8	2.9	1.8	.3	.0						7.2	8.9
S	1.8	2.9	3.3	1.7	.1							9.9	7.4
SSW	1.2	1.2	1.1	.6								4.0	6.4
SW	.4	.9	.6	.0								2.0	5.7
WSW	.4	.9	.6	.3								2.2	6.3
W	.5	1.1	1.0	.3								3.0	6.5
WNW	.7	1.1	1.6	.9	.2							4.8	8.3
NW	.0	1.5	2.3	1.8	.4							6.6	9.3
NNW	1.2	2.8	3.9	1.6	.0							9.5	7.5
VARBL													
CALM												12.4	
	18.4	30.7	26.7	10.4	1.4	.0						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2227

DATA PROCESSING BRANCH
PTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.5	2.0	.2								6.7	5.5
NNE	1.9	1.4	.4									3.7	3.7
NE	1.3	1.8	.1									3.2	3.7
ENE	1.2	1.9	.2	.0								3.3	4.4
E	1.5	3.1	1.2	.1								5.9	5.1
ESE	1.5	2.8	2.4	.7	.0							7.3	6.2
SE	1.8	2.4	2.8	1.7	.1	.0						8.8	7.6
SSE	1.1	2.2	2.9	2.2	.5							8.9	8.7
S	1.0	3.3	3.8	2.6								11.3	7.7
SSW	.5	1.6	1.2	.7								4.0	7.0
SW	.4	.8	.7	.1								2.0	5.8
WSW	.5	.7	1.0	.1								2.2	6.5
W	.8	2.1	1.6	.4								4.9	6.3
WNW	.6	1.4	1.7	.7	.0	.2						4.7	8.0
NW	.5	1.2	2.4	1.7	.2	.1	.0					6.1	9.6
NNW	.8	2.0	3.3	1.4	.1							7.6	8.0
VARBL													
CALM												9.3	
	17.8	31.1	27.6	12.8	1.0	.3	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2151

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71 (YEARS) JA (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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		50.0										50.0	6.0
SSW													
SW		50.0										50.0	6.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
		100.0										100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-75 (YEARS) JA. (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	3.8	2.4									9.7	4.5
NNE	1.8	3.3	.4									5.5	4.2
NE	2.2	3.1	.4									5.8	4.0
ENE	1.3	2.2										4.0	3.4
E	4.4	2.7	1.3	.4								8.8	4.2
ESE	2.0	4.0	1.8	.2								8.0	5.3
SE	2.0	2.9	.4	.2								5.5	4.8
SSE	.2	2.4	4.9	.7								8.2	7.6
S	1.5	3.3	2.7	1.5								9.1	6.8
SSW	.9	1.5	1.3									3.8	5.6
SW		.4	1.1									1.5	7.7
WSW		.2										.2	6.0
W	.7	.9	.4									2.0	5.0
WNW		1.3	.9	.4								2.7	7.5
NW		1.3	1.5		.2							3.1	7.5
NNW	1.3	3.5	2.4	.4	.2							8.0	6.4
VARBL													
CALM												14.2	
	22.3	36.9	22.1	4.0	.4							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 452

DATA PROCESSING BRA C.
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931	FORT POLK AAF LOUISIANA	47-75	JA
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	2.2	4.9	4.3									11.5	5.6
NNE	.9	3.9	1.5									6.3	5.2
NE	1.5	1.5	.6									3.6	4.6
ENE	1.2	2.4	1.2									4.8	5.2
E	1.3	3.6	1.6	.7								7.3	5.8
ESE	.6	2.7	2.4	.3								6.0	5.9
SE	1.3	3.4	3.4	1.2								9.4	6.6
SSE	1.3	3.0	3.3	1.0	.4							9.1	7.6
S	.7	3.0	3.9	2.8	.1							10.6	8.6
SSW	.9	1.0	2.4	.3								4.6	7.0
SW	.1	.7	1.2									2.1	6.7
WSW	.1	.4	.7	.3								1.6	8.1
W	.0	.3	1.0	.4								2.4	7.2
WNW	.9	1.5	.7	.3								3.4	5.6
NW	.3	.9	1.2	1.2	.4							4.0	9.9
NNW	.6	3.0	1.9	1.0								6.6	7.1
VARBL													
CALM												6.4	
	14.6	36.4	31.6	9.7	1.0							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 668

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03981 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JA. (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	4.6	3.5	.2								10.0	5.7
NNE	2.1	2.9	1.2									5.2	4.7
NE	2.3	1.4	.2									3.8	3.5
ENE	1.1	1.8	.3	.2								3.3	4.6
E	1.5	1.5	.8	.5								4.2	5.3
ESE	1.1	1.8	1.2	.5								4.6	6.2
SE	.8	1.4	2.9	1.5	.5							7.0	8.8
SSE	.5	2.0	3.8	1.8								8.0	5.3
S	1.1	2.9	5.1	4.2	1.2							15.5	9.4
SSW	.8	1.4	4.7	.8								7.4	7.7
SW		.5	1.1									1.5	7.3
WSW	.3	1.1	1.1	.3								2.7	6.9
W	.5	.6	2.1	.8								3.9	7.9
WNW	.5	1.2	1.4	1.1	.2							4.2	8.5
NW	.3	.8	1.5	1.8	.6							5.0	10.7
NNW	.8	3.3	3.6	1.1	.5							9.3	7.8
VARBL													
CALM												3.2	
	15.0	29.0	35.4	14.6	2.9							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 659

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

DATA PROCESSING BRA C-
ETAC/USAF
AIR WEATHER SERVICE/ETAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JA (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	3.4	3.9	3.9	.2								11.4	5.5
NNE	2.5	3.7	1.4									7.6	4.5
NE	.9	.9	.2									2.1	4.2
ENE	.9	2.5	.2									3.7	4.3
E	.7	1.1	.9	.2								3.0	6.1
ESE	.2	.5	1.1	.5								2.3	8.0
SE	.5	1.8	2.1	1.1	.2	.2						6.0	8.9
SSE	.2	3.0	5.5	1.6	.2							10.6	8.3
S	.9	5.5	5.3	5.1	1.4							18.2	9.3
SSW	.5	2.3	1.1	.5								4.4	6.2
SW	.5	1.4	.7									2.6	5.1
WSW	.5	.9	1.1									2.5	6.2
W	.9	1.4	.7	.7								3.7	8.5
WNW		1.1	1.4	.9	.5							3.9	9.6
NW	.2	.7	3.2	.7	1.1							6.0	10.3
NNW	.5	2.3	1.4	.9	.2							5.3	7.7
VARBL													
CALM												6.0	
	13.3	33.1	30.3	12.4	3.7	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 435

DATA PROCESSING AND C-
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-73 (YEARS) JA (MONTH)

ALL WEATHER (CLASS) 1600-2000 (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	5.4	2.7									10.8	4.5
NNE		1.4	2.7									4.1	7.7
NE													
ENE													
E	1.4	4.1	1.4	4.1	1.4							12.2	7.7
ESE	1.4	2.7		1.4								5.4	6.3
SE			4.1									4.1	9.3
SSE	1.4	1.4	4.1		1.4							8.1	8.8
S	5.4	1.4	4.1									10.8	5.0
SSW		1.4	1.4									2.7	6.0
SW													
WSW													
W		4.1										4.1	6.0
WNW	1.4	1.4										2.7	3.0
NW		1.4	1.4	1.4								4.1	9.3
NNW		6.8	2.7									9.5	5.9
VARBL													
CALM												21.6	
	13.5	31.1	24.3	6.8	2.7							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 74

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-73 (YEARS) JA (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													
NNE													
NE	5.3											5.3	2.0
ENE	5.3	5.3										10.5	3.5
E													
ESE													
SE													
SSE													
S	5.3	5.3	5.3	5.3								21.1	8.0
SSW		5.3										5.3	5.0
SW													
WSW													
W													
WNW			5.3									5.3	10.0
NW													
NNW	5.3	10.5										15.8	4.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	36.8	
	21.1	26.3	10.5	5.3								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 19

DATA PROCESSING AND C-
STAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-75 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.3	1.6	.3								7.8	5.3
NNE	2.3	1.3	.5									4.0	3.8
NE	.6	1.5	.3									2.5	5.0
ENE	1.5	1.3	1.0									4.3	4.3
E	2.3	4.6	2.3	.3	.3							9.8	5.7
ESE	3.0	2.8	1.3	.6								7.3	5.2
SE	2.3	3.3	.5									6.0	4.3
SSE	1.0	1.3	1.3	.3	.5	.3						4.5	8.2
S	1.6	5.3	2.5	.5								10.1	5.9
SSW	.5	1.0	1.0									2.5	6.3
SW	1.3	1.3	.5									3.0	4.2
WSW	.3	.3										.5	3.0
W	.5	.8	.3	.8		.3						2.5	9.1
WNW	.5	1.5	2.5	1.3	.5							6.3	9.0
NW	.5	.8	1.5	1.0		.3						4.0	9.2
NNW	1.6	2.0	1.0	.5								5.0	6.3
VARBL													
CALM												17.8	
	22.6	32.7	19.3	5.5	1.3	.8						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 398

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03991 (STATION) | FORT POLK AAF LOUISIANA (STATION NAME) | 67-76 (YEARS) | FE (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	3.6	3.3	.5								9.1	6.3
NNE	2.1	1.9	1.0									5.0	4.8
NE	1.2	1.0	.2									2.4	4.0
ENE	.9	1.5	1.9									4.3	6.0
E	.7	1.7	1.7	.9	.2							5.2	7.2
ESE	1.2	1.5	2.7	.3								5.8	6.3
SE	.9	2.6	3.6	1.0								8.1	6.9
SSE	1.4	3.3	2.6	1.7	.2							9.1	7.5
S	.7	2.4	5.3	2.7	.5							11.7	9.0
SSW	1.4	1.7	2.7	.7								6.5	6.7
SW	.2	.9	.3	.5	.2							2.2	8.5
WSW	.3	.3	1.7	.2								2.6	7.9
W	1.4	.5	1.7	.5								4.8	6.9
WNW		1.0	1.7	1.7	.2							4.6	10.0
NW	.3	1.0	1.4	2.7	.3	.3						6.2	11.3
NNW	.7	1.0	2.9	2.1	.3							7.0	9.0
VARBL													
CALM												5.3	
	14.9	26.5	35.1	16.0	1.9	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 582

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-74 (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	.3	3.3	2.4	1.0								7.1	7.2
NNE	.9	1.4	1.2									3.5	5.6
NE	.7	1.9	1.0									3.6	5.7
ENE	.7	1.0	1.0	.2								2.9	5.9
E	.9	1.7	1.0	.3								4.0	5.9
ESE		1.4	.7									2.1	5.8
SE	.3	1.0	1.0	1.7								4.2	9.5
SSE	1.0	2.1	3.3	2.6								9.0	8.5
S	1.0	3.5	4.0	5.9	.7							15.1	9.7
SSW	.9	2.2	4.7	1.4	.3							9.5	8.3
SW	.7	1.2	1.6	.3								3.8	6.8
WSW	.2	.7	.5	.7								2.1	8.6
W	.3	1.4	1.2	1.9	.2							5.0	9.5
WNW	.5	1.2	2.8	1.4	.7		.2					6.7	10.2
NW	.5	.3	2.1	2.6	1.4							6.9	12.6
NNW	.7	.9	5.5	3.1	.3							10.6	9.5
VARBL													
CALM												4.0	
	9.7	25.3	34.1	23.2	3.6		.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 578

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-75 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.5	2.4	1.1								8.1	5.3
NNE	.8	1.9	1.3	.3								4.3	5.8
NE	.3	1.1	.8									2.4	5.2
ENE	.3	.8	1.1									2.7	6.1
E	.5	.8	.8									2.2	5.3
ESE	.3	1.1	1.1	.3								2.7	6.4
SE	.3	.5	1.9	.8								3.5	8.1
SSE	.3	.3	3.5	2.4								6.5	9.8
S	1.6	3.5	5.1	7.3	1.1							18.6	9.7
SSW	.3	2.7	3.2	1.9	.5							8.6	8.9
SW	1.3	1.3	.8		.3							3.8	5.6
WSW	.3	1.1	.5	.5								2.4	7.3
W	1.1	.8	1.6	1.1		.3						4.9	8.4
WNW	.5	.8	2.4	2.2	.3							6.2	10.0
NW	.5	1.1	3.2	3.0	1.9	.3						10.0	11.6
NNW	1.1	1.9	4.3	1.3	.5		.3					9.4	8.8
VARBL													
CALM												3.8	
	11.3	23.2	34.2	22.1	4.6	.8	.3					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 371

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931	FORT POLK AAF LOUISIANA	71-73	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													
NNE			2.7									2.7	10.0
NE			2.7									2.7	10.0
ENE	2.7	2.7	2.7									8.1	5.3
E	2.7		2.7									5.4	6.0
ESE		2.7	2.7									5.4	7.0
SE													
SSE		5.4	8.1									13.5	7.8
S		2.7	5.4	5.4	2.7							16.2	11.5
SSW													
SW													
WSW													
W	2.7	5.4		2.7								10.8	5.5
WNW		2.7										2.7	5.0
NW													
NNW		2.7										2.7	4.0
VARBL													
CALM												29.7	
	8.1	24.3	27.0	8.1	2.7							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 37

DATA PROCESSING AND C.
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 (YEARS) FE (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	2.9											2.9	2.0
NNE													
NE													
ENE	5.9	2.9										8.8	3.3
E	5.9	2.9										8.8	3.0
ESE		2.9	2.9	2.9								8.8	3.7
SE				2.9								2.9	14.0
SSE	2.9			8.8								11.8	9.5
S		5.9	11.8									17.6	7.8
SSW													
SW													
WSW													
W													
WNW				2.9								2.9	15.0
NW		2.9	2.9									5.9	6.0
NNW		2.9	5.9									8.8	8.7
VARBL													
CALM												20.6	
	17.6	20.6	23.5	17.6								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 34

DATA PROCESSING BRA C...
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 72 (YEARS) JAN (MONTH)

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

(CONDITION)

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

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING BR C
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 72 (YEARS) MA, (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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW			100.0									100.0	10.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
			100.0									100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING PROCS.
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

03921 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0600-0900 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.3	.4	.2								4.4	5.0
NNE	1.7	.9	.6	.2								3.1	5.1
NE	1.2	1.7	1.2	.2								4.4	5.5
ENE	1.5	3.1	1.0	.2								5.8	5.2
E	3.5	5.2	3.5	.2								12.5	5.3
ESE	.8	2.3	3.7	.6	.2							7.7	7.2
SE	1.0	1.9	2.5	.6	.4							6.5	7.5
SSE	.2	1.7	3.5	1.5	.2							7.7	8.4
S	1.0	3.1	3.7	2.7	.6							11.2	8.8
SSW	.2	2.3	.6	.2								3.3	6.0
SW	.4	1.7	1.3									3.1	5.6
WSW		.4		.6								1.0	9.2
W	.3	.4	.2	1.0								2.5	7.8
WNW	.2	.2	1.0	.6	.4							2.5	10.7
NW	.6	1.0	1.0	1.9	.2							4.8	9.6
NNW	.8	1.9	2.3	1.0								6.0	7.4
VARBL													
CALM												13.3	
	16.0	29.8	26.9	11.9	2.1							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 480

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 57-76 (YEARS) JA- (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	.6	2.7	.8	.1								4.0	5.2
NNE	.1	2.1	1.6									3.9	5.9
NE	1.2	1.5	.9									3.6	4.9
ENE	.9	2.1	1.6	.1								4.8	5.0
E	.8	2.5	3.8	.9								7.6	7.5
ESE	1.8	2.4	3.9	1.9								9.2	8.0
SE	.6	1.3	2.7	1.9	.3							6.9	9.2
SSE	1.3	2.5	3.7	4.9	.1	.1						12.8	9.4
S	.7	2.5	4.6	4.9	1.3	.1						14.3	10.4
SSW	.4	1.8	2.7	1.5	.1							6.6	8.2
SW	.1	.7	1.0	.6								2.5	8.1
WSW		.4	1.0	.4								1.9	8.2
W	.6	1.0	1.2	1.0								3.9	8.0
WNW	.4	.6	1.0	1.6	1.0							4.8	11.7
NW		.9	1.0	1.6	.4	.1						4.3	11.5
NNW	.3	.9	3.3	1.2	.6							6.3	9.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.7	
	9.1	26.1	34.6	23.1	4.0	.4						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 571

DATA PROCESSING PROC.
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JA. (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	.5	1.4	2.7	.5								5.0	7.2
NNE	.9	.9	.5	.2								2.4	5.4
NE	1.1	1.1										2.1	3.9
ENE	.9	1.5	1.1	.2								3.6	5.5
E	.8	2.7	2.0	.8								6.2	6.8
ESE	.2	1.7	1.7	.9	.3							4.7	8.9
SE	.2	2.7	2.7	2.3		.2						8.0	8.8
SSE	.5	2.3	3.8	3.0	.5							9.9	9.3
S	.8	2.6	6.3	8.4	2.1	.6						20.7	11.5
SSW	.8	1.1	3.0	2.7	.5							8.7	9.6
SW	.8	.5	.3	.5								1.5	7.9
WSW	.2	.5	.6	.2								1.3	7.5
W	.5	1.8	1.5	1.4	.8	.2						6.0	9.6
WNW		.5	1.8	1.5	1.1	.2						5.0	12.2
NW	.2	.5	1.1	2.3	1.1	.3						5.3	12.8
NNW	.3	2.0	2.6	1.4	.5	.2						6.8	9.2
VARBL													
CALM												2.9	
	7.7	23.3	32.3	25.8	6.6	1.5						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 666

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 47-74 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.1	2.1	.7								5.5	7.1
NNE	1.4	1.4										2.9	3.7
NE	.2	1.4	.2									1.9	4.5
ENE	.7	2.1	1.0									3.8	5.2
E	.5	1.7	1.9									4.0	6.6
ESE	.5	1.2	1.2	1.2								4.0	8.0
SE	.2	1.2	1.7	1.7	.5							5.2	10.5
SSE	1.2	1.9	6.0	5.0								14.0	9.4
S	1.4	3.1	6.0	9.0	1.7							21.2	10.4
SSW	.2	1.9	3.3	2.6	.2							8.3	8.9
SW		1.2	.7									1.9	6.3
WSW	.7	.5		.5								1.7	6.1
W	1.0	1.4	1.0	.7	.5	.2						4.8	9.4
WNW	.2	.7	2.1	2.9	1.2							7.1	12.1
NW	.3	1.0	.7	3.3	1.0	.5						6.9	12.6
NNW	.2	1.0	1.7	1.4								4.3	9.0
VARBL													
CALM												2.4	
	9.3	23.8	29.5	29.0	5.0	.7						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 420

DATA PROCESSING BRA C
ETAC/USAF
AIR WEATHER SERVICE/ AC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7											1.7	2.0
NNE		1.7										1.7	5.0
NE													
ENE	1.7	3.2										5.9	4.5
E		1.7										1.7	6.0
ESE													
SE		3.2	1.7	1.7								6.6	7.2
SSE	3.4	3.4	20.7									27.6	7.9
S		5.9	1.7									8.6	6.8
SSW													
SW	1.7		3.4									5.2	7.7
WSW													
W													
WNW	1.7	1.7		1.7								5.2	6.7
NW		1.7	3.4									5.2	8.0
NNW	6.9	5.2	3.4									15.5	4.6
VARBL													
CALM												12.1	
	17.2	32.8	34.5	3.4								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 58

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)

03941 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		3.4										3.4	5.0
NNE	1.7											1.7	2.0
NE			3.4									3.4	9.0
ENE													
E	1.7	6.9										8.6	4.6
ESE		3.4										3.4	5.5
SE		1.7	3.4	3.4								8.6	9.6
SSE	1.7	10.3	6.9	1.7	1.7							22.4	8.0
S		3.4	6.9	3.4								13.8	9.1
SSW				1.7								1.7	12.0
SW													
WSW													
W	3.4			3.4								6.9	8.8
WNW													
NW				1.7								1.7	15.0
NNW	3.4	3.4										6.9	3.5
VARBL													
CALM												17.2	
	12.1	32.8	21.7	15.5	1.7							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 58

DATA PROCESSING BRA C.
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03921 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		50.0										50.0	4.0
NE													
ENE													
E													
ESE		50.0										50.0	6.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
		100.0										100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.2	1.0	.2								4.3	5.7
NNE	.6	1.0	.4									2.2	4.5
NE	1.2	1.8	.6									3.7	4.6
ENE	2.2	3.1	1.2	.2								6.7	4.9
E	2.2	4.5	2.2									8.8	5.2
ESE	1.4	3.3	1.2	.6								6.5	5.9
SE	1.8	3.1	2.9	.4	.2							8.4	6.4
SSE	.6	3.5	4.5	3.1	.4							12.0	8.6
S	1.0	2.9	5.9	3.7	.2							13.7	8.9
SSW	.8	1.4	1.0									4.1	6.2
SW	.2	.4	.2									.8	5.0
WSW	.4	.4	.4									1.2	5.0
W	.2	1.6	.8									2.7	5.7
WNW	.6	1.6	1.2	1.0								4.5	7.4
NW		.8	1.2	.2								2.2	8.3
NNW	1.0	1.0	1.4	.4								3.9	6.3
VARBL													
CALM												14.1	
	15.5	32.7	27.1	9.8	.8							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 490

DATA PROCESSING GROUP
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) AP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	1.4	.5								3.4	7.2
NNE	.3	1.5	.5									2.3	5.2
NE	.8	2.4	1.2									4.4	5.3
ENE	.5	2.6	2.6									5.9	5.9
E	1.2	3.0	2.3	.5								7.3	6.2
ESE	1.1	2.4	2.1	.8	.2							6.6	6.9
SE	.5	3.0	2.9	2.3	.2							9.1	8.4
SSE	.2	1.5	3.4	2.7	1.4	.3						9.5	11.2
S	.9	3.8	7.2	5.9	1.2	.3						19.4	9.8
SSW	.3	2.3	4.0	2.4								9.1	8.6
SW		.3	.9	.2								1.4	7.8
WSW	.5	1.1	.3									1.8	4.5
W	.3	1.4	.6	.8								3.4	7.0
WNW	.9	1.1	1.4	1.1	.2							4.6	8.0
NW		.9	.3	1.1	.5							3.4	10.4
NNW	.3	.9	1.7	1.1								4.0	8.5
VARBL													
CALM												4.6	
	8.0	29.4	33.4	19.5	3.5	.6						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 656

DATA PROCESSING DIV C,
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03951	FORT POLK AAF LOUISIANA	67-74	AP.
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	.5	2.6	1.5	.5								5.0	5.5
NNE	.6	2.9	.5									4.0	5.0
NE	.5	1.7	.5									2.7	4.6
ENE	.6	1.5	.8									2.9	5.4
E	1.2	4.6	1.8	.3								7.9	5.8
ESE	1.1	2.0	1.0	1.2								6.1	7.5
SE	.6	1.2	2.6	3.1	.5							7.9	9.9
SSE		1.1	4.0	6.4	2.3							14.4	12.3
S	.8	3.1	6.9	7.6	1.4	.5						20.2	10.7
SSW	.5	1.4	1.5	2.0	.3							5.8	9.3
SW	.2	.6	.6	.5								1.8	7.8
WSW	.2	.3	.5									.9	5.7
W	.2	.6	1.1	.3								2.1	8.1
WNW	.2	.9	1.7	2.1	.5							5.3	10.5
NW	.2	1.1	2.3	1.7	.2							5.3	9.7
NNW	.3	1.7	1.7	.6	.3	.2						4.7	8.3
VARBL													
CALM												2.7	
	7.6	27.2	30.2	26.3	5.3	.6						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 655

DATA PROCESSING BRN. C.
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.1	1.3	1.0								5.2	7.4
NNE	1.0	2.8	.5									5.2	4.8
NE	1.3	1.6	.5									3.4	4.2
ENE	.5	2.1										2.6	4.3
E	1.0	3.4	1.3									5.7	5.2
ESE	.5	1.0	1.3	1.6								4.4	8.8
SE	.3	2.1	2.1	3.1								7.5	9.7
SSE		2.3	5.2	5.7	1.0							14.2	10.9
S	.3	1.8	10.1	10.1	1.8							24.0	11.2
SSW		.8	3.1	1.3	.3							5.4	9.3
SW	.3	.3	.3	.3								1.3	7.8
WSW		.3	.3									.5	6.0
W	.3	.8	.8									1.9	6.6
WW		1.6	2.1	2.1	1.0							6.7	10.5
NW	.5	.8	1.6	1.0	.3							4.1	9.6
NNW		2.3	1.0	.8	.5	.3						4.9	9.4
VARBL													
CALM												3.4	
	7.5	25.8	31.3	26.9	4.9	.3						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 387

DATA PROCESSING BRA C.
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

03931	FORT POLK AAF LOUISIANA	71-72	APR
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													
NNE	2.2	2.2										4.3	3.0
NE	2.2											2.2	2.0
ENE	4.3											4.3	2.5
E	2.2	4.3										6.5	3.7
ESE		2.2										2.2	4.0
SE	2.2	2.2	2.2									6.5	5.3
SSE		4.3	15.2	4.3								23.9	9.6
S		2.2	21.7	6.5								30.4	9.1
SSW													
SW		2.2										2.2	5.0
WSW		2.2										2.2	6.0
W		2.2										2.2	4.0
WNW													
NW													
NNW			2.2									2.2	8.0
VARBL													
CALM												10.9	
	13.0	23.9	41.3	10.9								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 46

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	3.0	3.0										6.1	4.0
ENE		6.1										6.1	6.0
E		6.1	3.0									9.1	6.0
ESE		3.0										3.0	5.0
SE													
SSE			15.2									15.2	9.5
S		12.2	3.0	9.1								27.3	7.9
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		6.1	6.1									12.1	7.0
VARBL													
CALM												21.2	
	3.0	39.4	27.3	9.1								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 33

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 74 75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE	50.0											50.0	2.0
E													
ESE													
SE													
SSE				50.0								50.0	14.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	50.0			50.0								100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	.5									3.9	4.4
NNE	1.0	.8										1.8	2.9
NE	1.7	1.2	.2									3.1	3.3
ENE	3.0	1.6	.3									4.8	3.4
E	3.0	3.1	2.5									8.6	5.3
ESE	2.5	4.4	2.7	.5								10.3	5.8
SE	1.1	3.3	1.7	.8								6.9	6.1
SSE	.5	1.6	4.2	2.0								8.5	8.3
S	1.4	3.1	3.0	1.4								8.9	6.6
SSW	.6	2.3	1.1	.3								4.4	6.1
SW		.3	.2									.5	5.7
WSW	.2	.6	.2									.9	4.5
W	1.1	1.2	.5									2.8	4.4
WNW	.5	.5	.5									1.4	5.7
NW	.5	3.0	1.1									4.5	5.3
NNW	2.7	3.6	1.4	.3								8.0	5.1
VARBL													
CALM												20.1	
	21.5	32.9	19.6	5.6								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 641

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03921 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-74 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	1.1	3.1	1.6	.3								6.1	5.5
NNE	1.3	2.2		.2								3.6	4.3
NE	.6	1.4	.5									2.7	4.9
ENE	1.4	2.2	.2									3.8	4.3
E	1.4	6.3	3.0	.2								10.8	5.9
ESE	.6	2.4	4.1	.9								8.2	7.4
SE	.6	2.5	3.5	1.7								8.3	7.8
SSE	.5	1.1	3.9	4.1	.2							9.7	9.6
S	1.7	2.5	9.4	3.6								17.3	8.4
SSW		1.6	1.9	1.4	.2							5.0	8.7
SW	.2	1.4	1.3									2.8	6.6
WSW	.5	.9	.5									1.9	5.1
W	.6	2.0	1.3	.2								4.2	5.7
WNW	.6	.6	1.3									2.5	5.9
NW	.3	1.9	1.1	.6								3.9	6.9
NNW	.6	2.2	1.1	.2								4.1	5.9
VARBL													
CALM												4.6	
	12.5	34.4	34.9	13.3	.3							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 637

DATA PROCESSING SEA C.
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931	FORT POLK AAF LOUISIANA	57-76	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	.9	2.6	1.1	.3								5.0	5.4
NNE	1.1	1.2	.2									2.5	5.7
NE	.8	1.6										2.3	4.3
ENE	1.4	2.8	1.2									5.4	4.9
E	1.2	4.0	2.8	.2								8.1	5.9
ESE	1.2	3.3	3.3	.8								8.5	6.8
SE	.5	.8	3.3	1.9								6.4	9.1
SSE	.5	.9	4.5	2.8	.5							9.1	10.0
S	1.4	2.2	8.4	5.7	.3							15.0	9.4
SSW	.3	1.4	3.6	1.2	.2							7.1	8.5
SW	.5	1.6	1.2									3.3	6.0
WSW	.5	1.4	.5	.2								2.5	5.6
W	.3	1.9	.5	.2								2.9	5.7
WNW	.5	2.3	1.4	.2								4.3	5.3
NW	.2	1.7	1.9	.6								4.3	7.3
NNW	.9	2.3	2.5	.8								6.5	7.0
VARBL													
CALM												3.7	
	12.0	31.9	36.1	14.7	.9							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 645

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-74 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.9	.4	.4								3.9	5.4
NNE	1.9	1.9										3.5	3.4
NE	1.6	1.9										3.5	3.8
ENE	1.9	1.9	1.2									5.1	4.5
E	1.9	3.1	2.3									7.4	5.7
ESE		3.5	3.1	.4								7.0	7.1
SE	.8	1.9	2.3	1.9								7.0	8.2
SSE		1.9	2.7	2.7	1.2							8.4	10.9
S	.8	1.9	12.5	4.3								19.5	9.0
SSW		2.3	1.2	1.2								4.7	8.2
SW		1.6	.4									1.9	5.8
WSW		.8										.8	5.5
W		1.6	1.6									3.1	6.0
WNW		1.9	1.2	.4								3.1	7.5
NW	.8	1.6	2.7	1.9								7.0	8.2
NNW	.4	1.6	4.3	1.6								7.8	8.5
VARBL													
CALM												6.2	
	11.3	30.7	35.6	14.6	1.2							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 257

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (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	4.9	3.7										8.5	3.5
NNE													
NE	1.2	1.2										2.4	4.0
ENE	3.7	1.2										4.9	2.5
E		1.2										1.2	6.0
ESE	1.2	2.4	1.2	2.4								7.3	7.2
SE													
SSE	2.4	4.9	2.4	1.2								11.0	6.2
S	1.2		1.2									2.4	5.5
SSW		1.2										1.2	4.0
SW													
WSW		1.2	1.2									2.4	5.0
W		1.2	2.4									3.7	8.0
WNW		3.7	1.2									4.9	5.0
NW		1.2	1.2									2.4	5.5
NNW	3.7	3.7	4.9	1.2								13.4	6.5
VARBL													
CALM												34.1	
	18.3	26.8	15.9	4.9								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 82

USAFETAC FORM 0-P 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)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	4.2											4.2	3.0
NE													
ENE		4.2										4.2	4.0
E	8.3	8.3										16.7	3.0
ESE													
SE			4.2									4.2	8.0
SSE		4.2										4.2	4.0
S		12.5										12.5	5.3
SSW													
SW													
WSW													
W													
WNW													
NW	4.2	4.2	4.2									12.5	6.0
NNW													
VARBL													
CALM												41.7	
	16.7	33.3	8.3									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 24

DATA PROCESSING
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	1.x	.5										1.4	2.9
NNE	2.4	1.1	.2									3.7	3.2
NE	1.4	.8	.2									2.4	3.5
ENE	1.6	.5										2.2	2.6
E	4.3	3.0	.2									7.7	3.2
ESE	2.1	2.6	1.0	.6								6.2	5.4
SE	1.1	1.6	2.2	.5								5.4	6.4
SSE	.0	1.6	1.3	1.9								5.7	8.3
S	1.0	2.9	3.0	.8								7.7	6.9
SSW	.0	2.2	1.6	.2								4.6	6.1
SW	.3	2.4	.5									3.2	5.0
WSW	1.0	2.1	1.1	.3								4.5	5.8
W	2.2	2.2	3.0	.3								7.8	5.6
WNW	1.9	1.8	2.4									6.1	5.3
NV	.6	.6	.3									1.6	4.5
NNW	1.0	2.1	.5									3.5	4.4
VARBL													
CALM												26.3	
	23.0	26.1	17.4	4.6								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 627

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FT POLK AAF LOUISIANA (STATION NAME) 67-74 (YEARS) JU (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	1.4	.5									3.7	4.3
NNE	1.2	2.0	.5									3.9	4.6
NE	.7	1.6	.2									2.6	4.4
ENE	.2	.6										1.5	3.3
E	2.2	4.0	1.4									7.6	4.8
ESE	1.4	3.3	1.5									6.2	5.2
SE	.3	1.7	1.5	.5								5.0	6.8
SSE	1.2	2.6	2.5	2.3	.8							9.4	8.5
S	1.2	4.2	5.4	2.8	.6	.2						14.5	8.5
SSW	.5	3.0	5.3	.9								10.0	7.2
SW	.5	1.7	2.3	.3								4.8	6.8
WSW		1.7	3.3									5.0	7.2
W	1.2	2.3	3.1	.3								7.0	6.4
WNW	.3	2.5	1.2	.8								5.3	6.4
NW	.9	1.1	1.4	.2								3.5	5.7
NNW	.6	1.1										1.7	3.8
VARBL													
CALM												8.6	
	16.6	34.6	30.6	6.4	1.4	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 643

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-75 (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	.9	1.9	.8									3.6	5.0
NNE	1.1	2.2	.5									3.7	4.7
NE	.9	1.7	.2									2.8	3.9
ENE	1.7	1.2	.3									3.3	3.9
E	1.6	4.7	1.5									7.8	5.0
ESE	.8	2.7	1.4	.3								5.1	6.0
SE	.3	1.9	1.9	.8								4.8	7.6
SSE	.9	1.1	4.1	2.3	.8							9.2	9.3
S	1.9	6.1	7.2	4.7	.2							20.0	8.1
SSW	1.6	3.0	5.0	1.1								10.6	6.9
SW	.2	1.4	1.9									3.4	6.3
WSW	.5	2.3	1.6	.2								4.5	5.9
W	.5	3.0	2.5	1.1								7.0	7.3
WNW	.3	.8	1.0	.6	.2							3.4	8.7
NW	.2	1.2	1.4									2.8	6.8
NNW	.6	1.2	.2									2.2	4.3
VARBL													
CALM												5.6	
	14.0	36.3	31.6	11.1	1.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 641

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/ETAC

SURFACE WINDS

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

03931 STATION | FT POLK AAF LOUISIANA STATION NAME | 67-74 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	1.2	3.0	.7									5.2	4.7
NNE	2.2	1.1	.7									4.1	3.5
NE	1.1	1.9										3.0	3.9
ENE	1.5	2.2	.4									4.1	4.1
E	2.7	4.9	.7	.4	.4							11.1	4.9
ESE	1.1	2.6	1.9									5.6	5.7
SE	.4		4.1	1.5								6.0	9.4
SSE	.4	2.6	1.9	1.5								6.3	7.8
S	2.6	4.1	6.5	3.4	.4							19.0	8.3
SSW	1.5	2.2	4.9	.4								9.0	6.7
SW	.4	3.0	1.5	.4								5.2	6.4
WSW	1.5	1.1	2.2	.4								5.2	6.4
W		2.2	3.4		.4							6.0	7.8
WNW	.4	1.1	1.1	.4								3.0	7.1
NW	.4	.4	.4									1.1	5.3
NNW	1.5	.4	.4									2.2	4.0
VARBL													
CALM												4.5	
	20.1	32.8	32.8	8.2	1.1							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 268

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (YEARS) JU (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													
NNE	1.3	1.3										2.5	3.0
NE	2.5											2.5	2.5
ENE	1.3	1.3										2.5	2.5
E	5.0	2.5										7.5	2.8
ESE	2.5	1.3										3.8	3.0
S.	3.8	1.3										5.0	3.8
SSE	2.5	6.3	3.8									12.5	5.5
S	3.8	5.0	7.5									16.3	5.8
SSW	2.5											2.5	2.5
SW													
WSW		1.3										1.3	4.0
W	2.5	1.3										3.8	3.3
WNW													
NW		1.3										1.3	4.0
NNW													
VARBL													
CALM												38.8	
	27.5	22.5	11.3									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 80

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931	FORT POLK AAF LOUISIANA	71-72	JUL
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													
NNE													
NE													
ENE													
E	7.7	7.7										15.4	3.5
ESE													
SE													
SSE	15.4											15.4	2.5
S		15.4	7.7									23.1	6.7
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	46.2	
	23.1	23.1	7.7									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 13

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931	FORT POLK AAF LOUISIANA	71 75	JUL
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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW		33.3										33.3	4.0
W	33.3											33.3	3.0
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	33.3	
	33.3	33.3										100.0	2.3

TOTAL NUMBER Or OBSERVATIONS 3

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03951 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0600-0900 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.9	.3									3.4	3.4
NNE	1.3	.3										1.6	2.5
NE	.2	.6	.2									1.0	4.3
ENE	1.4	1.0										2.4	2.9
E	4.5	2.9	1.3									8.7	3.8
ESE	1.4	2.1	.3	.2								4.0	4.2
SE	1.6	.5	.3									2.4	3.3
SSE	1.0	.8	.3									2.1	4.4
S	2.1	2.1	.5									4.6	3.9
SSW	1.4	1.4	1.0									3.8	4.7
SW	.3	1.6	.5	.2								2.7	5.5
WSW	1.4	2.1	2.9									6.4	5.8
W	2.7	5.0	3.8	.2								11.7	5.4
WNW	1.4	1.4	1.8	.3								5.0	6.0
NW	.5	1.8	1.0									3.2	5.0
NNW	1.3	1.6	.3									3.2	4.2
VARBL													
CALM												33.8	
	25.6	26.0	14.4	.8								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 624

DATA PROCESSING OF
STAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03921	FORT POLK AAF LOUISIANA	67-75	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	.8	1.3	.2									2.1	4.5
NNE	1.8	1.3	.2									3.0	3.7
NE	.8	.5										1.1	3.6
ENE	2.2	.5										2.7	2.9
E	1.7	3.3	1.1									6.2	4.8
ESE	1.1	2.1	1.9									5.1	5.7
SE	.3	1.7	.5	.2								2.7	5.6
SSE	1.7	1.9	1.1	.2								4.9	4.7
S	2.5	4.0	2.1	.2								8.7	5.1
SSW	.5	3.6	2.4									6.8	5.8
SW	.2	1.3	3.0	.5								5.4	7.0
WSW	1.4	2.9	2.9	.5								7.6	6.1
W	2.7	4.4	5.1	1.3								13.5	6.3
WNW	1.9	2.5	3.5	1.0								8.9	6.7
NW	.5	4.4	2.2	.2								7.1	5.9
NNW	.6	2.1	.8									3.5	5.5
VARBL													
CALM												10.8	
	21.1	37.7	26.8	3.6								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 631

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	1.3	1.6	1.1									4.0	4.8
NNE	.3	1.4										1.8	4.5
NE	.8	1.1	.2									1.9	4.0
ENE	1.4	1.8	.2									3.4	3.9
E	1.4	4.0	1.3									6.7	5.1
ESE	1.0	1.9	1.9									4.8	6.0
SE	.5	1.9	1.4	.5								4.3	5.9
SSE	2.7	2.6	3.2	.5	.2							9.3	5.8
S	3.0	3.9	3.0	.6								10.6	5.7
SSW	1.0	3.7	2.2	.2								7.1	5.7
SW	.5	1.6	2.1	.3								4.5	6.5
WSW	1.1	2.4	2.2	.2								5.8	5.9
W	.8	4.8	3.4	.6								9.5	6.5
WNW	.8	2.6	1.1	.5								5.0	6.0
NW	1.0	1.0	1.3	.2								3.4	6.0
NNW	.6	2.1	2.6	.2								5.5	6.6
VARBL													
CALM												12.5	
	18.6	38.4	27.3	3.7	.2							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 623

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

03931 (STATION) FT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.8	.4									2.3	3.7
NNE	.8	.8										1.5	3.5
NE	1.1	.8	.4									2.3	4.3
ENE	1.5	1.9	.8									4.2	4.5
E	1.5	3.8	1.5									6.8	5.2
ESE	1.1	1.5	2.3	.4								5.3	6.0
SE		1.5	1.5									3.0	6.6
SSE	.4	5.3	2.7	.8								9.1	6.3
S	3.8	6.5	3.4	1.5								15.2	5.9
SSW	1.9	4.6	1.5	.4								8.4	5.4
SW	.8	1.9	.8									3.4	5.2
WSW		2.7	1.7	.4								4.9	7.2
W	1.1	3.8	1.1	1.1	.4							7.6	6.6
WNW	1.1	1.1	1.1									3.4	5.4
NW		1.5	1.1									2.7	5.7
NNW	1.5	2.7	.8									4.9	4.4
VARBL													
CALM												14.8	
	17.9	41.1	21.3	4.6	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 263

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
03931	FORT POLK AAF LOUISIANA	71-72 75	JUL

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T.): 1800-2000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	2.4											2.4	1.5
NE		1.2										1.2	4.0
ENE			1.2									1.2	8.0
E	4.8	2.4										7.1	2.7
ESE	1.2	2.4										3.5	4.3
SE		2.4	1.2									3.6	6.0
SSE	3.6	4.8	5.9	1.2								15.5	6.3
S	4.8	2.4	1.2									8.3	4.0
SSW	1.2											1.2	2.0
SW	1.2											1.2	3.0
WSW	1.2											1.2	2.0
W													
WNW	1.2											1.2	3.0
NW		2.4										2.4	4.0
NNW													
VARBL													
CALM												50.0	
	21.4	17.9	9.3	1.2								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 84

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE	8.3											8.3	2.0
E	8.3	8.3										16.7	3.5
ESE	8.3	8.3										16.7	3.0
SE													
SSE		8.3										8.3	4.0
S		8.3										8.3	4.0
SSW		8.3										8.3	4.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												33.3	
	25.0	41.7										100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 12

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931	FORT POLK AAF LOUISIANA	71 74	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0300-0500
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													
NNE													
NE													
ENE													
E													
ESE	33.3											33.3	2.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												66.7	
	33.3											100.0	.7

TOTAL NUMBER OF OBSERVATIONS 3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) AU, (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	2.0	.5	.2									2.5	2.9
NNE	4.7	1.1										5.7	2.7
NE	2.3	.6	.2									3.0	3.1
ENE	3.0	1.2	.2									4.4	2.9
E	5.4	3.2	.6									9.2	3.4
ESE	4.2	2.4	1.1									7.7	3.9
SE	2.1	1.4										3.5	3.0
SSE	.3	.5	.5									1.7	4.8
S	.6	.6										1.4	3.3
SSW	.8	.3										1.1	2.9
SW	1.1	.2	.2									1.4	3.1
WSW	1.7	1.2	.3									3.2	3.8
W	2.4	3.2	.9									6.5	4.5
WNW	.6	2.1	.5	.2								3.3	5.3
NW	.3	.8	.2									1.2	5.9
NNW	2.0	1.2										3.2	3.0
VARBL													
CALM												41.2	
	33.9	20.2	4.5	.2								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 663

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931	FT POLK AAF LOUISIANA	67-76	AUG
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	1.3	1.9										3.2	3.5
NNE	2.3	2.5										5.0	3.6
NE	2.3	1.5	.6									4.4	4.0
ENE	1.3	1.8	.3									3.5	3.7
E	4.7	5.9	1.6									12.2	4.2
ESE	2.1	2.5	1.0	.6								6.2	5.2
SE	1.0	1.5	.7	.4								3.7	5.8
SSE	1.3	2.2	1.0									4.5	5.0
S	1.5	3.8	2.8	.3								8.4	5.7
SSW	2.5	1.8	1.2									5.4	4.5
SW	1.0	2.1	.6	.1								3.8	5.0
WSW	1.0	2.3	1.0									4.4	4.9
W	2.3	6.2	1.5									10.0	4.8
WNW	1.0	2.6	.9	.3								4.8	5.1
NW	1.2	1.2	.9	.1								3.4	4.9
NNW	1.2	1.6	.1									2.9	4.1
VARBL													
CALM												14.2	
	28.4	41.2	14.2	1.9								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 682

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	3.0	.6									5.7	4.3
NNE	2.0	2.1	.6									5.3	3.8
NE	3.6	1.5	.5									5.6	3.6
ENE	1.5	2.3	.3									4.1	4.1
E	3.3	6.0	1.6	.2								11.3	4.7
ESE	2.3	1.8	1.5	.5								6.0	5.3
SE	.6	1.5	2.3	.6								5.0	7.2
SSE	1.4	3.9	1.1	.2								6.5	5.1
S	2.9	4.7	2.9	.2	.2							10.7	5.4
SSW	1.7	3.8	.3		.2							5.9	4.5
SW	.6	1.8	.9									3.3	5.3
WSW	1.1	2.0	1.2									4.2	5.1
W	2.1	3.3	.8	.2								6.3	4.3
WNW	.8	1.1	1.4	.2								3.3	6.0
NW	.2	1.4	.8									2.4	5.6
NNW	.8	1.1	.8									2.6	5.0
VARBL													
CALM												11.6	
	27.3	41.2	17.7	1.8	.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 562

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 57-75 (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	3.0	1.5										5.1	3.0
NNE	.4	2.9										3.3	3.8
NE	2.2	2.9	.4									5.5	3.9
ENE	1.5	2.9	.7									5.1	4.3
E	2.6	5.8	2.6	.4								11.3	5.2
ESE	2.2	2.9	2.6									7.7	5.3
SE		2.9	1.8									4.7	5.3
SSE	1.5	1.8	2.9	.4								6.6	6.8
S	2.6	5.5	2.9	.7	.4							12.0	6.0
SSW	2.2	3.3	.7	.4								6.6	4.6
SW	.4	2.2										2.6	4.0
WSW	1.5	.4	.7									2.6	4.7
W	2.2	2.2	1.5									5.8	5.1
WNW	.7	.7										1.5	3.5
NW	.7	.4	.4									1.5	4.5
NNW	1.1	1.8	.4									3.3	4.4
VARBL													
CALM												15.0	
	25.2	40.1	17.5	1.8	.4							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 274

USAFETAC FORM JUL 44 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)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (YEARS) AU, (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	2.0											2.0	1.5
NNE	2.9											2.9	1.0
NE													
ENE	2.0											2.0	2.0
E	4.9	2.0										6.9	2.9
ESE	1.0	1.0										2.0	3.0
SE		2.0										2.0	4.0
SSE	2.0	2.0										3.9	3.5
S	6.9	1.0	2.0									9.8	3.6
SSW		2.9										2.9	4.7
SW	2.0	2.0										3.9	3.3
WSW	1.0											1.0	2.0
W		2.0										2.0	5.0
WNW													
NW													
NNW	2.0		1.0									2.9	3.7
VARBL													
CALM												55.9	
	26.9	14.7	2.9									100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 102

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03951 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	4.5											4.5	2.0
NE													
ENE													
E													
ESE		4.5										4.5	6.0
SE													
SSE													
S	4.5	4.5										9.1	3.5
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												81.8	
	9.1	9.1										100.0	.7

TOTAL NUMBER OF OBSERVATIONS 22

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)

03981 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71 75 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE	14.3											14.3	3.0
E	14.3											14.3	2.0
ESE	28.6											28.6	3.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												42.9	
	57.1											100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 7

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	2.8	1.3	.2								7.0	4.4
NNE	4.1	2.4										6.5	2.8
NE	3.1	2.0	.2									5.2	3.2
ENE	4.4	1.8	.3	.2								6.7	3.3
E	8.5	4.9	1.0	.2								14.7	3.5
ESE	5.4	4.6	1.1	.5								11.6	4.2
SE	1.0	2.1	.3	.3								4.4	5.1
SSE	1.0	1.1	1.5	.2								3.7	5.7
S	.7	1.5	.2									2.3	4.3
SSW	.3	.2										.5	2.3
SW	.3											.3	2.0
WSW	.7	.3	.2									1.1	4.1
W	.7	.7										1.3	3.5
WNW		1.5										1.5	4.6
NW	.7	.8	.2	.2								1.8	4.5
NNW	1.8	1.3	.7									3.7	4.0
VARBL													
CALM												27.7	
	36.0	27.9	6.8	1.6								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 614

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	1.9	2.8	.0	.8								5.3	5.4
NNE	2.3	2.9										5.2	3.6
NE	2.4	3.2	.5									6.2	3.9
ENE	2.3	3.2	.8									6.3	4.2
E	5.3	6.5	2.4									13.9	4.5
ESE	2.4	6.3	2.4	.8								12.0	5.5
SE	2.3	2.9	2.3									7.5	5.3
SSE	1.5	3.2	2.9	.8								8.4	6.3
S	.8	2.8	2.9	.6								7.1	6.4
SSW	1.1	1.8	1.3									4.2	5.2
SW	.2	.8	.2									1.1	5.0
WSW	.5	1.0										1.5	3.7
W	.3	1.3	.3									1.9	4.9
WNW	.5	1.9	.3									2.8	4.9
NW		1.6	.5									2.1	5.5
NNW	1.3	1.6	1.1	.2								4.7	5.2
VARBL													
CALM												8.8	
	25.3	43.9	18.8	3.2								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 617

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	4.2	1.0	.2								7.8	4.6
NNE	2.1	3.4	.5									6.0	4.0
NE	1.2	4.0	.8									6.1	4.6
ENE	1.6	2.6	.8									5.2	4.6
E	3.0	4.2	1.0	.2								9.7	4.6
ESE	1.3	5.3	2.6	.6								9.9	6.0
SE	1.0	3.7	2.1	.3								7.1	6.2
SSE	1.6	2.4	3.1	.0								7.8	6.5
S	1.8	4.9	2.1	1.6								10.4	6.6
SSW	.6	2.1	.5	.3								3.7	5.2
SW	.8	1.1	.6									2.6	4.9
WSW	.0	.6	.2									1.5	4.1
W	1.3	.8	.5									2.6	4.6
WNW	1.1	1.6	1.3		.2							4.2	5.0
NW	.8	1.8	1.1	.2								3.9	5.7
NNW	.6	2.3	1.5	.6								5.2	6.3
VARBL													
CALM												6.3	
	23.3	45.1	20.4	4.7	.2							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 618

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 57-76 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.1	5.2	.7									10.0	4.1
NNE	4.1	2.6										6.7	3.1
NE	3.3	1.5	.4									5.2	3.4
ENE	2.2	1.9	.7									4.8	4.5
E	4.8	5.2	1.9	.4								12.2	4.6
ESE	1.9	3.0	2.6	.4								7.8	6.1
SE	3.0	1.9	3.7	.7								9.3	6.0
SSE	1.5	1.1	.7	.4	.4							4.1	6.5
S	2.6	1.9	2.2	1.5								8.1	6.6
SSW	.7	1.9	.7									3.3	4.6
SW	.4	.4	.4									1.1	5.3
WSW	.4	.4										.7	3.0
W	1.5	1.1										2.6	3.0
WNW	1.1	1.1	.7									3.0	5.0
NW	.4	2.2	2.2	1.1								5.9	7.2
NNW	2.6	3.3	.7									6.7	4.2
VARBL													
CALM												8.5	
	34.4	34.4	17.8	4.4	.4							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 270

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (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	3.7	3.7										7.4	3.4
NNE	1.9	.9			.9							3.7	7.3
NE	.9	.9										1.9	4.5
ENE	.9	2.8										3.7	3.8
E	.9	.9		.9								2.8	7.0
ESE	3.7	3.7										7.4	3.3
SE	.9			.9								1.9	8.0
SSE	.9	1.9	.9									3.7	5.5
S	1.9											1.9	2.0
SSW		.9										.9	4.0
SW													
WSW		.9										.9	4.0
W			.9									.9	8.0
WNW	.9	.9										1.9	3.5
NW	.9											.9	2.0
NNW		.9	.9									1.9	7.0
VARBL													
CALM												58.3	
	17.6	18.5	2.8	1.9	.9							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 108

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	4.5											4.5	2.0
NE		4.5										4.5	4.0
ENE	4.5	4.5										9.1	4.0
E		4.5										4.5	4.0
ESE	4.5											4.5	3.0
SE	4.5											4.5	2.0
SSE			4.5									4.5	10.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW				4.5								4.5	12.0
NNW	4.5		4.5									9.1	6.0
VARBL													
CALM												50.0	
	22.7	13.6	9.1	4.5								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 22

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)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.3	.3									4.0	4.3
NNE	3.7	4.0	.8									8.5	4.0
NE	2.5	3.2	.7									6.3	3.9
ENE	2.2	1.8	.5									4.5	3.7
E	7.8	4.3	.7									12.8	3.3
ESE	3.3	4.0	2.7	.2								10.1	4.9
SE	1.2	3.0	1.7	.2								6.0	5.6
SSE	.5	1.0	.3									1.8	4.8
S	.8	.3										1.2	3.1
SSW	.7											.7	2.5
SW		.5										.5	4.3
WSW													
W		.3	.8	.2								1.3	8.6
WNW	.7	.5	.5									1.7	4.6
NW	1.2	1.2	1.2									3.5	5.3
NNW	2.5	3.0	2.0	.3								7.8	5.3
VARBL													
CALM												29.4	
	28.2	29.4	12.1	.8								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 602

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	2.1	3.8	.9									6.6	4.4
NNE	1.7	4.0	1.1									6.7	4.5
NE	1.5	3.2	.6									5.5	4.6
ENE	1.7	2.7	.6									5.0	4.2
E	3.7	5.8	.9									10.4	4.1
ESE	2.6	5.0	4.0	.5								11.5	6.0
SE	1.1	5.0	3.1	.6								9.8	6.3
SSE	1.1	2.1	3.7	.9	.2							7.9	7.2
S	1.2	2.4	2.7	.3								6.7	6.3
SSW	.8	2.1	.8									3.7	5.0
SW	.3	.3										.6	2.8
WSW	.2	.6										.8	4.0
W	.5	.8	.2	.9								2.4	7.4
WNW	1.8	1.2	.9	.6								4.6	5.4
NW	2.0	.6	1.8	.2								4.6	5.6
NNW	1.5	2.1	2.4	.8								6.9	5.3
VARBL													
CALM												6.4	
	23.2	42.0	23.5	4.7	.2							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 655

USAFETAC FORM JUL 66 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)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-75 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	3.9	2.4									9.3	4.7
NNE	2.2	3.1	.8									6.1	4.3
NE	.8	1.9	1.3									3.9	4.9
ENE	1.9	1.1	.2									3.1	3.5
E	3.0	2.0	.8	.2								6.0	4.3
ESE	1.6	3.5	2.4	.3								7.7	5.9
SE	1.3	3.3	3.5	.5								8.5	6.7
SSE	1.4	3.1	3.8	1.1	.3							9.7	7.3
S	1.3	3.3	3.6	.6	.2	.2						9.1	7.0
SSW	.6	2.4	.6									3.8	5.1
SW	.5	.6	.5									1.6	5.4
WSW	.9	.9	.6									2.5	4.9
W	1.1	1.4	1.4	.2								4.1	5.5
WNW	.8	2.4	.9	.9	.8							5.8	8.1
NW	.9	1.7	2.0	1.1	.2							5.8	7.6
NNW	.5	2.7	3.5	.2								6.8	7.0
VARBL													
CALM												6.1	
	21.5	37.4	28.3	5.0	1.4	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 636

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.3	2.0									6.0	5.6
NNE	3.6	4.0	1.3									8.9	3.9
NE	2.6	.7										3.3	2.4
ENE	2.6	1.0	.7									4.3	3.4
E	1.7	2.6	1.7									6.0	5.1
ESE	1.3	3.0	1.7									6.0	5.5
SE	1.3	4.0	1.7	.3								7.3	5.8
SSE	.7	2.3	4.6	.3								7.9	7.4
S	.3	3.6	3.3	3.0								10.3	8.2
SSW	.7	1.3	1.3									3.3	5.8
SW	.3	.3	.3									1.0	6.3
WSW			.3									.3	8.0
W	1.3	1.0	1.0	.3								3.6	5.5
WNW	.3	2.0	1.0	2.3		.3						6.0	10.4
NW	.3	3.0	2.0	.7		.3						6.3	7.4
NNW	1.0	2.3	4.3	.7								8.3	7.0
VARBL													
CALM												11.3	
	19.9	33.4	27.2	7.6		.7						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 302

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)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (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	1.8	2.8										4.6	3.4
NNE	1.8											1.8	2.0
NE		.9										.9	6.0
ENE	.9	2.8	.9									4.6	5.0
E	.9	.9	.9									2.8	4.7
ESE		1.8	2.8									4.6	7.0
SE	1.8	1.8	.9									4.6	4.8
SSE	.9	.9										1.8	3.5
S		3.7	1.8									5.5	5.7
SSW													
SW	.9											.9	3.0
WSW		.9										.9	4.0
W	.9	.9										1.8	4.0
WNW	.9	.9	.9									2.8	5.3
NW	1.8	1.8		1.8								5.5	7.7
NNW	1.8	7.3	.9									10.1	4.2
VARBL													
CALM												46.8	
	14.7	27.5	9.2	1.8								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 109

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		4.3	4.3									8.7	7.0
NNE													
NE		4.3										4.3	6.0
ENE	8.7											8.7	2.5
E	4.3	4.3										8.7	3.5
ESE			17.4									17.4	9.5
SE			4.3									4.3	8.0
SSE			4.3									4.3	8.0
S		4.3										4.3	4.0
SSW													
SW													
WSW													
W													
WNW													
NW		4.3										4.3	4.0
NNW													
VARBL													
CALM												34.8	
	13.0	21.7	30.4									100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 23

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

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FT POLK AAF LOUISIANA (STATION NAME) 71 (YEARS) NOV (MONTH)

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

(CONDITION)

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

TOTAL NUMBER OF OBSERVATIONS 1

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)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	3.1	3.8									9.2	5.7
NNE	1.3	1.5	.5									3.3	4.1
NE	2.3	1.0										3.8	2.9
ENE	2.5	1.3	.3									4.1	3.3
E	4.6	4.8	.3									9.7	3.7
ESE	3.6	5.1	1.0	.3								9.9	4.6
SE	.5	2.5	2.3	.5	.5							6.6	7.4
SSE	.3	1.0	2.8	1.0								5.1	8.4
S	1.0	2.3	.5	.5								4.3	5.9
SSW	2.0	1.3	.3									3.6	3.9
SW													
WSW													
W	.5	.5	.5									1.5	5.0
WNW	.3	1.5	1.0	.3								3.1	6.4
NW	.8	2.8	2.0	.3								5.9	6.3
NNW	1.0	3.1	3.8	.8								8.7	6.7
VARBL													
CALM												21.4	
	23.7	31.8	19.1	3.6	.5							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 393

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)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.8	3.1	.6								8.4	5.3
NNE	1.5	2.8	1.0									5.3	4.5
NE	1.2	2.6	.3									4.1	4.3
ENE	1.2	2.3	.7									4.1	4.5
E	2.0	4.5	2.1									8.6	5.0
ESE	.7	4.1	2.1	.5								7.4	6.5
SE	.2	1.7	4.3	2.1	.2							8.4	9.0
SSE	.5	1.5	3.8	1.7								7.4	9.8
S	2.5	2.5	3.3	2.1	.2							10.6	7.3
SSW	1.7	1.2	1.6	.5								4.3	5.5
SW	.3	.7	1.0	.2								2.1	6.8
WSW	.3	.8	.3									1.5	5.0
W	.5	1.2	1.0	.2								2.8	6.2
WNW	.8	1.0	1.5	.8	.3							4.5	8.3
NW	.8	.7	2.1	1.5	.3							5.5	9.3
NNW	.5	1.7	5.3	1.2	.2							8.8	8.4
VARBL													
CALM												6.1	
	16.2	31.9	33.1	11.6	1.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 605

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	1.7	3.0	3.0	.3								8.0	5.9
NNE	1.7	2.3	1.3									5.3	4.7
NE	2.0	2.7										4.7	3.6
ENE	1.3	.7	.3									2.3	3.8
E	1.3	3.0	1.2									5.5	5.0
ESE	.7	2.2	1.2									4.0	5.5
SE	.8	2.0	.8	.7	.2							4.5	7.2
SSE	.3	1.8	2.2	2.7	.8	.2						8.0	10.2
S	1.7	2.5	4.5	2.3	.2							11.1	8.2
SSW	.3	1.5	2.0	1.3								5.6	7.7
SW	.3	1.3	.8									2.7	5.6
WSW	.5	1.3	1.7	.8								4.3	7.3
W	.8	1.7	1.2	.3								4.0	6.1
WNW	1.5	1.2	2.8	1.2	.5							7.1	8.4
NW	.5	1.2	2.5	2.5	.7							7.6	10.5
NNW	2.2	2.3	2.8	3.2								10.5	7.8
VARBL													
CALM												4.8	
	18.3	30.6	28.2	15.6	2.3	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 602

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	3.5	3.3									10.4	5.1
NNE	3.1	2.4	.9									6.4	3.8
NE	.9	1.6	.2									2.7	4.2
ENE	2.4	.9										3.1	2.6
E	1.6	1.0	.4									3.6	4.3
ESE	.9	1.8	.7									3.3	4.8
SE	.7	1.1	1.0	.7	.7							4.7	8.7
SSE	.9	1.8	2.7	2.0	.2							7.6	8.2
S	1.6	4.4	4.4	2.0	.2							12.7	7.6
SSW	.7	1.3	1.1	.4								3.6	6.9
SW	1.1	1.6	.7									3.3	4.6
WSW	.9	1.3	.4	.2								2.9	5.1
W	.2	.9	1.3	.9								3.3	8.0
WNW		.7	2.0	.9								3.6	9.3
NW	.4	1.3	3.1	2.7	.7							8.2	10.4
NNW	1.1	3.8	4.0	1.3								10.2	7.2
VARBL													
CALM												10.4	
	19.8	30.0	26.9	11.1	1.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 450

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.7	1.8									6.2	4.9
NNE	.9											.9	3.0
NE		.9										.9	6.0
ENE	2.7											2.7	2.3
E		.9	1.8	.9								3.5	8.5
ESE	.9											.9	3.0
SE		1.8										1.8	6.0
SSE		5.3	3.5									8.8	6.9
S	3.5	1.8	1.8									7.1	4.5
SSW													
SW													
WSW													
W	.9	.9	1.8									3.5	6.3
WNW	.9	2.7		.9								4.4	6.4
NW		4.4	.9									5.3	5.2
NNW	.9	5.3	1.8									8.0	5.6
VARBL													
CALM												46.0	
	12.4	26.5	12.3	1.8								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 113

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)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (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	3.2	1.6										4.8	3.0
NNE		4.8										4.8	5.0
NE	1.6	1.6										3.2	3.5
ENE													
E	3.2	3.2	3.2									9.5	5.3
ESE			4.8									4.8	9.7
SE													
SSE		1.6	1.6									3.2	7.0
S		0.3	4.8									11.1	6.3
SSW													
SW													
WSW													
W													
WNW			3.2	1.6								4.8	11.7
NW		1.6										1.6	5.0
NNW		6.3	3.2									9.5	6.2
VARBL													
CALM												42.9	
	7.7	27.0	20.6	1.6								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 63

USAFETAC FORM JUL 64 0-6-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 70-72 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	100.0	
												100.0	.0

TOTAL NUMBER OF OBSERVATIONS 3

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)

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	2.2	3.6	.5									6.3	4.2
NNE	1.5	1.2										2.7	3.0
NE	1.9	3.2										5.1	3.6
ENE	2.7	1.5										4.1	3.2
E	1.7	4.6	2.4	.2								7.0	5.6
ESE	4.4	3.9	1.9	1.0								11.2	5.2
SE	2.7	2.4	2.2	1.2								8.5	5.9
SSE	.2	.7	2.4	1.0	.2							4.6	9.3
S	2.2	2.9	1.7	.2								7.0	5.3
SSW	.5	1.5										1.9	4.1
SW	.5	.7	.2									1.5	4.5
WSW	1.2	.2	.5									1.9	4.0
W	1.0	1.7	.7									3.4	4.8
WNW	.7	.2	1.2	.5								2.7	6.9
NW	.2	.5	3.4	1.5	.5							6.1	10.0
NNW	.5	1.9	1.5	1.5								5.3	8.0
VARBL													
CALM												18.7	
	24.0	30.8	18.7	7.0	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 412

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-74 (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	1.7	3.0	2.7									7.5	5.7
NNE	2.2	1.7	.6									4.6	4.0
NE	1.3	1.7										3.0	3.3
ENE	.5	3.3		.2								4.0	5.3
E	1.4	3.7	1.7									6.8	5.4
ESE	1.4	4.0	4.5	1.0								10.8	6.7
SE	2.2	3.0	3.0	2.2								10.5	7.3
SSE	1.0	2.4	3.3	2.2	.3							9.2	8.5
S	.8	3.3	3.5	1.0								8.6	7.0
SSW	.3	2.1	1.0	.3								3.7	6.5
SW	.6	.8	.6									2.2	5.3
WSW	.2	.6	.8									1.6	6.4
W	.5	2.5	1.6	.8								5.4	6.9
WNW	.2	1.0	1.3	1.0		.2						3.5	9.3
NW	.5	1.0	2.1	2.2	.3							6.0	9.8
NNW	.5	1.4	3.5	1.1	.2							6.7	8.3
VARBL													
CALM												5.9	
	15.3	35.6	30.4	11.9	.8	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 629

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	2.0	1.7	2.2	.8								6.7	6.2
NNE	1.2	1.5	.5									3.2	4.4
NE	.7	1.3	.2									2.2	3.8
ENE	1.5	1.0	.7									3.2	4.4
E	1.2	2.7	.3									4.2	4.7
ESE	.3	1.5	1.7	.5								4.0	7.0
SE	1.2	1.5	3.0	1.7	.3	.2						7.9	9.0
SSE	1.5	2.7	2.7	3.4	.5							10.7	8.9
S	2.0	3.5	4.2	5.5								15.3	8.5
SSW	.7	1.5	2.7	1.6								6.7	8.0
SW	.3	.8	1.2	.3								2.7	7.0
WSW	.3	.8	1.7	.2								3.0	7.0
W	1.0	2.2	1.8	.2								5.2	6.1
WNW	1.0	2.3	2.0	.8	.2	.2						6.5	7.5
NW	.3	1.3	2.3	1.7		.3	.2					6.2	10.4
NNW	.5	2.3	3.9	1.8	.2							8.7	8.5
VARBL													
CALM												3.5	
	15.8	28.9	31.0	18.8	1.2	.7	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 596

DATA PROCESSING AGENCY
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.5	2.9									6.2	5.6
NNE	2.1	.8	.3									3.1	3.3
NE	1.3	1.3	.5									3.1	4.3
ENE	.5	1.3										1.8	4.3
E	2.1	2.1	.5	.3								4.9	4.3
ESE	.8	2.3	.8	.3								4.1	5.1
SE	1.0	2.6	2.3	1.8	.3							8.0	8.3
SSE	1.5	2.6	3.1	2.1	.8							10.0	8.3
S	1.5	3.6	6.4	4.1								15.7	8.4
SSW	.5	1.8	.8	.8								3.9	7.0
SW	.3	1.0	.5									1.8	5.1
WSW	.5	.8	1.0	.5								2.8	7.7
W	1.3	1.8	2.3	.5								5.9	6.3
WNW	.8	1.5	2.8	.3		.5						5.9	8.5
NW	1.0	1.3	2.1	1.8	.3							6.4	8.4
NNW	1.3	2.1	3.9	1.8								9.0	7.8
VARBL													
CALM												7.5	
	18.5	28.3	29.8	14.1	1.3	.5						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 389

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (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	3.2	2.1	1.1									6.3	4.5
NNE	3.2	1.1										4.2	2.8
NE	2.1											2.1	2.5
ENE	1.1	2.1										3.2	4.0
E	1.1											1.1	2.0
ESE		1.1	1.1		1.1							3.2	10.3
SE	2.1	4.2	3.2									9.5	5.6
SSE		3.2	2.1	2.1	1.1							8.4	10.9
S	2.1	3.2	3.2									8.4	6.3
SSW													
SW													
WSW		1.1										1.1	4.0
W		2.1	1.1	1.1								4.2	8.5
WNW		4.2	1.1	1.1								6.3	6.8
NW		4.2	1.1									5.3	5.2
NNW	4.2	3.2	2.1									9.5	4.8
VARBL													
CALM												27.4	
	18.9	31.6	15.8	4.2	2.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 95

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (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		7.4										7.4	4.0
NNE	7.4	3.7	3.7									14.8	3.8
NE		7.4										7.4	4.5
ENE													
E		3.7										3.7	5.0
ESE			3.7									3.7	8.0
SE			7.4									7.4	9.5
SSE	3.7		7.4									11.1	6.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW			3.7									3.7	10.0
NNW		3.7	7.4									11.1	7.3
VARBL													
CALM												29.6	
	11.1	25.9	33.3									100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 27

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03921 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) ALL (MONTH)

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

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.2	1.3	.3								7.0	5.1
NNE	2.1	2.2	.6	.0								5.0	4.2
NE	1.3	1.4	.4									3.1	4.2
ENE	1.6	1.7	.6	.1								4.0	4.4
E	2.9	3.0	1.7	.4	.0							8.0	5.1
ESE	1.8	2.6	2.2	.7								7.3	6.1
SE	1.1	2.4	2.9	1.0	.1	.0						7.6	7.3
SSE	.8	2.2	4.0	2.3	.4	.0						9.7	8.8
S	1.2	3.5	4.7	2.8	.3	.0						12.6	8.3
SSW	.7	1.6	1.8	.3								4.4	6.6
SW	.4	.5	.5	.0								1.4	5.7
WSW	.2	.7	.6	.1								1.7	6.2
W	.5	1.4	.8	.2	.0							3.0	6.1
WNW	.4	.8	1.3	.8	.1							3.4	8.4
NW	.3	.8	1.6	1.3	.4		.0					4.4	10.0
NNW	.7	1.8	2.4	.8	.2	.0						5.8	7.6
VARBL													
CALM												11.7	
	18.1	30.1	27.4	11.0	1.6	.1	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 4379

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%.

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.

S74 29984

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) ALL (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	≥1 ½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	.1	45.2	47.6	48.7	49.6	49.8	50.3	50.5	50.6	50.7	50.8	50.9	50.9	50.9	51.0	51.1
≥ 20000	.1	50.6	53.4	54.6	55.6	55.9	56.3	56.6	56.7	56.8	56.9	56.9	57.0	57.0	57.1	57.3
≥ 18000	.1	50.7	53.5	54.7	55.7	56.0	56.4	56.8	56.8	56.9	57.0	57.0	57.1	57.2	57.2	57.4
≥ 16000	.1	50.7	53.5	54.7	55.7	56.0	56.4	56.8	56.8	56.9	57.0	57.0	57.1	57.2	57.3	57.4
≥ 14000	.1	51.0	53.8	55.1	56.1	56.4	56.8	57.2	57.2	57.4	57.4	57.4	57.6	57.6	57.7	57.8
≥ 12000	.1	52.2	55.1	56.4	57.5	57.8	58.2	58.6	58.7	58.8	58.9	58.9	59.0	59.0	59.1	59.3
≥ 10000	.1	55.1	58.2	59.7	60.8	61.1	61.6	62.0	62.1	62.2	62.3	62.3	62.4	62.5	62.6	62.7
≥ 9000	.1	55.7	58.8	60.3	61.4	61.8	62.3	62.7	62.7	62.9	63.0	63.0	63.1	63.1	63.2	63.4
≥ 8000	.1	57.5	60.6	62.4	63.6	63.9	64.5	64.9	65.0	65.1	65.2	65.2	65.3	65.4	65.5	65.6
≥ 7000	.1	58.3	61.7	63.4	64.6	64.9	65.4	65.9	65.9	66.1	66.2	66.2	66.3	66.4	66.4	66.6
≥ 6000	.1	59.1	62.5	64.3	65.5	65.8	66.4	66.8	66.9	67.0	67.1	67.1	67.2	67.3	67.4	67.6
≥ 5000	.1	59.9	63.5	65.3	66.5	66.9	67.5	67.9	68.0	68.1	68.2	68.2	68.4	68.4	68.5	68.6
≥ 4500	.1	60.3	63.9	65.7	67.0	67.3	67.9	68.4	68.4	68.6	68.7	68.7	68.8	68.9	68.9	69.1
≥ 4000	.1	61.6	65.4	67.2	68.5	68.9	69.5	70.0	70.1	70.2	70.3	70.3	70.4	70.5	70.6	70.7
≥ 3500	.1	62.9	66.8	68.6	70.0	70.4	71.0	71.5	71.6	71.7	71.8	71.9	72.0	72.0	72.1	72.3
≥ 3000	.1	65.6	69.7	71.6	73.1	73.5	74.2	74.7	74.8	74.9	75.0	75.0	75.2	75.2	75.3	75.5
≥ 2500	.1	68.0	72.3	74.3	75.8	76.2	77.0	77.5	77.6	77.7	77.8	77.8	78.0	78.0	78.1	78.3
≥ 2000	.1	70.2	74.8	76.9	78.5	79.0	79.8	80.3	80.4	80.6	80.7	80.7	80.8	80.9	81.0	81.2
≥ 1800	.1	70.7	75.3	77.5	79.1	79.6	80.4	80.9	81.0	81.2	81.3	81.3	81.5	81.5	81.6	81.8
≥ 1500	.1	72.5	77.4	79.7	81.5	81.9	82.8	83.4	83.5	83.7	83.8	83.8	83.9	84.0	84.1	84.3
≥ 1200	.1	73.9	79.2	81.6	83.5	84.0	84.9	85.5	85.6	85.8	86.0	86.0	86.1	86.2	86.3	86.4
≥ 1000	.1	74.8	80.5	83.0	85.1	85.7	86.6	87.3	87.4	87.7	87.8	87.9	88.0	88.0	88.1	88.3
≥ 900	.1	75.3	81.1	83.7	85.9	86.5	87.4	88.1	88.3	88.5	88.6	88.6	88.8	88.9	89.0	89.1
≥ 800	.1	75.9	81.9	84.7	87.0	87.7	88.8	89.5	89.7	89.9	90.1	90.1	90.2	90.3	90.4	90.6
≥ 700	.1	76.5	82.8	85.7	88.3	89.1	90.3	91.1	91.2	91.5	91.7	91.7	91.8	91.9	92.0	92.2
≥ 600	.1	76.8	83.3	86.5	89.3	90.1	91.5	92.4	92.6	93.0	93.1	93.1	93.3	93.3	93.5	93.6
≥ 500	.1	77.1	83.8	87.2	90.3	91.2	92.9	94.1	94.3	94.8	95.0	95.0	95.2	95.3	95.4	95.6
≥ 400	.1	77.3	84.1	87.5	90.8	92.0	94.0	95.4	95.8	96.4	96.7	96.7	97.0	97.1	97.3	97.4
≥ 300	.1	77.3	84.1	87.6	91.0	92.2	94.3	95.9	96.4	97.2	97.6	97.7	98.0	98.2	98.5	98.7
≥ 200	.1	77.3	84.1	87.6	91.0	92.2	94.3	96.0	96.5	97.4	97.9	97.9	98.4	98.6	99.0	99.4
≥ 100	.1	77.3	84.1	87.6	91.0	92.2	94.3	96.0	96.5	97.4	97.9	98.0	98.5	98.8	99.3	99.8
0	.1	77.3	84.1	87.6	91.0	92.2	94.3	96.0	96.5	97.4	97.9	98.0	98.5	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 25896

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	.0	34.0	35.0	35.1	35.5	35.6	35.7	35.8	35.8	35.9	35.9	35.9	35.9	35.9	36.0	36.1
≥ 20000	.1	37.5	39.6	39.9	40.4	40.5	40.6	40.7	40.7	40.8	40.9	40.9	41.0	41.0	41.1	41.2
≥ 18000	.0	38.5	39.7	40.0	40.4	40.5	40.7	40.8	40.8	40.8	41.0	41.0	41.0	41.0	41.1	41.2
≥ 16000	.0	38.5	39.7	40.0	40.4	40.5	40.7	40.8	40.8	40.8	41.0	41.0	41.0	41.0	41.1	41.2
≥ 14000	.0	38.8	40.0	40.3	40.8	40.9	41.0	41.2	41.2	41.2	41.3	41.3	41.4	41.4	41.5	41.6
≥ 12000	.0	39.1	40.2	40.6	41.1	41.2	41.3	41.4	41.4	41.5	41.6	41.6	41.7	41.7	41.8	41.8
≥ 10000	.0	40.9	42.0	42.7	43.2	43.3	43.4	43.6	43.6	43.6	43.8	43.8	43.8	43.8	43.9	44.0
≥ 9000	.0	42.0	43.2	43.8	44.4	44.5	44.6	44.7	44.7	44.8	44.9	44.9	45.0	45.0	45.1	45.1
≥ 8000	.0	43.4	44.6	45.3	46.0	46.1	46.2	46.3	46.3	46.4	46.5	46.5	46.6	46.6	46.7	46.7
≥ 7000	.0	44.6	45.9	46.6	47.3	47.4	47.5	47.7	47.7	47.7	47.8	47.8	47.9	47.9	48.0	48.1
≥ 6000	.0	45.8	47.2	47.9	48.5	48.8	48.9	49.0	49.0	49.1	49.2	49.2	49.3	49.3	49.4	49.5
≥ 5000	.0	47.5	48.9	49.7	50.4	50.6	50.8	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.3	51.4
≥ 4500	.0	47.8	49.3	50.1	50.9	51.1	51.3	51.5	51.5	51.6	51.7	51.7	51.7	51.7	51.8	51.9
≥ 4000	.0	49.0	50.6	51.5	52.3	52.7	53.0	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.6	53.7
≥ 3500	.0	50.2	51.8	52.7	53.6	53.9	54.3	54.5	54.6	54.7	54.8	54.8	54.9	54.9	55.0	55.1
≥ 3000	.0	52.4	54.3	55.2	56.1	56.5	56.9	57.1	57.2	57.2	57.4	57.4	57.4	57.4	57.6	57.7
≥ 2500	.0	55.1	56.9	57.9	58.9	59.3	59.8	60.0	60.1	60.1	60.3	60.3	60.3	60.3	60.5	60.6
≥ 2000	.0	57.5	59.7	60.8	61.9	62.3	62.7	63.0	63.1	63.1	63.2	63.2	63.3	63.3	63.5	63.6
≥ 1800	.0	58.1	60.2	61.3	62.5	62.9	63.3	63.5	63.6	63.7	63.8	63.8	63.8	63.8	64.1	64.2
≥ 1500	.0	60.7	63.4	64.6	65.9	66.4	66.8	67.0	67.1	67.2	67.3	67.3	67.4	67.4	67.6	67.7
≥ 1200	.0	62.9	65.8	67.1	68.5	69.0	69.4	69.8	69.9	69.9	70.1	70.1	70.2	70.2	70.4	70.5
≥ 1000	.0	64.4	67.8	69.4	71.0	71.5	72.0	72.6	72.7	72.8	73.0	73.0	73.0	73.0	73.2	73.3
≥ 900	.0	65.0	68.7	70.3	72.0	72.5	73.1	73.7	73.8	73.8	74.0	74.0	74.1	74.1	74.3	74.4
≥ 800	.0	65.7	69.5	71.4	73.4	74.2	74.8	75.4	75.5	75.6	75.8	75.9	75.8	75.8	76.0	76.1
≥ 700	.0	67.3	71.6	74.1	76.3	77.1	77.9	78.5	78.6	78.6	78.8	78.8	78.9	78.9	79.1	79.2
≥ 600	.0	68.0	72.9	76.0	79.0	80.1	81.4	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.8	82.9
≥ 500	.0	68.7	74.0	77.8	81.5	82.8	84.6	85.8	86.2	86.7	86.9	86.9	87.0	87.1	87.3	87.4
≥ 400	.0	69.0	74.6	78.7	83.0	84.7	87.6	89.2	89.7	90.7	91.1	91.1	91.2	91.3	91.6	91.7
≥ 300	.0	69.1	74.8	79.0	83.5	85.2	88.6	90.8	91.9	93.6	94.1	94.1	94.4	94.7	95.2	95.3
≥ 200	.0	69.1	74.8	79.1	83.6	85.3	88.7	91.2	92.4	94.2	95.0	95.1	95.8	96.2	96.8	97.8
≥ 100	.0	69.1	74.8	79.1	83.6	85.3	88.7	91.2	92.5	94.2	95.1	95.2	96.1	96.9	98.2	99.7
0	.0	69.1	74.8	79.1	83.6	85.3	88.7	91.2	92.5	94.2	95.1	95.2	96.1	96.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2182

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) FEB (MONTH)

ALL (HOURS (E.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.8	45.7	47.1	47.7	48.0	48.1	48.3	48.4	48.5	48.7	48.7	48.7	48.7	48.7	48.8	49.1
≥ 20000	.8	50.3	52.1	52.7	53.1	53.2	53.3	53.5	53.7	53.8	53.9	53.9	53.9	53.9	54.0	54.3
≥ 18000	.8	50.3	52.1	52.7	53.1	53.2	53.4	53.6	53.8	53.9	54.0	54.0	54.0	54.0	54.1	54.5
≥ 16000	.8	50.3	52.1	52.7	53.1	53.2	53.4	53.6	53.8	53.9	54.0	54.0	54.0	54.0	54.1	54.5
≥ 14000	.8	50.7	52.5	53.1	53.6	53.7	53.9	54.1	54.2	54.4	54.5	54.5	54.5	54.5	54.6	54.9
≥ 12000	.8	52.3	54.2	54.8	55.3	55.4	55.6	55.8	55.9	56.1	56.2	56.2	56.2	56.2	56.3	56.6
≥ 10000	.8	54.3	56.2	56.8	57.3	57.4	57.7	57.8	58.0	58.2	58.3	58.3	58.3	58.3	58.4	58.7
≥ 9000	.8	54.7	56.6	57.2	57.7	57.8	58.1	58.3	58.4	58.6	58.7	58.7	58.7	58.7	58.9	59.2
≥ 8000	.8	56.8	59.0	59.7	60.3	60.4	60.7	60.9	61.0	61.2	61.3	61.3	61.3	61.3	61.5	61.8
≥ 7000	.8	58.3	60.4	61.1	61.8	61.9	62.2	62.4	62.5	62.7	62.8	62.8	62.8	62.8	62.9	63.3
≥ 6000	.8	59.5	61.9	62.7	63.4	63.5	63.8	63.9	64.1	64.3	64.4	64.4	64.4	64.4	64.5	64.8
≥ 5000	.8	60.1	62.7	63.5	64.2	64.3	64.6	64.7	64.9	65.1	65.2	65.2	65.2	65.2	65.3	65.6
≥ 4500	.8	61.1	63.7	64.4	65.2	65.3	65.5	65.7	65.9	66.1	66.1	66.1	66.2	66.2	66.3	66.6
≥ 4000	.8	62.9	65.7	66.4	67.2	67.3	67.6	67.7	67.9	68.1	68.2	68.2	68.2	68.2	68.3	68.7
≥ 3500	.8	64.6	67.6	68.4	69.1	69.2	69.5	69.7	69.8	70.1	70.1	70.1	70.2	70.2	70.3	70.6
≥ 3000	.8	67.0	70.0	70.9	71.6	71.7	72.0	72.3	72.4	72.7	72.7	72.7	72.8	72.8	72.9	73.2
≥ 2500	.8	69.0	72.4	73.4	74.2	74.3	74.6	75.0	75.1	75.5	75.5	75.5	75.6	75.6	75.8	76.1
≥ 2000	.8	71.5	75.4	76.5	77.4	77.5	77.8	78.2	78.4	78.7	78.7	78.7	78.8	78.8	79.0	79.3
≥ 1800	.8	72.2	76.2	77.3	78.2	78.3	78.6	79.0	79.2	79.5	79.5	79.5	79.6	79.6	79.8	80.1
≥ 1500	.8	74.5	79.2	80.3	81.3	81.4	81.9	82.3	82.5	82.9	82.9	82.9	83.0	83.0	83.2	83.5
≥ 1200	.8	75.8	80.8	82.2	83.4	83.6	84.3	84.8	84.9	85.4	85.4	85.4	85.5	85.5	85.7	86.0
≥ 1000	.8	76.8	82.2	83.6	84.9	85.0	85.8	86.3	86.5	86.9	87.0	87.0	87.1	87.1	87.3	87.6
≥ 900	.8	77.3	82.7	84.1	85.5	85.6	86.4	86.9	87.1	87.5	87.5	87.5	87.7	87.7	87.9	88.2
≥ 800	.8	78.0	83.8	85.4	86.9	87.1	87.8	88.3	88.5	88.9	89.0	89.0	89.1	89.1	89.3	89.6
≥ 700	.8	78.6	84.8	86.7	88.3	88.7	89.4	90.1	90.3	90.7	90.8	90.8	90.9	90.9	91.1	91.4
≥ 600	.8	79.2	85.6	87.6	89.3	89.8	90.8	91.6	91.7	92.3	92.5	92.5	92.6	92.6	92.8	93.1
≥ 500	.8	79.6	86.3	88.3	90.1	90.7	91.9	92.6	92.8	93.5	93.6	93.6	93.8	93.8	94.0	94.3
≥ 400	.8	79.7	86.5	88.5	90.8	91.6	93.1	94.3	94.7	95.5	95.9	95.9	96.1	96.1	96.3	96.6
≥ 300	.8	79.8	86.6	88.7	91.3	92.4	94.1	95.6	96.1	97.1	97.7	97.7	98.0	98.0	98.3	98.7
≥ 200	.8	79.8	86.6	88.7	91.3	92.4	94.1	95.9	96.4	97.5	98.1	98.1	98.5	98.5	98.8	99.4
≥ 100	.8	79.8	86.6	88.7	91.4	92.5	94.2	96.0	96.6	97.6	98.3	98.4	98.7	98.8	99.2	99.8
≥ 0	.8	79.8	86.6	88.7	91.4	92.5	94.2	96.0	96.6	97.6	98.3	98.4	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS . . . 1886

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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 ≥ 20000		39.0 43.5	39.6 44.3	40.0 44.8	40.1 44.9	40.1 45.0	40.1 45.0	40.3 45.2	40.3 45.2	40.3 45.2	40.3 45.2	40.3 45.2	40.4 45.3	40.5 45.4	40.6 45.5	40.8 45.6
≥ 18000 ≥ 16000		43.5 43.5	44.3 44.3	44.9 44.9	45.0 45.0	45.0 45.0	45.1 45.1	45.3 45.3	45.3 45.3	45.3 45.3	45.3 45.3	45.3 45.3	45.4 45.4	45.5 45.5	45.6 45.6	45.9 45.9
≥ 14000 ≥ 12000		43.6 44.6	44.5 45.5	45.0 46.1	45.2 46.2	45.3 46.3	45.3 46.3	45.5 46.5	45.5 46.5	45.5 46.5	45.5 46.6	45.5 46.6	45.6 46.7	45.7 46.7	45.8 46.8	46.1 47.2
≥ 10000 ≥ 9000		46.4 46.7	47.3 47.7	47.9 48.3	48.2 48.5	48.2 48.5	48.3 48.6	48.5 48.9	48.5 48.8	48.5 48.8	48.5 48.8	48.5 48.8	48.6 48.9	48.7 49.0	48.8 49.1	49.1 49.4
≥ 8000 ≥ 7000		48.5 49.5	49.7 50.7	50.3 51.5	50.6 51.9	50.7 51.9	50.7 52.0	50.9 52.1	50.9 52.1	50.9 52.1	50.9 52.2	50.9 52.2	51.0 52.3	51.1 52.4	51.2 52.5	51.5 52.8
≥ 6000 ≥ 5000		50.4 51.5	51.6 52.8	52.2 53.5	52.7 53.9	52.8 54.0	52.8 54.0	53.0 54.2	53.0 54.2	53.0 54.2	53.1 54.3	53.1 54.3	53.2 54.4	53.3 54.5	53.3 54.5	53.7 54.9
≥ 4500 ≥ 4000		51.8 53.8	53.1 55.2	53.9 56.0	54.3 56.4	54.3 56.4	54.4 56.5	54.5 56.7	54.5 56.7	54.5 56.7	54.6 56.7	54.6 56.7	54.7 56.8	54.8 56.9	54.9 57.0	55.2 57.3
≥ 3500 ≥ 3000		55.1 58.9	56.5 60.6	57.3 61.4	57.8 61.9	57.8 62.0	57.9 62.0	58.1 62.3	58.1 62.3	58.1 62.3	58.1 62.3	58.1 62.3	58.2 62.4	58.3 62.5	58.4 62.6	58.7 62.9
≥ 2500 ≥ 2000		63.0 66.4	64.9 68.7	65.7 69.5	66.2 70.1	66.3 70.2	66.3 70.2	66.6 70.5	66.6 70.5	66.6 70.6	66.6 70.6	66.6 70.6	66.7 70.7	66.8 70.8	66.9 70.9	67.2 71.2
≥ 1800 ≥ 1500		67.4 70.8	69.8 73.5	70.7 74.5	71.3 75.2	71.4 75.4	71.5 75.5	71.8 75.8	71.8 75.8	71.8 75.9	71.9 75.9	71.9 75.9	71.9 76.0	72.0 76.1	72.1 76.2	72.5 76.5
≥ 1200 ≥ 1000		74.3 76.1	77.7 80.2	79.0 81.7	79.9 83.0	80.1 83.3	80.4 83.6	80.7 84.0	80.8 84.1	80.9 84.4	80.9 84.4	80.9 84.4	81.0 84.5	81.1 84.6	81.2 84.7	81.5 85.0
≥ 900 ≥ 800	.0 .0	77.0 77.7	81.3 82.6	82.8 84.1	84.2 85.6	84.5 86.0	84.9 86.3	85.3 86.7	85.4 86.8	85.6 87.1	85.7 87.1	85.7 87.2	85.8 87.3	85.9 87.4	86.0 87.5	86.3 87.8
≥ 700 ≥ 600	.0 .0	78.7 78.9	84.0 84.4	85.8 86.3	87.5 88.2	87.9 88.8	88.5 89.5	89.0 90.2	89.2 90.4	89.5 90.8	89.5 90.9	89.6 90.9	89.7 91.0	89.8 91.2	89.9 91.3	90.3 91.6
≥ 500 ≥ 400	.0 .0	79.1 79.1	84.9 85.2	86.9 87.2	89.3 90.0	90.2 91.1	91.4 92.0	92.2 94.2	92.5 94.5	93.1 95.5	93.1 95.6	93.2 95.7	93.3 95.8	93.4 96.0	93.6 96.1	93.9 96.5
≥ 300 ≥ 200	.0 .0	79.1 79.1	85.3 85.3	87.4 87.4	90.4 90.4	91.5 91.5	93.6 93.6	95.0 95.2	95.5 95.8	96.6 97.0	96.9 97.4	97.0 97.5	97.1 97.9	97.4 98.3	97.7 98.9	98.2 99.4
≥ 100 ≥ 0	.0 .0	79.1 79.1	85.3 85.3	87.4 87.4	90.4 90.4	91.5 91.5	93.6 93.6	95.2 95.2	95.8 95.8	97.1 97.1	97.6 97.6	97.6 97.6	98.2 98.2	98.6 98.6	99.2 99.2	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2167

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	.0	41.6	42.2	42.4	42.4	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000	.0	46.5	47.8	48.0	48.0	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	.0	46.5	47.8	48.0	48.0	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 16000	.0	46.5	47.8	48.0	48.0	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 14000	.0	47.2	48.4	48.7	48.7	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 12000	.0	47.4	48.6	48.9	48.9	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 10000	.0	49.7	51.1	51.3	51.3	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 9000	.0	50.0	51.5	51.7	51.7	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 8000	.0	52.3	53.9	54.2	54.2	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 7000	.0	53.1	54.8	55.2	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 6000	.0	54.3	56.2	56.6	56.6	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 5000	.0	55.1	57.0	57.5	57.5	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 4500	.0	55.4	57.3	57.8	57.9	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 4000	.0	57.0	58.9	59.5	59.5	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 3500	.0	58.7	60.7	61.2	61.3	61.5	61.8	61.9	61.9	61.9	61.9	61.9	.9	61.9	61.9	61.9
≥ 3000	.0	62.3	64.4	65.0	65.1	65.4	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1
≥ 2500	.0	66.5	68.9	69.5	70.0	70.2	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0
≥ 2000	.0	70.1	73.1	73.9	74.6	75.0	75.4	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1800	.0	71.0	74.1	74.9	75.6	76.0	76.4	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1500	.1	74.3	77.8	78.6	79.3	79.6	80.2	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 1200	.1	76.5	80.5	81.8	82.9	83.3	84.1	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1000	.1	77.9	82.4	84.0	85.7	86.1	86.9	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 900	.1	78.6	83.3	84.9	86.8	87.3	88.1	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 800	.1	79.1	83.9	85.7	87.9	88.5	89.5	90.1	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	.1	79.7	84.8	86.9	89.4	90.0	91.2	91.9	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.4
≥ 600	.1	79.9	85.1	87.5	90.3	90.9	92.3	93.2	93.3	93.6	93.7	93.7	93.7	93.7	93.8	93.8
≥ 500	.1	80.0	85.2	88.0	90.9	91.9	93.7	94.9	95.1	95.5	95.7	95.7	95.9	95.9	95.9	96.0
≥ 400	.1	80.2	85.6	88.4	91.4	92.7	94.9	96.6	96.9	97.6	97.7	97.8	98.1	98.1	98.1	98.2
≥ 300	.1	80.2	85.6	88.4	91.5	92.7	95.0	96.6	97.0	97.8	98.2	98.3	98.7	98.7	98.9	98.9
≥ 200	.1	80.2	85.6	88.4	91.5	92.7	95.0	96.6	97.0	97.8	98.3	98.4	98.9	98.9	99.1	99.2
≥ 100	.1	80.2	85.6	88.4	91.5	92.7	95.0	96.6	97.0	97.8	98.3	98.4	98.9	99.0	99.4	99.7
0	.1	80.2	85.6	88.4	91.5	92.7	95.0	96.6	97.0	97.8	98.3	98.4	98.9	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS ... 2126

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) MAY (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		45.3	48.6	49.9	50.8	51.4	51.9	52.3	52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.7
≥ 20000		50.3	53.8	55.3	56.2	56.8	57.4	57.7	57.8	57.9	58.0	58.0	58.1	58.1	58.1	58.2
≥ 18000		50.3	53.9	55.3	56.2	56.9	57.4	57.8	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.3
≥ 16000		50.3	53.9	55.3	56.2	56.9	57.4	57.8	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.3
≥ 14000		50.6	54.2	55.6	56.6	57.2	57.8	58.1	58.2	58.4	58.5	58.5	58.5	58.6	58.6	58.7
≥ 12000		51.8	55.5	57.1	58.1	58.8	59.4	59.8	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.3
≥ 10000		54.1	58.3	59.9	60.9	61.7	62.3	62.8	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.3
≥ 9000		54.3	58.6	60.2	61.3	62.1	62.7	63.2	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.8
≥ 8000		56.3	60.8	62.5	63.6	64.4	65.0	65.5	65.6	65.7	65.8	65.8	65.9	65.9	65.9	66.1
≥ 7000		56.8	61.3	63.0	64.2	65.0	65.6	66.1	66.3	66.4	66.5	66.5	66.6	66.6	66.6	66.8
≥ 6000		57.3	61.8	63.5	64.7	65.5	66.2	66.7	66.9	67.0	67.1	67.1	67.2	67.2	67.2	67.4
≥ 5000		58.5	63.1	64.9	66.1	66.9	67.6	68.1	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.8
≥ 4500		58.8	63.4	65.3	66.5	67.3	68.0	68.5	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.2
≥ 4000		60.2	64.9	66.8	68.0	68.9	69.6	70.2	70.3	70.4	70.5	70.5	70.6	70.7	70.7	70.8
≥ 3500		62.5	67.5	69.3	70.6	71.5	72.2	72.8	72.9	73.0	73.1	73.1	73.2	73.3	73.3	73.4
≥ 3000		65.2	70.2	72.1	73.5	74.3	75.1	75.7	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.4
≥ 2500		69.3	74.7	76.8	78.2	79.3	80.1	80.7	80.9	81.1	81.3	81.3	81.3	81.4	81.4	81.5
≥ 2000		71.3	77.0	79.3	80.9	82.0	83.0	83.7	83.9	84.0	84.2	84.2	84.3	84.4	84.4	84.5
≥ 1800		72.1	77.9	80.1	81.9	83.0	83.9	84.6	84.8	85.0	85.2	85.2	85.3	85.3	85.3	85.5
≥ 1500		73.7	79.9	82.3	84.4	85.5	86.5	87.2	87.4	87.6	87.7	87.8	87.9	87.9	87.9	88.1
≥ 1200		74.5	80.9	83.5	85.9	87.1	88.0	88.8	89.0	89.1	89.3	89.4	89.5	89.5	89.5	89.7
≥ 1000		75.5	82.1	85.0	87.6	88.9	90.1	90.9	91.0	91.2	91.4	91.5	91.6	91.6	91.6	91.7
≥ 900		75.6	82.5	85.3	88.1	89.5	90.7	91.4	91.6	91.8	92.0	92.1	92.2	92.2	92.2	92.3
≥ 800		76.1	83.2	86.3	89.2	90.7	92.1	92.9	93.0	93.4	93.5	93.6	93.7	93.7	93.7	93.9
≥ 700		76.7	84.1	87.2	90.2	91.7	93.3	94.1	94.3	94.7	94.8	94.9	95.0	95.0	95.0	95.2
≥ 600		77.0	84.8	88.0	91.1	92.6	94.3	95.2	95.5	95.9	96.1	96.1	96.2	96.3	96.3	96.4
≥ 500		77.5	85.4	88.6	91.8	93.4	95.3	96.5	96.8	97.2	97.4	97.4	97.6	97.6	97.7	97.8
≥ 400		77.7	85.7	89.0	92.2	93.8	95.9	97.2	97.6	98.2	98.5	98.6	98.8	98.8	98.9	99.1
≥ 300		77.8	85.7	89.0	92.3	93.9	96.0	97.4	97.7	98.4	98.8	98.9	99.2	99.2	99.4	99.5
≥ 200		77.8	85.7	89.0	92.3	93.9	96.0	97.4	97.7	98.4	98.9	99.0	99.3	99.3	99.5	99.8
≥ 100		77.8	85.7	89.0	92.3	93.9	96.0	97.4	97.7	98.4	98.9	99.0	99.3	99.3	99.5	99.9
0		77.8	85.7	89.0	92.3	93.9	96.0	97.4	97.7	98.4	98.9	99.0	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2155

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	≥½	≥5/16	≥¼	≥0
NO CEILING		51.9	56.3	57.5	58.6	58.7	59.1	59.3	59.4	59.5	59.5	59.5	59.6	59.7	59.9	60.0
≥ 20000		58.8	63.4	64.9	66.2	66.3	66.7	66.9	67.1	67.2	67.2	67.2	67.3	67.4	67.7	67.7
≥ 18000		58.9	63.5	65.0	66.2	66.4	66.8	67.0	67.2	67.3	67.3	67.3	67.4	67.5	67.7	67.8
≥ 16000		58.9	63.5	65.0	66.2	66.4	66.8	67.0	67.2	67.3	67.3	67.3	67.4	67.5	67.8	67.8
≥ 14000		59.4	64.1	65.6	66.8	67.0	67.4	67.6	67.7	67.9	67.9	67.9	68.0	68.1	68.4	68.4
≥ 12000		60.6	65.4	67.1	68.3	68.5	68.9	69.2	69.4	69.6	69.6	69.6	69.7	69.8	70.1	70.1
≥ 10000		63.7	68.9	70.7	72.0	72.1	72.6	72.9	73.1	73.3	73.3	73.3	73.4	73.5	73.8	73.9
≥ 9000		64.1	69.4	71.3	72.6	72.7	73.2	73.5	73.7	73.9	73.9	73.9	74.0	74.1	74.4	74.5
≥ 8000		66.1	71.6	73.6	74.9	75.0	75.5	75.8	76.0	76.2	76.3	76.3	76.4	76.5	76.7	76.8
≥ 7000		66.6	72.2	74.2	75.5	75.6	76.1	76.4	76.6	76.8	76.9	76.9	77.0	77.1	77.3	77.4
≥ 6000		66.9	72.5	74.5	76.0	76.1	76.6	77.0	77.2	77.4	77.4	77.4	77.5	77.6	77.9	78.0
≥ 5000		67.3	73.0	75.0	76.6	76.7	77.2	77.6	77.8	78.0	78.1	78.1	78.1	78.2	78.5	78.6
≥ 4500		67.3	73.0	75.0	76.6	76.7	77.2	77.6	77.8	78.0	78.1	78.1	78.1	78.2	78.5	78.6
≥ 4000		69.3	75.1	77.1	78.6	78.8	79.3	79.7	79.9	80.2	80.2	80.2	80.3	80.4	80.7	80.7
≥ 3500		71.0	77.2	79.4	80.9	81.0	81.6	82.0	82.2	82.4	82.5	82.5	82.6	82.7	83.0	83.1
≥ 3000		73.9	80.3	82.5	84.1	84.2	84.9	85.3	85.5	85.7	85.8	85.8	85.9	85.9	86.3	86.4
≥ 2500		76.0	82.4	84.8	86.3	86.5	87.2	87.6	87.9	88.1	88.1	88.1	88.2	88.3	88.6	88.7
≥ 2000		77.3	83.8	86.2	88.0	88.1	89.0	89.4	89.6	89.9	90.0	90.0	90.1	90.1	90.5	90.6
≥ 1800		77.6	84.2	86.6	88.4	88.5	89.4	89.8	90.1	90.3	90.4	90.4	90.5	90.6	90.9	91.0
≥ 1500		78.8	85.6	88.0	89.8	89.9	90.8	91.2	91.5	91.8	91.8	91.8	91.9	92.0	92.3	92.4
≥ 1200		79.3	86.4	88.9	90.6	90.8	91.7	92.2	92.4	92.7	92.7	92.7	92.8	92.9	93.2	93.3
≥ 1000		79.9	87.2	89.8	91.7	91.8	92.7	93.3	93.7	93.9	94.0	94.0	94.1	94.2	94.5	94.6
≥ 900		80.3	87.7	90.3	92.3	92.5	93.4	94.0	94.4	94.7	94.7	94.7	94.8	94.9	95.2	95.3
≥ 800		80.7	88.0	90.8	92.9	93.1	94.2	94.8	95.1	95.4	95.4	95.4	95.5	95.6	95.9	96.1
≥ 700		81.2	88.6	91.5	93.7	94.0	95.2	95.8	96.1	96.4	96.4	96.4	96.5	96.6	96.9	97.1
≥ 600		81.3	88.8	91.7	94.2	94.5	95.7	96.3	96.7	97.0	97.0	97.0	97.1	97.3	97.6	97.7
≥ 500		81.6	89.1	92.2	94.7	95.0	96.3	96.9	97.3	97.6	97.7	97.7	97.9	98.0	98.4	98.6
≥ 400		81.7	89.4	92.5	95.0	95.3	96.9	97.7	98.0	98.4	98.4	98.4	98.6	98.8	99.3	99.5
≥ 300		81.7	89.4	92.5	95.1	95.4	96.9	97.9	98.2	98.6	98.7	98.7	98.9	99.0	99.5	99.7
≥ 200		81.7	89.4	92.5	95.1	95.4	96.9	97.9	98.3	98.6	98.7	98.7	98.9	99.1	99.6	99.9
≥ 100		81.7	89.4	92.5	95.1	95.4	96.9	97.9	98.3	98.6	98.7	98.7	98.9	99.1	99.6	99.9
0		81.7	89.4	92.5	95.1	95.4	96.9	97.9	98.3	98.6	98.7	98.7	98.9	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2192

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		47.5	50.7	52.5	53.7	54.0	54.8	55.1	55.2	55.4	55.5	55.5	55.8	55.8	55.9	56.0
≥ 20000		55.7	59.5	61.6	63.1	63.4	64.3	64.7	64.8	65.0	65.0	65.0	65.4	65.4	65.6	65.6
≥ 18000		55.7	59.6	61.6	63.2	63.4	64.4	64.7	64.8	65.0	65.1	65.1	65.5	65.5	65.6	65.7
≥ 16000		55.7	59.6	61.6	63.2	63.4	64.4	64.7	64.8	65.0	65.1	65.1	65.5	65.5	65.6	65.7
≥ 14000		56.0	59.9	62.0	63.7	63.9	64.9	65.2	65.3	65.6	65.6	65.6	66.0	66.0	66.1	66.2
≥ 12000		58.3	62.3	64.4	66.1	66.3	67.2	67.7	67.8	68.0	68.0	68.0	68.4	68.4	68.5	68.6
≥ 10000		63.6	68.1	70.4	72.2	72.5	73.6	74.0	74.1	74.3	74.4	74.4	74.9	74.9	75.0	75.1
≥ 9000		64.4	68.9	71.3	73.1	73.4	74.6	75.0	75.1	75.3	75.4	75.4	75.8	75.8	76.0	76.0
≥ 8000		66.7	71.5	74.2	76.0	76.4	77.7	78.1	78.2	78.5	78.6	78.6	79.0	79.0	79.1	79.2
≥ 7000		66.9	71.6	74.4	76.2	76.6	77.9	78.3	78.4	78.7	78.7	78.7	79.2	79.2	79.3	79.4
≥ 6000		67.4	72.1	74.9	76.7	77.1	78.4	78.8	78.9	79.2	79.2	79.2	79.7	79.7	79.8	79.9
≥ 5000		67.8	72.7	75.5	77.3	77.7	79.0	79.4	79.5	79.8	79.8	79.8	80.3	80.3	80.4	80.5
≥ 4500		67.8	72.8	75.6	77.5	77.8	79.1	79.6	79.7	79.9	80.0	80.0	80.4	80.4	80.6	80.7
≥ 4000		68.4	73.7	76.5	78.7	79.1	80.5	81.0	81.1	81.3	81.4	81.4	81.9	81.9	82.0	82.1
≥ 3500		69.8	75.2	78.1	80.3	80.6	82.1	82.6	82.7	82.9	83.0	83.0	83.5	83.5	83.6	83.7
≥ 3000		74.2	80.1	83.1	85.4	85.8	87.4	87.9	88.0	88.2	88.3	88.3	88.8	88.8	89.0	89.1
≥ 2500		76.3	82.7	85.8	88.2	88.6	90.2	90.7	90.8	91.1	91.2	91.2	91.7	91.7	91.8	91.9
≥ 2000		78.0	84.7	87.7	90.2	90.6	92.3	92.9	93.0	93.2	93.3	93.3	93.8	93.8	94.0	94.0
≥ 1800		78.1	84.9	88.0	90.5	90.9	92.6	93.2	93.3	93.5	93.6	93.6	94.1	94.1	94.2	94.3
≥ 1500		78.7	85.6	88.7	91.3	91.7	93.4	94.0	94.1	94.3	94.4	94.4	94.9	94.9	95.1	95.1
≥ 1200		79.4	86.5	89.7	92.3	92.7	94.4	95.1	95.1	95.4	95.5	95.5	96.0	96.0	96.2	96.2
≥ 1000		79.6	86.9	90.2	93.0	93.4	95.1	95.7	95.9	96.2	96.3	96.3	96.8	96.8	97.0	97.1
≥ 900		79.8	87.0	90.4	93.3	93.7	95.4	96.1	96.2	96.5	96.6	96.6	97.1	97.2	97.3	97.4
≥ 800		80.0	87.4	90.7	93.8	94.2	96.0	96.6	96.7	97.1	97.2	97.2	97.8	97.8	97.9	98.0
≥ 700		80.2	87.6	90.9	94.0	94.5	96.3	96.9	97.1	97.4	97.5	97.5	98.1	98.1	98.3	98.4
≥ 600		80.2	87.8	91.1	94.3	94.7	96.6	97.3	97.4	97.8	97.8	97.8	98.4	98.4	98.6	98.7
≥ 500		80.2	88.0	91.3	94.5	95.0	96.9	97.6	97.7	98.4	98.4	98.4	99.0	99.0	99.2	99.3
≥ 400		80.2	88.0	91.3	94.5	95.1	96.9	97.7	97.8	98.5	98.6	98.6	99.1	99.2	99.3	99.4
≥ 300		80.2	88.0	91.3	94.5	95.1	97.0	97.8	98.0	98.6	98.7	98.7	99.5	99.5	99.9	100.0
≥ 200		80.2	88.0	91.3	94.5	95.1	97.0	97.8	98.0	98.6	98.7	98.7	99.5	99.5	99.9	100.0
≥ 100		80.2	88.0	91.3	94.5	95.1	97.0	97.8	98.0	98.6	98.7	98.7	99.5	99.5	99.9	100.0
0		80.2	88.0	91.3	94.5	95.1	97.0	97.8	98.0	98.6	98.7	98.7	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2183

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		48.0	54.0	57.1	59.4	59.8	60.5	61.6	61.7	61.8	61.9	61.9	62.0	62.1	62.1	62.1
≥ 20000		55.9	62.8	66.0	68.3	68.9	69.5	70.7	70.8	70.8	71.0	71.0	71.2	71.2	71.3	71.4
≥ 18000		55.9	62.8	66.0	68.3	68.9	69.5	70.7	70.8	70.8	71.0	71.0	71.2	71.2	71.3	71.4
≥ 16000		55.9	62.8	66.0	68.3	68.9	69.5	70.7	70.8	70.8	71.0	71.0	71.2	71.2	71.3	71.4
≥ 14000		56.1	63.1	66.3	68.6	69.2	69.8	71.0	71.1	71.2	71.4	71.4	71.5	71.6	71.7	71.7
≥ 12000		57.9	64.9	68.2	70.6	71.2	71.9	73.2	73.3	73.3	73.5	73.5	73.7	73.8	73.9	74.0
≥ 10000		62.9	70.4	74.2	76.7	77.4	78.2	79.5	79.6	79.8	80.0	80.0	80.2	80.4	80.4	80.5
≥ 9000		63.4	70.9	74.7	77.2	77.9	78.7	80.0	80.1	80.3	80.5	80.5	80.7	80.9	80.9	81.1
≥ 8000		65.8	73.5	77.4	80.1	80.8	81.7	83.0	83.1	83.3	83.5	83.5	83.7	83.9	83.9	84.1
≥ 7000		66.5	74.2	78.2	80.8	81.5	82.4	83.7	83.9	84.0	84.2	84.2	84.5	84.6	84.7	84.8
≥ 6000		66.5	74.3	78.2	80.9	81.7	82.6	83.9	84.0	84.2	84.4	84.4	84.6	84.7	84.8	84.9
≥ 5000		66.9	74.8	78.8	81.5	82.2	83.1	84.4	84.5	84.7	84.9	84.9	85.1	85.3	85.3	85.5
≥ 4500		67.3	75.2	79.2	81.9	82.6	83.5	84.8	84.9	85.1	85.3	85.3	85.5	85.6	85.7	85.8
≥ 4000		67.8	75.8	79.9	82.8	83.6	84.5	85.8	86.0	86.1	86.4	86.4	86.6	86.7	86.8	86.9
≥ 3500		69.1	77.3	81.5	84.4	85.2	86.1	87.5	87.6	87.7	88.0	88.0	88.2	88.3	88.4	88.5
≥ 3000		71.7	79.9	84.2	87.5	88.3	89.2	90.6	90.7	90.9	91.1	91.1	91.3	91.4	91.5	91.6
≥ 2500		73.1	81.5	85.9	89.1	89.9	90.9	92.2	92.4	92.6	92.8	92.8	93.0	93.1	93.2	93.3
≥ 2000		74.0	82.5	86.9	90.1	90.9	91.8	93.2	93.3	93.5	93.8	93.8	94.0	94.1	94.2	94.3
≥ 1800		74.1	82.6	87.0	90.2	91.0	92.0	93.3	93.5	93.7	93.9	93.9	94.1	94.3	94.3	94.5
≥ 1500		74.7	83.4	87.8	91.0	91.9	92.8	94.2	94.3	94.6	94.8	94.9	95.1	95.2	95.3	95.4
≥ 1200		74.9	83.7	88.2	91.4	92.3	93.2	94.7	94.8	95.0	95.3	95.4	95.6	95.7	95.8	93.9
≥ 1000		75.2	84.0	88.5	91.9	92.7	93.7	95.2	95.4	95.6	95.9	95.9	96.2	96.3	96.4	96.5
≥ 900		75.4	84.2	88.7	92.1	93.0	94.0	95.5	95.6	95.8	96.2	96.2	96.4	96.5	96.6	96.7
≥ 800		75.7	84.5	89.0	92.4	93.3	94.3	95.8	95.9	96.2	96.5	96.5	96.7	96.9	97.0	97.1
≥ 700		75.8	84.7	89.1	92.6	93.6	94.6	96.1	96.2	96.5	96.8	96.8	97.0	97.2	97.3	97.4
≥ 600		75.9	84.8	89.3	92.8	93.7	94.9	96.5	96.6	96.9	97.3	97.3	97.5	97.7	97.8	97.9
≥ 500		75.9	84.8	89.4	92.9	94.0	95.2	96.8	97.1	97.5	97.8	97.8	98.1	98.2	98.3	98.4
≥ 400		76.0	85.0	89.6	93.3	94.4	95.7	97.5	97.8	98.2	98.7	98.7	99.0	99.2	99.3	99.4
≥ 300		76.0	85.0	89.6	93.3	94.4	95.7	97.6	97.9	98.4	98.8	98.9	99.2	99.3	99.5	99.6
≥ 200		76.0	85.0	89.6	93.3	94.4	95.7	97.6	97.9	98.4	98.8	98.9	99.3	99.4	99.6	99.7
≥ 100		76.0	85.0	89.6	93.3	94.4	95.7	97.6	97.9	98.4	98.8	98.9	99.3	99.5	99.8	99.9
≥ 0		76.0	85.0	89.6	93.3	94.4	95.7	97.6	97.9	98.4	98.8	98.9	99.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2357

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 STATION — FORT POLK AAF STATION NAME LOUISIANA — 67-76 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		42.5	45.1	47.2	49.0	49.7	51.6	51.2	51.4	51.5	51.7	51.7	51.8	51.8	51.9	51.9
≥ 20000		49.4	52.2	54.7	56.5	57.4	58.3	59.0	59.1	59.3	59.5	59.5	59.7	59.7	59.9	59.9
≥ 18000		49.6	52.5	55.0	56.9	57.7	58.6	59.4	59.5	59.6	59.9	59.9	60.1	60.1	60.2	60.2
≥ 16000		49.6	52.5	55.0	56.9	57.7	58.6	59.4	59.5	59.6	59.9	59.9	60.1	60.1	60.2	60.2
≥ 14000		50.1	53.0	55.6	57.5	58.4	59.3	60.0	60.1	60.3	60.5	60.5	60.7	60.7	60.9	60.9
≥ 12000		52.1	55.1	57.9	59.8	60.7	61.7	62.6	62.7	62.9	63.2	63.2	63.3	63.3	63.5	63.5
≥ 10000		55.7	59.2	62.2	64.3	65.2	66.3	67.3	67.4	67.6	68.0	68.0	68.2	68.2	68.3	68.3
≥ 9000		56.5	60.0	63.0	65.2	66.1	67.3	68.3	68.4	68.6	69.0	69.0	69.2	69.2	69.3	69.3
≥ 8000		57.5	61.1	64.2	66.4	67.3	68.6	69.6	69.7	70.0	70.3	70.3	70.5	70.5	70.6	70.6
≥ 7000		57.9	61.4	64.5	66.7	67.6	68.9	69.9	70.0	70.3	70.6	70.6	70.8	70.8	71.0	71.0
≥ 6000		58.4	62.1	65.2	67.4	68.3	69.6	70.6	70.8	71.0	71.3	71.3	71.5	71.5	71.7	71.7
≥ 5000		58.8	62.5	65.7	67.9	68.8	70.0	71.1	71.2	71.5	71.8	71.8	72.0	72.0	72.1	72.1
≥ 4500		58.9	62.7	65.8	68.0	68.9	70.1	71.2	71.4	71.6	71.9	71.9	72.1	72.1	72.3	72.3
≥ 4000		59.4	63.6	66.8	69.0	69.9	71.2	72.3	72.4	72.6	72.9	72.9	73.2	73.2	73.3	73.3
≥ 3500		59.8	63.9	67.1	69.4	70.3	71.5	72.7	72.8	73.0	73.4	73.4	73.6	73.6	73.7	73.7
≥ 3000		61.8	66.3	69.7	72.1	73.0	74.4	75.6	75.7	75.9	76.3	76.3	76.5	76.5	76.6	76.6
≥ 2500		63.6	68.1	71.6	73.9	74.9	76.2	77.4	77.6	77.8	78.1	78.1	78.3	78.3	78.5	78.5
≥ 2000		65.8	70.5	74.0	76.8	77.8	79.2	80.5	80.7	80.9	81.2	81.2	81.5	81.5	81.6	81.6
≥ 1800		66.2	70.9	74.4	77.2	78.2	79.7	80.9	81.1	81.3	81.6	81.6	81.9	81.9	82.0	82.0
≥ 1500		67.5	72.5	76.0	78.8	80.0	81.5	82.9	83.0	83.3	83.6	83.6	83.9	83.9	84.0	84.0
≥ 1200		68.5	73.8	77.4	80.3	81.5	83.0	84.4	84.5	84.8	85.1	85.1	85.4	85.4	85.5	85.5
≥ 1000		69.2	74.7	78.5	81.5	82.7	84.2	85.6	85.8	86.1	86.4	86.4	86.7	86.7	86.8	86.8
≥ 900		69.6	75.5	79.3	82.4	83.7	85.2	86.6	86.8	87.1	87.4	87.4	87.7	87.7	87.9	87.9
≥ 800		70.2	76.3	80.5	84.0	85.4	87.1	88.7	88.8	89.1	89.4	89.4	89.7	89.7	89.9	89.9
≥ 700		71.0	77.6	82.0	86.0	87.3	89.1	90.9	91.2	91.5	91.8	91.8	92.1	92.1	92.3	92.3
≥ 600		71.3	78.2	82.8	87.0	88.5	90.5	92.5	92.8	93.2	93.5	93.5	93.7	93.7	93.9	93.9
≥ 500		71.6	78.7	83.6	87.9	89.7	92.1	94.6	94.9	95.5	95.8	95.8	96.1	96.1	96.3	96.3
≥ 400		71.7	78.9	83.9	88.4	90.3	92.9	95.8	96.2	96.9	97.4	97.4	97.7	97.7	98.0	98.0
≥ 300		71.7	78.9	83.9	88.4	90.5	93.2	96.1	96.6	97.5	98.1	98.1	98.5	98.5	98.9	99.0
≥ 200		71.7	78.9	83.9	88.4	90.5	93.2	96.2	96.7	97.6	98.3	98.3	98.6	98.9	99.3	99.6
≥ 100		71.7	78.9	83.9	88.4	90.5	93.2	96.2	96.7	97.6	98.3	98.3	98.8	98.9	99.5	99.8
≥ 0		71.7	78.9	83.9	88.4	90.5	93.2	96.2	96.7	97.6	98.3	98.3	98.8	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2207

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) OCT (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		49.1	52.1	53.5	55.1	55.4	56.1	56.5	56.5	56.9	56.9	56.9	57.3	57.3	57.4	57.9
≥ 20000		54.0	57.3	58.8	60.5	60.8	61.4	61.8	61.8	62.2	62.2	62.2	62.6	62.7	62.8	63.3
≥ 18000		54.1	57.4	58.9	60.5	60.9	61.5	61.9	61.9	62.3	62.3	62.3	62.7	62.8	62.9	63.4
≥ 16000		54.1	57.4	58.9	60.5	60.9	61.5	61.9	61.9	62.3	62.3	62.3	62.7	62.8	62.9	63.4
≥ 14000		54.3	57.7	59.3	60.9	61.2	61.9	62.3	62.3	62.7	62.7	62.7	63.1	63.2	63.3	63.8
≥ 12000		55.7	59.2	60.9	62.6	62.9	63.5	63.9	63.9	64.3	64.3	64.3	64.7	64.8	64.9	65.4
≥ 10000		58.0	61.6	63.4	65.0	65.3	66.1	66.5	66.5	66.9	66.9	66.9	67.3	67.4	67.6	68.0
≥ 9000		58.3	62.1	64.1	65.7	66.0	66.7	67.1	67.1	67.5	67.6	67.6	68.0	68.1	68.2	68.7
≥ 8000		59.2	63.0	65.2	66.9	67.2	68.1	68.6	68.6	69.0	69.0	69.0	69.4	69.5	69.7	70.1
≥ 7000		59.6	63.5	65.7	67.5	67.8	68.7	69.2	69.2	69.6	69.7	69.7	70.1	70.2	70.3	70.8
≥ 6000		60.5	64.5	66.9	68.7	69.1	70.1	70.6	70.6	71.0	71.1	71.1	71.5	71.6	71.7	72.2
≥ 5000		60.7	64.9	67.6	69.6	70.1	71.1	71.6	71.6	72.0	72.0	72.0	72.4	72.6	72.7	73.2
≥ 4500		60.9	65.1	67.8	69.8	70.3	71.3	71.8	71.8	72.2	72.2	72.2	72.6	72.8	72.9	73.4
≥ 4000		61.3	66.0	68.7	70.9	71.3	72.5	73.0	73.0	73.3	73.4	73.4	73.8	73.9	74.0	74.5
≥ 3500		61.9	66.6	69.4	71.6	72.1	73.2	73.7	73.7	74.1	74.1	74.1	74.5	74.7	74.8	75.3
≥ 3000		63.7	68.6	71.4	73.6	74.0	75.3	75.8	75.8	76.2	76.3	76.3	76.7	76.8	76.9	77.4
≥ 2500		65.0	70.1	72.9	75.2	75.6	76.9	77.4	77.4	77.9	77.9	77.9	78.3	78.4	78.6	79.0
≥ 2000		66.8	72.0	75.1	77.5	77.9	79.2	79.7	79.7	80.1	80.2	80.2	80.6	80.7	80.8	81.3
≥ 1800		67.1	72.5	75.6	77.9	78.4	79.7	80.2	80.2	80.7	80.7	80.7	81.1	81.2	81.4	81.9
≥ 1500		68.6	74.3	77.5	79.8	80.3	81.6	82.2	82.2	82.6	82.6	82.6	83.0	83.2	83.3	83.8
≥ 1200		70.5	76.5	79.9	82.4	83.0	84.3	84.9	84.9	85.3	85.4	85.4	85.8	85.9	86.1	86.5
≥ 1000		71.7	78.2	81.6	84.1	84.7	86.1	86.7	86.7	87.2	87.2	87.2	87.7	87.8	88.0	88.5
≥ 900		72.0	78.6	82.0	84.7	85.4	86.7	87.4	87.4	87.9	87.9	87.9	88.3	88.5	88.7	89.2
≥ 800		72.7	79.6	83.2	86.0	86.8	88.2	88.9	88.9	89.4	89.5	89.5	89.9	90.0	90.3	90.7
≥ 700		73.0	80.1	83.9	87.1	87.9	89.4	90.2	90.2	90.8	90.8	90.8	91.3	91.4	91.6	92.1
≥ 600		73.5	80.8	84.7	88.1	89.0	90.5	91.4	91.4	92.0	92.0	92.0	92.5	92.6	92.8	93.3
≥ 500		74.5	82.0	86.0	89.7	90.7	92.5	93.5	93.5	94.3	94.4	94.4	94.9	95.0	95.3	95.7
≥ 400		74.8	82.3	86.5	90.3	91.5	93.4	94.6	94.6	95.6	95.7	95.7	96.2	96.4	96.7	97.2
≥ 300		74.8	82.3	86.5	90.3	91.6	93.6	94.9	95.0	96.3	96.6	96.6	97.2	97.5	98.0	98.7
≥ 200		74.8	82.3	86.5	90.3	91.6	93.6	94.9	95.1	96.4	96.8	96.8	97.5	97.9	98.5	99.2
≥ 100		74.8	82.3	86.5	90.3	91.6	93.6	94.9	95.1	96.4	96.8	96.8	97.5	97.9	98.6	99.7
0		74.8	82.3	86.5	90.3	91.6	93.6	94.9	95.1	96.4	96.8	96.8	97.5	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2281

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		55.5	56.3	56.6	57.1	57.1	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 20000		58.6	59.6	60.0	60.5	60.5	60.9	61.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
≥ 18000		58.7	59.6	60.1	60.6	60.6	60.9	61.2	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2
≥ 16000		58.7	59.6	60.1	60.6	60.6	60.9	61.2	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2
≥ 14000		58.9	59.9	60.4	60.9	60.9	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.5
≥ 12000		60.0	61.0	61.6	62.2	62.2	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
≥ 10000		63.5	64.6	65.3	65.8	65.8	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.5
≥ 9000		64.0	65.3	66.1	66.6	66.6	66.9	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000		66.1	67.4	68.2	68.7	68.7	69.0	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4
≥ 7000		67.3	68.9	69.9	70.5	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 6000		68.7	70.5	71.4	72.1	72.1	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8
≥ 5000		70.3	72.1	73.0	73.7	73.7	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
≥ 4500		70.7	72.6	73.5	74.2	74.2	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 4000		72.2	74.0	75.1	75.9	75.9	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 3500		73.2	75.1	76.2	76.9	76.9	77.3	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8
≥ 3000		75.9	78.1	79.2	80.0	80.0	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2500		77.3	79.4	80.5	81.3	81.3	81.7	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2
≥ 2000		79.5	82.0	83.6	84.5	84.5	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.5
≥ 1800		79.9	82.5	84.2	85.1	85.1	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.2
≥ 1500		80.8	84.0	85.9	87.0	87.1	87.6	87.9	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.3
≥ 1200		81.8	85.1	87.3	88.4	88.5	89.1	89.3	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.8
≥ 1000		82.3	85.9	88.2	89.4	89.5	90.2	90.5	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.0
≥ 900		82.7	86.4	89.0	90.1	90.3	91.0	91.4	91.5	91.7	91.7	91.7	91.7	91.8	91.8	91.9
≥ 800		83.1	86.9	89.7	90.9	91.0	91.9	92.4	92.6	92.8	92.8	92.8	92.8	92.9	92.9	93.0
≥ 700		83.4	87.4	90.3	91.6	91.8	92.8	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 600		83.7	87.9	90.9	92.5	92.7	93.9	94.5	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.1
≥ 500		83.9	88.3	91.4	93.2	93.8	95.2	96.1	96.3	96.6	96.6	96.6	96.7	96.8	96.8	96.9
≥ 400		84.0	88.4	91.6	93.8	94.5	96.2	97.3	97.8	98.2	98.3	98.3	98.4	98.6	98.6	98.7
≥ 300		84.0	88.4	91.7	93.9	94.6	96.3	97.7	98.2	98.5	98.8	98.8	99.0	99.2	99.3	99.4
≥ 200		84.0	88.4	91.7	93.9	94.6	96.3	97.7	98.3	98.6	98.9	98.9	99.2	99.4	99.5	99.7
≥ 100		84.0	88.4	91.7	93.9	94.6	96.3	97.7	98.3	98.6	98.9	98.9	99.3	99.6	99.8	99.9
0		84.0	88.4	91.7	93.9	94.6	96.3	97.7	98.3	98.6	98.9	98.9	99.3	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2177

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.1	41.4	42.7	42.8	43.2	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.7
≥ 20000	.1	44.7	46.0	46.1	46.7	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1
≥ 18000	.1	45.1	46.4	46.5	47.1	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5
≥ 16000	.1	45.1	46.5	46.6	47.1	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6
≥ 14000	.1	45.3	46.6	46.7	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7
≥ 12000	.1	45.6	46.9	47.0	47.6	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0
≥ 10000	.1	46.7	48.0	48.2	48.7	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2
≥ 9000	.1	47.6	49.0	49.1	49.6	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1
≥ 8000	.1	49.4	50.9	51.2	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
≥ 7000	.1	51.0	52.8	53.2	53.8	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3
≥ 6000	.1	51.8	53.6	53.9	54.6	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 5000	.1	53.5	55.4	55.8	56.5	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0
≥ 4500	.1	55.0	57.0	57.3	58.0	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
≥ 4000	.1	56.7	58.9	59.4	60.1	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 3500	.1	57.8	60.3	60.7	61.5	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1
≥ 3000	.1	59.4	61.9	62.4	63.2	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
≥ 2500	.1	61.3	64.2	64.7	65.7	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
≥ 2000	.1	63.6	66.5	67.3	68.4	68.6	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4
≥ 1800	.1	63.9	66.9	67.7	68.8	69.0	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 1500	.1	66.3	69.6	70.6	72.0	72.3	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.2
≥ 1200	.1	68.1	71.7	73.0	74.5	74.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.7
≥ 1000	.1	69.4	73.5	74.9	76.4	76.8	77.5	77.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9	78.0
≥ 900	.1	70.4	74.8	76.2	78.0	78.4	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.6
≥ 800	.1	71.7	76.6	78.5	80.6	81.1	82.1	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.8
≥ 700	.1	72.5	77.8	80.0	82.7	83.3	84.7	85.1	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.6
≥ 600	.1	73.0	78.7	81.1	84.1	84.9	86.7	87.4	87.6	88.0	88.0	88.0	88.0	88.0	88.1	88.2
≥ 500	.1	73.4	79.2	82.4	85.9	86.9	89.3	90.4	90.7	91.2	91.3	91.3	91.4	91.4	91.4	91.5
≥ 400	.1	73.6	79.6	82.9	86.7	88.0	90.9	92.5	92.9	93.6	93.9	93.9	94.2	94.3	94.4	94.5
≥ 300	.1	73.6	79.6	82.9	87.0	88.3	91.4	93.4	94.0	95.2	95.9	95.9	96.5	96.7	97.1	97.4
≥ 200	.1	73.6	79.6	82.9	87.0	88.3	91.5	93.6	94.2	95.5	96.5	96.5	97.4	97.6	98.3	98.8
≥ 100	.1	73.6	79.6	82.9	87.0	88.3	91.5	93.6	94.3	95.6	96.7	96.7	97.5	97.9	98.9	99.7
0	.1	73.6	79.6	82.9	87.0	88.3	91.5	93.6	94.3	95.6	96.7	96.7	97.5	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1973

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		27.0	30.2	30.4	31.7	32.0	32.4	32.9	32.9	32.9	32.9	32.9	33.1	33.1	33.6	33.8
≥ 20000		29.0	32.2	32.7	34.2	34.5	34.9	35.4	35.4	35.4	35.8	35.8	36.1	36.1	36.5	36.7
≥ 18000		29.0	32.2	32.7	34.2	34.5	34.9	35.4	35.4	35.4	35.8	35.8	36.1	36.1	36.5	36.7
≥ 16000		29.0	32.2	32.7	34.2	34.5	34.9	35.4	35.4	35.4	35.8	35.8	36.1	36.1	36.5	36.7
≥ 14000		29.5	32.7	33.1	34.9	35.1	35.6	36.1	36.1	36.1	36.5	36.5	36.7	36.7	37.2	37.4
≥ 12000		30.2	33.3	33.8	35.6	35.8	36.3	36.7	36.7	36.7	37.2	37.2	37.4	37.4	37.9	38.1
≥ 10000		31.5	34.7	35.1	37.0	37.2	37.6	38.1	38.1	38.1	38.5	38.5	38.8	38.8	39.2	39.5
≥ 9000		31.7	34.9	35.4	37.2	37.4	37.9	38.3	38.3	38.3	38.8	38.8	39.0	39.0	39.5	39.7
≥ 8000		33.3	37.0	37.4	39.2	39.5	39.9	40.4	40.4	40.4	40.8	40.8	41.0	41.0	41.5	41.7
≥ 7000		34.5	38.3	38.8	40.6	41.0	41.5	42.0	42.0	42.0	42.4	42.4	42.6	42.6	43.1	43.3
≥ 6000		36.1	39.9	40.4	42.2	42.9	43.3	43.8	43.8	43.8	44.2	44.2	44.4	44.4	44.9	45.1
≥ 5000		37.6	41.5	42.0	43.8	44.4	44.9	45.4	45.4	45.4	45.8	45.8	46.0	46.0	46.5	46.7
≥ 4500		37.6	41.5	42.2	44.2	44.9	45.4	45.8	45.8	45.8	46.3	46.3	46.5	46.5	46.9	47.2
≥ 4000		38.5	42.6	43.5	45.6	46.3	46.7	47.4	47.4	47.4	47.8	47.8	48.1	48.1	48.5	48.8
≥ 3500		39.0	43.3	44.2	46.5	47.2	47.6	48.3	48.5	48.5	49.0	49.0	49.2	49.2	50.1	50.3
≥ 3000		39.9	44.4	45.4	47.6	48.3	48.8	49.4	49.7	49.7	50.1	50.1	50.3	50.3	51.2	51.5
≥ 2500		41.3	45.8	46.7	49.2	50.1	50.8	51.5	51.7	51.7	52.2	52.2	52.4	52.4	53.5	53.7
≥ 2000		42.4	46.9	48.3	50.8	51.7	52.4	53.1	53.3	53.3	53.7	53.7	54.0	54.0	55.1	55.3
≥ 1800		42.9	47.4	48.8	51.2	52.2	52.8	53.5	53.7	53.7	54.2	54.2	54.4	54.4	55.6	55.8
≥ 1500		46.0	50.8	52.6	55.1	56.2	56.9	57.6	57.8	57.8	58.3	58.3	58.5	58.5	59.6	59.9
≥ 1200		46.7	51.5	53.3	55.8	56.9	57.6	58.3	58.5	58.5	59.0	59.0	59.2	59.2	60.3	60.5
≥ 1000		48.1	52.8	54.9	57.6	58.7	59.4	60.8	61.0	61.0	61.5	61.5	61.7	61.7	62.8	63.0
≥ 900		48.5	53.3	55.6	58.5	59.6	60.3	61.7	61.9	61.9	62.4	62.4	62.6	62.6	63.7	63.9
≥ 800		49.2	54.2	56.7	59.6	60.8	61.7	63.0	63.3	63.3	63.7	63.7	63.9	63.9	65.1	65.3
≥ 700		51.2	56.5	59.9	62.8	63.9	65.1	66.4	66.7	66.7	67.1	67.1	67.3	67.3	68.5	68.7
≥ 600		52.6	58.3	62.1	66.4	67.6	69.6	71.4	71.7	71.7	72.1	72.1	72.3	72.3	73.5	73.7
≥ 500		53.7	60.3	64.4	69.6	71.2	74.1	76.5	77.1	78.0	78.7	78.7	78.9	78.9	80.0	80.3
≥ 400		54.2	61.0	65.1	70.3	72.1	76.9	79.4	80.3	81.4	82.1	82.1	82.3	82.3	83.7	83.9
≥ 300		54.2	61.5	65.5	71.4	73.5	78.7	82.1	84.6	86.2	87.1	87.1	87.5	87.8	89.6	90.0
≥ 200		54.2	61.5	65.5	71.4	73.5	78.7	82.3	85.0	86.8	88.0	88.2	89.6	90.2	92.5	94.6
≥ 100		54.2	61.5	65.5	71.4	73.5	78.7	82.3	85.0	86.8	88.0	88.2	90.0	91.4	95.0	98.6
≥ 0		54.2	61.5	65.5	71.4	73.5	78.7	82.3	85.0	86.8	88.0	88.2	90.0	91.4	95.0	100.0

TOTAL NUMBER OF OBSERVATION: 441

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JA (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	.2	31.0	31.5	31.6	31.8	31.9	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4
≥ 20000	.2	34.9	35.3	35.8	36.0	36.1	36.3	36.4	36.4	36.4	36.4	36.5	36.6	36.6	36.6	36.7
≥ 18000	.2	35.0	35.5	36.0	36.1	36.3	36.4	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.9
≥ 16000	.2	35.0	35.5	36.0	36.1	36.3	36.4	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.9
≥ 14000	.2	35.2	35.6	36.3	36.4	36.6	36.7	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.2
≥ 12000	.2	35.2	35.6	36.3	36.4	36.6	36.7	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.2
≥ 10000	.2	37.5	38.0	39.5	39.8	40.0	40.1	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.6
≥ 9000	.2	38.9	39.4	40.9	41.2	41.4	41.5	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	42.0
≥ 8000	.2	39.7	40.1	41.8	42.3	42.4	42.6	42.7	42.7	42.7	42.8	42.9	42.9	42.9	42.9	43.1
≥ 7000	.2	41.0	41.5	43.2	43.7	43.8	44.0	44.1	44.1	44.1	44.3	44.3	44.3	44.3	44.3	44.4
≥ 6000	.2	42.1	42.6	44.3	44.8	45.1	45.2	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.7
≥ 5000	.2	43.4	43.8	45.6	46.5	46.8	47.1	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.7
≥ 4500	.2	44.1	44.6	46.6	47.2	47.5	47.8	48.1	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.5
≥ 4000	.2	44.9	45.4	47.4	48.0	48.3	49.2	49.5	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.8
≥ 3500	.2	46.0	46.5	48.6	49.2	49.7	50.5	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.1
≥ 3000	.2	47.5	48.0	50.3	50.9	51.4	52.2	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.8
≥ 2500	.2	49.4	49.8	52.2	52.8	53.2	54.0	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.6
≥ 2000	.2	52.0	52.9	55.2	55.9	56.3	57.1	57.4	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.7
≥ 1800	.2	52.5	53.4	55.7	56.3	56.8	57.6	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.2
≥ 1500	.2	53.9	54.8	57.1	57.9	58.3	59.1	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.7
≥ 1200	.2	56.0	56.9	59.4	60.5	61.0	61.7	62.2	62.2	62.2	62.5	62.5	62.5	62.5	62.5	62.7
≥ 1000	.2	58.0	59.6	62.5	63.7	64.2	65.1	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	66.0
≥ 900	.2	58.8	61.1	64.2	65.6	66.0	67.0	67.4	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.9
≥ 800	.2	59.4	61.9	65.1	67.0	67.7	68.7	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.6
≥ 700	.2	60.2	63.3	67.3	69.4	70.5	71.5	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.4
≥ 600	.2	60.8	65.1	70.7	73.6	74.8	76.7	77.2	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.6
≥ 500	.2	61.6	66.5	73.0	76.5	77.8	80.4	81.8	82.1	82.7	83.0	83.0	83.0	83.2	83.2	83.3
≥ 400	.2	62.0	67.1	73.8	78.7	80.7	84.6	86.4	86.9	88.1	88.9	88.9	89.0	89.4	89.4	89.5
≥ 300	.2	62.2	67.4	74.1	79.2	81.2	85.5	88.0	89.0	90.9	91.8	91.8	92.1	92.9	93.4	93.5
≥ 200	.2	62.2	67.4	74.1	79.2	81.2	85.6	88.4	89.8	91.8	93.5	93.7	94.0	94.8	95.5	97.2
≥ 100	.2	62.2	67.4	74.1	79.2	81.2	85.6	88.4	90.0	92.0	93.7	93.9	94.4	95.5	97.4	99.8
≥ 0	.2	62.2	67.4	74.1	79.2	81.2	85.6	88.4	90.0	92.0	93.7	93.9	94.4	95.5	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 548

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FLRT POLK AF LOUISIANA (STATION NAME) 67-76 (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		35.1	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 20000		41.4	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 18000		41.4	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 16000		41.4	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 14000		41.4	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 12000		41.7	42.3	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 10000		43.7	44.4	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 9000		45.3	45.9	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 8000		46.2	47.0	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 7000		47.0	47.8	48.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 6000		48.4	49.4	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 5000		49.7	50.6	50.8	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 4500		50.0	51.1	51.3	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 4000		51.4	52.5	52.7	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 3500		53.1	54.2	54.4	55.0	55.2	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 3000		56.4	58.0	58.2	59.1	59.2	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 2500		59.6	61.1	61.3	62.4	62.5	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 2000		62.9	64.7	65.2	66.6	66.8	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 1800		63.3	65.4	65.7	67.1	67.2	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 1500		66.3	69.4	69.7	71.3	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 1200		69.3	72.9	73.4	75.1	75.2	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1000		70.8	74.9	75.7	77.7	78.1	78.2	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 900		71.5	75.9	76.6	78.7	79.0	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 800		72.6	77.1	78.4	80.9	81.3	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 700		75.4	80.3	82.0	84.6	85.1	85.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 600		75.9	80.9	83.1	86.2	87.3	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 500		76.3	81.7	84.5	88.4	89.8	90.9	91.5	91.7	92.0	92.0	92.0	92.2	92.2	92.2	92.2
≥ 400		76.5	82.3	86.1	90.3	91.7	93.6	94.8	95.1	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 300		76.6	82.6	86.4	90.6	92.0	94.2	95.9	96.7	98.3	98.4	98.4	98.6	98.6	98.6	98.6
≥ 200		76.6	82.6	86.5	90.8	92.2	94.4	96.2	97.0	98.6	98.9	98.9	99.4	99.4	99.4	99.4
≥ 100		76.6	82.6	86.5	90.8	92.2	94.4	96.2	97.0	98.6	98.9	98.9	99.5	100.0	100.0	100.0
≥ 0		76.6	82.6	86.5	90.8	92.2	94.4	96.2	97.0	98.6	98.9	98.9	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 638

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF, LOUISIANA (STATION NAME) 67-76 (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		41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 20000		46.9	47.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 18000		46.9	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 16000		46.9	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000		47.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 12000		47.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000		48.6	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 9000		49.3	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 8000		52.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 7000		54.3	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
≥ 6000		55.0	56.0	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
≥ 5000		57.9	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 4500		58.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 4000		59.9	61.5	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 3500		61.1	62.7	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 3000		64.4	66.1	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 2500		69.2	70.9	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2000		71.4	73.1	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 1800		72.4	74.0	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 1500		76.2	78.4	78.6	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1200		79.1	81.5	81.7	82.0	82.2	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1000		80.0	83.4	83.7	83.9	84.1	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 900		80.3	83.7	83.9	84.1	84.4	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 800		80.5	83.9	84.1	84.6	85.3	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 700		81.5	85.6	85.8	86.5	87.3	87.7	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 600		82.0	86.3	86.8	88.0	89.2	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 500		82.5	86.8	88.0	89.9	91.1	91.6	92.3	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 400		82.7	87.0	88.5	91.1	92.5	93.5	94.7	95.0	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 300		82.7	87.0	88.5	91.3	92.8	94.5	96.2	96.4	97.8	97.8	97.8	98.3	98.3	98.3	98.3
≥ 200		82.7	87.0	88.5	91.3	92.8	94.5	96.6	96.9	98.3	98.3	98.3	99.3	99.3	99.3	99.3
≥ 100		82.7	87.0	88.5	91.3	92.8	94.5	96.6	96.9	98.3	98.3	98.6	99.5	99.8	99.8	100.0
≥ 0		82.7	87.0	88.5	91.3	92.8	94.5	96.6	96.9	98.3	98.3	99.6	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 416

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 73 (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		61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000		64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6
NW 18000		64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6
NW 16000		64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6
NW 14000		64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6
NW 12000		64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6
NW 10000		70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5
NW 9000		70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5
NW 8000		70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5
NW 7000		70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5
NW 6000		73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
NW 5000		76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4
NW 4500		76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4
NW 4000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
NW 3500		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
NW 3000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
NW 2500		79.4	79.4	79.4	82.4	82.4	82.4	82.4	82.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3
NW 2000		82.4	85.3	85.3	88.2	88.2	88.2	88.2	88.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
NW 1800		82.4	85.3	85.3	88.2	88.2	88.2	88.2	88.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
NW 1500		82.4	91.2	91.2	94.1	94.1	94.1	94.1	94.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
NW 1200		82.4	91.2	91.2	94.1	94.1	94.1	94.1	94.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
NW 1000		82.4	91.2	91.2	94.1	94.1	97.1	97.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NW 900		82.4	91.2	91.2	94.1	94.1	97.1	97.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NW 800		82.4	91.2	91.2	94.1	94.1	97.1	97.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NW 700		82.4	91.2	91.2	94.1	94.1	97.1	97.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NW 600		82.4	91.2	91.2	94.1	94.1	97.1	97.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NW 500		82.4	91.2	91.2	94.1	94.1	97.1	97.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NW 400		82.4	91.2	91.2	94.1	94.1	97.1	97.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NW 300		82.4	91.2	91.2	94.1	94.1	97.1	97.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NW 200		82.4	91.2	91.2	94.1	94.1	97.1	97.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NW 100		82.4	91.2	91.2	94.1	94.1	97.1	97.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NW 0		82.4	91.2	91.2	94.1	94.1	97.1	97.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 34

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 73 (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		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURPENCE
(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	.5	37.0	39.5	41.1	41.8	42.3	42.6	42.8	43.6	44.3	44.3	44.3	44.6	44.6	45.1	46.1
≥ 20000	.5	39.8	43.0	45.3	46.6	47.1	47.4	47.9	48.6	49.4	49.6	49.6	49.9	49.9	50.4	51.6
≥ 18000	.5	39.8	43.6	45.3	46.6	47.1	47.6	48.1	48.9	49.6	49.9	49.9	50.1	50.1	50.6	51.9
≥ 16000	.5	39.8	43.0	45.3	46.6	47.1	47.6	48.1	48.9	49.6	49.9	49.9	50.1	50.1	50.6	51.9
≥ 14000	.5	40.3	44.1	45.8	47.1	47.6	48.1	48.6	49.4	50.1	50.4	50.4	50.6	50.6	51.1	52.4
≥ 12000	.5	41.8	45.6	47.4	48.6	49.1	49.6	50.1	50.9	51.6	51.9	51.9	52.1	52.1	52.6	53.9
≥ 10000	.5	43.8	47.6	49.4	50.9	51.4	51.9	52.4	53.1	54.2	54.4	54.4	54.7	54.7	55.2	56.4
≥ 9000	.5	44.1	47.9	49.6	51.1	51.6	52.1	52.6	53.4	54.4	54.7	54.7	54.9	54.9	55.4	56.7
≥ 8000	.5	45.1	49.4	51.1	52.9	53.4	53.9	54.4	55.2	56.2	56.4	56.4	56.7	56.7	57.2	58.4
≥ 7000	.5	46.1	50.4	52.1	53.9	54.4	54.9	55.4	56.2	57.2	57.4	57.4	57.7	57.7	58.2	59.4
≥ 6000	.5	46.9	51.6	53.7	55.4	55.9	56.4	56.9	57.7	58.7	58.9	58.9	59.2	59.2	59.7	61.0
≥ 5000	.5	47.9	53.1	55.2	56.9	57.4	57.9	58.4	59.2	60.2	60.5	60.5	60.7	60.7	61.2	62.5
≥ 4500	.5	49.4	54.7	56.7	58.4	58.9	59.4	59.9	60.7	61.7	62.0	62.0	62.2	62.2	62.7	64.0
≥ 4000	.5	50.4	55.7	57.7	59.4	59.9	60.5	61.0	61.7	62.7	63.0	63.0	63.2	63.2	63.7	65.0
≥ 3500	.5	52.4	57.7	59.7	61.5	62.0	62.5	63.0	63.7	64.7	65.0	65.0	65.2	65.2	65.7	67.0
≥ 3000	.5	53.4	58.9	61.0	62.7	63.2	63.7	64.7	65.5	66.5	66.8	66.8	67.0	67.0	67.5	68.8
≥ 2500	.5	54.4	59.9	62.0	63.7	64.2	64.7	65.7	66.5	67.5	67.8	67.8	68.0	68.0	68.8	70.0
≥ 2000	.5	55.2	61.2	63.2	65.0	65.5	66.0	67.3	68.0	69.0	69.3	69.3	69.5	69.5	70.3	71.5
≥ 1800	.5	55.7	62.0	64.0	65.7	66.2	66.8	68.0	68.8	69.8	70.0	70.0	70.3	70.3	71.0	72.3
≥ 1500	.5	57.2	64.0	66.0	67.8	68.3	69.3	70.8	71.5	72.5	72.8	72.8	73.0	73.0	73.8	75.1
≥ 1200	.5	57.9	65.2	67.3	69.0	69.5	70.8	72.3	73.0	74.1	74.3	74.3	74.6	74.6	75.3	76.6
≥ 1000	.5	59.9	67.8	69.8	71.5	72.0	73.3	74.8	75.6	76.6	76.8	76.8	77.1	77.1	77.8	79.1
≥ 900	.5	60.5	68.5	70.5	72.5	73.0	74.3	75.8	76.6	77.6	77.8	77.8	78.1	78.1	78.8	80.1
≥ 800	.5	61.5	69.5	71.5	74.1	74.6	75.8	77.3	78.1	79.1	79.3	79.3	79.6	79.6	80.4	81.6
≥ 700	.5	61.7	69.8	72.0	74.6	75.6	76.8	79.1	79.8	80.9	81.1	81.1	81.4	81.4	82.1	83.4
≥ 600	.5	63.5	71.8	74.1	76.8	77.8	79.8	82.4	83.1	84.1	84.6	84.6	84.9	84.9	85.6	86.9
≥ 500	.5	64.0	72.3	74.6	77.3	78.3	80.9	83.4	84.1	85.4	85.9	85.9	86.1	86.1	86.9	88.2
≥ 400	.5	64.0	72.3	74.6	77.8	79.1	82.4	85.6	86.6	87.9	89.2	89.2	89.4	89.4	90.2	91.4
≥ 300	.5	64.2	73.0	75.3	79.1	80.4	84.4	87.9	89.2	90.9	92.4	92.4	92.9	92.9	93.7	95.7
≥ 200	.5	64.2	73.0	75.3	79.1	80.4	84.4	88.4	89.7	91.7	93.5	93.5	94.0	94.2	95.2	97.5
≥ 100	.5	64.2	73.0	75.3	79.6	80.9	84.9	88.9	90.2	92.2	94.0	94.2	94.7	95.2	96.5	99.0
0	.5	64.2	73.0	75.3	79.6	80.9	84.9	88.9	90.2	92.2	94.0	94.2	95.0	95.5	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 397

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.5	43.3	45.6	46.1	46.6	46.6	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3
≥ 20000	.5	49.8	51.9	52.5	53.0	53.0	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
≥ 18000	.5	50.0	52.1	52.7	53.2	53.2	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9
≥ 16000	.5	50.0	52.1	52.7	53.2	53.2	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9
≥ 14000	.5	50.4	52.7	53.2	53.9	53.9	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.6
≥ 12000	.5	50.9	53.2	53.9	54.6	54.6	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.3
≥ 10000	.5	53.2	55.5	56.2	56.9	56.9	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.8
≥ 9000	.5	53.7	56.0	56.7	57.4	57.4	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
≥ 8000	.5	55.1	58.0	58.7	59.7	59.7	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6
≥ 7000	.5	55.8	58.7	59.4	60.4	60.4	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.3
≥ 6000	.5	56.5	59.7	60.4	61.5	61.5	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.4
≥ 5000	.5	57.2	60.8	61.5	62.5	62.5	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
≥ 4500	.5	58.5	62.0	62.7	63.8	63.8	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 4000	.5	61.0	64.7	65.4	66.4	66.4	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3
≥ 3500	.5	62.4	66.4	67.1	68.2	68.2	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.1
≥ 3000	.5	63.8	68.0	68.9	70.0	70.0	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8
≥ 2500	.5	64.7	69.4	70.3	71.7	71.7	72.3	72.6	72.6	72.8	72.8	72.8	73.0	73.0	73.0	73.1
≥ 2000	.5	66.4	71.4	72.3	74.0	74.0	74.6	74.9	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.4
≥ 1800	.5	67.5	72.6	73.5	75.3	75.3	75.8	76.1	76.1	76.3	76.3	76.3	76.5	76.5	76.5	76.7
≥ 1500	.5	69.1	74.6	75.6	77.4	77.4	78.1	78.4	78.4	78.6	78.6	78.6	78.8	78.8	78.8	79.0
≥ 1200	.5	71.4	77.2	78.4	80.2	80.4	81.6	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.5
≥ 1000	.5	72.3	78.4	79.9	81.8	82.0	83.2	83.6	83.6	83.7	83.7	83.7	83.9	83.9	83.9	84.1
≥ 900	.5	73.1	79.3	80.7	82.7	82.9	84.1	84.5	84.5	84.6	84.6	84.6	84.8	84.8	84.8	85.0
≥ 800	.5	74.4	80.7	82.5	84.5	84.6	85.9	86.2	86.2	86.4	86.4	86.4	86.6	86.6	86.6	86.7
≥ 700	.5	75.6	82.5	85.2	87.3	87.6	89.0	89.4	89.4	89.6	89.6	89.6	89.8	89.8	89.8	89.9
≥ 600	.5	75.8	83.0	85.7	87.8	88.2	89.8	90.1	90.1	90.5	90.5	90.5	90.6	90.6	90.6	90.8
≥ 500	.5	76.3	84.3	87.1	89.2	89.9	91.5	91.9	92.0	92.4	92.4	92.4	92.6	92.6	92.6	92.8
≥ 400	.5	76.7	84.5	87.5	90.1	91.2	93.1	94.2	94.7	95.4	95.8	95.8	96.1	96.1	96.1	96.3
≥ 300	.5	76.7	84.5	87.5	90.3	92.2	94.3	95.8	96.6	97.5	98.2	98.2	98.8	98.8	98.9	99.1
≥ 200	.5	76.7	84.5	87.5	90.3	92.2	94.3	96.1	97.0	97.9	98.6	98.6	99.1	99.1	99.5	99.6
≥ 100	.5	76.7	84.5	87.5	90.3	92.2	94.3	96.1	97.0	97.9	98.6	98.8	99.3	99.3	99.6	100.0
≥ 0	.5	76.7	84.5	87.5	90.3	92.2	94.3	96.1	97.0	97.9	98.6	98.8	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS ... 566

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FLRT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	1.1	48.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	1.1	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 18000	1.1	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 16000	1.1	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 14000	1.1	52.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000	1.1	55.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	1.1	56.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	1.1	56.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 8000	1.1	59.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 7000	1.1	61.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 6000	1.1	63.1	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 5000	1.1	63.5	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 4500	1.1	64.2	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4000	1.1	65.8	67.5	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 3500	1.1	67.9	69.8	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3000	1.1	71.6	73.5	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
≥ 2500	1.1	75.8	78.0	78.3	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2000	1.1	80.2	82.9	83.6	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	1.1	81.0	83.6	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	1.1	84.3	87.7	88.4	88.7	88.7	88.7	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	1.1	85.2	89.1	90.3	91.4	91.4	91.5	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	1.1	86.1	89.9	91.2	92.2	92.2	92.4	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	1.1	86.2	90.3	91.5	92.6	92.6	92.8	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	1.1	86.4	91.5	92.8	94.0	94.0	94.2	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	1.1	86.8	92.2	93.5	94.7	94.7	94.9	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	1.1	87.1	93.1	94.4	95.9	96.1	96.3	96.5	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	1.1	87.5	93.7	94.9	96.6	96.8	97.2	97.4	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	1.1	87.5	93.7	94.9	97.0	97.5	97.9	98.4	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	1.1	87.5	93.7	94.9	97.0	97.7	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	1.1	87.5	93.7	94.9	97.0	97.7	98.1	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.1	87.5	93.7	94.9	97.0	97.7	98.1	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.1	87.5	93.7	94.9	97.0	97.7	98.1	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 567

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	1.1	53.4	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	1.1	58.8	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 18000	1.1	58.8	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 16000	1.1	58.8	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 14000	1.1	59.3	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	1.1	61.9	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000	1.1	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	1.1	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3000	1.1	68.1	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	1.1	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 6000	1.1	72.6	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	1.1	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	1.1	73.2	73.4	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
≥ 4000	1.1	75.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500	1.1	76.6	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	1.1	79.7	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2500	1.1	81.1	82.2	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	1.1	83.9	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	1.1	83.9	85.9	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	1.1	87.0	89.8	90.7	90.7	90.7	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	1.1	87.5	90.7	91.8	91.8	91.8	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	1.1	88.1	91.8	92.9	92.9	92.9	93.2	93.5	93.5	93.8	93.8	93.8	94.1	94.1	94.1	94.1
≥ 900	1.1	88.1	91.8	92.9	92.9	92.9	93.2	93.5	93.5	93.8	93.8	93.8	94.1	94.1	94.1	94.1
≥ 800	1.1	88.7	92.4	93.5	93.5	93.8	94.1	94.4	94.4	94.6	94.6	94.6	94.9	94.9	94.9	94.9
≥ 700	1.1	89.3	93.2	94.6	94.9	95.2	95.5	95.8	95.8	96.0	96.0	96.0	96.3	96.3	96.3	96.3
≥ 60	1.1	89.3	93.2	94.9	95.2	95.5	96.0	96.3	96.3	97.2	97.2	97.2	97.5	97.5	97.5	97.5
≥ 500	1.1	89.3	93.5	95.2	95.5	95.8	96.3	96.6	96.6	97.5	97.5	97.5	97.7	97.7	97.7	97.7
≥ 400	1.1	89.8	94.1	95.8	96.6	96.9	97.5	97.7	97.7	98.6	98.6	98.6	98.9	98.9	98.9	98.9
≥ 300	1.1	89.8	94.1	95.8	97.2	97.5	98.0	98.6	98.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	1.1	89.8	94.1	95.8	97.2	97.5	98.0	98.6	98.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	1.1	89.8	94.1	95.8	97.2	97.5	98.0	98.6	98.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	1.1	89.8	94.1	95.8	97.2	97.5	98.0	98.6	98.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 354

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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CEILING VERSUS VISIBILITY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 73 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 72 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

USAF ETAC FORM NO. 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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING		31.2	32.8	33.9	34.1	34.3	34.5	35.2	35.2	35.2	35.2	35.2	35.6	35.8	36.2	37.1
≥ 20000		34.5	36.8	38.5	39.2	39.4	39.6	40.2	40.2	40.2	40.2	40.2	40.6	41.1	41.5	42.7
≥ 18000		34.5	37.1	38.7	39.4	39.6	39.8	40.6	40.6	40.6	40.6	40.6	41.1	41.5	41.9	43.2
≥ 16000		34.5	37.1	38.7	39.4	39.6	39.8	40.6	40.6	40.6	40.6	40.6	41.1	41.5	41.9	43.2
≥ 14000		34.5	37.3	38.9	39.8	40.0	40.2	41.1	41.1	41.1	41.1	41.1	41.5	41.9	42.3	43.6
≥ 12000		34.9	37.7	39.6	40.4	40.6	40.8	41.7	41.7	41.7	41.7	41.7	42.1	42.5	42.9	44.2
≥ 10000		35.2	38.7	40.4	41.3	41.5	41.7	42.5	42.5	42.5	42.5	42.5	42.9	43.4	43.8	45.1
≥ 9000		35.8	38.7	40.4	41.3	41.5	41.7	42.5	42.5	42.5	42.5	42.5	42.9	43.4	43.8	45.1
≥ 8000		37.1	40.2	41.9	42.7	42.9	43.2	44.0	44.0	44.0	44.0	44.0	44.4	44.8	45.3	46.5
≥ 7000		38.3	41.5	43.2	44.4	44.6	44.8	45.7	45.7	45.7	45.7	45.7	46.1	46.5	46.9	48.2
≥ 6000		38.7	41.9	43.6	44.8	45.1	45.3	46.1	46.1	46.1	46.1	46.1	46.5	46.9	47.4	48.6
≥ 5000		39.8	42.9	44.6	45.9	46.1	46.3	47.2	47.2	47.2	47.2	47.2	47.6	48.0	48.4	49.7
≥ 4500		39.8	42.9	44.6	45.9	46.1	46.3	47.2	47.2	47.2	47.2	47.2	47.6	48.0	48.4	49.7
≥ 4000		41.7	44.8	46.5	47.8	48.0	48.2	49.1	49.1	49.1	49.1	49.1	49.5	49.9	50.3	51.6
≥ 3500		41.9	45.1	46.7	48.2	48.4	48.6	49.5	49.5	49.5	49.5	49.5	49.9	50.3	50.7	52.0
≥ 3000		43.4	46.9	48.6	50.1	50.3	50.5	51.8	51.8	51.8	51.8	51.8	52.2	52.6	53.1	54.3
≥ 2500		44.8	48.4	50.1	51.6	51.8	52.0	53.3	53.3	53.3	53.3	53.3	53.7	54.1	54.5	55.8
≥ 2000		46.3	50.1	51.8	53.3	53.5	53.7	54.9	54.9	55.2	55.2	55.2	55.6	56.0	56.4	57.7
≥ 1800		46.9	50.7	52.4	54.1	54.3	54.5	55.8	55.8	56.0	56.0	56.0	56.4	56.8	57.3	58.5
≥ 1500		49.5	53.5	55.2	57.3	57.7	57.9	59.2	59.2	59.4	59.4	59.4	59.8	60.2	60.6	61.9
≥ 1200		54.5	58.9	60.8	63.4	64.0	64.6	65.9	65.9	66.5	66.5	66.5	66.9	67.4	67.8	69.1
≥ 1000		57.1	61.5	63.6	66.9	67.6	68.4	69.7	69.7	70.5	70.5	70.5	70.9	71.4	71.8	73.1
≥ 900	.2	58.1	62.5	64.6	68.0	68.8	69.9	71.2	71.2	72.0	72.0	72.0	72.4	73.1	73.5	74.7
≥ 800	.2	58.9	64.4	66.5	69.9	70.7	71.8	73.1	73.1	73.9	73.9	73.9	74.3	74.9	75.4	76.6
≥ 700	.2	60.2	66.9	69.3	72.8	73.7	75.2	76.6	76.6	77.5	77.5	77.5	77.9	78.5	78.9	80.2
≥ 600	.2	60.6	67.6	69.9	74.1	74.9	76.4	78.1	78.1	78.9	78.9	78.9	79.4	80.0	80.4	81.7
≥ 500	.2	61.1	68.0	70.3	75.8	77.3	79.6	81.3	81.5	82.5	82.5	82.5	82.9	83.6	84.2	85.5
≥ 400	.2	61.1	68.0	70.3	76.4	78.5	81.9	84.0	84.2	85.9	86.1	86.1	86.5	87.4	88.0	89.5
≥ 300	.2	61.1	68.4	70.7	77.3	79.4	83.4	85.7	86.1	88.2	88.8	88.8	89.5	90.7	92.2	93.9
≥ 200	.2	61.1	68.4	70.7	77.3	79.4	83.4	86.5	86.7	89.3	90.1	90.1	91.8	93.3	95.6	97.7
≥ 100	.2	61.1	68.4	70.7	77.3	79.4	83.4	86.3	86.7	89.5	90.7	90.7	92.8	94.5	96.8	100.0
≥ 0	.2	61.1	68.4	70.7	77.3	79.4	83.4	86.3	86.7	89.5	90.7	90.7	92.8	94.5	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 475

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) MAR (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		40.6	41.2	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	42.0
≥ 20000		44.0	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.6
≥ 18000		44.0	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.6
≥ 16000		44.0	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.6
≥ 14000		44.4	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	46.1
≥ 12000		45.3	46.1	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.9	46.9	46.9	46.9	46.9	47.0
≥ 10000		46.9	47.6	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.5
≥ 9000		47.0	47.8	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.7
≥ 8000		48.9	49.8	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.7
≥ 7000		49.9	50.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.8
≥ 6000		50.8	51.8	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.7
≥ 5000		52.1	53.1	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.1
≥ 4500		52.5	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.5
≥ 4000		54.1	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	56.0
≥ 3500		55.3	56.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.3
≥ 3000		57.7	59.0	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	60.0
≥ 2500		59.4	60.9	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.9	61.9	61.9	61.9	61.9	62.0
≥ 2000		62.2	64.2	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.5
≥ 1800		63.6	65.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.2
≥ 1500		68.3	70.9	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.7
≥ 1200		72.3	75.8	77.3	77.6	77.6	77.8	77.8	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.3
≥ 1000		74.7	78.9	80.4	81.0	81.2	81.3	81.3	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.9
≥ 900		75.0	79.3	81.0	81.9	82.1	82.2	82.2	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.8
≥ 800		76.0	80.7	82.5	83.6	83.8	83.9	83.9	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.5
≥ 700		77.5	82.7	84.8	86.4	86.5	86.8	87.0	87.3	87.4	87.6	87.6	87.6	87.7	87.7	87.9
≥ 600		77.8	83.6	85.9	87.9	88.5	89.0	89.1	89.6	89.7	89.9	89.9	89.9	90.0	90.0	90.2
≥ 500		77.9	84.4	87.0	89.6	90.7	91.7	92.3	92.5	92.6	92.8	92.8	92.8	93.0	93.0	93.1
≥ 400		77.9	85.3	87.9	90.8	92.0	93.9	94.6	95.4	96.3	96.6	96.6	96.6	96.8	96.8	96.9
≥ 300		77.9	85.3	88.1	91.3	92.5	94.3	95.7	96.8	98.0	98.5	98.5	98.5	98.6	98.6	98.8
≥ 200		77.9	85.3	88.1	91.3	92.5	94.3	95.9	96.9	98.3	98.9	98.9	99.2	99.4	99.5	99.8
≥ 100		77.9	85.3	88.1	91.3	92.5	94.3	95.9	96.9	98.3	98.9	98.9	99.4	99.5	99.7	100.0
≥ 0		77.9	85.3	88.1	91.3	92.5	94.3	95.9	96.9	98.3	98.9	98.9	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 633

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FLRT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000		46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 18000		46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 16000		46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 14000		46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 12000		48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 10000		50.7	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 9000		50.9	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 8000		52.7	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 7000		53.5	54.3	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 6000		54.4	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 5000		55.0	56.0	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 4500		55.5	56.4	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 4000		57.2	58.4	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 3500		58.7	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 3000		64.9	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 2500		71.1	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 2000		75.7	77.9	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
≥ 1800		77.0	79.3	79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1500		80.7	83.2	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200		83.6	87.2	88.1	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000		84.9	89.6	90.7	91.3	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900		85.9	91.2	92.3	92.9	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800		86.6	92.4	93.5	94.2	94.6	94.7	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1
≥ 700		87.2	93.0	94.6	95.4	95.7	96.0	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
≥ 600		87.2	93.0	94.6	95.4	95.8	96.3	96.8	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1
≥ 500		87.3	93.4	95.1	96.0	96.4	97.2	97.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 400		87.3	93.4	95.1	96.1	96.6	98.3	99.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 300		87.3	93.4	95.1	96.3	96.8	98.6	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200		87.3	93.4	95.1	96.3	96.8	98.6	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100		87.3	93.4	95.1	96.3	96.8	98.6	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0		87.3	93.4	95.1	96.3	96.8	98.6	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 647

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) MAR (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING		41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000		48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 18000		48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 16000		48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000		48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 12000		49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 10000		51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 9000		52.7	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 8000		54.7	54.7	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 7000		56.0	56.0	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 6000		57.3	57.3	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 5000		59.1	59.1	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 4500		59.3	59.3	59.8	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 4000		62.7	62.9	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3500		65.0	65.2	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 3000		70.1	70.6	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2500		77.7	78.5	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000		82.6	83.6	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800		83.1	84.1	84.9	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500		84.9	86.4	87.2	87.7	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200		86.2	88.0	89.0	89.5	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000		87.5	90.0	91.0	92.1	92.3	92.6	92.8	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900		88.7	91.2	92.3	93.4	93.6	93.9	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800		89.0	91.8	92.8	93.9	94.1	94.4	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700		89.3	92.3	93.4	94.4	94.9	95.1	95.7	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600		89.3	92.3	93.4	94.4	94.9	95.1	95.9	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500		89.5	92.6	93.6	94.6	95.1	95.9	97.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400		89.5	92.6	93.6	95.4	95.9	96.7	98.0	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300		89.5	92.6	93.6	95.4	95.9	96.7	98.0	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200		89.5	92.6	93.6	95.4	95.9	96.7	98.0	98.5	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 100		89.5	92.6	93.6	95.4	95.9	96.7	98.0	98.5	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 0		89.5	92.6	93.6	95.4	95.9	96.7	98.0	98.5	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 391

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		34.5	35.7	36.6	36.6	37.4	38.0	38.0	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000		37.8	39.8	40.7	40.7	41.5	42.1	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 18000		37.3	39.8	40.7	40.7	41.5	42.1	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 16000		37.8	39.8	40.7	40.7	41.5	42.1	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 14000		38.2	40.2	41.1	41.1	41.9	42.5	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 12000		38.4	40.5	41.3	41.3	42.1	42.7	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 10000		40.2	42.3	43.1	43.1	43.9	44.6	44.8	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 9000		40.7	42.7	43.5	43.5	44.4	45.0	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 8000		42.7	44.8	45.8	45.8	46.6	47.2	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 7000		42.7	44.8	46.0	46.0	46.8	47.4	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 6000		42.9	45.2	46.4	46.4	47.2	48.0	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 5000		43.7	46.0	47.4	47.6	48.7	49.5	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 4500		43.9	46.2	47.6	47.8	48.9	49.7	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 4000		45.4	47.6	49.1	49.3	50.3	51.1	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	52.0
≥ 3500		46.4	48.7	50.1	50.3	51.3	52.2	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	53.0
≥ 3000		48.3	50.7	52.2	52.4	53.4	54.4	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.4
≥ 2500		50.3	53.2	54.6	54.8	55.9	56.9	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.9
≥ 2000		51.7	54.8	56.3	56.9	57.9	59.3	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.4
≥ 1800		52.0	55.4	56.9	57.5	58.5	60.0	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	61.0
≥ 1500	.2	54.3	58.3	59.8	60.4	61.4	63.2	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 1200	.2	56.3	60.2	61.8	63.2	64.3	66.1	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	68.0
≥ 1000	.2	58.5	63.7	66.1	69.0	70.0	72.1	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.9
≥ 900	.2	59.3	64.7	67.1	70.6	71.7	73.9	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.8
≥ 800	.2	60.0	65.5	68.0	72.1	73.3	75.8	77.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.8
≥ 700	.2	60.4	66.7	70.0	74.9	76.4	79.3	80.7	80.7	81.1	81.1	81.1	81.3	81.3	81.3	81.5
≥ 600	.2	60.6	67.4	71.5	77.0	78.4	82.1	83.6	83.8	84.2	84.2	84.2	84.4	84.4	84.6	84.8
≥ 500	.2	60.8	67.6	72.7	78.6	80.9	84.6	87.1	87.5	88.1	88.3	88.3	89.1	89.1	89.3	89.5
≥ 400	.2	61.4	68.6	73.9	79.9	83.0	87.5	90.1	91.0	92.2	92.4	92.6	93.8	93.8	94.0	94.2
≥ 300	.2	61.4	68.6	73.9	79.9	83.0	87.5	90.1	91.2	92.8	93.2	93.8	95.1	95.1	95.5	95.7
≥ 200	.2	61.4	68.6	73.9	79.9	83.0	87.5	90.1	91.2	92.8	93.6	94.3	95.7	95.7	96.1	96.5
≥ 100	.2	61.4	68.6	73.9	79.9	83.0	87.5	90.1	91.2	92.8	93.6	94.3	95.7	96.1	97.5	98.6
0	.2	61.4	68.6	73.9	79.9	83.0	87.5	90.1	91.2	92.8	93.6	94.3	95.7	96.1	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 487

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000		42.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 18000		42.6	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 16000		42.6	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 14000		42.6	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 12000		42.8	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 10000		45.3	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 9000		45.6	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 8000		47.5	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 7000		48.3	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 6000		49.2	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 5000		50.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4500		50.2	52.2	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 4000		51.4	53.4	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 3500		52.8	54.9	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 3000		56.3	58.3	58.8	58.9	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 2500		60.0	62.4	62.9	63.0	63.0	63.2	63.3	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5
≥ 2000		63.0	66.0	66.5	67.1	67.1	67.2	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6
≥ 1800		64.6	67.6	68.0	68.7	68.7	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
≥ [illegible]		69.9	73.7	74.1	74.8	74.8	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4
≥ 1200		73.3	78.5	79.8	81.0	81.0	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1000		76.3	82.0	83.5	85.0	85.0	85.6	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9
≥ 900		77.6	83.5	85.3	86.8	86.8	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800		78.2	84.3	86.4	88.6	88.7	89.7	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6
≥ 700		79.0	85.6	87.9	90.1	90.4	91.4	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600		79.5	86.2	88.7	91.2	91.5	92.6	93.9	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500		79.6	86.4	89.3	92.0	92.5	94.2	95.8	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400		79.8	86.7	89.7	92.3	92.9	95.6	97.5	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300		79.8	86.7	89.7	92.5	93.1	95.8	97.6	98.3	98.7	99.5	99.5	99.7	99.7	99.7	99.7
≥ 200		79.8	86.7	89.7	92.5	93.1	95.8	97.6	98.3	98.7	99.7	99.7	99.8	99.8	99.8	100.0
≥ 100		79.8	86.7	89.7	92.5	93.1	95.8	97.6	98.3	98.7	99.7	99.7	99.8	99.8	99.8	100.0
≥ 0		79.8	86.7	89.7	92.5	93.1	95.8	97.6	98.3	98.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 638

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

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 67-76 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.2	44.0	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	44.7
≥ 20000	.2	49.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 18000	.2	49.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 16000	.2	49.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 14000	.2	50.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 12000	.2	50.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	.2	52.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 9000	.2	53.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 8000	.2	55.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 7000	.2	56.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 6000	.2	58.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	.2	59.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4500	.2	59.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 4000	.2	61.8	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 3500	.2	63.8	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3000	.2	69.0	70.8	70.8	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 2500	.2	75.5	77.9	78.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000	.2	81.7	84.8	85.4	86.5	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1800	.2	82.3	85.6	86.2	87.3	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	.2	84.8	88.4	89.0	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	.2	86.8	90.9	91.7	92.9	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	.2	87.0	91.1	92.0	93.7	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	.2	87.5	91.7	92.6	94.5	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	.2	87.9	92.2	93.1	95.0	95.6	95.9	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	.2	88.9	93.1	94.2	96.2	96.9	97.2	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	.2	88.9	93.1	94.2	96.6	97.2	97.5	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	.2	88.9	93.1	94.2	96.6	97.3	98.0	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	.2	88.9	93.1	94.2	96.7	97.5	98.3	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	.2	88.9	93.1	94.2	96.7	97.5	98.3	99.2	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	.2	88.9	93.1	94.2	96.7	97.5	98.3	99.2	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	.2	88.9	93.1	94.2	96.7	97.5	98.3	99.2	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	.2	88.9	93.1	94.2	96.7	97.5	98.3	99.2	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 638

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) APR (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	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000		59.8	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 18000		59.8	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000		59.8	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000		61.4	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000		62.0	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000		65.0	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000		65.3	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
≥ 8000		67.5	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	68.6
≥ 7000		68.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000		71.6	73.0	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
≥ 5000		71.9	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500		72.5	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4000		74.1	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
≥ 3500		76.3	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3000		80.2	82.4	82.6	82.6	82.6	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500		83.5	85.7	86.2	86.5	86.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000		87.1	89.5	90.6	90.9	90.9	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800		87.9	90.4	91.5	91.7	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500		89.8	92.3	93.4	93.7	93.7	93.9	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200		90.6	93.1	94.8	95.0	95.0	95.3	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000		90.6	93.1	94.8	95.0	95.0	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900		90.6	93.1	94.8	95.0	95.0	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800		90.6	93.1	95.0	95.6	95.6	96.1	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700		90.6	93.1	95.0	95.6	95.6	96.1	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600		90.6	93.1	95.0	95.6	95.6	96.4	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500		90.6	93.1	95.0	95.6	96.1	97.2	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400		90.6	93.4	95.3	96.1	96.7	97.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		90.6	93.4	95.3	96.1	96.7	97.8	98.9	98.9	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 200		90.6	93.4	95.3	96.1	96.7	97.8	98.9	98.9	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 100		90.6	93.4	95.3	96.1	96.7	97.8	98.9	98.9	99.7	99.7	99.7	99.7	99.7	100.0	100.0
0		90.6	93.4	95.3	96.1	96.7	97.8	98.9	98.9	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 363

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 74 76 (YEARS) MAY (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 ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000						50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1800 ≥ 1500						50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0
≥ 1200 ≥ 1000		50.0	50.0	50.0	50.0	50.0 100.0	50.0 100.0	50.0 100.0	50.0 100.0	50.0 100.0	50.0 100.0	50.0 100.0	50.0 100.0	50.0 100.0	50.0 100.0	50.0 100.0
≥ 900 ≥ 800		50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 700 ≥ 600		50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 500 ≥ 400		50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 300 ≥ 200		50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 100 0		50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		34.8	40.8	43.2	45.8	47.8	49.6	50.9	51.2	51.4	51.7	51.7	51.8	52.0	52.0	52.3
≥ 20000		36.7	42.9	45.8	48.3	50.4	52.3	53.6	53.9	54.2	54.5	54.5	54.7	54.9	54.9	55.2
≥ 18000		36.7	42.9	45.8	48.3	50.6	52.5	53.7	54.1	54.4	54.7	54.7	54.9	55.0	55.0	55.3
≥ 16000		36.7	42.9	45.8	48.3	50.6	52.5	53.7	54.1	54.4	54.7	54.7	54.9	55.0	55.0	55.3
≥ 14000		37.0	43.2	46.1	48.6	50.9	52.8	54.1	54.4	54.9	55.2	55.2	55.3	55.5	55.5	55.8
≥ 12000		38.0	44.5	47.7	50.2	52.8	54.7	56.1	56.5	56.9	57.3	57.3	57.4	57.6	57.6	57.9
≥ 10000		40.7	47.5	50.7	53.3	56.0	58.1	59.6	60.0	60.4	60.8	60.8	60.9	61.1	61.1	61.4
≥ 9000		40.7	47.5	50.7	53.4	56.1	58.2	60.0	60.3	60.8	61.1	61.1	61.2	61.4	61.4	61.9
≥ 8000		42.6	49.8	53.0	55.8	58.5	60.6	62.4	62.7	63.2	63.5	63.5	63.8	64.0	64.0	64.4
≥ 7000		42.7	49.9	53.1	56.3	59.0	61.1	63.0	63.5	64.0	64.3	64.3	64.6	64.8	64.8	65.2
≥ 6000		43.5	50.7	53.9	57.1	59.8	61.9	63.8	64.3	64.8	65.1	65.1	65.4	65.6	65.6	66.0
≥ 5000		44.2	51.4	54.5	57.7	60.4	62.7	64.6	65.1	65.6	65.9	65.9	66.2	66.3	66.3	66.8
≥ 4500		44.2	51.4	54.5	57.7	60.4	62.7	64.6	65.1	65.6	65.9	65.9	66.2	66.3	66.3	66.8
≥ 4000		45.3	52.5	55.7	59.0	62.0	64.3	66.2	66.7	67.1	67.5	67.5	67.8	67.9	67.9	68.4
≥ 3500		45.5	53.0	56.1	59.5	62.5	64.8	66.8	67.3	67.8	68.1	68.1	68.4	68.6	68.6	69.1
≥ 3000		46.7	54.2	57.6	61.1	64.1	66.3	68.4	68.9	69.4	69.9	69.9	70.2	70.3	70.3	70.8
≥ 2500		48.8	56.5	59.8	63.5	66.5	68.7	70.8	71.3	71.9	72.0	72.6	72.9	73.0	73.0	73.5
≥ 2000		49.4	57.3	60.8	64.9	67.9	70.2	72.4	72.9	73.5	74.2	74.2	74.5	74.6	74.6	75.1
≥ 1800		50.1	57.9	61.4	65.6	68.6	70.8	73.0	73.5	74.2	74.8	75.0	75.3	75.4	75.4	75.9
≥ 1500		51.2	60.0	63.6	67.9	71.0	73.2	75.4	75.9	76.6	77.2	77.4	77.7	77.8	77.8	78.3
≥ 1200		52.0	61.2	65.4	70.2	73.2	75.4	77.7	78.1	78.8	79.4	79.6	79.9	80.1	80.1	80.5
≥ 1000		53.3	62.7	67.1	72.1	75.3	78.1	80.4	80.9	81.5	82.1	82.3	82.6	82.8	82.8	83.3
≥ 900		53.7	63.2	67.8	72.9	76.2	79.1	81.3	81.8	82.5	83.1	83.3	83.6	83.7	83.7	84.2
≥ 800		54.9	64.4	69.2	74.8	78.1	81.5	83.9	84.4	85.2	85.8	86.0	86.3	86.4	86.4	86.9
≥ 700		55.8	65.6	70.5	76.1	79.6	83.4	85.8	86.4	87.2	87.9	88.0	88.4	88.5	88.5	89.0
≥ 600		56.3	66.8	72.1	77.7	81.2	85.2	87.9	88.5	89.3	90.0	90.1	90.4	90.6	90.6	91.1
≥ 500		56.8	67.6	72.9	78.6	82.3	86.6	90.0	90.6	91.4	92.0	92.2	92.5	92.7	92.8	93.3
≥ 400		57.6	68.6	73.8	79.6	83.3	88.4	92.2	93.1	94.4	95.5	95.9	96.3	96.5	96.8	97.3
≥ 300		57.7	68.7	74.0	79.9	83.6	88.7	92.5	93.5	94.9	96.2	96.5	97.1	97.3	97.9	98.4
≥ 200		57.7	68.7	74.0	79.9	83.6	88.7	92.5	93.5	95.1	96.5	96.8	97.4	97.6	98.4	99.2
≥ 100		57.7	68.7	74.0	79.9	83.6	88.7	92.5	93.5	95.1	96.5	96.8	97.4	97.6	98.4	99.7
≥ 0		57.7	68.7	74.0	79.9	83.6	88.7	92.5	93.5	95.1	96.5	96.8	97.4	97.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 627

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		47.4	50.4	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000		51.8	55.2	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000		51.8	55.2	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000		51.8	55.2	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000		51.8	55.2	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 12000		53.3	56.8	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000		55.7	59.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000		56.2	60.2	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000		57.3	61.8	63.5	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000		58.4	62.4	64.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000		58.4	62.4	64.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 5000		59.0	63.2	65.3	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4500		59.4	63.5	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4000		59.7	64.2	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3500		61.3	65.8	68.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 3000		64.5	69.1	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
≥ 2500		69.6	74.9	77.3	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2000		73.3	79.4	82.1	82.7	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800		74.6	80.8	83.5	84.2	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500		77.8	84.2	87.2	88.3	88.3	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200		79.5	85.9	89.1	90.7	90.9	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000		80.6	87.5	91.0	93.0	93.1	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900		80.6	87.5	91.0	93.0	93.1	93.6	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800		81.0	88.3	91.8	93.9	94.2	94.9	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700		81.6	89.1	92.8	94.9	95.2	96.0	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600		81.9	89.8	93.6	95.8	96.2	97.1	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500		82.6	90.6	94.4	96.8	97.1	98.4	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		82.6	90.6	94.6	97.1	97.4	98.7	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		82.6	90.6	94.6	97.1	97.4	98.7	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		82.6	90.6	94.6	97.1	97.4	98.7	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		82.6	90.6	94.6	97.1	97.4	98.7	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		82.6	90.6	94.6	97.1	97.4	98.7	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 625

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		50.8	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000		57.0	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000		57.2	59.2	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000		57.2	59.2	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000		57.8	59.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000		58.9	61.0	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000		61.1	63.7	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 9000		61.3	63.9	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000		63.1	65.9	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 7000		63.4	66.2	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000		64.2	67.0	67.8	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 5000		66.7	69.6	70.5	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4500		67.2	70.4	71.3	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000		69.6	72.8	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500		73.9	77.2	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3000		77.4	80.9	81.8	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500		83.3	86.9	88.4	88.7	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000		85.0	88.9	90.3	90.8	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800		85.8	89.8	91.2	91.9	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500		86.9	91.1	92.5	93.6	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200		86.9	91.1	92.5	93.8	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000		87.4	91.5	93.5	94.9	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900		87.4	92.4	93.9	95.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800		87.6	92.5	94.4	96.2	97.1	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700		87.7	93.2	95.1	96.8	97.8	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		88.1	93.5	95.4	97.3	98.2	99.0	99.0	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 500		88.2	93.6	95.5	97.6	98.6	99.4	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400		88.2	93.6	95.5	97.6	98.6	99.4	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300		88.2	93.6	95.5	97.6	98.6	99.4	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200		88.2	93.6	95.5	97.6	98.6	99.4	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100		88.2	93.6	95.5	97.6	98.6	99.4	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0		88.2	93.6	95.5	97.6	98.6	99.4	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 628

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		53.4	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000		62.4	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000		62.4	64.1	64.1	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		62.4	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000		62.8	64.5	64.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000		64.5	66.2	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000		65.8	68.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000		65.8	68.8	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000		68.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000		69.7	72.6	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000		70.5	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000		71.4	74.4	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500		71.8	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4000		73.1	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500		77.8	81.6	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000		80.8	84.6	84.6	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500		83.8	88.0	88.0	88.9	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000		85.5	89.7	90.2	91.5	91.9	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800		85.5	89.7	90.2	91.5	91.9	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500		85.9	90.2	90.6	92.3	92.7	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200		86.8	91.5	91.9	93.6	94.0	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000		87.2	92.3	92.7	94.4	94.9	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900		87.2	92.7	93.2	94.9	95.3	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800		87.6	93.6	94.0	96.2	96.6	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700		88.0	94.4	94.9	97.0	97.9	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		88.5	94.9	95.3	97.4	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500		88.5	94.9	95.3	97.4	98.3	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		88.5	94.9	95.3	97.4	98.3	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		88.5	94.9	95.3	97.4	98.3	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		88.5	94.9	95.3	97.4	98.3	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		88.5	94.9	95.3	97.4	98.3	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		88.5	94.9	95.3	97.4	98.3	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 234

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

1

CEILING VERSUS VISIBILITY

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 76 YEARS — MAY 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		45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 20000		64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000		64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000		64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 14000		64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000		64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000		64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000		64.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 8000		75.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000		75.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000		75.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000		75.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500		75.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000		83.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500		86.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000		86.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500		86.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000		86.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800		86.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500		86.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200		86.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000		86.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900		86.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800		86.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700		86.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600		86.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 37

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71 76 (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		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 14000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 12000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 10000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 9000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 8000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 7000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 6000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 5000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4500		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3500		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2

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

1

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING		41.2	49.4	52.4	56.1	56.4	57.9	58.5	58.8	59.3	59.3	59.3	59.6	60.0	60.8	60.9
≥ 20000		43.7	52.3	55.6	59.6	60.0	61.4	62.2	62.7	63.2	63.2	63.2	63.5	63.8	64.8	65.0
≥ 18000		43.7	52.3	55.6	59.6	60.1	61.6	62.4	62.9	63.3	63.3	63.3	63.7	64.0	65.0	65.1
≥ 16000		43.7	52.3	55.6	59.6	60.1	61.5	62.4	62.9	63.5	63.5	63.5	63.8	64.1	65.1	65.3
≥ 14000		43.9	52.6	55.9	60.0	60.5	61.9	62.7	63.2	63.8	63.8	63.8	64.1	64.5	65.4	65.6
≥ 12000		45.3	54.5	58.0	62.1	62.5	64.1	65.1	65.8	66.4	66.6	66.6	66.9	67.2	68.2	68.3
≥ 10000		47.4	57.1	60.7	65.0	65.4	67.0	68.2	68.8	69.5	69.6	69.6	69.9	70.3	71.2	71.5
≥ 9000		47.9	57.6	61.7	65.8	66.2	67.8	69.0	69.6	70.3	70.4	70.4	70.7	71.1	72.0	72.3
≥ 8000		49.8	60.0	64.1	68.2	68.6	70.3	71.4	72.2	72.8	73.0	73.0	73.3	73.6	74.6	74.9
≥ 7000		50.2	60.3	64.5	68.5	69.0	70.6	71.7	72.5	73.2	73.3	73.3	73.6	74.0	74.9	75.2
≥ 6000		50.3	60.5	64.6	68.6	69.1	70.7	71.9	72.7	73.3	73.5	73.5	73.9	74.1	75.1	75.4
≥ 5000		50.6	60.8	65.0	69.0	69.5	71.1	72.2	73.0	73.8	74.0	74.0	74.3	74.6	75.6	75.9
≥ 4500		50.6	60.8	65.0	69.0	69.5	71.1	72.2	73.0	73.8	74.0	74.0	74.3	74.6	75.6	75.9
≥ 4000		51.0	61.4	65.6	69.6	70.1	71.7	72.8	73.6	74.4	74.6	74.6	74.9	75.2	76.2	76.5
≥ 3500		51.1	61.6	65.8	69.8	70.3	71.9	73.0	73.8	74.6	74.8	74.8	75.1	75.4	76.5	76.8
≥ 3000		51.4	62.4	66.6	70.6	71.1	72.7	73.8	74.6	75.4	75.6	75.6	75.9	76.2	77.3	77.7
≥ 2500		51.4	62.4	66.9	70.9	71.4	73.2	74.4	75.2	76.0	76.2	76.2	76.5	76.8	78.0	78.3
≥ 2000		52.1	63.0	67.5	71.9	72.3	74.1	75.4	76.2	77.0	77.2	77.2	77.5	77.8	78.9	79.3
≥ 1800		52.3	63.2	67.7	72.0	72.5	74.3	75.6	76.4	77.2	77.3	77.3	77.7	78.0	79.1	79.4
≥ 1500		53.7	64.8	69.3	73.6	74.1	75.9	77.3	78.1	78.9	79.1	79.1	79.4	79.7	80.9	81.2
≥ 1200		54.0	65.3	70.1	74.4	74.9	76.7	78.1	79.1	79.9	80.1	80.1	80.4	80.7	81.8	82.2
≥ 1000		54.7	66.6	71.5	76.0	76.7	78.5	80.1	81.4	82.2	82.3	82.3	82.6	83.0	84.1	84.4
≥ 900		55.5	67.5	72.7	77.7	78.3	80.1	81.8	83.1	83.9	84.1	84.1	84.4	84.7	85.9	86.2
≥ 800		56.4	68.5	74.1	79.1	79.9	81.8	83.6	84.9	85.7	85.9	85.9	86.2	86.5	87.6	87.9
≥ 700		57.9	70.3	76.0	81.5	82.5	84.7	86.5	87.8	88.6	88.7	88.7	89.1	89.4	90.5	90.8
≥ 600		58.5	71.1	77.0	83.0	84.1	86.3	88.3	89.5	90.5	90.7	90.7	91.0	91.5	92.6	92.9
≥ 500		59.2	71.7	78.0	84.2	85.4	87.9	89.9	91.2	92.1	92.3	92.3	92.9	93.6	95.0	95.3
≥ 400		59.3	72.5	79.1	85.5	86.7	89.9	92.4	93.7	94.7	94.9	94.9	95.5	96.1	97.7	98.2
≥ 300		59.5	72.7	79.3	85.7	86.8	90.0	92.9	94.2	95.3	95.5	95.5	96.1	96.8	98.4	99.0
≥ 200		59.5	72.7	79.3	85.7	86.8	90.0	93.1	94.4	95.5	95.7	95.7	96.3	96.9	98.9	99.7
≥ 100		59.5	72.7	79.3	85.7	86.8	90.0	93.1	94.4	95.5	95.7	95.7	96.3	96.9	98.9	99.7
≥ 0		59.5	72.7	79.3	85.7	86.8	90.0	93.1	94.4	95.5	95.7	95.7	96.3	96.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 522

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JUL (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		57.9	61.4	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000		64.1	67.8	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000		64.1	67.8	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 16000		64.1	67.8	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 14000		64.9	68.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000		66.3	70.0	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000		69.5	73.3	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000		69.7	73.5	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000		71.6	75.4	77.0	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 7000		71.9	75.7	77.3	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000		72.5	76.5	78.1	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000		72.7	76.7	78.3	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500		72.7	76.7	78.3	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000		73.8	77.8	79.4	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500		74.8	78.7	80.3	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000		78.9	82.9	84.4	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500		81.0	84.9	86.5	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000		83.7	87.8	89.4	90.2	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800		84.8	89.0	90.6	91.4	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500		86.8	91.1	92.9	93.7	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200		87.5	92.9	94.6	95.4	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000		88.6	94.1	95.9	96.8	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 900		89.2	94.8	96.5	97.5	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 800		89.5	95.1	96.8	97.8	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 700		89.7	95.2	97.1	98.3	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
≥ 600		89.7	95.2	97.1	98.4	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 500		89.8	95.4	97.3	98.6	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 400		89.8	95.4	97.3	98.6	98.6	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300		89.8	95.4	97.3	98.6	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 200		89.8	95.4	97.3	98.6	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 100		89.8	95.4	97.3	98.6	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0		89.8	95.4	97.3	98.6	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 630

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JU (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		54.4	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000		64.6	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000		64.6	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000		64.6	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000		65.2	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 12000		66.0	68.1	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000		69.8	72.5	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
≥ 9000		70.5	73.5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000		71.9	74.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000		72.5	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000		72.9	76.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000		73.2	76.5	77.5	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500		73.3	76.5	77.5	77.8	77.9	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4000		76.2	79.8	80.8	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500		81.0	85.1	86.2	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000		85.6	89.7	91.0	91.3	91.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500		89.5	94.0	95.2	95.6	95.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000		90.3	94.8	96.0	96.5	96.5	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800		90.3	94.8	96.0	96.5	96.5	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500		91.1	95.7	97.0	97.5	97.5	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200		91.6	96.2	97.5	97.9	97.9	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		91.7	96.5	97.8	98.4	98.4	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		91.9	96.7	97.9	98.6	98.6	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		91.9	96.7	97.9	98.7	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		91.9	96.7	97.9	98.7	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		91.9	96.7	97.9	98.7	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		91.9	96.8	98.1	98.9	98.9	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		91.9	96.8	98.1	98.9	98.9	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		91.9	96.8	98.1	98.9	98.9	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		91.9	96.8	98.1	98.9	98.9	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		91.9	96.8	98.1	98.9	98.9	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0		91.9	96.8	98.1	98.9	98.9	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 630

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 (STATION) FLRT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥⅛	≥¼	0
NO CEILING		54.6	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 22000		65.3	67.7	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
> 18000		65.7	68.1	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 16000		65.7	68.1	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 14000		66.5	68.9	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000		67.7	70.5	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 10000		71.7	74.5	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000		72.7	74.9	75.7	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		74.5	78.1	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
≥ 7000		75.7	79.7	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000		75.7	79.7	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000		76.9	80.9	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500		76.9	80.9	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000		80.9	85.3	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500		88.3	88.0	89.6	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
> 3000		86.1	90.8	92.8	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500		88.8	93.6	95.6	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
> 2000		89.2	94.0	96.0	96.8	96.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800		89.2	94.0	96.0	96.8	96.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500		89.6	94.4	97.2	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		89.6	94.4	97.2	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
> 1000		89.6	94.4	97.2	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		89.6	94.4	97.2	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		89.6	94.4	97.2	98.4	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		89.6	94.4	97.2	98.4	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		89.6	94.4	97.2	98.4	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		90.0	94.8	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400		90.0	94.8	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		90.0	94.8	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		90.0	94.8	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		90.0	94.8	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		90.0	94.8	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 251

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 76 (YEARS) JU (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥1	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING		62.7	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
≥ 20000		71.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000		71.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 16000		71.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000		71.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 12000		71.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000		72.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 9000		72.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000		79.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000		79.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ (6)		79.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000		79.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500		79.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000		81.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500		81.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000		81.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500		81.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		84.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 59

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 75 (YEARS) JUL (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					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0					50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		40.1	46.6	50.5	54.5	55.4	58.3	59.3	59.6	60.4	60.6	60.6	61.7	61.7	62.2	62.5
≥ 20000		43.2	50.3	55.0	59.9	60.7	64.0	65.2	65.6	66.4	66.6	66.6	67.9	67.9	68.3	68.7
≥ 18000		43.2	50.3	55.0	59.9	60.7	64.0	65.3	65.6	66.4	66.6	66.6	67.9	67.9	68.3	68.7
≥ 16000		43.2	50.3	55.0	59.9	60.7	64.0	65.3	65.6	66.4	66.6	66.6	67.9	67.9	68.3	68.7
≥ 14000		43.2	50.5	55.4	60.6	61.4	64.6	65.9	66.2	67.0	67.2	67.2	68.5	68.5	69.0	69.3
≥ 12000		44.5	52.1	57.0	62.2	63.0	66.2	67.7	68.0	68.8	69.0	69.0	70.3	70.3	70.8	71.1
≥ 10000		48.4	57.0	62.3	68.0	68.8	72.7	74.2	74.5	75.3	75.6	75.6	77.1	77.1	77.6	77.9
≥ 9000		49.2	57.8	63.3	69.0	70.0	73.9	75.2	75.6	76.5	76.8	76.8	78.2	78.2	78.7	79.1
≥ 8000		51.5	60.2	66.6	72.4	73.5	77.9	79.5	79.9	80.7	81.0	81.0	82.5	82.5	83.0	83.3
≥ 7000		51.6	60.4	66.7	72.6	73.7	78.1	79.7	80.0	80.8	81.2	81.2	82.6	82.6	83.1	83.4
≥ 6000		51.6	60.4	66.9	72.7	73.9	78.2	79.9	80.2	81.0	81.3	81.3	82.8	82.8	83.3	83.6
≥ 5000		51.9	61.0	67.5	73.4	74.5	78.9	80.5	80.8	81.7	82.0	82.0	83.6	83.6	84.1	84.4
≥ 4500		52.1	61.2	67.7	73.5	74.7	79.1	80.7	81.0	81.8	82.1	82.1	83.8	83.8	84.3	84.6
≥ 4000		52.1	61.5	68.2	74.2	75.3	80.4	82.0	82.3	83.1	83.4	83.4	85.1	85.1	85.5	85.9
≥ 3500		52.1	61.5	68.2	74.2	75.3	80.5	82.1	82.5	83.3	83.6	83.6	85.2	85.2	85.7	86.0
≥ 3000		52.8	62.2	68.8	74.8	76.0	81.3	83.1	83.4	84.3	84.6	84.6	86.2	86.2	86.7	87.0
≥ 2500		53.1	62.7	69.5	75.5	76.8	82.1	84.1	84.4	85.2	85.6	85.6	87.2	87.2	87.7	88.0
≥ 2000		53.4	63.1	70.0	76.1	77.4	82.8	84.9	85.2	86.0	86.4	86.4	88.0	88.0	88.5	88.8
≥ 1800		53.4	63.1	70.0	76.1	77.4	82.8	84.9	85.2	86.0	86.4	86.4	88.0	88.0	88.5	88.8
≥ 1500		53.6	63.3	70.1	76.3	77.6	83.0	85.2	85.6	86.4	86.7	86.7	88.3	88.3	88.8	89.1
≥ 1200		54.2	64.3	71.1	77.4	78.7	84.1	86.4	86.7	87.5	87.8	87.8	89.4	89.6	90.1	90.4
≥ 1000		54.5	64.9	71.8	78.2	79.5	84.9	87.2	87.5	88.5	88.8	88.8	90.4	90.6	91.1	91.4
≥ 900		55.0	65.4	72.2	79.1	80.4	85.7	88.0	88.3	89.3	89.6	89.6	91.2	91.4	91.9	92.2
≥ 800		55.5	66.4	73.2	80.4	81.7	87.2	89.4	89.8	90.9	91.2	91.2	92.9	93.0	93.5	93.8
≥ 700		56.0	66.9	73.7	81.0	82.3	88.0	90.3	90.6	91.7	92.0	92.0	93.7	93.8	94.3	94.6
≥ 600		56.2	67.5	74.4	81.8	83.3	89.0	91.4	91.7	92.9	93.2	93.2	94.8	95.0	95.5	95.8
≥ 500		56.2	68.2	75.0	82.5	83.9	89.8	92.2	92.5	94.6	95.0	95.0	96.6	96.8	97.2	97.6
≥ 400		56.2	68.2	75.0	82.5	84.1	89.9	92.7	93.0	95.1	95.5	95.5	97.1	97.2	97.7	98.1
≥ 300		56.2	68.2	75.0	82.5	84.1	90.1	93.2	93.5	95.6	95.9	95.9	98.1	98.2	99.5	99.8
≥ 200		56.2	68.2	75.0	82.5	84.1	90.1	93.2	93.5	95.6	95.9	95.9	98.1	98.2	99.5	100.0
≥ 100		56.2	68.2	75.0	82.5	84.1	90.1	93.2	93.5	95.6	95.9	95.9	98.1	98.2	99.5	100.0
0		56.2	68.2	75.0	82.5	84.1	90.1	93.2	93.5	95.6	95.9	95.9	98.1	98.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 616

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-1100 (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		53.4	55.0	56.5	56.8	56.8	56.8	56.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000		60.4	62.2	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000		60.6	62.4	64.0	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		60.6	62.4	64.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000		61.2	63.0	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000		64.8	65.8	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 10000		69.7	71.7	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 9000		71.0	73.0	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000		73.5	75.7	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000		73.6	75.9	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000		74.3	76.5	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 5000		74.3	76.7	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500		74.3	76.7	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000		74.3	76.7	79.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500		74.4	76.9	79.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3000		74.3	82.9	85.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500		82.9	85.7	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000		86.2	89.3	91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800		86.5	89.6	92.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500		88.1	91.5	94.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 200		89.6	93.3	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000		89.7	93.6	96.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		89.9	93.8	97.1	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800		90.1	94.0	97.2	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		90.2	94.1	97.4	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		90.2	94.1	97.4	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		90.2	94.1	97.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		90.2	94.1	97.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		90.2	94.1	97.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200		90.2	94.1	97.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100		90.2	94.1	97.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0		90.2	94.1	97.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 614

DATA PROCESSING BRA C~
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		61.0	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000		61.2	63.3	63.9	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000		61.2	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000		61.2	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 14000		61.5	63.6	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000		64.1	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000		69.8	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 9000		70.1	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 8000		71.9	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000		71.9	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000		72.2	74.7	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	75.2
≥ 5000		72.9	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500		73.1	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4000		73.7	76.6	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500		77.3	80.5	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000		84.3	89.0	89.8	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500		88.0	93.8	94.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000		89.9	96.3	97.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800		89.9	96.6	97.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500		90.1	96.8	97.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200		90.6	97.2	98.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		90.7	97.4	98.4	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		90.7	97.4	98.4	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		90.7	97.4	98.4	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		90.7	97.4	98.4	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		90.7	97.4	98.4	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		90.7	97.4	98.4	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		90.7	97.4	98.4	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		90.7	97.4	98.4	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		90.7	97.4	98.4	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		90.7	97.4	98.4	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		90.7	97.4	98.4	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 616

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 73-76 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		44.3	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 20000		60.1	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000		60.1	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000		60.1	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000		60.1	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 12000		61.3	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 10000		68.2	71.1	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 9000		68.8	71.9	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000		71.9	75.5	75.9	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 7000		72.3	75.9	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000		73.5	77.1	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 5000		73.9	77.5	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500		73.9	77.5	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000		77.1	81.8	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500		79.8	85.0	85.4	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000		84.6	90.5	91.3	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.9	92.9	92.9	92.9
≥ 2500		87.0	93.7	94.5	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0
≥ 2000		87.7	94.5	95.3	96.0	96.4	96.8	96.8	96.8	96.8	96.8	96.8	97.2	97.2	97.2	97.2
≥ 1800		88.1	95.3	96.0	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0
≥ 1500		88.1	95.3	96.0	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0
≥ 1200		88.1	95.3	96.0	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0
≥ 1000		88.5	95.7	96.8	97.6	98.0	98.4	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.2
≥ 900		88.5	95.7	96.8	97.6	98.0	98.4	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.2
≥ 800		88.5	96.0	97.2	98.0	98.4	98.8	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0
≥ 700		88.5	96.0	97.2	98.0	98.4	98.8	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0
≥ 600		88.5	96.0	97.2	98.0	98.4	98.8	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0
≥ 500		88.5	96.0	97.2	98.0	98.4	98.8	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0
≥ 400		88.5	96.0	97.2	98.0	98.4	98.8	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0
≥ 300		88.5	96.0	97.2	98.0	98.4	98.8	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0
≥ 200		88.5	96.0	97.2	98.0	98.4	98.8	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0
≥ 100		88.5	96.0	97.2	98.0	98.4	98.8	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0
≥ 0		88.5	96.0	97.2	98.0	98.4	98.8	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 253

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 72-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	<1/2	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		41.9	50.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000		60.8	70.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000		60.8	70.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000		60.8	70.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 14000		60.8	70.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 12000		67.6	77.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000		74.3	83.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000		74.3	83.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 8000		78.4	90.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000		79.7	91.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000		81.1	93.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 5000		82.4	94.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4500		82.4	94.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4000		83.8	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500		83.8	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000		83.8	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500		83.8	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000		83.8	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800		83.8	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500		83.8	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200		83.8	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000		83.8	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900		83.8	95.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800		83.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		83.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		83.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		83.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		83.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		83.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		83.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		83.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		83.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 74

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 FORT POLK AAF LOUISIANA 72 JUL
STATION STATION NAME YEARS 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		50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000		50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000		50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000		50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000		62.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000		62.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 8

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 (STATION) FT POLK AAF LOUISIANA (STATION NAME) 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 ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000 ≥ 7000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000 ≥ 5000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500 ≥ 4000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500 ≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500 ≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥⅜	≥0
NO CEILING		34.2	43.7	49.9	56.3	57.8	6 .1	64.2	64.5	64.8	65.3	65.3	65.8	65.9	66.1	66.1
≥ 20000		37.3	47.2	53.4	60.0	61.8	64.1	68.3	68.6	68.9	69.6	69.6	70.2	70.3	70.6	70.9
≥ 18000		37.3	47.2	53.4	60.0	61.8	64.1	68.3	68.6	68.9	69.6	69.6	70.2	70.3	70.6	70.9
≥ 16000		37.3	47.2	53.4	60.0	61.8	64.1	68.3	68.6	68.9	69.6	69.6	70.2	70.3	70.6	70.9
≥ 14000		37.6	47.5	53.7	60.3	62.1	64.5	69.3	69.1	69.4	70.0	70.0	70.6	70.8	71.1	71.4
≥ 12000		39.1	49.0	55.6	62.3	64.4	67.0	71.4	71.7	72.0	72.6	72.6	73.4	73.8	74.1	74.4
≥ 10000		44.6	55.3	62.7	70.0	72.5	75.2	79.9	80.4	81.0	81.7	81.7	82.5	83.0	83.3	83.7
≥ 9000		44.1	55.7	63.2	70.5	72.9	75.6	80.4	80.8	81.4	82.2	82.2	83.0	83.4	83.7	84.2
≥ 8000		46.7	57.5	65.3	72.8	75.2	78.2	83.1	83.4	84.0	84.8	84.8	85.5	86.0	86.3	86.8
≥ 7000		47.3	58.4	66.2	73.7	76.1	79.1	83.9	84.3	84.9	85.7	85.7	86.5	86.9	87.2	87.7
≥ 6000		47.3	58.4	66.2	73.8	76.3	79.3	84.0	84.5	85.1	85.8	85.8	86.6	87.1	87.4	87.8
≥ 5000		47.8	59.1	67.0	74.6	77.0	80.1	84.8	85.2	85.8	86.6	86.6	87.4	87.8	88.1	88.6
≥ 4500		47.8	59.1	67.0	74.6	77.0	80.1	84.8	85.2	85.8	86.6	86.6	87.4	87.8	88.1	88.6
≥ 4000		48.2	59.5	67.7	75.8	78.4	81.4	86.1	86.6	87.2	88.0	88.0	88.7	89.2	89.5	90.0
≥ 3500		48.4	59.7	67.9	76.0	78.6	81.6	86.3	86.8	87.4	88.1	88.1	88.9	89.3	89.6	90.1
≥ 3000		48.6	59.8	68.2	76.3	78.8	81.9	86.6	87.2	87.8	88.6	88.6	89.3	89.8	90.1	90.6
≥ 2500		48.6	60.0	68.3	76.4	79.0	82.0	86.9	87.4	88.0	88.7	88.7	89.5	90.0	90.3	90.7
≥ 2000		48.9	60.3	68.6	76.7	79.3	82.3	87.2	87.7	88.3	89.2	89.2	90.0	90.4	90.7	91.2
≥ 1800		48.9	60.3	68.6	76.7	79.3	82.3	87.2	87.7	88.3	89.2	89.2	90.0	90.4	90.7	91.2
≥ 1500		48.9	60.3	68.9	77.2	79.8	82.8	87.7	88.1	88.7	89.8	89.8	90.6	91.0	91.3	91.8
≥ 1200		48.9	60.3	68.9	77.2	79.8	82.8	87.7	88.1	88.7	89.8	89.8	90.6	91.0	91.3	91.8
≥ 1000		48.9	60.3	68.9	77.2	79.8	83.1	88.0	88.4	89.0	90.3	90.3	91.0	91.5	91.8	92.2
≥ 900		48.9	60.3	68.9	77.2	79.8	83.1	88.0	88.4	89.0	90.3	90.3	91.0	91.5	91.8	92.2
≥ 800		49.3	60.7	69.4	77.6	80.2	83.6	88.4	88.9	89.5	90.7	90.7	91.5	91.9	92.2	92.7
≥ 700		49.3	60.7	69.4	77.8	80.4	83.7	88.6	89.0	89.8	91.0	91.0	91.8	92.2	92.5	93.0
≥ 600		49.6	61.2	69.9	78.2	80.8	84.3	89.2	89.6	90.6	91.8	91.8	92.5	93.0	93.3	93.8
≥ 500		49.8	61.3	70.2	78.7	81.3	84.9	90.0	90.7	91.8	93.0	93.0	92.8	94.2	94.5	95.0
≥ 400		49.9	61.6	70.9	79.8	82.6	86.3	91.9	92.8	93.9	95.6	95.6	96.5	97.0	97.4	97.9
≥ 300		49.9	61.6	70.9	79.8	82.6	86.3	92.2	93.2	94.4	96.0	96.0	97.1	97.6	98.0	98.5
≥ 200		49.9	61.6	70.9	79.8	82.6	86.3	92.2	93.2	94.4	96.0	96.0	97.4	97.9	98.6	99.1
≥ 100		49.9	61.6	70.9	79.8	82.6	86.3	92.2	93.2	94.4	96.0	96.0	97.4	98.0	99.2	99.7
0		49.9	61.6	70.9	79.8	82.6	86.3	92.2	93.2	94.4	96.0	96.0	97.4	98.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 657

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 67-76 YEARS — AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		56.5	61.9	64.7	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000		62.1	67.9	70.8	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000		62.1	67.9	70.8	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 16000		62.1	67.9	70.8	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 14000		62.4	68.2	71.1	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000		64.4	70.2	73.4	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 10000		70.4	76.5	79.9	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000		71.0	77.1	80.5	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 8000		73.4	79.5	82.9	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000		74.1	80.2	83.6	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 6000		74.1	80.2	83.6	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000		74.3	80.4	83.8	85.0	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500		74.7	80.8	84.2	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000		74.9	81.1	84.7	85.9	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500		75.7	82.0	85.6	86.9	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000		77.7	83.9	87.6	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500		79.5	85.9	89.7	91.5	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000		80.4	86.8	90.6	92.4	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800		80.7	87.1	90.9	92.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500		82.4	89.0	92.9	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200		82.9	89.7	93.8	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000		83.6	90.8	94.8	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900		83.8	90.9	94.9	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800		84.1	91.2	95.2	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700		84.4	91.7	95.7	97.9	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		84.4	91.7	95.7	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500		84.4	91.7	95.7	98.2	98.7	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400		84.5	91.8	95.8	98.4	98.8	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300		84.5	91.8	95.8	98.4	98.8	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200		84.5	91.8	95.8	98.4	98.8	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		84.5	91.8	95.8	98.4	98.8	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		84.5	91.8	95.8	98.4	98.8	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 672

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03991 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 7-76 (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	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		53.2	57.4	57.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000		64.9	69.9	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000		64.9	69.9	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000		64.9	69.9	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000		65.0	70.1	70.5	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 12000		66.9	71.9	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000		70.8	76.3	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000		71.0	76.4	77.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000		74.3	80.2	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000		74.9	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000		75.1	81.0	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000		75.1	81.3	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500		75.4	81.6	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000		76.0	82.5	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500		78.4	85.1	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000		83.0	90.0	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500		85.9	93.0	93.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000		87.4	94.8	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800		87.4	95.0	95.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500		87.7	95.6	96.4	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200		88.1	96.0	96.8	97.7	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000		88.3	96.2	97.0	98.0	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900		88.9	96.8	97.6	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		89.1	97.0	97.7	98.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		89.2	97.1	97.9	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		89.2	97.1	97.9	98.9	99.1	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		89.2	97.1	97.9	98.9	99.1	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		89.2	97.1	97.9	98.9	99.1	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		89.2	97.1	97.9	98.9	99.1	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.2	97.1	97.9	98.9	99.1	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.2	97.1	97.9	98.9	99.1	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.2	97.1	97.9	98.9	99.1	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 658

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF (STATION NAME) LOUISIANA 67-76 (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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		46.5	50.9	51.7	52.0	52.0	52.0	52.1	52.0	52.0	52.0	52.1	52.0	52.0	52.0	52.0
≥ 20000		62.5	68.4	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000		62.5	68.4	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 16000		62.5	68.4	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000		62.5	68.8	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000		63.9	70.9	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000		67.7	74.7	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 9000		68.3	75.8	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000		71.7	78.8	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 7000		72.5	79.6	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 6000		72.5	79.6	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000		73.2	80.3	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500		74.3	81.4	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
≥ 4000		75.8	82.9	84.4	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3500		78.3	87.0	89.5	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000		83.6	91.8	93.7	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500		84.8	92.9	94.8	95.9	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000		85.9	94.1	95.9	97.0	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800		85.9	94.1	95.9	97.0	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500		85.9	94.1	95.9	97.0	97.8	97.8	97.8	97.8	98.1	98.1	98.5	98.5	98.5	98.5	98.5
≥ 1200		85.9	94.1	95.9	97.0	97.8	97.8	97.8	97.8	98.1	98.1	98.5	98.5	98.5	98.5	98.5
≥ 1000		85.9	94.1	95.9	97.0	97.8	97.8	97.8	97.8	98.1	98.1	98.5	98.5	98.5	98.5	98.5
≥ 900		85.9	94.1	95.9	97.0	97.8	97.8	97.8	97.8	98.1	98.1	98.5	98.5	98.5	98.5	98.5
≥ 800		85.9	94.1	95.9	97.0	97.8	97.8	97.8	97.8	98.1	98.1	98.5	98.5	98.5	98.5	98.5
≥ 700		85.9	94.1	95.9	97.0	97.8	97.8	97.8	97.8	98.1	98.1	98.5	98.5	98.5	98.5	98.5
≥ 600		85.9	94.1	95.9	97.0	97.8	98.1	98.1	98.1	98.5	98.5	98.9	98.9	98.9	98.9	98.9
≥ 500		85.9	94.1	95.9	97.0	98.1	98.5	98.5	98.5	98.9	98.9	99.3	99.3	99.3	99.3	99.3
≥ 400		85.9	94.1	95.9	97.0	98.1	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 300		85.9	94.1	95.9	97.0	98.1	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 200		85.9	94.1	95.9	97.0	98.1	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 100		85.9	94.1	95.9	97.0	98.1	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0
0		85.9	94.1	95.9	97.0	98.1	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 269

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 72 76 (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		45.7	51.1	56.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000		56.4	67.0	76.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000		56.4	67.0	76.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000		56.4	67.0	76.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000		56.4	68.1	77.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000		58.5	70.2	79.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000		64.9	77.7	87.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000		64.9	77.7	87.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000		64.9	77.7	87.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000		66.0	78.7	88.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000		66.0	78.7	88.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000		69.1	81.9	91.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500		69.1	81.9	91.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000		69.1	81.9	91.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500		69.1	81.9	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000		73.4	86.2	96.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		74.5	87.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 94

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

03931 (STATION) FLRT POLK AAF LOUISIANA (STATION NAME) 72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 20000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
< 20000 ≥ 18000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
< 18000 ≥ 16000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
< 16000 ≥ 14000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
< 14000 ≥ 12000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
< 12000 ≥ 10000		81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
< 10000 ≥ 9000		81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
< 9000 ≥ 8000		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 8000 ≥ 7000		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 7000 ≥ 6000		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 6000 ≥ 5000		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 5000 ≥ 4500		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 4500 ≥ 4000		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 4000 ≥ 3500		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 3500 ≥ 3000		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 3000 ≥ 2500		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 2500 ≥ 2000		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 2000 ≥ 1800		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 1800 ≥ 1500		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 1500 ≥ 1200		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 1200 ≥ 1000		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 1000 ≥ 900		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 900 ≥ 800		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 800 ≥ 700		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 700 ≥ 600		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 600 ≥ 500		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 500 ≥ 400		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 400 ≥ 300		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 300 ≥ 200		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 200 ≥ 100		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100 ≥ 0		87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 16

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0300 (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		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000 ≥ 16000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000 ≥ 12000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000 ≥ 9000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000 ≥ 7000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000 ≥ 5000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ ≥ 4500 ≥ 4000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ ≥ 3500 ≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ ≥ 2500 ≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ ≥ 1800 ≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ ≥ 1200 ≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ ≥ 900 ≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ ≥ 700 ≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ ≥ 500 ≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ ≥ 300 ≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ ≥ 100 ≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		27.7	31.8	35.4	41.1	43.7	46.6	49.1	49.6	50.1	50.9	50.9	51.2	51.2	51.6	51.6
≥ 20000		28.6	32.7	37.0	43.0	45.8	48.9	51.6	52.0	52.5	53.5	53.5	54.2	54.2	54.7	54.7
≥ 18000		29.0	33.1	37.3	43.4	46.2	49.3	51.9	52.4	52.9	53.8	53.8	54.5	54.5	55.0	55.0
≥ 16000		29.0	33.1	37.3	43.4	46.2	49.3	51.9	52.4	52.9	53.8	53.8	54.5	54.5	55.0	55.0
≥ 14000		29.1	33.4	37.6	43.7	46.5	49.6	52.2	52.7	53.2	54.2	54.2	54.8	54.8	55.3	55.3
≥ 12000		30.6	34.9	39.3	45.7	48.4	52.3	55.2	55.6	56.3	57.3	57.3	57.9	57.9	58.4	58.4
≥ 10000		32.2	37.3	42.2	49.4	52.2	56.1	59.4	59.9	60.7	61.9	61.9	62.7	62.7	63.2	63.2
≥ 9000		32.6	37.6	42.7	50.1	53.0	57.0	60.4	60.9	61.7	62.8	62.8	63.7	63.7	64.2	64.2
≥ 8000		32.9	38.0	43.4	50.7	53.7	57.8	61.4	61.9	62.7	63.8	63.8	64.6	64.6	65.1	65.1
≥ 7000		32.9	38.0	43.4	50.7	53.7	57.8	61.4	61.9	62.7	63.8	63.8	64.6	64.6	65.1	65.1
≥ 6000		33.2	38.5	43.9	51.2	54.2	58.3	62.0	62.5	63.3	64.5	64.5	65.3	65.3	65.8	65.8
≥ 5000		33.7	39.3	44.7	52.0	55.0	59.1	62.8	63.3	64.2	65.3	65.3	66.1	66.1	66.6	66.6
≥ 4500		33.7	39.3	44.7	52.0	55.0	59.1	62.8	63.3	64.2	65.3	65.3	66.1	66.1	66.6	66.6
≥ 4000		33.7	39.4	45.0	52.4	55.3	59.4	63.2	63.7	64.5	65.6	65.6	66.4	66.4	66.9	66.9
≥ 3500		33.7	39.4	45.0	52.4	55.3	59.4	63.3	63.8	64.6	65.8	65.8	66.6	66.6	67.1	67.1
≥ 3000		34.2	40.3	46.0	53.4	56.3	60.7	65.0	65.5	66.3	67.4	67.4	68.2	68.2	68.7	68.7
≥ 2500		34.7	40.8	46.5	53.8	56.8	61.2	65.5	66.0	66.8	67.9	67.9	68.7	68.7	69.2	69.2
≥ 2000		35.0	41.1	46.8	54.5	57.4	61.9	66.1	66.6	67.4	68.6	68.6	69.4	69.4	69.9	69.9
≥ 1800		35.4	41.4	47.1	54.8	57.8	62.2	66.4	66.9	67.8	68.9	68.9	69.7	69.7	70.2	70.2
≥ 1500		35.7	41.7	47.6	55.3	58.8	63.2	67.8	68.2	69.1	70.2	70.2	71.0	71.0	71.5	71.5
≥ 1200		35.8	42.2	48.3	56.1	59.7	64.2	68.7	69.2	70.0	71.2	71.2	72.0	72.0	72.5	72.5
≥ 1000		36.2	42.7	48.9	56.8	60.6	65.0	69.6	70.0	70.9	72.0	72.0	72.8	72.8	73.3	73.3
≥ 900		36.7	43.2	49.4	57.4	61.2	65.6	70.2	70.7	71.5	72.7	72.7	73.5	73.5	74.0	74.0
≥ 800		37.2	44.4	51.1	59.4	63.3	68.2	73.3	73.8	74.6	75.8	75.8	76.6	76.6	77.1	77.1
≥ 700		38.1	46.0	53.2	62.2	66.1	71.0	76.8	77.3	78.1	79.2	79.2	80.0	80.0	80.5	80.5
≥ 600		38.5	47.1	54.8	64.0	68.4	74.0	80.2	80.7	81.7	82.8	82.8	83.6	83.6	84.1	84.1
≥ 500		39.0	47.8	55.8	65.3	70.2	76.8	84.1	84.6	86.3	87.4	87.4	88.2	88.2	88.7	88.7
≥ 400		39.3	48.1	56.3	66.1	71.4	78.6	86.9	87.6	89.7	91.3	91.5	92.3	92.3	93.1	93.3
≥ 300		39.3	48.1	56.3	66.1	71.7	79.2	88.1	88.7	91.3	93.3	93.5	94.6	94.6	96.1	96.2
≥ 200		39.3	48.1	56.3	66.1	71.8	79.4	88.2	89.0	91.8	94.1	94.3	95.7	96.1	97.5	98.5
≥ 100		39.3	48.1	56.3	66.1	71.8	79.4	88.2	89.0	91.8	94.1	94.3	95.9	96.2	98.0	99.3
≥ 0		39.3	48.1	56.3	66.1	71.8	79.4	88.2	89.0	91.8	94.1	94.3	95.5	96.2	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 611

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		45.5	48.8	50.9	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000		51.1	54.5	56.9	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000		51.1	54.5	56.9	57.6	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 16000		51.1	54.5	56.9	57.6	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000		51.4	54.8	57.7	58.4	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000		54.0	57.4	60.5	61.1	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000		57.9	62.0	65.0	65.7	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000		58.5	62.8	65.9	66.5	66.8	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 8000		59.5	63.9	67.0	67.6	68.0	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 7000		59.8	64.2	67.3	68.0	68.3	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000		60.8	65.2	68.5	69.1	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000		61.3	65.7	68.9	69.6	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4500		61.3	65.7	68.9	69.6	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4000		62.1	67.0	70.4	71.1	71.4	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500		62.3	67.2	70.6	71.2	71.5	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3000		63.6	68.6	72.0	72.8	73.2	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2500		64.9	69.9	73.3	74.1	74.5	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2000		67.8	73.3	76.9	77.9	78.2	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1800		68.0	73.5	77.1	78.0	78.5	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1500		70.4	76.4	80.0	81.0	81.5	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200		71.7	78.0	82.0	82.9	83.4	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1000		73.0	79.8	83.9	85.4	85.9	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 900		73.3	81.3	85.4	87.2	87.6	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8
≥ 800		74.1	82.4	87.0	89.4	90.1	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5
≥ 700		75.3	84.1	88.8	91.7	92.4	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.3
≥ 600		75.8	84.7	89.6	93.0	93.8	95.0	95.6	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1
≥ 500		76.1	85.2	90.9	94.3	95.3	96.9	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7
≥ 400		76.1	85.5	91.2	94.6	95.9	97.6	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.7
≥ 300		76.1	85.5	91.2	94.6	95.9	97.6	98.9	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0
≥ 200		76.1	85.5	91.2	94.6	95.9	97.6	98.9	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100		76.1	85.5	91.2	94.6	95.9	97.6	98.9	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0
0		76.1	85.5	91.2	94.6	95.9	97.6	98.9	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 615

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING		50.4	51.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000		60.6	62.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000		60.6	62.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000		60.6	62.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000		61.4	62.8	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
≥ 12000		63.5	65.3	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000		67.9	69.9	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000		68.9	70.9	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
≥ 8000		70.2	72.2	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
≥ 7000		70.5	72.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000		70.7	72.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000		70.7	72.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500		70.9	72.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4000		71.5	73.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500		72.3	74.3	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
≥ 3000		76.1	78.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500		79.9	82.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000		83.3	85.6	87.7	88.5	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800		83.6	86.1	88.2	89.0	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1500		85.4	88.2	90.3	91.3	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200		87.1	90.2	92.3	93.3	93.5	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000		87.7	90.8	93.0	93.9	94.3	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900		88.2	91.5	93.6	94.6	94.9	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800		88.5	91.8	94.3	95.6	95.9	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700		89.0	92.3	94.9	96.6	96.9	97.2	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600		89.2	92.6	95.4	97.1	97.4	97.7	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500		89.5	93.0	95.9	97.7	98.0	98.4	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400		89.5	93.1	96.1	98.2	98.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		89.5	93.1	96.1	98.2	98.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.5	93.1	96.1	98.2	98.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.5	93.1	96.1	98.2	98.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		89.5	93.1	96.1	98.2	98.7	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 611

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		47.3	47.7	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000		63.4	64.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000		63.7	64.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000		63.7	64.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000		63.7	64.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000		66.4	67.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000		71.4	72.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000		72.9	73.7	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
≥ 8000		75.6	76.3	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
≥ 7000		76.3	77.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000		77.1	77.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000		77.1	77.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500		77.5	78.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000		78.6	79.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500		78.6	79.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000		81.3	83.2	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500		85.6	85.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000		86.6	88.5	90.5	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800		87.4	89.3	91.2	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500		87.8	89.7	91.6	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.7	92.7	92.7	92.7
≥ 1200		88.5	90.5	92.4	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.5	93.5	93.5	93.5
≥ 1000		89.3	91.6	93.5	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7
≥ 900		89.7	92.4	94.3	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.4	95.4	95.4	95.4
≥ 800		90.1	92.7	94.7	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2
≥ 700		91.2	94.3	96.6	97.7	97.7	98.1	98.1	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9
≥ 600		91.2	94.3	96.6	97.7	97.7	98.1	98.1	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9
≥ 500		91.2	95.0	97.3	98.5	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
≥ 400		91.2	95.0	97.3	98.5	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
≥ 300		91.2	95.0	97.3	98.5	98.9	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200		91.2	95.0	97.3	98.5	98.9	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100		91.2	95.0	97.3	98.5	98.9	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
0		91.2	95.0	97.3	98.5	98.9	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 262

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 72 76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		50.0	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	54.3
≥ 20000		59.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000		62.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 16000		62.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000		64.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 12000		64.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000		68.5	75.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000		68.5	75.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000		69.6	76.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000		70.7	77.2	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
≥ 6000		71.7	79.3	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		72.8	80.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500		73.9	81.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000		73.9	84.8	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
≥ 3500		76.1	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000		79.3	93.5	94.6	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		79.3	93.5	94.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000		79.3	93.5	94.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800		79.3	93.5	94.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500		80.4	94.6	95.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200		81.5	95.7	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		81.5	95.7	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		81.5	95.7	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800		82.6	96.7	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		82.6	96.7	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		82.6	96.7	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		82.6	96.7	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		82.6	96.7	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		82.6	96.7	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		82.6	96.7	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		82.6	96.7	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		82.6	96.7	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 92

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 (STATION) FLPT POLK AAF LOUISIANA (STATION NAME) 72 (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 ≥ 20000		60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
		60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000 ≥ 16000		60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
		60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000 ≥ 12000		60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
		60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000 ≥ 9000		73.3	80.0	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
		73.3	80.0	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
≥ 8000 ≥ 7000		73.3	80.0	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
		73.3	80.0	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
≥ 6000 ≥ 5000		73.3	80.0	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
		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500 ≥ 4000		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500 ≥ 3000		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500 ≥ 2000		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 15

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		32.6	37.4	40.4	45.9	47.1	49.4	50.9	50.9	52.2	52.2	52.2	53.7	53.9	54.4	56.2
≥ 20000		34.6	40.1	43.3	48.9	50.1	52.4	53.9	53.9	55.2	55.2	55.2	56.7	57.1	57.6	59.4
≥ 18000		34.6	40.1	43.3	48.9	50.1	52.4	53.9	[illegible]	55.2	55.2	55.2	56.7	57.1	57.6	59.4
≥ 16000		34.6	40.1	43.3	48.9	50.1	52.4	53.9		55.2	55.2	55.2	56.7	57.1	57.6	59.4
≥ 14000		34.9	40.6	43.8	49.4	50.6	52.9	54.4		55.7	55.7	55.7	57.2	57.6	58.1	59.9
≥ 12000		35.6	41.6	44.8	50.4	51.6	53.9	55.4	55.4	56.7	56.7	56.7	58.2	58.6	59.1	60.9
≥ 10000		38.1	44.1	47.3	52.9	54.1	56.7	58.2	58.2	59.6	59.7	59.7	61.2	61.7	62.2	64.1
≥ 9000		38.1	44.1	47.3	52.9	54.1	56.7	58.2	58.2	59.6	59.7	59.7	61.2	61.7	62.2	64.1
≥ 8000		39.1	45.1	48.6	54.2	55.4	58.6	60.2	60.2	61.6	61.7	61.7	63.2	63.7	64.2	66.1
≥ 7000		39.4	45.4	48.9	54.7	55.9	59.2	61.1	61.1	62.4	62.6	62.6	64.1	64.6	65.1	66.9
≥ 6000		39.9	45.9	49.6	55.6	56.9	60.4	62.2	62.2	63.6	63.7	63.7	65.2	65.7	66.2	68.1
≥ 5000		40.4	46.6	50.4	56.6	58.1	61.6	63.4	63.4	64.7	64.9	64.9	66.4	66.9	67.4	69.2
≥ 4500		40.6	46.8	50.6	56.7	58.2	61.7	63.6	63.6	64.9	65.1	65.1	66.6	67.1	67.6	69.4
≥ 4000		41.6	47.9	51.7	58.1	59.6	63.1	64.9	64.9	66.2	66.4	66.4	67.9	68.4	68.9	70.7
≥ 3500		42.1	48.6	52.6	58.9	60.4	63.9	65.7	65.7	67.1	67.2	67.2	68.7	69.2	69.7	71.5
≥ 3000		42.4	48.9	52.9	59.2	60.7	64.6	66.4	66.4	67.9	68.1	68.1	69.6	70.0	70.5	72.4
≥ 2500		42.6	49.1	53.1	59.4	60.9	64.7	66.7	66.7	68.2	68.4	68.4	69.9	70.4	70.9	72.7
≥ 2000		43.4	49.9	54.1	60.4	61.9	65.7	67.7	67.7	69.2	69.4	69.4	70.9	71.4	71.9	73.7
≥ 1800		43.6	50.1	54.2	60.6	62.1	65.9	67.9	67.9	69.4	69.6	69.6	71.0	71.5	72.0	73.9
≥ 1500		44.1	50.6	54.9	61.2	62.7	66.6	68.6	68.6	70.0	70.2	70.2	71.7	72.2	72.7	74.5
≥ 1200		44.9	51.4	55.9	62.6	64.2	68.1	70.2	70.2	71.7	71.9	71.9	73.4	73.9	74.5	76.4
≥ 1000		45.6	52.6	57.2	64.1	65.7	69.6	71.9	71.9	73.5	73.7	73.7	75.4	75.9	76.5	78.4
≥ 900		45.9	52.9	57.6	64.4	66.1	69.9	72.2	72.2	73.9	74.0	74.0	75.7	76.2	76.9	78.7
≥ 800		46.9	54.6	59.4	66.6	68.4	72.2	74.7	74.7	76.5	76.7	76.7	78.4	78.9	79.5	81.4
≥ 700		47.3	54.9	60.1	67.6	69.6	73.7	76.2	76.2	78.0	78.2	78.2	79.9	80.4	81.0	82.9
≥ 600		47.6	55.7	60.9	68.7	70.7	74.9	77.7	77.7	79.5	79.7	79.7	81.4	81.9	82.5	84.4
≥ 500		48.9	57.1	62.2	70.5	72.9	77.4	80.5	80.5	83.0	83.2	83.2	85.0	85.5	86.4	88.2
≥ 400		49.6	57.9	63.1	71.5	74.2	79.2	82.9	82.9	85.7	85.9	85.9	87.9	88.5	89.5	91.3
≥ 300		49.8	58.1	63.2	71.7	74.5	79.7	83.7	84.0	87.7	88.7	88.7	91.0	91.7	93.0	95.5
≥ 200		49.8	58.1	63.2	71.7	74.5	79.7	83.7	84.0	87.7	88.9	88.9	91.7	92.5	94.2	97.0
≥ 100		49.8	58.1	63.2	71.7	74.5	79.7	83.7	84.0	87.7	88.9	88.9	91.7	92.7	94.8	98.8
≥ 0		49.8	58.1	63.2	71.7	74.5	79.7	83.7	84.0	87.7	88.9	88.9	91.7	92.7	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 601

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FLRT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) OCT (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		52.0	55.9	57.9	58.2	58.2	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000		56.8	60.7	62.9	63.2	63.2	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 18000		57.0	60.9	63.0	63.4	63.4	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000		57.0	60.9	63.0	63.4	63.4	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000		57.1	61.0	63.4	63.7	63.7	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000		58.5	62.4	64.9	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000		59.9	64.0	66.5	66.8	66.8	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000		60.1	64.1	66.9	67.2	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 8000		61.0	65.1	68.0	68.5	68.5	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000		61.0	65.4	68.5	68.9	68.9	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000		61.5	66.1	69.4	69.9	69.9	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000		61.6	66.6	70.0	70.7	70.8	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4500		62.0	67.1	70.5	71.1	71.3	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4000		62.0	67.9	71.3	72.0	72.2	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3500		62.1	68.2	71.7	72.5	72.7	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000		63.0	69.6	73.1	73.9	74.1	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2500		64.0	70.8	74.5	75.3	75.5	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 2000		65.4	72.4	76.6	77.3	77.5	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1800		65.5	72.8	77.0	77.8	78.0	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1500		66.6	74.1	78.3	79.0	79.2	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1200		69.6	77.8	82.1	82.9	83.1	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1000		71.6	80.3	84.6	85.4	85.6	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900		72.2	81.4	85.7	86.6	87.1	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 800		73.3	82.6	87.4	88.5	89.0	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700		73.9	83.2	88.2	90.1	90.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600		74.8	84.3	89.8	91.6	92.2	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500		76.7	86.3	91.9	94.1	95.0	96.4	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400		77.0	86.6	92.7	95.0	96.1	97.7	98.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300		77.0	86.6	92.7	95.0	96.3	98.0	98.4	98.6	99.4	99.4	99.4	99.5	99.8	100.0	100.0
≥ 200		77.0	86.6	92.7	95.0	96.3	98.0	98.4	98.6	99.4	99.4	99.4	99.5	99.8	100.0	100.0
≥ 100		77.0	86.6	92.7	95.0	96.3	98.0	98.4	98.6	99.4	99.4	99.4	99.5	99.8	100.0	100.0
0		77.0	86.6	92.7	95.0	96.3	98.0	98.4	98.6	99.4	99.4	99.4	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 644

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000		63.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000		63.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000		63.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000		63.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000		66.0	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000		68.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000		68.7	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000		69.3	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000		69.9	71.5	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
≥ 6000		71.7	73.3	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		71.8	73.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500		72.0	73.6	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000		72.3	73.9	74.8	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3500		72.8	74.4	75.3	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000		76.4	78.2	79.1	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500		79.1	81.0	82.0	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000		82.3	84.7	85.8	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800		82.9	85.4	86.6	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500		85.1	88.6	89.7	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200		87.7	91.5	92.7	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000		88.6	93.0	94.3	95.4	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900		88.8	93.2	94.5	95.7	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800		89.1	93.7	95.1	96.4	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700		89.2	94.5	95.9	97.2	97.5	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600		89.4	94.8	96.2	97.6	97.9	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500		89.6	95.1	96.7	98.1	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400		89.6	95.1	96.7	98.4	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300		89.6	95.1	96.7	98.4	98.9	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		89.6	95.1	96.7	98.4	98.9	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.6	95.1	96.7	98.4	98.9	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		89.6	95.1	96.7	98.4	98.9	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 632

USAF ETAC FORM NO. 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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		55.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000		63.8	64.8	64.8	64.8	64.8	64.8	64.9	64.8	64.8	64.8	64.9	64.8	64.8	64.8	64.8
≥ 18000		64.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000		64.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000		65.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 12000		66.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 10000		71.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 9000		71.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000		72.4	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000		72.7	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000		73.7	76.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000		73.7	76.5	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500		73.7	76.5	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000		74.7	78.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500		76.5	79.9	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
≥ 3000		79.9	83.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500		81.9	85.3	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000		83.6	87.4	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800		84.3	88.1	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500		85.7	89.4	91.5	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200		86.7	90.4	92.8	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000		87.0	91.1	93.5	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.6	95.6
≥ 900		87.0	91.1	93.5	94.2	94.9	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.9	95.9
≥ 800		87.4	91.5	93.9	94.9	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.6	96.6
≥ 700		87.7	91.8	94.2	95.6	96.2	96.6	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.6	97.6
≥ 600		87.7	92.2	94.5	95.9	96.6	96.9	97.3	97.3	97.6	97.6	97.6	97.6	97.6	98.0	98.0
≥ 500		88.4	92.8	95.2	96.9	97.6	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	99.0	99.0
≥ 400		88.4	92.8	95.2	96.9	97.6	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	99.0	99.0
≥ 300		88.4	92.8	95.2	96.9	97.6	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	99.7	99.7
≥ 200		88.4	92.8	95.2	96.9	97.6	98.0	98.3	98.3	99.0	99.0	99.0	99.0	99.0	100.0	100.0
≥ 100		88.4	92.8	95.2	96.9	97.6	98.0	98.3	98.3	99.0	99.0	99.0	99.0	99.0	100.0	100.0
≥ 0		88.4	92.8	95.2	96.9	97.6	98.0	98.3	98.3	99.0	99.0	99.0	99.0	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 293

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 72 76 (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		59.8	68.0	69.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 20000		62.9	71.1	72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000		62.9	71.1	72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000		62.9	71.1	72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000		62.9	71.1	72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 12000		62.9	71.1	72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 10000		63.9	72.2	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000		67.0	75.3	78.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000		68.0	77.3	81.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 7000		69.1	78.4	82.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000		69.1	78.4	82.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000		69.1	79.4	83.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500		69.1	79.4	83.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000		69.1	79.4	84.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500		70.1	80.4	85.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000		70.1	80.4	85.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500		70.1	80.4	85.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000		71.1	81.4	86.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800		71.1	81.4	86.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500		74.2	84.5	89.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200		75.3	85.6	90.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000		76.3	86.6	91.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900		76.3	86.6	91.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800		76.3	86.6	91.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 700		76.3	87.6	92.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600		77.3	88.7	93.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500		78.4	89.7	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		78.4	89.7	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		78.4	89.7	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		78.4	89.7	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		78.4	89.7	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		78.4	89.7	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 97

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 72 (YEARS) OCT (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		50.0	50.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000		50.0	50.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
< 20000 ≥ 18000		50.0	50.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
< 18000 ≥ 16000		50.0	50.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
< 16000 ≥ 14000		50.0	50.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
< 14000 ≥ 12000		50.0	50.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
< 12000 ≥ 10000		50.0	50.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
< 10000 ≥ 9000		50.0	50.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
< 9000 ≥ 8000		50.0	50.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
< 8000 ≥ 7000		50.0	50.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
< 7000 ≥ 6000		50.0	50.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
< 6000 ≥ 5000		50.0	50.0	57.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
< 5000 ≥ 4500		50.0	50.0	57.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
< 4500 ≥ 4000		50.0	50.0	57.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
< 4000 ≥ 3500		50.0	50.0	57.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
< 3500 ≥ 3000		50.0	50.0	57.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
< 3000 ≥ 2500		50.0	50.0	57.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
< 2500 ≥ 2000		50.0	50.0	64.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
< 2000 ≥ 1800		50.0	50.0	64.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
< 1800 ≥ 1500		64.3	64.3	78.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
< 1500 ≥ 1200		71.4	71.4	85.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
< 1200 ≥ 1000		78.6	78.6	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 1000 ≥ 900		78.6	78.6	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 900 ≥ 800		78.6	78.6	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 800 ≥ 700		78.6	78.6	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 700 ≥ 600		78.6	78.6	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 600 ≥ 500		78.6	78.6	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 500 ≥ 400		78.6	78.6	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 400 ≥ 300		78.6	78.6	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 300 ≥ 200		78.6	78.6	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 200 ≥ 100		78.6	78.6	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100 ≥ 0		78.6	78.6	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 14

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING		44.1	45.9	47.4	49.7	49.7	51.3	51.3	51.5	51.5	51.8	51.8	51.8	51.8	51.8	52.3
≥ 20000		45.7	48.5	50.5	52.8	52.8	54.3	54.8	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.9
≥ 18000		45.7	48.5	50.5	52.8	52.8	54.3	54.8	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.9
≥ 16000		45.7	48.5	50.5	52.8	52.8	54.3	54.8	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.9
≥ 14000		45.7	48.5	50.5	52.8	52.8	54.3	54.8	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.9
≥ 12000		47.2	50.0	52.0	54.3	54.3	55.9	56.4	56.6	56.6	56.9	56.9	56.9	56.9	56.9	57.4
≥ 10000		50.3	53.1	55.1	57.4	57.4	58.9	59.4	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.7
≥ 9000		51.0	54.1	56.1	58.4	58.4	59.9	60.5	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.7
≥ 8000		52.3	55.4	57.4	59.7	59.7	61.2	61.7	62.2	62.2	62.5	62.5	62.5	62.5	62.5	63.0
≥ 7000		53.3	56.6	58.7	61.2	61.2	62.8	63.3	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.5
≥ 6000		55.1	58.7	60.7	63.5	63.5	65.1	65.6	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.8
≥ 5000		56.4	59.9	62.0	65.1	65.1	66.6	67.3	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.6
≥ 4500		56.6	60.2	62.2	65.3	65.3	66.8	67.6	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.9
≥ 4000		57.1	61.0	63.8	66.8	66.8	68.6	69.4	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.7
≥ 3500		58.4	62.2	65.1	68.1	68.1	69.9	70.7	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.9
≥ 3000		60.5	64.5	67.3	70.4	70.4	72.2	73.0	73.5	73.5	73.7	73.7	73.7	73.7	73.7	74.2
≥ 2500		61.5	65.6	68.4	71.4	71.4	73.2	74.0	74.5	74.5	74.7	74.7	74.7	74.7	74.7	75.3
≥ 2000		62.5	66.8	70.2	73.2	73.2	75.0	75.8	76.3	76.3	76.5	76.5	76.5	76.8	76.8	77.3
≥ 1800		62.8	67.1	70.4	73.5	73.7	75.5	76.3	76.8	77.0	77.3	77.3	77.3	77.6	77.6	78.1
≥ 1500		63.5	68.1	71.9	75.3	75.5	77.3	78.1	78.6	78.8	79.1	79.1	79.1	79.3	79.3	79.8
≥ 1200		64.3	69.4	73.5	77.0	77.3	79.1	79.8	80.4	80.6	80.9	80.9	80.9	81.1	81.1	81.6
≥ 1000		64.8	70.7	75.0	78.6	78.8	80.6	81.4	81.9	82.1	82.4	82.4	82.4	82.7	82.7	83.2
≥ 900		65.3	71.2	75.5	79.1	79.3	81.1	82.4	82.9	83.2	83.4	83.4	83.4	83.7	83.7	84.2
≥ 800		66.3	72.4	77.0	80.9	81.1	83.2	85.2	85.7	86.0	86.2	86.2	86.2	86.5	86.5	87.0
≥ 700		67.3	73.5	78.1	82.7	82.9	85.2	87.2	87.8	88.0	88.3	88.3	88.3	88.5	88.5	89.0
≥ 600		67.6	74.5	79.1	83.7	84.2	87.0	89.3	90.1	90.3	90.6	90.6	90.6	90.8	90.8	91.3
≥ 500		68.4	75.3	80.4	85.2	86.0	89.0	92.1	92.9	93.1	93.4	93.4	93.4	93.6	93.6	94.1
≥ 400		68.6	75.5	80.6	85.5	86.2	89.5	92.6	93.9	94.4	94.6	94.6	94.9	95.9	95.9	96.4
≥ 300		68.6	75.5	80.6	85.5	86.2	89.5	92.6	93.9	94.4	94.6	94.6	95.7	96.7	96.7	97.2
≥ 200		68.6	75.5	80.6	85.5	86.2	89.5	92.6	94.4	94.9	95.2	95.2	96.2	97.2	97.7	98.5
≥ 100		68.6	75.5	80.6	85.5	86.2	89.5	92.6	94.4	94.9	95.2	95.2	96.2	97.7	98.7	99.5
≥ 0		68.6	75.5	80.6	85.5	86.2	89.5	92.6	94.4	94.9	95.2	95.2	96.2	97.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 392

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		56.0	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000		58.7	59.7	59.7	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		58.7	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000		58.7	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000		59.0	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000		59.8	60.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 10000		64.2	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 9000		64.5	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000		66.2	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000		67.0	68.2	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000		67.7	69.2	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 5000		69.5	71.0	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500		69.7	71.3	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000		71.3	73.0	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500		72.2	73.8	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3000		74.3	76.8	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500		75.2	77.7	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2000		77.0	79.5	80.5	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1800		77.7	80.5	81.7	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500		79.2	82.5	83.8	84.5	84.5	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1200		81.0	84.5	86.0	86.7	86.7	86.8	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000		81.8	85.7	87.2	88.0	88.0	88.3	88.3	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900		82.5	86.5	88.3	89.2	89.3	89.7	89.7	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 800		83.0	87.2	89.0	89.8	90.0	90.3	90.3	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700		83.0	88.0	90.2	91.0	91.2	91.5	91.5	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600		83.7	89.0	91.5	93.2	93.3	93.8	94.0	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500		83.8	89.5	92.0	93.7	94.2	95.0	95.5	95.7	96.2	96.3	96.3	96.5	96.7	96.7	96.7
≥ 400		84.0	89.7	92.3	94.0	94.7	96.0	97.2	97.5	98.0	98.3	98.3	98.5	98.7	98.7	98.7
≥ 300		84.0	89.7	92.5	94.3	95.0	96.3	97.5	98.0	98.5	99.2	99.2	99.5	99.7	99.7	99.7
≥ 200		84.0	89.7	92.5	94.3	95.0	96.3	97.5	98.0	98.5	99.2	99.2	99.7	99.8	99.8	99.8
≥ 100		84.0	89.7	92.5	94.3	95.0	96.3	97.5	98.0	98.5	99.3	99.3	99.8	100.0	100.0	100.0
≥ 0		84.0	89.7	92.5	94.3	95.0	96.3	97.5	98.0	98.5	99.3	99.3	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 600

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS IN 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		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	61.2	61.2
≥ 20000		65.0	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	65.3
≥ 18000		65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 16000		65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000		65.3	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000		66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000		69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000		70.3	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000		73.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000		75.0	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
≥ 6000		75.5	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000		76.7	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500		77.3	78.0	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
≥ 4000		79.2	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500		80.3	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000		84.5	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500		86.3	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000		88.3	89.3	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800		88.8	90.0	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500		89.3	91.0	92.0	92.5	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200		89.8	91.5	92.8	93.3	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000		90.0	91.7	93.2	93.7	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900		90.3	92.2	94.0	94.5	94.7	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800		90.7	92.5	94.5	95.0	95.2	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700		90.8	92.7	94.7	95.3	95.5	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600		90.8	92.7	94.7	95.3	95.7	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500		91.0	93.0	95.0	96.0	96.7	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400		91.0	93.2	95.2	97.0	97.7	98.8	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300		91.0	93.2	95.2	97.0	97.7	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		91.0	93.2	95.2	97.0	97.7	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		91.0	93.2	95.2	97.0	97.7	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		91.0	93.2	95.2	97.0	97.7	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 600

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) NOV (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		60.6	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000		63.6	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000		63.6	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000		63.6	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000		64.3	64.8	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000		65.4	65.9	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000		68.6	69.3	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000		69.1	69.8	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 8000		72.1	72.8	73.2	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000		73.9	74.8	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000		76.0	76.9	77.8	77.8	77.8	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000		77.3	78.3	79.2	79.2	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500		78.0	78.9	79.9	79.9	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4000		79.9	80.8	81.7	81.9	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500		81.0	81.9	82.8	83.1	83.1	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000		83.8	84.7	85.6	86.0	86.0	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500		85.6	86.5	87.4	87.9	87.9	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000		88.1	89.2	91.1	91.5	91.5	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800		88.1	89.2	91.1	91.5	91.5	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500		88.6	89.7	92.0	92.4	92.4	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200		89.7	90.8	93.4	93.8	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000		90.2	91.3	94.3	94.7	94.7	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900		90.4	91.5	94.7	95.2	95.2	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800		90.4	91.5	95.2	95.7	95.7	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700		90.6	91.8	95.4	95.9	95.9	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600		90.6	91.8	95.4	95.9	95.9	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500		90.6	91.8	95.7	96.3	96.6	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400		90.6	91.8	95.9	97.0	97.3	98.2	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300		90.6	91.8	95.9	97.0	97.3	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		90.6	91.8	95.9	97.0	97.3	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		90.6	91.8	95.9	97.0	97.3	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		90.6	91.8	95.9	97.0	97.3	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 437

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 72 76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		47.3	47.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000		52.7	52.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000		52.7	52.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 16000		52.7	52.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 14000		52.7	52.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000		54.9	54.9	58.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000		56.0	56.0	59.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 9000		56.0	59.3	62.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 8000		56.0	59.3	62.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000		56.0	61.5	64.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 6000		62.6	68.1	71.4	72.5	72.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000		63.7	70.3	73.6	74.7	74.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500		63.7	70.3	73.6	74.7	74.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4000		63.7	70.3	73.6	74.7	74.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3500		63.7	70.3	73.6	74.7	74.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000		64.8	71.4	74.7	75.3	75.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2500		65.9	72.5	75.8	76.9	76.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000		72.5	81.3	84.6	85.7	85.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800		72.5	81.3	84.6	85.7	85.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500		73.6	84.6	87.9	89.0	89.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200		73.6	84.6	87.9	89.0	89.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000		73.6	84.6	87.9	89.0	89.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900		73.6	84.6	87.9	89.0	89.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 800		73.6	84.6	87.9	89.0	89.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700		73.6	84.6	87.9	89.0	89.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 600		74.7	85.7	89.0	90.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500		74.7	86.8	90.1	91.2	93.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 400		74.7	86.8	90.1	92.3	94.5	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300		74.7	86.8	90.1	92.3	94.5	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200		74.7	86.8	90.1	92.3	94.5	97.8	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		74.7	86.8	90.1	92.3	94.5	97.8	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		74.7	86.8	90.1	92.3	94.5	97.8	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 91

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 72 76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		45.6	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000		50.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000		50.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000		50.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000		50.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000		52.6	54.4	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000		54.4	56.1	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 9000		54.4	57.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 8000		54.4	57.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 7000		54.4	57.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 6000		56.1	59.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 5000		63.2	66.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4500		64.9	68.4	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
≥ 4000		64.9	68.4	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
≥ 3500		64.9	68.4	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
≥ 3000		66.7	70.2	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
≥ 2500		66.7	70.2	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
≥ 2000		73.7	80.7	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1800		75.4	82.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1500		78.9	89.5	91.2	91.2	91.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200		78.9	89.5	91.2	91.2	91.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000		80.7	91.2	93.0	93.0	93.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900		80.7	91.2	93.0	93.0	93.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800		80.7	91.2	93.0	93.0	93.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700		80.7	91.2	93.0	93.0	93.0	94.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600		80.7	91.2	93.0	93.0	93.0	94.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500		80.7	91.2	93.0	94.7	94.7	96.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400		80.7	91.2	93.0	94.7	94.7	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		80.7	91.2	93.0	94.7	94.7	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		80.7	91.2	93.0	94.7	94.7	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		80.7	91.2	93.0	94.7	94.7	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		80.7	91.2	93.0	94.7	94.7	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 57

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 70-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 18000 ≥ 16000					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 14000 ≥ 12000					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 10000 ≥ 9000					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 8000 ≥ 7000					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 6000 ≥ 5000					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 4500 ≥ 4000					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 3500 ≥ 3000					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 2500 ≥ 2000					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 1800 ≥ 1500					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 1200 ≥ 1000					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 900 ≥ 800					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 700 ≥ 600					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 500 ≥ 400					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 300 ≥ 200					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	66.7	66.7	66.7	66.7
≥ 100 ≥ 0					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	66.7	100.0	100.0	100.0
					33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	66.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		33.6	37.6	37.8	39.3	39.6	40.4	40.4	40.4	40.4	40.4	40.4	4	0.4	40.4	40.9
≥ 20000		35.3	39.3	39.6	41.6	41.9	42.6	42.6	42.6	42.6	42.6	42.6	4.	42.5	42.6	43.1
≥ 18000		36.1	40.1	40.4	42.4	42.6	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.9
≥ 16000		36.1	40.1	40.4	42.4	42.6	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.9
≥ 14000		36.1	40.1	40.4	42.4	42.6	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.9
≥ 12000		36.6	40.6	40.9	42.9	43.1	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.4
≥ 10000		37.6	41.6	41.9	43.9	44.1	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.4
≥ 9000		39.1	43.1	43.4	45.4	45.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.9
≥ 8000		40.4	44.4	44.9	47.4	47.6	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.9
≥ 7000		41.4	45.4	45.9	48.4	48.6	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.9
≥ 6000		42.1	46.1	46.6	49.1	49.4	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.6
≥ 5000		43.4	47.6	48.1	50.6	50.9	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.1
≥ 4500		44.6	48.9	49.4	51.9	52.1	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.4
≥ 4000		46.1	50.9	51.6	54.1	54.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.6
≥ 3500		47.9	52.9	53.6	56.4	56.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.9
≥ 3000		49.9	55.1	55.9	58.6	58.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.4
≥ 2500		50.6	55.9	56.6	59.4	59.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.2
≥ 2000		51.4	56.6	57.9	60.7	60.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.9
≥ 1800		51.6	56.9	58.1	60.9	61.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.7	63.2
≥ 1500		53.4	58.6	60.2	63.2	63.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.2	65.7
≥ 1200		55.1	60.7	62.2	65.2	65.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.7
≥ 1000		57.1	62.7	64.2	67.2	67.9	69.2	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.7
≥ 900		57.1	62.7	64.2	67.2	67.9	69.2	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.7
≥ 800		58.6	64.9	66.4	70.2	70.9	72.7	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.7	74.2
≥ 700		60.2	66.9	68.4	73.2	74.2	76.2	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.9
≥ 600		61.2	67.9	69.4	74.9	76.2	78.4	79.7	79.9	80.5	80.5	80.5	80.5	80.5	80.7	81.2
≥ 500		61.2	68.4	70.4	76.7	77.9	81.5	83.2	84.0	85.0	85.0	85.0	85.0	85.0	85.2	85.7
≥ 400		61.2	68.7	70.7	77.2	78.9	82.7	86.2	87.0	88.2	88.5	88.5	89.0	89.0	89.5	90.0
≥ 300		61.2	68.7	70.7	77.2	78.9	84.2	87.5	88.7	90.7	91.5	91.5	92.7	92.7	94.0	94.7
≥ 200		61.2	68.7	70.7	77.2	78.9	84.2	87.5	88.7	91.0	91.7	91.7	93.5	93.5	95.2	96.5
≥ 100		61.2	68.7	70.7	77.2	78.9	84.2	87.5	89.0	91.2	92.5	92.5	94.2	94.5	97.0	98.7
0		61.2	68.7	70.7	77.2	78.9	84.2	87.5	89.0	91.2	92.5	92.5	94.2	94.5	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 399

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) DEC (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	.2	39.9	40.7	40.9	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	.2	42.2	43.2	43.4	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 18000	.2	42.9	43.9	44.1	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 16000	.2	42.9	43.9	44.1	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 14000	.2	43.2	44.2	44.4	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 12000	.2	43.2	44.2	44.4	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 10000	.2	44.1	45.1	45.2	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 9000	.2	45.1	46.1	46.2	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 8000	.2	47.6	48.9	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
≥ 7000	.2	48.7	50.1	50.6	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 6000	.2	49.9	51.3	51.8	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 5000	.2	51.3	52.8	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4500	.2	53.1	54.8	55.3	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 4000	.2	55.1	56.8	57.3	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3500	.2	55.4	57.3	57.8	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 3000	.2	56.1	57.9	58.6	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 2500	.2	58.1	60.4	61.3	62.1	62.6	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 2000	.2	59.9	62.4	63.6	64.4	64.9	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 1800	.2	60.3	63.1	64.3	65.1	65.6	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1500	.2	62.6	65.6	66.9	68.3	68.8	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 1200	.2	64.9	68.4	69.8	71.1	71.6	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1000	.2	66.1	70.3	72.0	73.3	73.8	74.3	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 900	.2	67.3	71.6	73.5	75.0	75.5	76.0	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 800	.2	67.9	73.0	75.8	77.6	78.1	79.3	79.6	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 700	.2	69.1	74.8	78.5	81.1	82.0	83.3	83.6	83.9	84.1	84.1	84.1	84.3	84.3	84.3	84.3
≥ 600	.2	69.3	75.1	79.5	82.3	83.3	85.3	86.0	86.1	86.8	86.8	86.8	87.0	87.0	87.0	87.0
≥ 500	.2	69.8	75.8	81.6	85.3	86.8	89.3	90.5	90.7	91.5	91.5	91.5	91.7	91.7	91.7	91.7
≥ 400	.2	69.9	76.5	82.3	86.1	88.0	90.7	92.5	92.7	93.7	93.8	93.8	94.3	94.5	94.5	94.5
≥ 300	.2	69.9	76.5	82.3	86.3	88.1	91.0	93.3	93.8	95.0	95.5	95.5	96.3	96.8	97.2	97.7
≥ 200	.2	69.9	76.5	82.3	86.3	88.1	91.2	93.5	94.2	95.5	96.2	96.2	97.0	97.7	98.3	99.0
≥ 100	.2	69.9	76.5	82.3	86.3	88.1	91.2	93.5	94.2	95.5	96.2	96.2	97.0	97.8	98.7	99.8
≥ 0	.2	69.9	76.5	82.3	86.3	88.1	91.2	93.5	94.2	95.5	96.2	96.2	97.0	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 529

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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 ≥ 20000		44.4 48.7	44.6 49.0	44.6 49.0	44.6 49.0	44.6 49.0	44.6 49.0	44.6 49.0	44.6 49.0	44.6 49.0	44.6 49.0	44.6 49.0	44.6 49.0	44.6 49.0	44.6 49.0	44.6 49.0
≥ 18000 >5000		48.8 48.8	49.2 49.2	49.2 49.2	49.2 49.2	49.2 49.2	49.2 49.2	49.2 49.2	49.2 49.2	49.2 49.2	49.2 49.2	49.2 49.2	49.2 49.2	49.2 49.2	49.2 49.2	49.2 49.2
≥ 14000 ≥ 12000		49.0 49.6	49.4 49.9	49.4 49.9	49.4 49.9	49.4 49.9	49.4 49.9	49.4 49.9	49.4 49.9	49.4 49.9	49.4 49.9	49.4 49.9	49.4 49.9	49.4 49.9	49.4 49.9	49.4 49.9
≥ 10000 ≥ 9000		50.6 51.3	51.0 51.7	51.0 51.7	51.0 51.7	51.0 51.7	51.0 51.7	51.0 51.7	51.0 51.7	51.0 51.7	51.0 51.7	51.0 51.7	51.0 51.7	51.0 51.7	51.0 51.7	51.0 51.7
≥ 8000 ≥ 7000		52.8 54.4	53.1 54.9	53.1 54.9	53.1 54.9	53.1 54.9	53.1 54.9	53.1 54.9	53.1 54.9	53.1 54.9	53.1 54.9	53.1 54.9	53.1 54.9	53.1 54.9	53.1 54.9	53.1 54.9
≥ 6000 ≥ 5000		55.1 57.4	55.6 58.1	55.6 58.1	55.8 58.3	55.8 58.3	55.8 58.3	55.8 58.3	55.8 58.3	55.8 58.3	55.8 58.3	55.8 58.3	55.8 58.3	55.8 58.3	55.8 58.3	55.8 58.3
≥ 4500 ≥ 4000		58.8 60.0	59.5 61.1	59.5 61.1	59.7 61.3	59.7 61.3	59.7 61.3	59.7 61.3	59.7 61.3	59.7 61.3	59.7 61.3	59.7 61.3	59.7 61.3	59.7 61-3	59.7 61.3	59.7 61.3
≥ 3500 ≥ 3000		61.5 63.1	62.5 64.3	62.5 64.3	62.7 64.5	62.7 64.5	62.7 64.7	62.7 64.7	62.7 64.7	62.7 64.7	62.7 64.7	62.7 64.7	62.7 64.7	62.7 64.7	62.7 64.7	62.7 64.7
≥ 2500 ≥ 2000		65.9 68.9	67.3 70.3	67.3 70.3	67.7 71.2	67.7 71.2	67.9 71.4	67.9 71.4	67.9 71.4	67.9 71.4	67.9 71.4	67.9 71.4	67.9 71.4	67.9 71.4	67.9 71.4	67.9 71.4
≥ 1800 ≥ 1500		69.3 73.0	70.7 74.6	70.7 75.1	71.6 76.0	71.6 76.2	71.8 76.4	71.8 76.4	71.8 76.6	71.8 76.6	71.8 76.6	71.8 76.6	71.8 76.6	71.8 76.6	71.8 76.6	71.8 76.6
≥ 1200 ≥ 1000		74.8 75.7	76.6 78.2	78.0 79.6	79.0 80.8	79.2 81.0	79.4 81.3	79.6 81.5	79.6 81.5	79.6 81.7	79.6 81.7	79.6 81.7	79.6 81.7	79.6 81.7	79.6 81.7	79.6 81.7
≥ 900 ≥ 800		77.1 79.0	80.1 82.8	81.7 84.4	83.5 86.3	83.7 86.9	84.0 87.2	84.2 87.4	84.2 87.4	84.4 87.6	84.4 87.6	84.4 87.6	84.4 87.6	84.4 87.6	84.4 87.6	84.4 87.6
≥ 700 ≥ 600		79.4 80.3	83.5 84.7	85.3 86.7	87.4 89.3	88.1 90.2	89.0 91.5	89.2 91.8	89.2 92.0	89.3 92.4	89.3 92.4	89.3 92.4	89.3 92.4	89.3 92.4	89.3 92.4	89.3 92.4
≥ 500 ≥ 400		80.8 81.0	85.3 85.4	87.7 87.9	90.4 91.5	91.5 92.5	93.1 94.5	93.6 95.6	93.8 95.9	94.1 96.4	94.3 97.0	94.3 97.2	94.3 97.2	94.3 97.3	94.3 97.3	94.3 97.3
≥ 300 ≥ 200		81.0 81.0	85.4 85.4	87.9 87.9	91.8 91.8	92.9 92.9	94.8 94.8	96.1 96.3	96.4 96.6	97.3 97.5	98.4 98.8	98.4 98.8	98.6 99.1	98.8 99.3	98.8 99.6	98.8 99.6
≥ 100 ≥ 0		81.0 81.0	85.4 85.4	87.9 87.9	91.8 91.8	92.9 92.9	94.8 94.8	96.3 96.3	96.6 96.6	97.5 97.5	98.8 98.8	98.8 98.8	99.1 99.1	99.3 99.3	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 563

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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		47.4	48.2	48.2	48.2	48.2	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000		51.5	52.3	52.3	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 18000		51.5	52.3	52.3	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 16000		51.8	52.6	52.6	52.6	52.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 14000		51.8	52.6	52.6	52.6	52.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 12000		52.0	52.9	52.9	52.9	52.9	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 10000		54.0	54.8	54.8	54.8	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000		54.3	55.2	55.2	55.2	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 8000		56.7	57.8	57.8	57.8	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 7000		59.4	60.8	61.0	61.0	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 6000		59.7	61.0	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000		61.9	63.2	63.5	63.5	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4500		62.7	64.0	64.2	64.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4000		64.6	65.9	66.2	66.2	66.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 3500		65.9	67.6	67.8	67.8	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000		68.4	70.3	70.6	70.6	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500		70.6	72.8	73.0	73.3	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2000		74.4	76.6	77.1	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 1800		74.7	76.8	77.4	77.7	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1500		76.3	79.3	79.8	80.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1200		77.4	80.9	81.5	82.3	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1000		78.5	82.6	83.1	83.9	83.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 900		79.8	84.2	84.7	85.6	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 800		81.2	85.8	86.4	87.7	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 700		81.2	85.8	86.6	88.0	88.0	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 600		81.9	86.6	87.7	89.1	89.1	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 500		81.7	86.9	88.3	89.9	90.2	91.8	92.6	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2
≥ 400		82.3	87.5	89.4	91.0	91.3	93.7	94.6	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1
≥ 300		82.3	87.7	89.6	91.6	92.4	94.6	95.9	96.2	97.0	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200		82.3	87.7	89.6	91.6	92.4	94.8	96.2	96.7	97.5	98.9	98.9	99.5	99.5	99.5	100.0
≥ 100		82.3	87.7	89.6	91.6	92.4	94.8	96.2	96.7	97.5	98.9	98.9	99.5	99.5	99.5	100.0
0		82.3	87.7	89.6	91.6	92.4	94.8	96.2	96.7	97.5	98.9	98.9	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 367

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000		61.3	67.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000		61.3	67.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000		61.3	67.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500		64.5	71.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000		67.7	80.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500		71.0	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000		71.0	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500		71.0	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000		71.0	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800		71.0	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500		71.0	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200		71.0	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000		71.0	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900		71.0	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800		71.0	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700		71.0	83.9	87.1	87.1	87.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 600		71.0	83.9	87.1	87.1	87.1	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500		71.0	83.9	87.1	87.1	87.1	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400		71.0	83.9	87.1	87.1	87.1	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300		71.0	83.9	87.1	87.1	87.1	93.5	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		71.0	83.9	87.1	87.1	87.1	93.5	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		71.0	83.9	87.1	87.1	87.1	93.5	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		71.0	83.9	87.1	87.1	87.1	93.5	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 31

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 72 76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000		54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000		54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 16000		54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000		54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 12000		54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 10000		54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 9000		54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 8000		54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 7000		63.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000		63.6	72.7	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000		63.6	72.7	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500		72.7	81.8	81.8	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4000		72.7	81.8	81.8	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500		72.7	81.8	81.8	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000		72.7	81.8	81.8	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500		72.7	81.8	81.8	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000		72.7	81.8	81.8	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800		72.7	81.8	81.8	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500		72.7	81.8	81.8	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200		72.7	81.8	81.8	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000		81.8	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		81.8	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		81.8	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		81.8	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		81.8	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		81.8	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		81.8	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		81.8	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		81.8	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		81.8	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		81.8	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 11

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

03931	FORT POLK AAF LOUISIANA	67-70	ALL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	8.8	3.6	2.0	2.5	2.0	.9	3.1	3.9	7.1	6.0	59.9	7.8	866
FEB		23.6	5.8	4.1	4.7	3.7	2.0	4.2	4.9	5.9	3.0	38.1	5.7	767
MAR		12.4	4.3	3.9	6.1	5.4	2.9	3.6	5.2	10.0	5.7	40.6	6.6	858
APR		11.4	4.1	3.6	2.9	5.0	3.5	4.3	8.5	10.7	5.8	40.3	6.8	851
MAY		18.4	5.7	4.6	6.2	7.5	4.6	6.6	7.6	10.4	4.5	24.1	5.4	852
JUN		8.1	5.6	5.4	11.9	13.6	6.7	6.7	9.9	11.0	3.2	18.1	5.5	846
JUL		5.1	3.1	5.9	4.4	9.3	8.0	8.4	8.8	15.7	6.8	24.5	6.5	848
AUG		7.0	3.1	4.5	7.2	13.8	8.1	7.7	11.6	13.5	7.5	16.0	5.9	868
SEP		15.3	4.7	5.0	5.9	9.7	6.8	5.1	7.4	7.9	6.3	25.9	5.7	817
OCT		21.4	5.6	4.4	7.0	6.1	3.3	7.9	6.5	8.1	4.0	25.9	5.3	899
NOV		26.9	5.2	6.6	6.0	5.0	2.6	4.6	4.1	7.4	5.0	26.4	5.0	756
DEC		35.4	4.7	3.6	3.3	1.4	1.4	2.9	2.7	3.8	5.5	35.2	5.0	828
TOTALS		16.2	4.6	4.5	5.7	6.9	4.3	5.4	6.8	9.3	5.3	31.3	5.9	10056

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03931	FORT POLK AAF LOUISIANA	67-70	JAN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02													
	03-05													
	06-08	10.3	4.6	2.9	1.7	3.4	1.1	3.4	4.6	4.6	5.7	57.5	7.5	174
	09-11	8.0	2.3	1.9	3.4	1.5	1.5	2.7	3.1	7.3	5.4	62.8	8.0	261
	12-14	8.1	2.3	2.7	2.7	.8	.4	3.5	5.0	7.3	6.6	60.6	8.0	259
	15-17	8.7	5.2	.6	2.3	2.3	.6	2.9	2.9	9.3	6.4	58.7	7.8	172
	18-20													
	21-23													
TOTALS		8.8	3.6	2.0	2.5	2.0	.9	3.1	3.9	7.1	6.0	59.9	7.6	866

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

03931	FORT POLK AAF LOUISIANA	67-70	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02													
	03-05													
	06-08	22.7	7.1	5.2	4.5	2.6	.6	3.2	4.5	9.1	3.2	37.0	5.7	154
	09-11	26.0	8.2	2.6	4.3	3.0	1.7	1.3	4.8	5.2	4.3	38.5	5.5	231
	12-14	22.3	4.4	3.9	4.8	3.9	4.8	4.4	5.7	4.8	2.6	38.4	5.8	229
	15-17	23.5	3.3	4.6	5.2	5.2	.7	7.8	4.6	4.6	2.0	38.6	5.7	153
	18-20													
	21-23													
TOTALS		23.6	5.8	4.1	4.7	3.7	2.0	4.2	4.9	5.9	3.0	38.1	5.7	767

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SKY COVER

03931	FORT POLK AAF LOUISIANA	67-70	MAR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02													
	03-05													
	06-08	16.9	4.1	3.5	4.1	2.9	1.2	2.3	3.5	8.7	4.7	48.3	6.7	172
	09-11	15.9	3.9	4.7	6.2	2.3	4.3	3.1	4.7	7.0	2.7	45.3	6.5	258
	12-14	9.8	5.1	3.9	5.5	7.8	3.9	4.3	6.3	9.0	8.2	36.3	6.6	256
	15-17	7.0	4.1	3.5	8.7	8.7	2.3	4.7	6.4	15.1	7.0	32.6	6.7	172
	18-20													
	21-23													
TOTALS		12.4	4.3	3.9	6.1	5.4	2.9	3.6	5.2	10.0	5.7	40.6	6.6	858

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03931	FORT POLK AAF LOUISIANA	67-70	APR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02													
	03-05													
	06-08	12.4	5.1	4.5	2.2	1.7	1.7	1.7	6.7	9.6	2.8	51.7	7.1	178
	09-11	11.4	3.9	2.0	1.6	2.8	3.5	4.3	9.4	11.4	6.3	43.3	7.1	254
	12-14	11.3	3.1	2.3	3.9	7.0	3.9	7.0	10.5	12.5	3.5	34.8	6.6	256
	15-17	10.4	4.3	5.5	3.7	8.6	4.9	4.3	7.4	9.2	10.4	31.3	6.4	163
	18-20													
	21-23													
TOTALS		11.4	4.1	3.6	2.9	5.0	3.5	4.3	8.5	10.7	5.8	40.3	6.8	851

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SKY COVER

03931	FORT POLK AAF LOUISIANA	67-70	MAY
STATION	STATION NAME	PERIOD	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													
	03-05													
	06-08	24.3	7.5	6.7	4.7	3.9	1.6	2.7	5.5	8.6	4.7	29.8	5.2	255
	09-11	21.6	6.3	3.5	6.3	5.9	4.3	4.7	8.6	13.7	3.5	21.6	5.2	255
	12-14	14.9	4.3	2.4	6.7	9.8	7.8	9.8	9.4	10.2	1.6	23.1	5.6	255
	15-17	12.6	4.6	5.7	6.9	10.3	4.6	9.2	6.9	9.2	8.0	21.8	5.7	8
	18-20													
	21-23													
TOTALS		18.4	5.7	4.6	6.2	7.5	4.6	6.6	7.6	10.4	4.5	24.1	5.4	852

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03931 — STATION
FORT POLK AAF LOUISIANA — STATION NAME
67-70 — 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													
	03-05													
	06-08	16.7	12.0	8.8	8.4	4.0	3.6	3.2	8.0	8.4	3.6	23.5	5.0	251
	09-11	8.6	5.5	4.7	12.5	17.6	4.3	8.6	9.8	9.4	2.4	16.5	5.3	255
	12-14	3.5	2.4	3.5	13.7	20.0	7.1	5.5	12.2	11.0	4.3	16.9	5.8	255
	15-17	3.5	2.4	4.7	12.9	12.9	11.8	9.4	9.4	15.3	2.4	15.3	5.8	85
	18-20													
	21-23													
TOTALS		8.1	5.6	5.4	11.9	13.6	6.7	6.7	9.9	11.0	3.2	18.1	5.5	846

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03931	FORT POLK AAF LOUISIANA	67-70	JUL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02													
	03-05													
	06-08	13.0	5.5	8.3	8.3	3.9	5.5	7.9	8.3	7.9	5.5	26.0	5.7	254
	09-1..	5.9	3.9	5.5	3.5	5.9	11.4	11.8	5.1	19.3	6.3	21.3	6.4	254
	12-14	.4	3.1	3.9	3.5	9.8	7.8	6.7	12.5	22.7	5.9	23.5	7.0	255
	15-17	1.2		5.9	2.4	17.6	7.1	7.1	9.4	12.9	9.4	27.1	6.9	85
	18-20													
	21-23													
TOTALS		5.1	3.1	5.9	4.4	9.3	8.0	8.4	8.8	15.7	6.8	24.5	6.5	848

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SKY COVER

03931	FORT POLK AAF LOUISIANA	67-70	AUG
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02													
	03-05													
	06-08	15.7	6.1	8.0	10.3	7.3	2.7	10.7	8.0	10.3	6.5	14.2	5.0	261
	09-11	9.2	4.6	5.4	5.0	14.9	9.2	8.0	10.7	12.6	5.4	14.9	5.6	261
	12-14	1.9	.4	3.5	6.6	15.8	12.4	5.0	12.7	17.4	8.9	15.4	6.4	259
	15-17	1.1	1.1	1.1	6.9	17.2	8.0	6.9	14.9	13.8	9.2	19.5	6.7	87
	18-20													
	21-23													
TOTALS		7.0	3.1	4.3	7.2	13.8	8.1	7.7	11.6	13.5	7.5	16.0	5.9	868

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03931	FORT POLK AAF LOUISIANA	67-70	SEP
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02													
	03-05													
	06-08	20.3	6.9	4.1	5.7	4.1	2.8	4.1	6.5	5.3	4.5	35.8	5.7	246
	09-11	16.3	6.1	6.1	6.5	7.8	8.2	5.3	6.5	6.5	6.1	24.5	5.4	245
	12-14	12.3	3.3	2.5	7.8	11.1	9.0	6.1	9.4	8.6	8.6	21.3	5.8	244
	15-17	12.2	2.4	7.3	3.7	15.9	7.3	4.9	7.3	11.0	6.1	22.0	5.7	82
	18-20													
	21-23													
TOTALS		15.3	4.7	5.0	5.9	9.7	6.8	5.1	7.4	7.9	6.3	25.9	5.7	817

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03931 — STATION
FORT POLK AAF LOUISIANA — STATION NAME
67-70 — 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													
	03-05													
	06-08	28.0	4.7	2.8	5.5	3.9	2.0	5.1	4.3	5.1	5.9	30.7	5.2	254
	09-11	24.2	5.6	4.8	5.6	5.2	3.3	8.6	5.9	5.6	4.1	27.1	5.2	269
	12-14	17.5	6.3	5.2	7.4	6.7	3.0	8.6	9.3	12.3	4.1	19.7	5.3	269
	15-17	15.9	5.6	4.7	9.3	6.5	4.7	9.3	6.5	9.3	1.9	26.2	5.5	107
	18-20													
	21-23													
TOTALS		21.4	5.6	4.4	7.0	6.1	3.3	7.9	6.5	8.1	4.0	25.9	5.3	899

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03931	FORT POLK AAF LOUISIANA	67-70	NOV
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02													
	03-05													
	06-08	27.8	4.0	6.6	5.3	2.6		6.0	.7	9.3	7.9	29.8	5.3	151
	09-11	27.2	3.9	10.5	6.1	2.6	1.8	3.9	2.6	7.5	4.4	29.4	5.0	228
	12-14	24.7	7.0	4.0	5.7	7.9	5.3	5.3	4.4	6.2	4.4	25.1	4.9	227
	15-17	28.0	6.0	5.3	6.7	6.7	4.0	3.3	8.7	6.7	3.3	21.3	4.6	150
	18-20													
	21-23													
TOTALS		26.9	5.2	6.6	6.0	5.0	2.8	4.6	4.1	7.4	5.0	26.4	5.0	756

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03931 (STATION) | FORT POLK AAF LOUISIANA (STATION NAME) | 67-70 (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													
	03-05	100.0											.0	1
	06-08	20.6	4.7	4.7	2.9	.6	1.8	3.5	4.7	1.2	7.1	48.2	6.4	170
	09-11	18.1	5.9	4.3	4.3	3.1	1.0	3.5	2.8	5.9	6.3	44.1	6.3	254
	12-14	14.8	8.6	6.1	5.7	2.0	1.2	2.9	2.0	5.7	9.0	41.8	6.3	244
	15-17	23.3	4.4	3.1	3.8	1.3	2.5	4.4	3.8	6.3	5.0	42.1	6.1	159
	18-20													
	21-23													
TOTALS		35.4	4.7	3.6	3.3	1.4	1.4	2.9	2.7	3.8	5.5	35.2	5.0	826

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

E

Continued on Reverse

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

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

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 57-59, 62-76 (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
100							.7	.3					.1
95						8.4	18.9	11.7	3.6				3.5
90				1.2	9.6	55.0	72.0	64.8	32.8	4.8			19.7
85			1.1	15.0	51.8	86.1	92.8	91.1	66.3	24.3	1.5		35.4
80			11.4	47.5	74.9	94.5	98.4	97.4	81.4	47.2	10.4		46.6
75	7.2	7.8	29.6	72.3	91.7	99.4	99.7	99.7	93.3	67.2	26.9	6.7	58.3
70	20.5	24.4	51.3	84.1	97.7	99.7	100.0	100.0	97.3	83.9	48.9	22.7	69.1
65	37.3	42.7	71.5	93.5	99.0	100.0			100.0	92.1	65.7	38.8	78.4
60	50.3	58.3	82.3	97.3	100.0					95.8	78.3	56.6	85.0
55	63.3	71.9	91.5	99.7						99.4	87.2	72.6	90.5
50	74.4	85.8	96.0	100.0						100.0	93.9	82.2	94.4
45	83.4	92.2	98.6								97.9	88.6	96.7
40	91.3	97.3	99.7								99.7	96.8	98.7
35	95.5	99.7	100.0								100.0	99.7	99.6
30	99.4	100.0										100.0	99.9
25	100.0												100.0
MEAN	58.1	60.9	68.6	77.4	83.2	89.0	91.1	90.4	85.7	77.8	67.5	60.2	75.8
S D	12.501	10.271	9.347	7.406	5.782	4.824	4.282	4.275	6.490	8.559	10.119	10.645	14.407
TOTAL OBS	332	295	351	339	303	309	307	349	338	354	327	343	3947

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 57-59, 62-76 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80						3.2	3.3	.9					.6
75				1.2	5.9	29.8	40.4	24.6	11.2	.8	.3		9.3
70			2.3	18.3	26.4	74.8	89.3	80.8	53.6	10.5	3.1	.3	29.5
65	6.3	2.0	12.0	37.2	62.7	88.3	99.7	97.1	77.2	23.4	8.3	6.7	43.0
60	13.3	8.1	21.4	56.9	81.5	98.1	100.0	100.0	89.6	42.4	21.7	11.1	53.3
55	19.3	15.6	36.2	73.5	92.7	99.7			95.6	61.6	36.1	20.4	62.3
50	27.7	27.1	49.9	87.6	98.3	100.0			98.8	79.4	46.8	31.2	70.5
45	38.3	43.4	68.1	93.2	100.0				99.4	92.4	62.4	44.0	78.4
40	53.6	60.7	84.0	97.1					100.0	98.3	78.6	61.8	86.2
35	67.8	76.6	94.6	100.0						99.7	91.7	76.7	92.3
33	72.9	82.0	96.9								95.1	82.2	94.1
30	81.6	88.5	98.9							100.0	97.2	87.2	96.1
25	93.7	96.9	100.0								99.1	96.5	98.9
20	98.5	100.0									100.0	99.1	99.8
15	99.7											100.0	100.0
10	100.0												100.0
MEAN	42.0	43.0	50.4	60.2	65.4	71.6	73.7	72.1	68.4	57.5	49.2	43.7	58.1
S D	12.873	10.734	10.452	9.033	6.337	5.206	3.358	3.506	6.345	8.837	11.015	11.827	14.551
TOTAL OBS	332	295	351	339	303	309	307	349	338	354	327	343	3947

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

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 57-59, 62-76 (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						.3	.7	.3					.1
≥ 85					.3	17.2	31.9	17.2	5.3				5.8
≥ 80				4.1	16.8	68.6	84.4	76.5	41.4	4.5			24.3
≥ 75			3.7	28.3	57.4	88.3	98.0	98.0	74.6	22.9	4.0		39.1
≥ 70	7.2	2.7	16.8	51.9	82.2	97.4	100.0	100.0	89.3	46.0	14.1	6.1	50.8
≥ 65	15.1	12.5	30.8	74.3	95.0	99.7			95.9	65.8	32.1	12.5	60.9
≥ 60	23.8	24.1	51.9	88.2	99.3	100.0			99.4	83.9	48.0	25.4	70.3
≥ 55	36.7	40.7	71.8	95.6	100.0				100.0	94.4	63.0	41.4	78.7
≥ 50	50.0	59.0	86.9	98.8						98.9	80.4	58.3	86.1
≥ 45	67.5	77.6	96.0	100.0						100.0	91.4	75.2	92.4
≥ 40	79.5	90.2	98.9								98.2	89.2	96.4
≥ 35	90.4	98.0	100.0								99.7	95.6	98.6
≥ 30	97.0	100.0									100.0	99.4	99.7
≥ 25	99.7											100.0	100.0
≥ 20	100.0												100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	50.3	52.2	59.7	69.0	74.6	80.6	82.6	81.5	77.3	67.9	58.6	52.2	67.2
S D	11.856	9.614	8.923	7.504	5.312	4.553	3.376	3.225	5.624	7.783	9.729	10.304	14.021
TOTAL OBS	332	295	351	339	303	309	307	349	338	354	327	343	3947

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 57-59, 62-76 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
57											* 80*	74	
58	* 75*	75*	82	91	93	96	97	98	95	88	85	73	98
59	74	78	82	88									
62									* 94*	92*	78*	79	
63	* 78*	76*	84*	92*	92*	99*	97*	98*	98*	93*	84*	72	* 99
64	* 70*	70*	78*	87*	93*	94*	98*	103*	97*	84*	82*	77	* 103
65	* 77*	74*	82*	86*	90*	94*	97*	97*	96*	87*	82*	74	* 97
66	* 71*	72*	87*	86*	89*	94*	99*	94*	93*	87*	81*	78	* 99
67	* 74*	75*	86*	86*	90*	97*	95*	98*	91*	91			
68							*	94*	92*	91*	87*	71	
69	* 79*	77*	81*	84*	92*	98*	102*	97*	91*	91*	83*	73	* 102
70	* 77*	75*	82*	87*	89*	97*	97*	96*	96*	88*	75*	78	* 97
71	* 78*	78*	80*	86*	88*	94*	96*	94*	91*	88*	85*	79	* 96
72	* 78*	78*	84*	87*	92*	97*	93*	94*	95*	89*	85*	71	* 97
73	* 73*	73*	84*	83*	90*	92*	95*	94*	91*	90*	84*	77	* 95
74	* 79*	77*	89*	85*	90*	93*	97*	94*	89*	85*	81*	76	* 97
75	* 78*	74*	82*	55*	89*	91*	92*	95*	94*	87*	82*	78	* 95
76	* 76*	78*	81*	85*	88*	93*	93*	94*	92*	85*	77*	66	* 94
MEAN	75.8	75.3	82.9	86.5	90.4	94.9	96.3	96.0	93.4	88.5	81.9	74.8	97.6
S D	2.859	2.440	2.815	2.386	1.737	2.381	2.614	2.563	2.581	2.650	3.235	3.642	2.631
TOTAL OBS	332	295	351	339	303	309	307	349	338	354	327	343	3947

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/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 57-59, 62-76 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC	ALL MONTHS
57											* 40	* 21	
58	* 26	* 23	* 35	45	53	67	68	65	57	47	29	22	22
59	22	30	35	38									
62									* 60	* 48	* 39	17	
63	* 13	* 22	* 33	* 52	* 56	* 70	* 71	* 64	* 58	* 46	* 35	17	* 13
64	* 19	* 28	* 33	* 45	* 62	* 69	* 70	* 72	* 60	* 39	* 33	26	* 19
65	* 30	* 26	* 28	* 53	* 65	* 71	* 72	* 70	* 58	* 39	* 36	28	* 26
66	* 23	* 24	* 34	* 43	* 54	* 62	* 73	* 64	* 58	* 41	* 26	24	* 23
67	* 26	* 23	* 32	* 55	* 49	* 61	* 66	* 66	* 41	44			
68							*	* 63	* 53	* 40	* 27	26	
69	* 29	* 28	* 31	* 51	* 54	* 61	* 69	* 69	* 56	* 42	* 29	31	* 28
70	* 16	* 22	* 38	* 38	* 45	* 56	* 65	* 66	* 54	* 40	* 24	33	* 16
71	* 25	* 22	* 26	* 38	* 49	* 66	* 70	* 69	* 58	* 48	* 35	39	* 22
72	* 19	* 25	* 31	* 50	* 53	* 54	* 64	* 64	* 66	* 45	* 32	* 28	* 19
73	* 22	* 29	* 44	* 37	* 47	* 63	* 68	* 65	* 59	* 39	* 36	22	* 22
74	* 30	* 26	* 36	* 41	* 56	* 56	* 68	* 61	* 52	* 44	* 34	27	* 26
75	* 20	* 23	* 21	* 35	* 61	* 62	* 66	* 67	* 49	* 45	* 32	20	* 20
76	* 16	* 30	* 35	* 43	* 52	* 61	* 66	* 60	* 52	* 31	* 20	24	* 16
MEAN	22.4	25.4	33.5	44.3	54.0	62.1	68.3	65.7	55.7	42.4	31.7	25.3	20.9
S.D.	5.289	2.971	4.240	6.552	5.738	5.036	2.701	3.309	5.630	4.425	5.498	5.816	4.368
TOTAL OBS.	332	295	351	339	303	309	307	349	338	354	327	343	3947

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

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 67-76 YEARS — ALL 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					
102/101										.0									1	1		
100/ 99									.0	.0									4	4		
98/ 97								.0	.0	.0	.0	.0	.0						39	39		
96/ 95								.1	.1	.1	.1	.0	.0						106	106		
94/ 93							.1	.2	.4	.3	.1	.0	.0						278	278		
92/ 91						.0	.3	.7	.8	.3	.0	.0	.0						584	585		
90/ 89					.0	.2	1.0	1.3	.5	.2	.1	.1	.0						913	913		
88/ 87				.0	.1	.8	1.4	.8	.5	.2	.1	.0		.0	.0				1056	1056		
86/ 85		.0	.0	.0	.8	1.6	.7	.5	.4	.2	.1	.0	.0	.0					1146	1147		
84/ 83			.0	.5	1.2	.8	.6	.4	.3	.1	.1	.0	.0	.0					1122	1124	14	1
82/ 81		.0	.4	1.4	1.1	.6	.7	.5	.4	.2	.0	.0						.0	1452	1452	75	
80/ 79	.0	.1	.9	1.1	.6	.7	.4	.4	.4	.1	.1	.0	.0						1292	1293	376	10
78/ 77	.0	.6	1.1	.7	.7	.4	.4	.3	.3	.1	.1	.0	.0						1249	1250	1772	156
76/ 75	.1	1.6	1.0	.8	.6	.6	.4	.4	.3	.1	.0	.0	.0						1598	1599	2592	875
74/ 73	.3	1.8	.8	.8	.4	.4	.4	.2	.2	.1	.1	.0							1517	1529	2162	2149
72/ 71	.5	1.6	.9	.7	.5	.4	.3	.2	.3	.1	.0	.0			.0				1506	1515	1919	2512
70/ 69	.5	1.3	1.2	.4	.5	.3	.3	.3	.2	.1	.0	.0							1368	1376	1750	2149
68/ 67	.3	1.2	.8	.4	.4	.3	.3	.3	.1	.1	.0								1122	1129	1679	1597
66/ 65	.3	1.2	.6	.4	.4	.3	.3	.2	.1	.1	.0								1064	1065	1493	1569
64/ 63	.6	1.4	.5	.5	.3	.5	.3	.3	.1	.1	.0								1205	1209	1366	1726
62/ 61	.3	.9	.3	.3	.4	.3	.3	.2	.1	.0									870	872	1180	1259
60/ 59	.2	.7	.3	.3	.4	.3	.2	.2	.0	.0									738	740	1003	1007
58/ 57	.2	.6	.3	.4	.4	.4	.3	.1	.0										745	746	892	980
56/ 55	.2	.7	.4	.4	.4	.3	.2	.1	.0										728	729	886	889
54/ 53	.2	.6	.4	.4	.3	.3	.2	.0	.0	.0									662	665	877	812
52/ 51	.2	.6	.4	.4	.3	.2	.2	.0	.0										626	627	805	741
50/ 49	.1	.5	.3	.3	.3	.2	.0												483	484	837	666
48/ 47	.2	.8	.3	.4	.2	.1	.0	.0											545	546	801	758
46/ 45	.1	.7	.6	.3	.3	.1	.1	.0											585	590	797	914
44/ 43	.1	.6	.5	.3	.1	.0	.0												469	474	641	734
42/ 41	.2	.6	.3	.1	.1	.0													349	350	643	660
40/ 39	.2	.5	.3	.2	.1	.0													348	350	566	737
38/ 37	.2	.4	.3	.1	.1	.0													279	280	432	614
36/ 35	.2	.2	.2	.1	.0														208	210	343	632

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

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-75 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33	.1	.3	.2	.0	.0													166	166	253	551
32/ 31	.1	.3	.1	.0	.0													135	136	240	398
30/ 29	.1	.3	.1	.0														123	123	173	423
28/ 27	.1	.2	.0	.0														103	103	144	411
26/ 25	.0	.1	.0															45	46	77	270
24/ 23	.0	.1	.0															22	22	41	210
22/ 21	.0	.0	.0															12	12	26	129
20/ 19	.0	.0																6	6	12	120
18/ 17		.0																2	2	2	62
16/ 15		.0																2	2	3	66
14/ 13																				1	23
12/ 11																					31
10/ 9																					22
8/ 7																					8
6/ 5																					2
4/ 3	~~.0~~																	1	1	1	
2/ 1																					1
TOTAL	5.8	20.4	13.6	11.9	10.8	10.5	9.6	7.8	5.5	2.5	1.1	.4	.1	.0	~~.0~~		~~.0~~		26952		26874
																		26874		26874	

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.	139039501	1860817	69.2	19.475	26874							
Dry Bulb	133115319	1848821	68.6	15.280	26952		151.5	5271.9	3967.2	2309.2	137.1	8760
Wet Bulb	106855376	1656868	61.7	13.231	26874		241.9	3964.0	2240.4	67.4		8760
Dew Point	93153867	1530467	56.9	14.935	26874		729.3	3031.7	1023.6	1.2		8760

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

U S GOVERNMENT PRINTING OFFICE: 1975 O-679-010

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79						.2					.0							5	5			
78/ 77				.0	.3	.3	.1	.0		.0								18	18			
76/ 75				.3	.9	.4	.0	.1										40	40			
74/ 73			.1	1.4	.4	.2	.2	.0		.0	.2							60	60			
72/ 71		.1	.8	1.7	.6	.2		.1	.1	.2	.1	.0						85	85	5		
70/ 69	.1	.6	2.0	.3	.5	.2	.1	.2	.2	.0								96	96	44	5	
68/ 67	.1	1.5	1.0	.3	.5	.3	.2	.1		.1								92	92	114	33	
66/ 65	.4	1.7	.6	.5	.4	.3	.3	.1	.2	.1								105	105	130	96	
64/ 63	.8	1.9	.4	.5	.3	.8	.4	.3	.1	.1								130	130	97	182	
62/ 61	.8	1.2	.4	.4	.5	.5	.4	.2	.3									109	109	10?	96	
60/ 59	.8	.9	.4	.2	.5	.5	.3	.4	.1									91	91	87	69	
58/ 57	.7	1.0	.4	.7	.4	.4	.3	.3	.2									98	98	78	80	
56/ 55	.7	1.0	.8	.2	.3	.4	.3	.2										88	89	88	69	
54/ 53	.6	.8	.7	.4	.6	.2	.5	.2										88	89	90	66	
52/ 51	.2	.8	.3	.6	.3	.2	.7	.1										72	73	102	60	
50/ 49	.6	1.6	.6	.5	.4	.5	.2											97	98	100	60	
48/ 47	.7	2.3	.4	.8	.3	.4	.2											113	113	104	89	
46/ 45	.4	1.7	.7	.4	.7	.4	.2											101	102	131	127	
44/ 43	.5	1.3	1.2	.7	.3	.1												91	93	92	82	
42/ 41	.7	1.8	.9	.4	.1	.2												94	94	124	84	
40/ 39	.8	1.2	1.1	.8	.3													94	95	128	100	
38/ 37	.7	.8	1.1	.7	.2													76	76	89	90	
36/ 35	1.2	.9	1.0	.7	.3													92	94	103	98	
34/ 33	.5	1.3	.8	.3	.1													67	67	85	113	
32/ 31	.5	1.4	.7	.2														64	64	91	66	
30/ 29	.6	2.1	.4	.0														69	69	90	92	
28/ 27	.8	1.6	.2	.1														59	59	75	139	
26/ 25	.3	.7	.1															25	25	47	75	
24/ 23	.1	.4	.0															12	12	22	91	
22/ 21	.0	.2																6	6	13	51	
20/ 19	.1	.0																4	4	7	43	
18/ 17		.1																2	2	1	29	
16/ 15		.1																2	2	3	25	
14/ 13																				1	14	

Element (X)	Σx^3	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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

9477 54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					13
10/ 9																					5
8/ 7																					2
6/ 5																					1
TOTAL	13.6	31.2	17.1	13.2	9.2	6.7	4.2	2.4	1.2	.7	.3	.0						2245	2255	2245	2245

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.	13452225	167701	74.7	20.303	2245							
Dry Bulb	6456281	116419	51.6	14.065	2255		80.2	130.7	40.6			744
Wet Bulb	5424862	106432	47.4	12.997	2245		116.0	54.0				744
Dew Point	4604628	96004	42.8	14.915	2245		214.1	12.6				744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 67-76 FEB
STATION NUMBER / STATION NAME / YEARS / 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							.1	.1	.1									5	5		
78/ 77					.1	.1	.1		.1	.3								10	10		
76/ 75				.1	.2	.5	.3	.1	.4	.1								28	28		
74/ 73				.7	.1	.5	.6	.3	.2	.1								44	44		
72/ 71			.2	.5	.5	.8	.5	.3	.4	.2								65	65		
70/ 69	.1	.4	1.1	.7	.8	.7	.5	.6	.4	.1								99	99	5	1
68/ 67		.7	.8	.5	.4	.8	1.0	.3	.5	.1	.1							100	100	43	5
66/ 65	.2	1.4	.5	.7	.6	.8	.7	.5	.3		.1							110	110	79	40
64/ 63	.6	1.5	.5	.8	.3	1.0	.7	.9	.6	.1								126	136	92	81
62/ 61	.3	1.0	.6	.5	.9	.6	.5	.5	.5									106	106	85	69
60/ 59	.4	1.3	.2	.6	.5	.6	.5	.8	.3									98	98	111	53
58/ 57	.1	.7	.5	.5	.7	.7	1.4	.4	.1									99	99	91	73
56/ 55	.1	.7	.4	.8	.6	.6	.6	.4										83	83	92	75
54/ 53	.5	.8	1.1	.6	.7	1.1	1.1	.2										118	119	110	60
52/ 51	.7	1.1	.9	.7	.7	.5	.4	.1										100	100	98	77
50/ 49	.3	.9	.9	1.0	.7	.9	.2											94	94	104	61
48/ 47	.5	2.2	1.0	.8	.4	.5	.3											111	111	138	112
46/ 45	.2	1.3	1.9	.5	.9	.7	.1											109	109	151	144
44/ 43	.2	1.0	1.2	.3	1.0	.4	.2											83	83	119	89
42/ 41	.4	1.1	.5	.6	.5	.3												64	64	125	84
40/ 39	.4	1.2	.5	.7	.5	.1												66	66	95	116
38/ 37	.5	1.0	.7	.6	.4	.1												62	62	86	104
36/ 35	.3	.4	.6	.3	.1													31	31	74	93
34/ 33	.4	.8	.7	.1	.1													39	39	54	110
32/ 31	.3	.7	.5	.2														31	31	68	68
30/ 29	.2	.8	.4															25	25	37	81
28/ 27	.4	.8	.2															28	28	38	96
26/ 25	.1	.3	.1															9	9	20	72
24/ 23		.2	.1															4	4	7	55
22/ 21	.1	.1																3	3	6	39
20/ 19																				2	40
18/ 17																					15
16/ 15																					27
14/ 13																					6

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF, LOUISIANA 67-76 FEB
STATION STATION NAME YEARS 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
12/ 11																					8
10/ 9																					5
8/ 7																					1
4/ 3	1																	1	1	1	
2/ 1																					1
TOTAL	7.0	22.2	15.9	12.5	11.3	12.0	9.4	5.2	3.6	.8	.2								1962		1961
																		1961		1961	

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.	9499110	129824	66.2	21.481	1961							
Dry Bulb	6044814	106198	54.1	12.298	1962		34.6	120.2	29.8			672
Wet Bulb	4768108	94326	48.1	10.855	1961		61.3	16.4				672
Dew Point	3735674	81628	41.6	13.129	1961		176.1	2.1				672

FORM 0-26-3 (OL A) PREVIOUS EDITION, OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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
90/ 89													.0					1	1		
88/ 87												.0						1	1		
86/ 85										.1	.1							5	5		
84/ 83							.1	.1	.1	.1	.1	.1						14	14		
82/ 81						.1	.4	.4	.3	.0	.1	.1						34	34		
80/ 79				.0	.3	.8	.4	.4	.2	.2		.1						57	57		
78/ 77				.4	.7	.6	.8	.0	.4		.3	.1						78	78		
76/ 75			.4	.7	1.0	.8	.3	.4	.6	.2	.2	.1	.1					106	106		
74/ 73		.2	.7	1.4	.7	.4	.6	.1	.5	.2	.4	.1						118	118	3	
72/ 71		.7	1.5	1.1	.9	.4	.5	.2	.7	.2	.3	.1						151	152	44	5
70/ 69	.3	1.2	1.8	.9	.6	.7	.4	.6	.4	.4	.1	.1						161	161	127	41
68/ 67	.4	1.8	1.4	.4	.8	.8	.6	.5	.2	.2	.0							159	159	192	92
66/ 65	.1	1.6	1.4	.7	.8	.4	.6	.2	.4	.4	.0							153	153	151	131
64/ 63	.7	2.0	.8	.7	.8	.9	.6	.8	.2	.2	.0							177	177	159	171
62/ 61	.8	1.2	.6	.6	.9	.4	.5	.4	.2	.1								128	129	138	150
60/ 59	.4	1.1	.7	.4	1.1	.3	.4	.4		.0								107	107	133	114
58/ 57	.2	.9	.6	.5	.8	.6	.4	.2	.3									105	105	149	103
56/ 55	.3	1.2	.5	.9	.7	.8	.4	.0	.0									128	128	147	95
54/ 53	.2	1.0	.4	1.1	.4	.4	.7	.0	.0	.0								99	99	142	128
52/ 51	.2	.6	1.1	1.0	.7	.3	.1	.1	.0									95	95	124	100
50/ 49	.1	.7	.4	.7	.4	.3	.0											60	60	131	87
48/ 47	.2	1.1	.6	.7	.4	.2												71	71	127	69
46/ 45	.3	1.3	1.1	.9	.4	.1	.0											95	95	121	157
44/ 43	.4	1.1	.7	.2	.1													56	56	115	138
42/ 41	.1	.7	.6	.1	.0													35	35	91	94
40/ 39	.1	.7	.3	.0	.1													27	27	76	108
38/ 37	.1	.6	.4															25	25	44	97
36/ 35	.4	.2	.1															17	17	36	98
34/ 33	.0	.3	.0															8	8	13	90
32/ 31	.2	.1	.0															7	7	11	54
30/ 29	.0	.1																4	4	5	51
28/ 27	.0	.0																2	2	5	52
26/ 25		.0																1	1		26
24/ 23																				1	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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 67-76 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																					11
20/ 19																					7
18/ 17																					5
16/ 15																					1
10/ 9																					3
TOTAL	5.3	21.0	16.1	13.5	12.8	9.2	7.6	4.8	4.6	2.3	1.7	1.0	.1						2287		2285
																		2285		2285	

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.	11470954	154558	67.6	21.097	2285							
Dry Bulb	9025020	141290	61.8	11.382	2285		4.6	288.2	134.7	25.7		744
Wet Bulb	7182065	126061	55.2	9.978	2285		7.2	129.2	1.0			744
Dew Point	5940838	113024	49.5	12.385	2285		70.0	44.9				744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9277 54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | APR MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91											.0							1	1		
90/ 89												.0						1	1		
88/ 87							.2		.1									6	6		
86/ 85						.4	.6	.2	.2	.1	.1	.1	.0	.1				42	42		
84/ 83					.3	.8	1.0	.6	.4	.2	.3	.0	.1	.1				85	85		
82/ 81				.2	1.1	1.5	1.7	1.0	.9	.5	.1	.0						161	161		
80/ 79		.0		.8	1.3	2.0	1.0	.7	1.4	.4	.4	.1						184	184		
78/ 77		.0	.2	1.1	1.7	.9	.4	.7	.8	.4	.4	.1						151	151	1	1
76/ 75		.2	1.6	2.2	.9	.9	.9	1.3	.8	.5	.3	.0						216	216	37	
74/ 73		.8	1.9	1.5	.8	.8	1.0	.6	.4	.4	.3							188	188	105	8
72/ 71	.1	1.9	1.7	.8	.9	.9	.5	.5	.2	.4	.1							178	178	212	60
70/ 69	.5	1.8	1.7	.6	.9	.7	1.0	.5	.3	.1		.0						186	156	269	195
68/ 67	.3	1.5	1.3	.5	.7	.5	.5	.1	.2	.1	.0							133	133	216	221
66/ 65	.4	1.5	1.2	.6	.7	.4	.5	.3	.1	.1	.0							135	135	203	222
64/ 63	.4	2.1	1.0	.7	.8	.7	.3	.4	.2	.2	.1							154	154	206	181
62/ 61	.3	1.8	.3	.6	.4	.3	.5	.2	.2									103	103	206	153
60/ 59	.1	1.1	.4	.8	.2	.2	.1	.3										72	72	168	142
58/ 57	.1	1.1	.4	.6	.4	.3	.1	.2										68	68	130	137
56/ 55	.1	.8	.8	.3	.4	.1	.2	.2	.1									67	67	132	119
54/ 53	.1	.8	.4	.2	.1	.1	.2											42	43	85	110
52/ 51	.1	.2	.3	.1	.3	.2	.0											28	28	82	122
50/ 49	.0	.3	.1	.0	.0	.1												14	14	60	114
48/ 47		.1	.2	.2	.0													12	12	38	91
46/ 45		.1	.1	.1	.1													10	10	37	80
44/ 43	.0	.2	.0	.1														10	10	30	54
42/ 41			.0		.0													2	3	16	46
40/ 39		.1	.1	.0														6	6	9	44
38/ 37	.0	.1	.1															6	6	12	42
36/ 35			.0	.0														2	2	5	28
34/ 33																				2	14
32/ 31																				2	20
30/ 29																					21
28/ 27																					17
26/ 25																					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												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | APR 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
24/ 23																					8
20/ 19																					3
18/ 17																					2
TOTAL	2.6	16.4	13.9	12.2	11.9	12.0	10.6	7.8	6.3	3.4	2.0	.5	.1	.2					2265		2263
																		2263		2263	

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.	10747943	149265	66.0	19.976	2263							
Dry Bulb	11358143	159003	70.2	9.308	2265			487.0	325.0	115.1		720
Wet Bulb	8960395	141189	62.4	8.186	2263		.6	267.3	45.5			720
Dew Point	7609341	128897	57.0	10.876	2263		25.1	154.3	2.9			720

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 67-76 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.0									1	1		
92/ 91										.1	.0		.1					5	5		
90/ 89							.3	.4	.7	.5	.3	.2	.1					56	56		
88/ 87						.2	.8	1.6	1.4	.9	.4	.1		.0	.0			125	125		
86/ 85					.2	1.3	1.5	1.7	1.1	.5	.2	.1	.0					153	153		
84/ 83				.1	.4	1.5	1.4	1.3	1.1	.7	.4	.0	.0					158	159		
82/ 81			.0	.4	1.3	1.8	2.2	1.5	1.1	.7	.2	.1					~~.0~~	215	215		
80/ 79			.3	.9	1.4	1.7	1.1	.8	.7	.5	.3		.0					174	174		
78/ 77		.1	.7	1.4	1.9	1.1	1.3	.6	.6	.2	.1		.1					187	187	28	1
76/ 75	.1	1.2	1.3	1.8	1.2	1.1	.8	.8	.8	.5		.0						220	220	99	10
74/ 73	.0	1.7	1.3	1.8	.8	.9	.4	.6	.3	.1	.0							181	181	258	56
72/ 71	.2	1.6	2.0	.9	.5	.4	.4	.4	.3	.0	.1							157	157	317	163
70/ 69	.5	1.5	2.2	.5	.6	.4	.4	.4	.1									151	151	321	201
68/ 67	.6	2.0	1.2	.5	.4	.3	.2	.1										123	123	308	260
66/ 65	.5	2.3	.5	.5	.3	.4	.1											107	107	256	296
64/ 63	.7	2.1	.8	.8	.2	.3												114	114	191	311
62/ 61	.0	1.0	.4	.3	.2	.2												49	49	154	218
60/ 59	.1	.5	.4	.2	.1													30	30	120	134
58/ 57	.1	.6	.4	.3	.1													32	32	92	141
56/ 55		.7	.1	.1														20	20	56	122
54/ 53		.5	.2	.0														17	17	46	85
52/ 51	.0	.1																3	3	22	71
50/ 49	.0	.0																2	2	12	64
48/ 47		.1																2	2	1	65
46/ 45		.0																1	1	1	48
44/ 43																				1	16
42/ 41																					10
40/ 39																					1
38/ 37																					5
36/ 35																					3
34/ 33																					1
~~32/ 31~~																					~~1~~
TOTAL	3.0	16.0	11.9	10.6	9.5	11.5	11.0	10.2	8.2	4.8	2.0	.7	.4	.0	.0		~~.0~~	2283	2284		2283
																				2283	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	10876497	151451	66.3	19.065	2283
Dry Bulb	13106122	171958	75.3	8.365	2284
Wet Bulb	10281254	152622	66.9	5.856	2283
Dew Point	8914680	141654	62.0	7.414	2283

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			621.2	480.8	254.7	.3	744
Dry Bulb			433.8	125.5			744
Wet Bulb		.3	225.2	21.8			744
Dew Point							744

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 67-76 YEARS — JUN MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97								.0	.1	.1	.1	.1	.1					13	13		
96/ 95								.2	.3	.2	.2	.3						27	27		
94/ 93							.2	.7	.6	.9	.5	.0						68	68		
92/ 91						.1	.7	1.9	2.4	1.1	.0	.0	.1					146	146		
90/ 89					.0	.4	2.1	4.4	1.5	.7	.0	.3	.2					219	219		
88/ 87				.0	.2	1.6	3.7	2.5	1.1	.2	.2	.1						218	218		
86/ 85				.1	1.3	3.5	1.4	1.0	.8	.6	.4	.0						207	207		
84/ 83			.2	1.0	3.3	1.9	1.0	.7	1.0	.2	.2							212	212	3	
82/ 81			.8	3.9	2.7	.8	1.1	.6	.7	.3								247	247	27	
80/ 79		.2	2.0	2.3	.8	.7	.8	.2	.6									174	175	74	2
78/ 77	.1	1.1	2.3	1.0	.7	.3	.2	.5	.4									153	154	316	37
76/ 75	.3	3.8	1.4	.8	.7	.4	.4	.2	.1									185	185	600	158
74/ 73	.7	2.8	.7	.5	.2	.2	.1	.1										120	120	412	402
72/ 71	.9	2.1	.6	.4	.2	.1	.0											98	98	261	477
70/ 69	.6	1.4	.5	.4	.3	.0												75	75	175	383
68/ 67	.1	.6	.3	.1	.0	.0												26	26	155	181
66/ 65	.3	.8	.3	.2	.1													38	38	94	172
64/ 63	.1	.5	.1	.0														17	17	78	132
62/ 61		.8	.0	.1														21	21	39	82
60/ 59			.1															2	2	25	95
58/ 57		.1																2	2	5	47
56/ 55		.1																3	3	3	48
54/ 53		.0																1	1	3	35
52/ 51																					18
50/ 49																					3
TOTAL	3.3	14.3	9.4	11.0	10.5	10.2	11.8	13.1	9.5	4.3	1.6	.9	.4						2274		2272
																		2272		2272	

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.	10974787	152873	67.3	17.413	2272							
Dry Bulb	15293126	185684	81.7	7.593	2274			693.4	630.4	449.0	34.2	720
Wet Bulb	12100006	165476	72.8	4.594	2272			641.7	454.4	17.1		720
Dew Point	10816536	156258	68.8	5.547	2272			519.7	189.8	.3		720

FORM 0-25-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC
9477-54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 67-76 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101										.0								1	1		
100/ 99									.1	.1								4	4		
98/ 97								.1	.3	.3	.1	.1	.0					21	21		
96/ 95								.4	.3	.6	.7	.1	.1					48	48		
94/ 93							.3	.7	1.5	1.2	.4	.1						94	94		
92/ 91						.1	1.3	3.1	2.6	.7	.0							175	176		
90/ 89						1.1	4.5	4.2	.8	.0	.0							238	238		
88/ 87					.4	4.0	4.1	1.1	.5	.1								227	227		
86/ 85				.0	3.3	4.4	1.2	.6	.1	.0	.0							217	218		
84/ 83			.1	2.0	3.3	1.4	.4	.4	.2	.0								178	178	10	
82/ 81		.1	1.9	5.1	2.1	.7	.0	.2	.1									227	227	33	
80/ 79		.4	3.6	2.9	.4	.3	.1	.2										175	175	136	2
78/ 77		2.0	3.4	1.0	.3	.2	.1											158	158	623	55
76/ 75	.2	4.2	1.3	.6	.2	.0												145	145	639	326
74/ 73	.8	4.2	1.2	.2	.1	.1												147	149	361	629
72/ 71	1.4	2.3	.3	.2	.1													97	97	230	581
70/ 69	.9	.7	.4	.0	.1													49	49	104	329
68/ 67	.3	.5	.2															22	22	58	145
66/ 65	.0	.4		.0														12	12	28	70
64/ 63			.0	.0														2	2	10	51
62/ 61																				3	20
60/ 59																				2	18
58/ 57																					7
56/ 55																					4
TOTAL	3.6	14.9	12.5	12.1	10.3	12.3	12.0	11.0	6.5	3.1	1.3	.4	.1					2237	2241	2237	2237

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.	11743817	157961	70.6	16.240	2237							
Dry Bulb	15548590	185992	83.0	7.076	2241			739.4	603.6	499.3	55.8	744
Wet Bulb	12601604	167744	75.0	3.216	2237			729.7	599.3	30.6		744
Dew Point	11511771	160297	71.7	3.367	2237			687.5	336.6	.3		744

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

9477 54921

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | AUG 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
98/ 97										.1	.1	.0						5	5		
96/ 95									.3	.6	.3							29	29		
94/ 93							.1	.8	1.9	.8	.1	.1	.0					94	94		
92/ 91						.1	1.2	3.0	2.8	.7	.2	.0						192	192		
90/ 89					.0	.9	3.2	4.1	1.7	.5	.2	.1	.0					258	258		
88/ 87					.2	2.4	4.2	1.5	1.1	.5	.2							240	240		
86/ 85		.0		.2	3.2	4.5	.9	.9	.8	.1	.1	.1						256	256		
84/ 83			.1	1.6	3.8	1.4	.6	.7	.3									207	207	1	1
82/ 81		.0	1.1	3.9	2.4	.8	.9	.2				.0						226	226	11	
80/ 79	.0	.2	2.5	2.8	.7	.4	.1	.1	.0									167	167	134	3
78/ 77	.1	1.5	2.4	.8	.3	.1	.2	.0										133	133	558	33
76/ 75	.7	3.7	2.3	.2	.3	.4	.0											181	182	653	260
74/ 73	.9	4.2	.7	.4	.2													154	154	384	594
72/ 71	1.1	3.5	.7	.2	.1	.0												136	139	316	624
70/ 69	1.1	1.4	.5	.1	.1													75	80	167	391
68/ 67	.2	.5	.3	.2														28	29	75	162
66/ 65	.0	.2	.3															12	12	45	116
64/ 63	.1	.1																5	5	24	104
62/ 61		.0																1	1	10	50
60/ 59		.0																1	1	2	40
58/ 57																					11
56/ 55																					5
54/ 53																					3
52/ 51																					2
48/ 47																					1
TOTAL	4.3	15.4	11.0	10.5	11.3	11.0	11.5	11.4	8.9	3.2	1.2	.4	.1						2410		2400
																		2400		2400	

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.	12419368	167760	69.9	16.995	2400							
Dry Bulb	16496613	198645	82.4	7.152	2410			738.1	661.6	490.2	39.5	744
Wet Bulb	13272670	178284	74.3	3.467	2400			718.9	539.7	15.5		744
Dew Point	12057320	169848	70.8	3.937	2400			641.1	276.2	.3		744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95										.0		.0						2	2		
94/ 93									.3	.4	.3							21	21		
92/ 91						.1	.1	.4	1.5	.4	.1							59	59		
90/ 89						.1	1.4	2.4	1.0	.5	.0	.1	.1					125	125		
88/ 87					.2	1.2	3.0	2.4	.7	.4	.3							186	186		
86/ 85			.1	.1	1.6	3.3	1.5	.8	.4	.2	.1							179	179		
84/ 83			.1	.6	2.8	1.7	1.2	.6	.3	.1	.3							173	174		
82/ 81		.1	.5	2.7	1.6	.9	.8	.6	.3	.1								169	169	4	
80/ 79		.3	1.6	2.2	1.0	.7	.2	.5	.3									154	154	30	3
78/ 77		1.6	2.4	1.2	.7	.2	.5	.3	.3	.1								166	166	225	27
76/ 75	.4	4.8	2.5	.8	.4	.2	.3	.2	.3	.0								222	222	468	113
74/ 73	1.3	4.5	1.2	.5	.3	.4	.1	.2	.1									198	199	430	383
72/ 71	1.6	3.3	.8	.4	.3	.4	.4	.3	.2						~~.1~~			173	174	295	430
70/ 69	.9	2.2	.8	.2	.3	.1	.3	.1										111	112	191	353
68/ 67	1.0	1.2	.7	.3	.3	.2	.1	.1										91	92	151	242
66/ 65	.2	1.0	.4	.2	.2	.1	.1											51	51	110	136
64/ 63	.6	1.3	.4	.0	.2	.1	.1											62	62	89	126
62/ 61	.3	.5	.2	.1	.1	.0	.0											29	30	74	80
60/ 59	.1	.5	.3	.1	.1	.0												26	26	50	58
58/ 57	.1	.2	.1	.1	.1													13	13	43	77
56/ 55	.0	.2	.2	.1	.0													14	14	30	45
54/ 53		.3	.2															12	12	21	33
52/ 51		.2	.1															7	7	16	27
50/ 49	.1	.0																3	3	13	42
48/ 47																				4	38
46/ 45		.1																2	2	1	10
44/ 43		.0																1	1	4	8
42/ 41		.0																1	1		10
40/ 39																				1	2
~~38/ 37~~																					1
~~36/ 35~~																					~~1~~
TOTAL	6.8	22.6	12.8	9.7	10.2	9.9	10.0	8.8	5.6	2.3	1.1	.1	.1		~~.1~~				2256		2250
																		2250		2250	

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.	12815195	164695	73.2	18.381	2250							
Dry Bulb	13760511	175111	77.6	8.641	2256			649.1	528.5	311.8	7.3	720
Wet Bulb	11353293	159207	70.8	6.256	2250			574.1	370.2	4.2		720
Dew Point	10341591	151631	67.4	7.394	2250		.6	497.9	169.9	.3		720

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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								.1	.1	.1									6	6		
90/ 89							.1	.3	.2		.0	.0							15	15		
88/ 87						.1	.3	.7	.7	.3	.2								52	52		
86/ 85				.0	.1	.9	.7	.8	.6	.3	.0	.1							84	84		
84/ 83				.0	.4	.8	.8	.6	.5	.3	.2								85	85		
82/ 81		.0	.1	.4	1.2	.7	1.2	.9	1.0	.6	.0								145	145		
80/ 79			.4	1.1	.6	1.3	.7	1.2	.9		.0								143	143	2	
78/ 77			.7	.8	.7	.7	1.2	.7	.5	.2	.3								136	136	19	2
76/ 75		.7	.8	.9	.8	.9	.7	1.0	.3	.3	.0								149	149	84	3
74/ 73	.0	1.4	1.0	.5	.5	1.0	.8	.6	.5	.2	.2								155	155	164	59
72/ 71	.6	2.4	.9	.7	.9	.8	.7	.3	.5	.3									192	192	177	136
70/ 69	.5	1.9	.5	.5	.5	.3	.6	.6	.5	.0									139	139	214	171
68/ 67	.7	1.3	.6	1.0	.4	.6	.4	.6	.2										136	139	195	176
66/ 65	.6	1.0	.7	.7	.5	.2	.6	.4	.1										112	113	195	140
64/ 63	.5	1.9	.8	.7	.4	.6	.7	.0											132	135	176	154
62/ 61	.6	1.4	.5	.6	.6	.4	.3												100	100	171	155
60/ 59	.5	1.2	.5	.4	.6	.6	.1												92	92	139	155
58/ 57	.4	1.0	.8	.5	.4	.3	.1												83	83	122	154
56/ 55	.3	.9	.8	.3	.4	.2													69	69	120	149
54/ 53	.4	1.2	.8	.5	.3	.0													77	77	134	129
52/ 51	.4	1.3	.7	.5	.1	.1													73	73	113	118
50/ 49	.1	1.0	.5	.3	.1														49	49	97	99
48/ 47	.3	.9	.6	.1	.1														45	46	73	96
46/ 45	.0	.5	.2	.1															20	20	56	93
44/ 43	.2	.3	.1																15	15	31	100
42/ 41	.0	.2																	5	5	23	75
40/ 39	.1	.0	.1																7	7	8	79
38/ 37		.1																	2	2	4	33
36/ 35		.0																	1	1	2	26
34/ 33		.0																	1	1		12
32/ 31	.0																		1	1	2	6
30/ 29																						1
TOTAL	6.4	21.0	12.1	10.8	9.8	10.8	9.9	8.9	6.4	2.6	1.1	.1							2321	2329	2321	2321

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	12052768	160796	69.3	19.838	2321
Dry Bulb	11384720	160776	69.0	11.084	2329
Wet Bulb	9101757	143861	62.0	8.928	2321
Dew Point	7873790	133096	57.3	10.203	2321

Mean No. of Hours with Temperature

Element	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	Total
Dry Bulb		.3	460.0	309.9	142.8		744
Wet Bulb		.6	274.1	86.2			744
Dew Point		2.2	175.3	20.5			744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87										.0								1	1		
86/ 85						.0			.1									3	3		
84/ 83					.0	.2	.0	.1										10	10		
82/ 81				.1	.3	.2	.3	.1	.0									28	28		
80/ 79			.1	.4	.1	.6	.3	.4	.3	.1								51	51		
78/ 77		.0	.1	.1	.4	.5	.3	.3	.2	.1								49	49		
76/ 75		.3	.5	.3	.7	.7	.6	.1	.0	.2								76	76	12	
74/ 73		.4	.4	.4	.8	.8	.8	.3	.3	.2								98	98	38	13
72/ 71	.0	.5	.4	.5	.6	.4	.9	.3	.4	.1								97	97	42	28
70/ 69	.1	.5	.9	.7	1.0	.5	.6	.4	.4	.2	.0							122	122	65	50
68/ 67	.1	1.1	.9	.3	.3	.5	.6	1.1	.2	.1	.1							122	122	93	35
66/ 65	.2	.9	.5	.7	.3	.8	.9	.9	.4	.3								130	130	102	66
64/ 63	.5	1.6	.4	.5	.5	1.0	.8	.7	.1									137	137	132	101
62/ 61	.4	.7	.4	.4	.7	1.0	.7	.7	.3	.0								119	119	120	109
60/ 59	.2	.9	.6	.4	.7	1.0	.4	.3	.1									108	109	84	82
58/ 57	.1	.8	.5	.9	.9	1.2	.9	.1										123	123	101	76
56/ 55	.2	.8	.6	1.2	1.2	.8	.5	.0										118	118	120	84
54/ 53	.1	.9	.5	.9	.9	.7	.3											97	97	129	83
52/ 51	.2	1.0	1.1	1.3	.8	.5	.4											117	117	144	72
50/ 49	.1	.9	.7	.7	.8	.4												82	82	155	78
48/ 47	.4	1.2	.8	1.0	.7	.1	.1											75	77	169	106
46/ 45	.2	1.5	1.6	1.1	.6	.2	.3											122	126	149	117
44/ 43	.1	1.2	1.7	.9	.1	.0	.1											96	98	118	158
42/ 41	.2	1.3	1.2	.3	.0	.0												68	68	122	142
40/ 39	.2	1.2	.9	.4	.0													61	62	125	146
38/ 37	.2	.9	.2	.2	.1													37	37	80	125
36/ 35	.1	.3	.3	.1														18	18	53	143
34/ 33	.1	.4	.0	.1														13	13	30	114
32/ 31	.1	.4	.0		.0													12	12	28	91
30/ 29	.0	.1		.0														5	5	7	79
28/ 27	.0	.0	.0	.0														4	4	6	38
26/ 25	.0	.0	.1															4	4	2	33
24/ 23		.1	.0															4	4	6	16
22/ 21			.0															1	1	5	6

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 720-670/10

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | NOV MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19	.0																	1	1	2	11
18/ 17																					5
16/ 15																					4
14/ 13																					3
12/ 11																					6
10/ 9																					4
8/ 7																					5
TOTAL	4.0	20.1	15.8	14.1	12.6	12.4	10.0	6.3	3.0	1.5	.1								2237		2229
																		2229		2229	

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.	10627031	147537	66.2	19.665	2229							
Dry Bulb	7999381	130933	58.5	12.255	2237		10.0	211.5	101.7	20.6		720
Wet Bulb	6312442	116136	52.1	10.834	2229		18.1	77.5	16.2			720
Dew Point	5102810	102768	46.1	12.794	2229		97.2	40.7	4.2			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

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 67-76 YEARS — DEC MONTH

 — ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79				.0		.1												3	3		
78/ 77				.1	.1	.2	.1											10	10		
76/ 75		.0	.2	.4	.4	.3	.0		.0									30	30		
74/ 73		.7	.1	.8	.2	.2	.4	.1		.0								54	63	7	3
72/ 71		.4	1.0	.5	.4	.3	.2	.2	.3	.1								77	81	20	8
70/ 69	.2	1.2	1.4	.5	.5	.4	.2	.2	.3									104	106	48	29
68/ 67	.4	1.4	.9	.1	.6	.0	.3	.3	.1									90	92	69	45
66/ 65	.6	1.5	.6	.4	.4	.4	.5	.2	.0									99	99	100	84
64/ 63	1.7	1.7	.4	.9	.3	.8	.2	.4	.2									139	140	112	132
62/ 61	.6	1.3	.3	.6	.6	.2	.8	.3	.1									105	105	77	77
60/ 59	.2	1.2	.3	.4	.6	.3	1.1	.4	.1									111	112	82	47
58/ 57	.8	1.1	.4	.6	.8	1.0	.8	.2										122	123	81	74
56/ 55	.8	1.4	.5	.9	1.1	1.0	.7	.1										138	138	98	74
54/ 53	.4	1.4	.7	.8	.8	.8	.4											111	111	117	80
52/ 51	.6	1.7	1.1	1.0	.6	.6	.6											131	131	104	74
50/ 49	.1	.9	.6	.7	.9	.3	.2											82	82	135	58
48/ 47	.3	1.7	.6	.8	.4	.6		.0										96	96	147	91
46/ 45	.8	1.8	1.4	.8	.8	.2	.1	.0										125	125	150	138
44/ 43	.4	2.3	1.3	1.2	.2	.1												117	118	131	89
42/ 41	.7	1.9	.8	.1	.2													80	80	142	115
40/ 39	.5	1.9	.9	.6	.2													87	87	124	141
38/ 37	.8	1.3	.9	.3	.0	.0												71	72	117	118
36/ 35	.3	1.1	.5	.4														47	47	70	143
34/ 33		1.0	.5															38	38	68	97
32/ 31		.8	.2	.0														20	21	38	93
30/ 29	.1	.6	.1	.0														20	20	34	98
28/ 27	.2	.2	.1															10	10	20	69
26/ 25	.1	.1	.0															6	7	8	56
24/ 23		.1																2	2	5	33
22/ 21	.0	.0																2	2	2	22
20/ 19		.0																1	1	1	16
18/ 17																				1	5
16/ 15																					9
12/ 11																					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												

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 / 724-910

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | DEC MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
10/	9																				4
TOTAL	11.	30.	715.	913.	210.	3 8.2	6.7	2.6	1.2	.2									2152		2128
																		2128		2128	

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.	12359806	156396	73.5	20.173	2128							
Dry Bulb	6641998	116812	54.3	11.837	2152		21.8	133.1	36.6			744
Wet Bulb	5496920	105530	49.6	11.132	2126		38.1	57.3	2.4			744
Dew Point	4644778	95362	44.8	12.213	2128		143.0	30.4	1.7			744

FORM 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

U S GOVERNMENT PRINTING OFFICE

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 71 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
66/ 65		50.0																1	1	1	
64/ 63																					1
46/ 45			50.0															1	1		
42/ 41																				1	
38/ 37																					1
TOTAL		50.0	50.0																2		2
																		2		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	≥ 90 F	≥ 95 F	Total
Rel. Hum.	13978	166	83.0		2							
Dry Bulb	6381	111	55.5		2							93
Wet Bulb	5906	106	53.0		2							93
Dew Point	5465	101	50.5		2							93

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

9477 5-1321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | JAN 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
72/ 71				.2														1	1		
70/ 69	.4	.9	.4		.2													9	9	3	2
68/ 67	.2	2.9	.4															16	16	9	6
66/ 65	.7	4.0	.2															22	22	23	17
64/ 63	1.8	2.5	.2															20	20	21	30
62/ 61	2.5	.9	.2															16	16	24	18
60/ 59	2.2	.9			.2													15	15	15	17
58/ 57	2.7	1.1	.2															18	18	16	20
56/ 55	1.3	1.6	.2															14	14	12	12
54/ 53	1.3	1.1	.2															12	12	13	9
52/ 51	.2	.9		.7		.2	.2											10	10	10	10
50/ 49	1.6	2.2	.4															19	19	11	13
48/ 47	2.5	2.5	.2	.2														24	24	26	17
46/ 45	.7	4.0	.4	.4														25	25	22	22
44/ 43	.9	.9	1.1															13	14	14	15
42/ 41	1.3	2.9	1.1															24	24	21	15
40/ 39	1.1	2.7	1.1		.2													23	24	27	21
38/ 37	1.6	1.8	1.1															20	20	22	17
36/ 35	1.3	2.9	1.1															24	26	20	20
34/ 33	.2	2.7	.9															17	17	19	20
32/ 31	1.8	3.3	2.0															32	32	26	20
30/ 29	.2	3.8	.7															21	21	25	20
28/ 27	.9	3.6	.2	.2														22	22	23	25
26/ 25	.7	1.6																10	10	21	10
24/ 23	.2	1.1	.2															7	7	8	25
22/ 21	.2	1.1																6	6	7	9
20/ 19	.7	.2																4	4	7	15
18/ 17		.4																2	2	1	7
16/ 15		.4																2	2	3	6
14/ 13																				1	1
12/ 11																					5
10/ 9																					2
8/ 7																					1
6/ 5																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 67-76 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	29.2	54.9	12.9	1.8	.7	.2	.2											448	452	448	448

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.	3557438	39586	88.4	11.543	448							
Dry Bulb	994055	20279	44.9	13.667	452		21.8	5.3				93
Wet Bulb	936560	19518	43.6	13.888	448		25.3	2.5				93
Dew Point	879123	18623	41.6	15.325	448		30.5	1.7				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 57-76 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
74/ 73				1.2														8	8		
72/ 71			1.1	1.1	.3	.2												17	17		
70/ 69		.6	2.5	.3	.3		.2			.2								26	26	5	
68/ 67		2.8	1.4	.5	.3	.3												34	34	27	7
66/ 65		1.9	.8	.6	.2		.2		.2									24	24	37	31
64/ 63	1.1	2.6	.3	.5		.2		.2										31	31	32	48
62/ 61	.8	1.1	.9	.3	.8			.2										26	26	30	30
60/ 59	.8	1.9	.5	.3	.2	.6												27	27	24	20
58/ 57	.6	1.7	.6	1.1	.4	.6	.2	.2										33	33	23	20
56/ 55	.9	.6	1.1	.2	.3	.2	.3											23	23	27	24
54/ 53	.8	.8	1.4	.8	.8	.3	.2											32	32	19	24
52/ 51	.2	1.2	.6	.5	.6	.3	.2											23	24	22	12
50/ 49	.5	1.9	.9	.9	.5	.5	.2											34	35	30	16
48/ 47	.5	3.1	.8	.8		.6												37	37	32	29
46/ 45	.3	1.4	1.1	.8	1.1	.3	.3											34	34	42	34
44/ 43	.6	1.4	2.2	1.1	.6													38	39	27	26
42/ 41	.6	1.7	1.1	.9	.2													29	29	33	21
40/ 39	.5	1.1	1.9	.6	.2													27	27	42	20
38/ 37	.2	.8	1.4	1.1														22	22	24	24
36/ 35	1.7	.2	1.2	.9	.3													28	28	41	41
34/ 33	.8	1.4	.6	.2														19	19	24	28
32/ 31	.5	1.1	.9	.6														20	20	28	25
30/ 29	.8	1.2	.8	.2														19	19	22	35
28/ 27	.6	1.7	.5	.2														19	19	20	35
26/ 25		1.2	.5															11	11	16	15
24/ 23	.2	.6																5	5	13	21
22/ 21																				6	20
20/ 19																					11
18/ 17																					9
16/ 15																					5
14/ 13																					7
12/ 11																					5
10/ 9																					2
8/ 7																					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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | JAN 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
TOTAL	12.7	33.9	24.9	15.5	6.7	4.0	1.5	.5	.2	.2								646	649	646	646

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.	4099274	50208	77.7	17.478	646							
Dry Bulb	1722934	32362	49.9	12.983	649		10.6	12.2	1.1			93
Wet Bulb	1504410	30060	46.5	12.798	646		15.1	4.6				93
Dew Point	1314568	27500	42.6	14.937	646		27.5	1.0				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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
78/ 77				.2	.5	.6	.2			.2								10	10		
76/ 75				.6	2.2	.8	.2											24	24		
74/ 73			.2	2.7	.6	.3	.3	.2			.3							29	29		
72/ 71		.2	.8	2.8	1.1	.5		.3	.2	.3	.3							41	41	3	
70/ 69		.6	2.5	.5	.6	.6	.2	.3	.2									35	35	15	1
68/ 67	.2	.2	1.1	.2	1.3	.5	.6	.3		.2								28	28	53	12
66/ 65	.2	.6	.6	.5	.5	.5	.5		.5									24	24	34	29
64/ 63	.2	.9	.5	1.1	.8	1.9	1.1	.5	.2	.3								47	47	29	58
62/ 61	.3	1.3	.2	.3	.3	.9	1.1	.3	.3									32	32	23	23
60/ 59	.3	.6	.6	.2	.9	.6	.3	.8	.2									29	29	27	19
58/ 57		.5	.2	.9	.8	.6	.8	.3	.3									28	28	23	21
56/ 55	.2	.8	.9	.2	.2	.6	.5	.3										23	23	27	23
54/ 53	.5	1.3	.5	.3	.9	.3	.9	.3										32	32	30	16
52/ 51	.2	.5	.3	.6	.3	.3	1.3	.2										23	23	47	20
50/ 49	.2	1.3	.3	.3	.3	.5	.2											19	19	26	14
48/ 47		1.9	.2	1.4	.5	.5	.3											31	30	21	29
46/ 45	.3	.8	.5	.3	.8	.9	.3											25	26	43	40
44/ 43	.3	1.9	1.1	.6	.2	.3												28	28	27	26
42/ 41	.6	.8	.8	.2	.2	.3												18	18	39	22
40/ 39	1.1	.5	.5	.9	.2													20	20	36	33
38/ 37	.6	.5	.6	.8	.5													19	19	20	29
36/ 35	.9	.8	1.1	.9	.6													28	28	29	23
34/ 33	.2	.6	.6	.6	.2													14	14	22	34
32/ 31	.2	.6		.2														6	6	16	14
30/ 29	.5	1.9																15	15	20	20
28/ 27	.6	.6	.2															9	9	22	32
26/ 25	.5	.2																4	4	7	29
24/ 23																				1	23
22/ 21																					14
20/ 19																					13
18/ 17																					6
16/ 15																					10
14/ 13																					4
12/ 11																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FLRT POLK AAF LOUISIANA 67-76 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	7.8	19.5	14.1	17.2	14.2	11.6	8.6	3.8	1.7	.9	.6							640	641	640	640

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3180545	43097	67.3	20.874	640
Dry Bulb	2081016	35466	55.3	13.619	641
Wet Bulb	1661808	31632	49.4	12.409	640
Dew Point	1342757	27739	43.3	14.828	640

Mean No. of Hours with Temperature						
≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
	4.9	24.2	9.1			93
	9.6	10.3				93
	24.4	1.9				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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
80/ 79						1.0					.2							5	5		
78/ 77					1.0	.5	.2	.2										8	8		
76/ 75				.5	1.7	1.0		.7										16	16		
74/ 73			.5	1.7	1.4	.7	.5			.2	.5							23	23		
72/ 71		.2	.7	2.9	1.0				.2	.5		.2						24	24	2	
70/ 69	.2	.2	2.4	.2	1.0		.2	.7	.7									24	24	19	2
68/ 67			.7	.7	.5	.2		.2		.5								12	12	23	6
66/ 65	.5	.2	.7	1.2	1.4	.7	.5	.7	.2	.7								29	29	29	15
64/ 63		1.4	1.2	.5	.5	1.2	.5	.5	.2	.2								26	26	13	39
62/ 61		1.0	.2	.7	1.2	1.4	.5	.5	1.2									28	28	21	21
60/ 59			.5	.5	.7	.7	1.0	.7	.5									19	19	15	10
58/ 57		.5	.5	.5	.7			1.0	.5									15	15	16	15
56/ 55	.5	1.4	.7		1.0	.7	.2	.7										22	23	19	9
54/ 53		.2	.2		.2		1.0	.5										10	11	27	16
52/ 51	.5	.5		.7			1.2	.2										13	13	20	16
50/ 49	.2	.5		1.0	.5	1.2	.5											16	16	23	13
48/ 47	.2	1.2	.2	.7	.5	.7	.5											17	17	16	9
46/ 45		1.0	.5	.2	.5	.2												10	10	19	22
44/ 43	.2	.7		.5	.2													7	7	21	12
42/ 41	.2	2.4	.7	.5	.2	.7												20	20	26	19
40/ 39	1.0	1.0	1.0	1.7	.7													22	22	20	24
38/ 37	.5	.2	1.0	.2	.5													10	10	19	14
36/ 35	.7	.5	.2	1.0														10	10	12	12
34/ 33	.7	1.0	.5	.2	.2													11	11	18	27
32/ 31		1.0																4	4	11	7
30/ 29	.7	.7																6	6	16	14
28/ 27	.7	1.0																7	7	6	33
26/ 25																				3	15
24/ 23																					20
22/ 21																					6
20/ 19																					4
18/ 17																					7
16/ 15																					4
14/ 13																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
10/ 9																					1
TOTAL	7.0	16.9	12.6	16.2	15.9	11.1	6.8	6.8	3.6	2.2	.7	.2							416		414
																		414		414	

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.	1942879	26867	64.9	21.968	414							
Dry Bulb	1411132	23566	56.6	13.545	416		3.8	25.0	11.6			93
Wet Bulb	1099150	20730	50.1	12.168	414		8.1	9.9				93
Dew Point	868254	17944	43.3	14.804	414		25.4	1.8				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-73 (YEARS) JAN (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
72/ 71			1.3															1	1		
70/ 69		1.3	1.3															2	2	1	
68/ 67			1.3															1	1	1	1
66/ 65	1.3	3.9																4	4	5	2
64/ 63		3.9	2.6															5	5	1	5
62/ 61	1.3	6.6																6	6	5	4
60/ 59						1.3												1	1	6	3
58/ 57		1.3		1.3		1.3												3	3		4
56/ 55			2.6	3.9		1.3												6	6	1	
54/ 53			1.3	1.3														2	2	1	1
52/ 51		2.6		1.3														3	3	3	1
50/ 49	2.6	3.9	1.3		1.3													7	7	10	4
48/ 47	1.3	2.6																3	3	6	5
46/ 45	1.3	3.9			1.3													5	5	5	7
44/ 43				2.6	1.3													3	3	2	2
42/ 41	1.3	2.6																3	3	2	6
40/ 39		2.6																2	2	2	2
38/ 37	1.3		2.6															3	3	6	5
36/ 35			2.6															2	2	1	1
34/ 33	1.3	1.3	1.3															3	3	3	2
32/ 31		1.3	1.3															2	2	5	
30/ 29	1.3	7.9																7	7	6	3
28/ 27	2.6																	2	2	4	11
26/ 25																					5
24/ 23																					2
TOTAL	15.8	46.1	19.7	10.5	3.9	3.9													76		76
																		76		76	

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.	535308	6276	82.6	15.074	76							
Dry Bulb	193009	3713	48.9	12.442	76		13.5	4.9				93
Wet Bulb	174049	3519	46.3	12.171	76		18.4	2.4				93
Dew Point	156272	3298	43.4	13.244	76		25.7	1.2				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 71-73 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			5.3															1	1		
70/ 69																				1	
68/ 67		5.3																1	1	1	1
66/ 65	5.3																	1	1	1	2
64/ 63	5.3																	1	1	1	1
62/ 61				5.3														1	1		
58/ 57		5.3																1	1		
56/ 55																				2	1
52/ 51																					1
50/ 49			10.5															2	2		
48/ 47		5.3			5.3													2	2	3	
46/ 45			5.3															1	1		2
44/ 43		5.3	5.3															2	2	1	1
42/ 41																				2	1
40/ 39																				1	
38/ 37				10.5														2	2		
36/ 35																					1
34/ 33			15.8															3	3		2
32/ 31																				5	
30/ 29		5.3																1	1	1	
28/ 27																					3
26/ 25																					1
22/ 21																					2
TOTAL	10.5	26.3	42.1	15.8	5.3													19	19		19
																				19	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	122803	1501	79.0	15.319	19							
Dry Bulb	47754	922	48.5	12.937	19		4.9	9.8				93
Wet Bulb	42979	867	45.6	13.777	19		29.4	9.8				93
Dew Point	38189	799	42.1	15.967	19		29.4	4.9				93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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	1		
68/ 67		.8	.5		.3													6	6	2	
66/ 65	.3	2.5																11	11	9	6
64/ 63	2.5	2.0	.5															20	20	17	22
62/ 61	.5	1.8	.5															11	11	10	10
60/ 59	1.5	1.8			.3													14	14	15	11
58/ 57	.3	2.3	.5	.3														13	13	13	10
56/ 55	.3	.8																4	4	9	12
54/ 53	1.5	1.3	.5															13	14	11	13
52/ 51	2.3	2.3	.3	.3														20	20	16	12
50/ 49	.8	2.0	.5	.8														16	16	14	6
48/ 47	1.0	5.0	.5	.5														28	28	21	21
46/ 45	.5	3.0	3.0	.8														29	29	21	23
44/ 43	1.0	2.5	2.3	.8	.3													27	27	23	17
42/ 41	1.0	4.3	1.0	1.3														30	30	25	19
40/ 39	1.0	3.3	1.5	.5														25	25	33	19
38/ 37	1.0	4.0	1.0	.8	1.0													31	31	29	28
36/ 35	.5	1.0	1.8															13	13	25	21
34/ 33	.5	3.0	1.0	.3														19	19	11	31
32/ 31	1.3	2.8	.3															17	17	32	14
30/ 29	.8	2.0	1.0															15	15	18	19
28/ 27	.8	3.5	.8															20	20	17	23
26/ 25	.3	1.5	.3															8	8	13	17
24/ 23		.8	.3															4	4	7	9
22/ 21	.5	.3																3	3	5	6
20/ 19																				2	11
18/ 17																					7
16/ 15																					6
14/ 13																					1
12/ 11																					3
10/ 9																					1
4/ 3	.3																	1	1	1	
2/ 1																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03731 (STATION) - FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	20.1	54.4	17.8	6.0	1.8													399	400	399	399

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	2968615	34041	85.3	12.718	399							
Dry Bulb	840202	17[illegible]	44.4	11.572	400		14.3	1.5				84
Wet Bulb	776611	16963	42.5	11.803	399		20.0	.4				84
Dew Point	709850	15960	40.0	13.403	399		24.8					84

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 57-76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73				.2		.2												2	2		
72/ 71			.2	.4	.2	.4	.2											7	7		
70/ 69		.4	1.9	.5	.4	.2	.2	.2										21	21		
68/ 67		.7	1.8	.5	.4	.5												22	22	9	2
66/ 65	.2	1.9	1.1	1.4	.9	.4	.2	.4										36	36	22	9
64/ 63		2.5	.7	.5	.2	.5	.5											28	28	26	28
62/ 61	.2	1.4	.9	.7	1.4	.9	.4	.2										34	34	22	21
60/ 59	.2	1.1	.5	1.2	.4	.5	.4	.2										25	25	32	18
58/ 57		.2	.9	.7	1.6	.9	.5	.2										28	28	14	20
56/ 55		1.1	.9	1.1	1.1	.9	.5											31	31	21	14
54/ 53	.5	.9	1.8	.9	1.4	1.4	.7	.2										44	44	30	18
52/ 51	.2	1.1	1.2	1.8	1.4	.4	.2											35	35	27	19
50/ 49	.2	.4	1.2	1.9	1.8	.2												32	32	37	18
48/ 47	.9	2.6	1.9	1.9	.9	.9												52	52	43	33
46/ 45	.2	1.2	1.5	1.1	1.6	.7	.2											37	37	52	35
44/ 43		.5	1.6	.5	1.8	.4	.2											28	28	39	24
42/ 41	.7	.7	.7	.9	.9	.2												23	23	42	32
40/ 39	.4	1.2	.7	1.2	.7	.2												25	25	33	36
38/ 37	.7	.4	1.1	.9	.4													19	19	28	34
36/ 35	.4		.5	.9														10	10	25	35
34/ 33			1.6		.2													10	10	18	28
32/ 31			.7	.5														7	7	16	16
30/ 29		.7	.5															7	7	14	19
28/ 27	.7	.2	.2															6	6	13	30
26/ 25			.2															1	1	6	20
24/ 23																					19
22/ 21																				1	13
20/ 19																					13
18/ 17																					2
16/ 15																					9
14/ 13																					1
12/ 11																					2
10/ 9																					1
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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | FEB 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
TOTAL	5.3	18.9	24.2	19.6	17.2	9.5	4.0	1.2										570	570	570	570

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.	2888746	39240	68.8	18.147	570							
Dry Bulb	1614687	29733	52.2	10.582	570		3.1	7.7	.3			84
Wet Bulb	1330950	26890	47.2	10.472	570		7.4	1.3				84
Dew Point	1076384	23614	41.4	13.131	570		21.5	.3				84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
80/ 79							.3												1	1		
78/ 77					.2		.2		.2	.2									4	4		
76/ 75				.2	.2	1.1	.5		.4	.2									14	14		
74/ 73				1.6	.2	.7	.9	.4	.4										23	23		
72/ 71			.2	1.1	.9	1.2	.9	.7	1.1	.2									35	35		
70/ 69		.5	.7	1.2	1.6	1.4	.7	.7	.9										44	44	3	
68/ 67		.4	.7	.9	.7	.7	2.3	.7	1.2										43	43	18	2
66/ 65	.2	.5	.2	.4	.9	1.6	1.2	1.1	.2		.2								36	36	27	15
64/ 63	.4		.2	1.1	.2	1.8	1.2	1.9	.7										41	41	30	17
62/ 61	.2	.4	.4	.9	.9	.5	1.1	1.1	.4										32	32	23	20
60/ 59		1.2		.4	.7	1.1	.7	1.2	.7										34	34	31	12
58/ 57	.2	.4		.5	.7	1.6	3.0	.9	.4										43	43	40	22
56/ 55		.7	.2	.7	.7	.9	.2	.5											22	22	32	27
54/ 53		.5	1.2	.7	.9	1.4	2.3	.4											42	42	40	17
52/ 51	.4	.7	.5		.5	1.2	.7												23	23	35	26
50/ 49		.7	1.1	.2	.5	1.8	.2												25	25	47	20
48/ 47	.2	.5	.9	.4	.2	.7	.9												21	21	40	36
46/ 45		.5	1.6		.9	1.1	.2												24	24	38	41
44/ 43		.7	.5		1.1	.4	.2												16	16	38	25
42/ 41		.2			.4	.7													7	7	37	21
40/ 39	.4	.2		.7	.9														12	12	17	39
38/ 37	.4	.2	.4	.4	.2	.2													9	9	20	31
36/ 35	.2	.4	.4		.2														5	6	15	21
34/ 33	.4																		2	2	13	26
32/ 31		.4	.4																4	4	13	18
30/ 29		.2																	1	1	3	29
28/ 27	.2																		1	1	5	22
26/ 25																						19
24/ 23																						19
22/ 21																						11
20/ 19																						9
18/ 17																						5
16/ 15																						7
14/ 13																						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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 67-76 FEB
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					2
10/ 9																					2
TOTAL	2.8	9.2	9.4	11.2	13.5	20.0	17.5	9.4	6.4	.5	.2							565	565	565	565

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.	2011618	31786	56.3	19.902	565							
Dry Bulb	2021398	33262	58.9	10.589	565		.9	24.4	6.2			84
Wet Bulb	1494573	28537	50.5	9.715	565		3.1	3.1				84
Dew Point	1087180	23658	41.9	13.084	565		21.9	.3				84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79							.3	.3	.6									4	4		
78/ 77						.3				1.4								6	6		
76/ 75					.8	.8	.6	.3	1.4									14	14		
74/ 73				.6	.3	1.1	1.7	.8	.3	.3								18	18		
72/ 71			.3	.6	.8	2.0	.8	.6	.6	.8								23	23		
70/ 69	.3	.3	1.4	.8	1.1	1.1	1.1	1.7	.6	.3								31	31	2	1
68/ 67		1.1		.6	.3	2.2	1.7	.3	.8	.3	.6							28	28	11	1
66/ 65		.8		.3	.6	1.4	1.4	.6	1.1									23	23	20	8
64/ 63		.3	.6	1.1	1.1	1.7	.8	2.0	2.0	.6								36	36	17	12
62/ 61		.3	.3		1.1	1.1	.3	.8	2.0									21	21	20	9
60/ 59	.3	1.4		.6	.3	.6	.8	2.2	.3									25	25	28	10
58/ 57				.3	.3		2.[illegible]	.3										11	11	21	17
56/ 55	.3	.3	.3	1.1	.3	.6	2.[illegible]	1.1										21	21	28	16
54/ 53			.3	.8	.3	1.4	1.4											15	15	23	10
52/ 51	.6	.3	1.7	.8	.6		.8	.3										18	18	18	15
50/ 49	.3	.6	.6	.6	.3	2.0	.6											17	17	29	15
48/ 47		.6	.3		.3	.3	.3											6	6	29	19
46/ 45		.8	.8		.3	1.1												11	11	37	37
44/ 43		.8	.3		.6	.8	.6											11	11	17	22
42/ 41			.3	.3	.6													4	4	15	12
40/ 39		.3			.3													2	2	8	16
38/ 37			.6															2	2	8	8
36/ 35	.3																	1	1	8	12
34/ 33	.8	1.1																7	7	11	23
32/ 31			.6															2	2	5	20
30/ 29																					12
28/ 27																				2	17
26/ 25																					14
24/ 23																					8
22/ 21																					6
20/ 19																					7
18/ 17																					1
16/ 15																					5
12/ 11																					1

Element (X)	Σy^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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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
10/ 9																					1
TOTAL	2.8	9.0	8.1	8.7	10.4	18.8	17.4	11.2	9.5	3.6	.6								357		357
																		357		357	

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.	1200066	19366	54.2	20.494	357							
Dry Bulb	1358761	21703	60.8	10.517	357		.5	29.2	9.9			84
Wet Bulb	982569	18431	51.6	9.335	357		1.6	3.1				84
Dew Point	701742	15158	42.5	12.780	57		21.6	.5				84

USAFETAC FORM 0-26-3 (OL A) JUN 7; PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-73 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73				2.7														1	1		
70/ 69			2.7															1	1		
68/ 67																				1	
66/ 65			2.7	2.7														2	2	1	
64/ 63		8.1	2.7	2.7														5	5	1	2
62/ 61	2.7		5.4	2.7			2.7											5	5	5	4
60/ 59																				2	1
58/ 57		2.7	2.7	2.7														3	3	2	2
56/ 55			2.7	2.7	2.7			2.7										4	4	2	2
54/ 53																				1	2
52/ 51		5.4	2.7			2.7												4	4	2	1
50/ 49				2.7														1	1	5	2
48/ 47		2.7	2.7															2	2	2	3
46/ 45			8.1	2.7	5.4													6	6	1	3
44/ 43																				2	
42/ 41																				4	
40/ 39				2.7														1	1	3	4
38/ 37				2.7														1	1		1
36/ 35		2.7																1	1	1	2
34/ 33																				1	2
32/ 31																				1	
30/ 29																					1
28/ 27																					3
26/ 25																					1
22/ 21																					1
TOTAL	2.7	21.6	32.4	27.0	8.1	2.7	2.7	2.7											37		37
																		37		37	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperatu					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	Total
Ref. Hum.	204397	2689	72.7	15.787	37						
Dry Bulb	114033	2027	54.8	9.108	37			4.5	2.3		84
Wet Bulb	97034	1862	50.3	9.618	37		2.3	2.3			84
Dew Point	82318	1688	45.6	12.143	37		13.6				84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 71-72 FEB
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B	Dry Bulb	Wet Bulb	Dew Point
70/ 69			3.0															1	1		
68/ 67		3.0																1	1	2	
66/ 65			3.0	3.0														2	2		2
64/ 63		12.1		3.0		3.0												6	6	1	
62/ 61	3.0	6.1																3	3	5	5
60/ 59																				3	1
58/ 57			3.0															1	1	1	2
56/ 55				3.0														1	1		2
54/ 53		9.1	3.0															4	4	5	
52/ 51																					4
50/ 49		3.0		6.1														3	3	2	
48/ 47		6.1																2	2	3	
46/ 45			6.1															2	2	2	5
44/ 43			3.0															1	1		1
42/ 41																				2	
40/ 39		3.0																1	1	1	2
38/ 37																				1	2
36/ 35																					2
34/ 33			3.0															1	1		
32/ 31		3.0																1	1	1	
30/ 29		6.1																2	2	2	1
28/ 27		3.0																1	1	1	1
26/ 25																				1	1
22/ 21																					2
TOTAL	3.0	54.5	24.2	15.2		3.0												33	33		33
																				33	

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.	225668	2702	81.9	11.768	33							
Dry Bulb	95733	1733	52.5	12.150	33		10.2	5.1				84
Wet Bulb	84371	1643	49.8	11.950	33		12.7	5.1				85
Dew Point	78154	1550	47.0	12.931	33		12.7					84

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 72 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
62/ 61	•1																	1	1	1	1
TOTAL	•1																	1	1	1	1
																		1		1	

Elemen (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.	10000	100	100.0		1							
Dry Bulb	3721	61	61.0		1							93
Wet Bulb	3721	61	61.0		1							93
Dew Point	3721	61	61.0		1							93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 72 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
44/ 43		.0																1	1		
42/ 41																				1	
40/ 39																					1
TOTAL		.0																	1		1
																		1		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.	7396	86	86.0		1							
Dry Bulb	1849	43	43.0		1							93
Wet Bulb	1681	41	41.0		1							93
Dew Point	1521	39	39.0		1							93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.4															2	2		
72/ 71		1.1	1.5															12	12		
70/ 69		2.5	.8															16	16	15	5
68/ 67	.8	4.9	1.9															36	36	27	23
66/ 65	.2	3.6	1.5															25	25	25	24
64/ 63	1.9	3.0	.4	.2	.2													27	27	34	39
62/ 61	2.3	2.3																22	23	26	28
60/ 59	.8	2.5	1.3		.2	.2												24	24	18	18
58/ 57	1.1	1.9	.8		.6													21	21	19	21
56/ 55	1.1	5.1	1.1	1.1	1.1	.4												46	46	24	14
54/ 53	.6	2.5	.6	.6	.2		.2											23	23	27	30
52/ 51	1.1	1.7	1.7	.8	.4		.2											28	28	24	20
50/ 49	.2	2.5	1.1	.8														22	22	24	18
48/ 47	.6	3.2	1.5	.6	.2													29	29	30	14
46/ 45	.4	4.4	1.5	1.3	1.1													41	41	33	31
44/ 43	.6	2.7	1.2	.4														25	25	33	33
42/ 41	.2	1.3	1.3	.2														14	14	24	23
40/ 39	.6	1.1	.6															11	11	25	27
38/ 37	.6	1.9	1.1															17	17	18	19
36/ 35	1.3	.8	.4															12	12	20	20
/ 33	.2	1.1	.2															7	7	8	20
32/ 31	.8	.4	.2															7	7	9	14
30/ 29	.2	.6																4	4	5	9
28/ 27	.2	.2																2	2	5	13
26/ 25		.2																1	1		6
24/ 23																				1	1
22/ 21																					3
20/ 19																					1
TOTAL	16.0	51.5	21.3	6.1	4.0	.6	.4											474	475	474	474

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.	3572281	40719	85.9	12.534	474							
Dry Bulb	1402288	25300	53.3	10.745	475		2.7	12.9	.4			93
Wet Bulb	1294427	24221	51.1	10.954	474		3.9	8.2				93
Dew Point	1205067	23187	48.9	12.236	474		9.2	5.5				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477 54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 67-76 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.2			.2										2	2		
78/ 77				.6	.8	.3	.3		.2									14	14		
76/ 75				1.1	.6	.6	.2		.2	.2								18	18		
74/ 73		.5	.3	2.3	.5	.2	.2	.2	.2	.2								28	28		
72/ 71		.3	2.0	2.2	.9	.2	.3		.2	.2	.2							41	41	9	1
70/ 69		1.4	2.9	2.0	.8	.6	.8			.2								56	56	27	7
68/ 67	.3	1.2	1.8	.8	.6	.9	.5	.5	.3									45	45	55	31
66/ 65	.2	1.7	2.0	1.2	1.2	.2	1.2	.3	.3	.3								56	56	43	37
64/ 63	.5	3.1	1.1	1.1	.9	1.9	.6	.9	.2	.2								67	67	49	54
62/ 61	.2	.6	.9	1.1	1.4	.6	.5	.2		.2								36	36	38	49
60/ 59	.3	1.4	.9	.5	1.2	.2	.6											33	33	42	29
58/ 57		.8	1.1	.8	1.2	.8	.2	.3	.3									35	35	35	29
56/ 55	.2	1.2	.9	1.4	.3	.9	.6											36	36	39	25
54/ 53	.3	1.1	.5	1.8	.5	.3	.9		.2									36	36	45	30
52/ 51		.9	.9	1.4	1.4	.6												34	34	41	31
50/ 49	.2	.5	.6	.9	.5	.3	.2											20	20	41	32
48/ 47	.2	.6	.5	1.1	1.2	.3												25	25	35	19
46/ 45		1.1	.6	1.2	.3	.2	.2											23	23	27	47
44/ 43	.5	.6	.5	.3	.2													13	13	44	35
42/ 41	.2	.5	.8	.2	.2													11	11	24	28
40/ 39		.8	.5	.2	.2													10	10	23	28
38/ 37		.6	.5															7	7	17	19
36/ 35	.5																	4	4	12	31
34/ 33		.2																1	1	4	26
32/ 31																				1	22
30/ 29																					14
28/ 27																					11
26/ 25																					5
24/ 23																					4
22/ 21																					3
20/ 19																					1
18/ 17																					2
10/ 9																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL 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				
TOTAL	3.4	18.9	19.2	22.0	14.9	8.9	7.1	2.5	1.8	1.2	.2							651	651	651	651

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.	3382376	45414	69.8	18.157	651							
Dry Bulb	2447860	39394	60.5	9.923	651			29.1	8.9			93
Wet Bulb	2014733	35657	54.8	9.743	651		.1	13.0				93
Dew Point	1704869	32333	49.7	12.341	651		9.0	5.6				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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
88/ 87												.2						1	1		
86/ 85										.2	.3							3	3		
84/ 83								.3	.2	.2		.2						5	5		
82/ 81						.3	.8	.8	.6		.2	.2						18	18		
80/ 79					.6	1.7	.6	1.1	.5	.2		.3						32	32		
78/ 77				.8	1.4	1.4	1.4		.9		.6							42	42		
76/ 75			.8	.5	1.4	1.9	.3	.3	1.2	.3	.2		.2					45	45		
74/ 73		.2	1.1	2.0	1.4	.8	.9	.3	.8		.8	.3						55	55	2	
72/ 71		.6	1.4	1.4	1.9	.6	.9	.3	1.6	.3	.8	.5						66	67	20	2
70/ 69		.9	.8	.6	.9	.9	.2	1.9	.6	.3	.3							48	48	52	15
68/ 67		.6	1.1	.3	.9	1.2	.9	1.1	.5	.2	.2							45	45	66	24
66/ 65		.3	1.2	.5	1.1	.8	.6	.2	.3	.6	.2							37	37	51	40
64/ 63	.2	.5	.8	.8	1.2	.9	.2	.8	.6	.5								41	41	35	42
62/ 61	.6	.3	.6	.5	.8	.6	.3	1.1	.3	.2								34	34	39	46
60/ 59		.5	.6	.5	1.4	.3	.6	.6		.2								30	30	35	39
58/ 57		.3	.3	.8	.5	.9	.5	.2	.5									25	25	57	28
56/ 55		1.1		.6	.9	1.4	.3	.2										29	29	51	28
54/ 53		.5	.5	.8	.8	.6	.5			.2								24	24	37	39
52/ 51			.5	.8	.5	.5	.2		.2									16	16	35	27
50/ 49		.2		.3	.8	.3												10	10	31	24
48/ 47		.2	.2	.2	.2	.2												5	5	37	21
46/ 45	.5	.3	1.4	.5	.2													18	18	35	46
44/ 43		.5	.3															5	5	17	37
42/ 41	.2	.6	.2															6	6	24	25
40/ 39		.6																4	4	12	21
38/ 37																				7	29
36/ 35																				1	28
34/ 33																					24
32/ 31																					11
30/ 29																					17
28/ 27																					14
26/ 25																					7
24/ 23																					2
22/ 21																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					1
18/ 17																					2
10/ 9																					2
TOTAL	1.4	8.1	11.6	11.6	16.8	15.4	9.2	9.0	8.7	3.1	3.4	1.6	.2						645		644
																		644		644	

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.	2458292	37724	58.6	19.659	644							
Dry Bulb	2909702	42842	66.4	9.974	645			52.1	29.0	5.9		93
Wet Bulb	2173388	36954	57.4	9.070	644			20.2	.3			93
Dew Point	1702830	32132	49.9	12.447	644		8.5	5.9				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89													.2					1	1		
86/ 85										.2	.2							2	2		
84/ 83							.5		.5	.5	.5	.2						9	9		
82/ 81						.2	1.0	1.0	.7	.2	.2	.5						16	16		
80/ 79					.5	1.7	1.5	.2	.5	.7		.2						22	22		
78/ 77				.2	.7	.7	1.7	.2	.2		.7	.7						22	22		
76/ 75			.5	1.5	2.2	.2	1.0	1.7	1.0	.2	.7	.7	.2					41	41		
74/ 73			1.0	.7	1.0	.5	1.2		1.5	.7	1.0							31	31		
72/ 71		.7	.7	.2	.7	.7	.7	.7	1.2	.2								25	25	10	2
70/ 69	.2	.2	1.5	.5	.7	1.5	.5	.2	.7	1.2	.2	.5						33	33	33	8
68/ 67	.5	.7	.7	.7	1.2	1.0	.7	.2		.7								27	27	34	14
66/ 65		1.2	.5	1.0	1.0	.7	.2	.5	1.5	.5								29	29	28	19
64/ 63	.2	.5	.5	.7	.2	.5	1.0	1.7		.2	.2							24	24	34	29
62/ 61	.2	1.2	.5	.5	.7	.5	.7		.7									21	21	25	21
60/ 59	.5	.5		.5	1.5	.5	.2	1.0										19	19	31	26
58/ 57		.7	.2	.2	1.2	.7	1.0	.5	.2									20	20	35	15
56/ 55		.5	.2	.2	1.0	.2	.5		.2									12	12	25	25
54/ 53			.2	1.0		.5	1.0	.2										12	12	25	26
52/ 51			1.0	.5	.2			.2										8	8	20	19
50/ 49				.2	.2	.2												3	3	29	10
48/ 47		.7	.2	.2		.2												6	6	19	12
46/ 45	.2		.2		.2													3	3	16	26
44/ 43	.5	1.0	.7		.2													10	10	12	27
42/ 41		.5	.5															4	4	12	14
40/ 39		.2																1	1	10	19
38/ 37																				2	23
36/ 35																				1	12
34/ 33																					16
32/ 31																					5
30/ 29																					8
28/ 27																					13
26/ 25																					7
22/ 21																					1
20/ 19																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) MAR (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
18/ 17																					1
16/ 15																					1
TOTAL	2.5	9.0	9.5	9.2	14.0	11.0	13.7	8.7	9.2	7	4.0	3.0	.5					401	401	401	401

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temp rature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1454931	22627	56.4	21.105	401							
Dry Bulb	1854707	26971	67.3	10.082	401			53.1	33.4	8.8		93
Wet Bulb	1355838	23050	57.5	8.795	401			17.9				93
Dew Point	1038097	19793	49.4	12.362	401		8.8	5.6				93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 (YEARS) MAR (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				1.8														1	1		
76/ 75			1.8			1.8												2	2		
74/ 73		1.8					1.8											2	2	1	
72/ 71		1.8	3.5							1.8								4	4	3	
70/ 69			5.3	1.8					1.8									5	5		4
68/ 67		1.8			5.3		1.8											5	5	6	
66/ 65		1.8		1.8														2	2	2	6
64/ 63		3.5		1.8			7.0											7	7	1	1
62/ 61		1.8	1.8	1.8	5.3		3.5											8	8	6	4
60/ 59			1.8															1	1	2	
58/ 57							1.8											1	1	2	4
56/ 55				3.5		1.8	1.8											4	4	4	3
54/ 53				3.5	1.8		1.8											4	4	5	1
52/ 51				1.8	1.8													2	2	3	2
50/ 49				5.3														3	3	5	
48/ 47				1.8														1	1	1	2
46/ 45			1.8	3.5		1.8												4	4	7	4
44/ 43			1.8															1	1	4	3
42/ 41																				3	2
40/ 39																				1	7
38/ 37																					3
36/ 35																				1	4
34/ 33																					3
30/ 29																					3
20/ 19																					1
TOTAL		12.3	17.5	28.1	14.0	5.3	19.3		1.8	1.8									57		57
																		57		57	

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.	254487	3677	64.5	17.570	57							
Dry Bulb	219168	3498	61.4	8.965	57			31.0	8.2			93
Wet Bulb	176240	3122	54.8	9.675	57			16.3	1.6			93
Dew Point	143195	2761	48.4	12.995	57		6.5	6.5				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 71-72 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71		3.6	1.8															3	3	2	
70/ 69			5.4															3	3		2
68/ 67		1.8																1	1	4	
66/ 65	1.8		1.8	1.8		1.8												4	4	2	5
64/ 63	3.6	7.1	3.6		3.6	1.8												11	11	6	6
62/ 61		7.1			1.8		1.8											6	6	3	1
60/ 59																				5	2
58/ 57		3.6		1.8														3	3	1	6
56/ 55		1.8																1	1	4	
54/ 53																				3	2
52/ 51			5.4	3.6	1.8			1.8										7	7	1	1
50/ 49				1.8		1.8												2	2	1	3
48/ 47		1.8	3.6	3.6														5	5	5	1
46/ 45			7.1	3.6														6	6	3	3
44/ 43			1.8															1	1	5	3
42/ 41																				3	2
40/ 39					1.8													1	1	5	5
38/ 37			1.8															1	1		4
36/ 35		1.8																1	1	1	3
34/ 33																				1	1
32/ 31																				1	2
28/ 27																					1
26/ 25																					1
22/ 21																					1
20/ 19																					1
TOTAL	5.4	28.6	32.1	16.1	8.9	5.4	1.8	1.8										56	56		56
																		56		56	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	331191	4211	75.2	16.259	56							
Dry Bulb	185725	3181	56.8	9.566	56			11.6				93
Wet Bulb	161987	2955	52.8	10.495	56		1.7	10.0				93
Dew Point	141588	2718	48.5	13.258	56		10.0	3.3				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 72 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
64/ 63					50.0													1	1		
62/ 61					50.0													1	1		
56/ 55																				1	
54/ 53																				1	
50/ 49																					1
46/ 45																					1
TOTAL					.0														2		2
																		2		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.	7333	121	60.5		2							
Dry Bulb	7690	124	62.0		2							90
Wet Bulb	5945	109	54.5		2							90
Dew Point	4616	96	48.0		2							90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
78/ 77				.2	.4														3	3		
76/ 75			1.4	.4															9	9		
74/ 73		1.6	4.7	.4															33	33	2	
72/ 71		5.3	3.9	.6															48	48	26	5
70/ 69	.8	4.1	2.4	.6		.2													40	40	63	45
68/ 67	1.2	3.7	1.6	.4	.4	.2													37	37	40	66
66/ 65	1.6	3.9	1.6	.2	.2	.2													38	38	45	36
64/ 63	1.0	4.9	2.9	.8	.6	.8		.2											55	55	31	40
62/ 61	.6	3.5	.4	1.2	.2	.6													32	32	39	26
60/ 59		3.5	1.2	1.4	.6		.2												34	34	33	38
58/ 57	.4	1.8	1.8	1.6	1.2	.4													36	36	21	27
56/ 55	.4	2.0	2.9	.6	.8														33	33	33	16
54/ 53	.4	2.7	1.0	.8	.2	.2													26	26	29	21
52/ 51	.4	.8	1.2	.2	.2														14	14	41	27
50/ 49	.2	1.2	.6	.2															11	11	22	25
48/ 47		.6	.8	.6															10	10	18	26
46/ 45		.4	.4	.4															6	6	11	18
44/ 43	.2	1.0	.2	.6															10	10	10	20
42/ 41			.2																1	1	5	14
40/ 39		.4	.6	.2															6	6	3	6
38/ 37	.2	.6	.4																6	6	10	9
36/ 35			.2	.2															2	2	4	7
34/ 33																					2	6
32/ 31																					2	3
30/ 29																						3
28/ 27																						2
24/ 23																						2
TOTAL	7.6	42.0	30.6	11.8	4.9	2.7	.2	.2												490		490
																			490		490	

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.	3503077	40991	83.7	12.299	490							
Dry Bulb	1917671	30345	61.9	8.867	490			31.2	8.3			90
Wet Bulb	1748131	28915	59.0	9.251	490		.4	24.1	.4			90
Dew Point	1631505	27791	56.7	10.634	490		1.8	21.3				90

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) APR (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
84/ 83					.2	.3												3	3		
82/ 81				.3	.8	.6	.6	.3		.2								18	18		
80/ 79				1.4	2.6	1.8	.3	.3	.2									43	43		
78/ 77			.5	2.7	2.6	.5	.2	.2			.2							44	44		
76/ 75		.3	1.7	4.7	1.1	1.7	1.4	.9	.3	.5								82	82	4	
74/ 73		.8	2.0	2.7	1.5	1.2	1.7	.9	.6	.2								76	76	27	1
72/ 71		1.4	1.7	1.1	1.2	1.7	.6	.3	.2	.2								54	54	67	17
70/ 69	.2	2.0	2.4	.9	1.5	1.1	1.7	.6	.6									72	72	77	63
68/ 67	.2	1.1	1.7	1.1	.9	.6	1.2	.5	.2									48	48	66	72
66/ 65	.2	1.4	1.7	.5	.9	1.2	1.1	.5										48	48	55	67
64/ 63		1.8	.6	.8	.9	1.2	.5	.3										40	40	57	43
62/ 61	.2	1.7	.6	.9	.5	.3	1.1	.3	.3									38	38	60	52
60/ 59	.2	.8	.5	1.2	.3	.5	.2	.3										25	25	44	43
58/ 57		1.1		.6	.3	.5	.2	.3										19	19	38	33
56/ 55		1.1		.3	.8	.2	.3	.2										18	18	60	33
54/ 53		.2	.3		.2		.6											8	9	24	36
52/ 51				.3	.8	.5												10	10	17	23
50/ 49					.2	.3												3	3	15	33
48/ 47					.2													1	1	11	26
46/ 45				.2	.5													4	4	10	29
44/ 43																				10	13
42/ 41					.2													1	1	6	10
40/ 39																				4	17
38/ 37																				2	9
36/ 35																				1	6
34/ 33																					2
32/ 31																					6
30/ 29																					8
28/ 27																					8
26/ 25																					4
24/ 23																					1
TOTAL	.8	13.4	13.6	19.7	17.9	14.0	11.5	5.8	2.3	.9	.2								656		655
																		655		655	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3174081	44205	67.5	17.078	655
Dry Bulb	3182955	45421	69.2	7.620	656
Wet Bulb	2579919	40773	62.2	7.999	655
Dew Point	2223984	37490	57.2	10.934	655

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			60.4	36.5	4.9		90
Wet Bulb			33.1	4.3			90
Dew Point		3.7	21.0	.1			90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9277-54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 67-76 APR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91											.2							1	1		
90/ 89												.2						1	1		
88/ 87							.3											2	2		
86/ 85						1.1	1.1	.2	.6	.3			.2	.2				23	23		
84/ 83					.6	1.7	1.8	1.1	.6	.2	.6	.2	.2					45	45		
82/ 81				.2	2.1	3.5	2.9	1.8	1.7	.6	.2	.2						86	86		
80/ 79				.5	1.7	3.2	1.5	1.4	3.1	.9	.6							84	84		
78/ 77		.2		.8	1.8	1.8	.9	1.8	1.8	.6	.8							70	70		
76/ 75		.2	1.5	1.4	1.2	1.2	1.2	2.3	1.5	.3	.5							77	77	19	
74/ 73		.2	.6	.9	.8	.5	.8	.9	.6	.9	.3							42	42	48	3
72/ 71	.5	.5	.3	.9	1.4	.5	.8	.9	.5	.5	.2							44	44	76	26
70/ 69		.6	1.4	.3	.9	.6	1.1	1.2	.5	.2								44	44	69	48
68/ 67		.9	.5	.3	.9	.8	.5		.6	.2								30	30	60	50
66/ 65		.6	.5	.9	.5	.2	.5	.5	.2	.2	.2							26	26	62	74
64/ 63	.2	1.2	.3	.3	.6	.5	.3	.6	.3	.3	.3							32	32	66	53
62/ 61	.2	.6	.2		.2	.2	.2	.3	.3									13	13	68	38
60/ 59		.2		.2		.3		.3										6	6	48	35
58/ 57		1.1						.3										9	9	44	49
56/ 55		.2	.5			.2	.3	.5										10	10	25	44
54/ 53		.3			.2	.3												5	5	19	29
52/ 51						.2	.2											2	2	14	40
50/ 49																				10	31
48/ 47																				3	27
46/ 45																				9	19
44/ 43																				8	17
42/ 41																			1	4	13
40/ 39																					9
38/ 37																					15
36/ 35																					5
34/ 33																					4
32/ 31																					6
30/ 29																					5
28/ 27																					2
26/ 25																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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
20/ 19																					1
18/ 17																					1
TOTAL	.8	6.6	5.7	6.6	12.9	16.6	14.3	14.1	12.3	5.5	3.7	.6	.3	.2					653		652
																		652		652	

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.	2311068	37004	56.8	18.000	652							
Dry Bulb	3668194	48694	74.6	7.543	653			75.7	59.4	26.9		90
Wet Bulb	2708698	41756	64.0	7.282	652			37.5	9.2			90
Dew Point	2191840	37138	57.0	10.837	652		3.2	17.5	.4			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87							.5		.5									4	4		
86/ 85						.5	1.8	.8	.3	.3	.5	.5		.3				19	19		
84/ 83					.3	1.6	2.6	1.8	1.0	1.0	.5		.3	.5				37	37		
82/ 81				.3	1.0	2.1	3.9	2.3	2.3	1.8	.3							54	54		
80/ 79		.3		.8	.3	2.8	2.8	1.3	2.8	.8	1.0	.8						53	53		
78/ 77			.3		1.8	1.6	.3	.8	1.6	1.3	.5	.3						32	32	1	1
76/ 75			1.6	1.8	1.3	.5	.5	2.1	1.3	.8	.8	.3						42	42	12	
74/ 73			.3	1.0	.8	1.6	1.3	.5		.5	1.0							27	27	24	3
72/ 71		.8	.3	.5	.3	1.0	.5	.5	.3	1.0	.3							21	21	33	7
70/ 69	.3	1.0	.5	.5	1.0	.8	1.3			.3		.3						23	23	47	24
68/ 67		.5	1.6	.3	.3	.5	.3			.5	.3							16	16	45	28
66/ 65	.3	.3	.3	.8	1.3		.3	.3	.3	.5								16	16	39	39
64/ 63		.3	.3	.3		.3	.3	.5	.8	.5	.3							13	13	40	39
62/ 61	.3	1.6		.3	.3		.8		.3									13	13	32	30
60/ 59		.3		.3				.8										5	5	35	20
58/ 57		.3				.3	.3											3	3	23	23
56/ 55			.3	.3			.3		.5									5	5	10	20
54/ 53		.5																2	2	9	23
52/ 51						.3												1	1	9	28
50/ 49																				11	20
48/ 47																				6	12
46/ 45																				6	8
44/ 43																				1	4
42/ 41																				1	9
40/ 39																				2	10
38/ 37																					8
36/ 35																					9
34/ 33																					2
32/ 31																					5
30/ 29																					5
28/ 27																					5
24/ 23																					1
20/ 19																					2
18/ 17																					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	≥ al
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.8	5.1	5.2	7.0	8.5	13.7	17.6	11.7	11.9	9.3	5.4	2.1	.3	.8				386	386	386	386

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.	1264655	20879	54.1	18.746	386							
Dry Bulb	2210472	29066	75.3	7.523	386			76.5	42.5	29.8		90
Wet Bulb	1593615	24639	63.8	7.362	386			37.8	8.6			90
Dew Point	1261073	21623	56.0	11.372	386		4.4	14.7	.9			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 71-72 YEARS | APR 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
82/ 81				2.2	2.2				2.2									3	3		
80/ 79				4.3		4.3												4	4		
78/ 77			2.2	2.2														2	2		
76/ 75		2.2	6.5	2.2			2.2											6	6	2	
74/ 73		6.5	2.2	4.3			2.2											7	7	4	1
72/ 71		2.2	4.3		4.3	4.3		2.2										8	8	8	5
70/ 69	2.2			2.2		2.2												3	3	7	9
68/ 67			2.2		2.2													2	2	3	3
66/ 65		2.2	2.2															2	2	2	4
64/ 63	2.2	2.2	2.2	2.2	2.2													5	5	6	4
62/ 61																				6	2
60/ 59				2.2														1	1	2	5
58/ 57				2.2														1	1	2	2
56/ 55																					3
54/ 53			2.2															1	1	1	
52/ 51																				1	3
50/ 49																				1	2
48/ 47				2.2														1	1		
46/ 45																					2
44/ 43																				1	
38/ 37																					1
TOTAL	4.3	15.2	23.9	26.1	10.9	10.9	4.3	2.2	2.										46		46
																		46		46	

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.	268203	3453	75.1	14.144	46							
Dry Bulb	234192	3266	71.0	7.159	46			68.5	43.0	5.9		90
Wet Bulb	200439	3019	65.6	7.150	46			47.0	11.7			90
Dew Point	181781	2865	62.3	8.617	46			35.2	2.0			90

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AFETAC

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 (YEARS) APR (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
74/ 73		6.3		3.1														3	3		
72/ 71			9.4															3	3	2	
70/ 69	12.5																	4	4	6	6
68/ 67																				2	2
66/ 65			12.5	3.1														5	5		2
64/ 63	6.3	3.1		9.4	6.3													8	8	6	2
62/ 61		9.4		3.1	6.3													6	6	1	5
60/ 59	3.1																	1	1	3	1
58/ 57																				2	3
56/ 55				3.1														1	1	3	3
54/ 53																				2	1
52/ 51					3.1													1	1		1
50/ 49																				1	2
46/ 45																				1	3
36/ 35																					1
TOTAL	21.9	18.8	21.9	21.9	15.6														32		32
																		32		32	

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.	219526	2612	81.6	14.280	32							
Dry Bulb	136969	2087	65.2	5.259	32			28.1	8.4			90
Wet Bulb	123648	1978	61.8	6.679	32			28.1				90
Dew Point	114542	1894	59.2	8.873	32			22.5				90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 74 76 (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
74/ 73			50.0															1	1		
70/ 69																				1	
68/ 67																					1
66/ 65		50.0																1	1		
64/ 63																				1	1
TOTAL		50.0	50.0																2		2
																		2		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.	15705	177	88.5		2							
Dry Bulb	9554	138	69.0		2			46.5	46.5			93
Wet Bulb	8996	134	67.0		2			46.5				93
Dew Point	8593	131	65.5		2			46.5				93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 67-76 MAY
STATION STATION NAME YEARS 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
82/ 81			.2			.2	.3											4	4		
80/ 79			.3	.3	.3	.2												7	7		
78/ 77		.2	1.6	1.1	.6	.2	.3											25	25	1	1
76/ 75	.2	3.0	2.8	1.4	.8	.3												54	54	8	4
74/ 73	.2	3.3	2.8	2.2	.8	.3	.3	.2										64	64	38	17
72/ 71	.3	4.2	4.5	1.1	.9	.3	.3											75	75	54	49
70/ 69	1.4	4.2	4.2	1.1	.9	.5												79	79	84	57
68/ 67	1.7	5.0	1.9	.9	.9	.3		.3										71	71	90	73
66/ 65	1.1	5.2	.6	1.3	.5	.8												60	60	80	85
64/ 63	1.7	5.2	1.4	2.0	.6	.5												73	73	59	84
62/ 61	.2	3.1	.8	1.1	.2	.5												37	37	53	56
60/ 59	.5	1.6	1.1	.6	.2													25	25	49	27
58/ 57	.3	1.7	1.1	.9	.3													28	28	32	45
56/ 55		1.7	.5	.3														16	16	32	36
54/ 53		1.3	.8	.2														14	14	26	28
52/ 51	.2	.3																3	3	20	24
50/ 49	.2	.2																2	2	11	18
48/ 47		.3																2	2	1	19
46/ 45		.2																1	1	1	8
44/ 43																				1	8
40/ 39																					1
TOTAL	7.8	40.5	24.5	14.5	7.0	3.9	1.3	.5											640		640
																		640		640	

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.	4599730	53686	83.9	12.277	640							
Dry Bulb	2945270	43222	67.5	6.415	640			55.1	22.4	.7		93
Wet Bulb	2667056	41116	64.2	6.331	640			40.0	6.8			93
Dew Point	2512661	39829	62.2	7.293	640			29.2	3.2			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91										.2								1	1		
90/ 89							.2		.5				.2					5	5		
88/ 87							.5	.2	.5	.2	.2							9	9		
86/ 85					.2	1.6	.8	.6	.6									24	24		
84/ 83				.3	.8	2.8	2.2	.8	.8	.3								51	51		
82/ 81				.9	2.7	2.8	4.1	1.6	.5	.5	.3	.2					~~.2~~	87	87		
80/ 79			.5	2.7	3.3	3.0	1.4	.8	.6	.3								80	80		
78/ 77			.8	2.7	4.1	2.4	1.9	1.4	.9		.2							91	91	5	
76/ 75		.6	.9	2.7	1.1	2.4	.9	1.1	.6	.2								67	67	34	3
74/ 73		.6	1.1	1.6	1.9	2.2	.9	.6	.5	.3	.2							63	63	83	17
72/ 71		.9	1.7	1.1	.5	.8	.8	.3	.9		.2							46	46	97	50
70/ 69		.3	1.4		.6	.9	1.1	1.3	.3									38	38	93	69
68/ 67	.2	.5	.5	.2	.5	.5	.5	.2										18	18	85	79
66/ 65	.2	1.7	.8	.3	.5	.5	.2											26	26	65	75
64/ 63	.5	.6	.3	.5	.2	.5												16	16	47	90
62/ 61		.5	.5		.5	.2												10	10	42	46
60/ 59		.2			.3													3	3	23	42
58/ 57	.2		.2															2	2	36	28
56/ 55																				11	31
54/ 53																				13	21
52/ 51																				2	22
50/ 49																				1	12
48/ 47																					19
46/ 45																					20
44/ 43																					4
42/ 41																					5
38/ 37																					2
36/ 35																					1
~~18/ 17~~																					~~1~~
TOTAL	.9	6.0	8.6	12.9	17.0	20.4	15.4	8.8	6.8	1.9	.9	.2	.2				~~.2~~		637		637
																		637		637	

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.	2718390	40476	63.5	15.176	637							
Dry Bulb	3730135	48589	76.3	6.126	637			84.7	69.8	30.7		93
Wet Bulb	2912762	42926	67.4	5.618	637			58.0	17.6			93
Dew Point	2507088	39648	62.2	7.863	637		.1	31.8	2.9			93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 67-76 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.2									1	1		
92/ 91										.2	.2		.3					4	4		
90/ 89							.5	.9	1.1	1.2	.9	.3	.2					33	33		
88/ 87						.5	1.6	3.7	2.8	1.9	.6	.2			.2			73	73		
86/ 85					.5	3.0	3.9	4.2	2.2	1.6	.3	.2						101	101		
84/ 83					.2	2.0	2.6	2.6	2.2	1.6	1.1	.2	.2					81	82		
82/ 81				.3	1.2	2.5	2.3	2.6	2.3	1.4	.2	.3						85	85		
80/ 79				.3	1.2	1.6	1.4	1.2	1.4	.4	.3							57	57		
78/ 77		.2	.2	.9	1.4	.6	1.7	.3	.6	.8	.2		.3					46	46	15	
76/ 75		.3	.2	1.4	.9	.5	1.4	1.2	1.4	1.2		.2						56	56	42	1
74/ 73		1.1		1.4	.2	.3	.2	.6	.3	.2								27	27	103	16
72/ 71	.3	.6	.6	.8		.5	.3	.6	.2	.2	.2							27	27	115	46
70/ 69	.2	.5	.6		.2		.2	.2										11	11	91	55
68/ 67	.2	.9	1.2	.3		.2	.3											20	20	76	79
66/ 65	.2	.6	.3			.2												8	8	64	88
64/ 63		.6	.3	.2														7	7	45	71
62/ 61																				38	70
60/ 59																				27	39
58/ 57		.2																1	1	15	41
56/ 55		.5																3	3	7	33
54/ 53		.3																2	2	5	22
52/ 51																					18
50/ 49																					22
48/ 47																					16
46/ 45																					15
44/ 43																					2
42/ 41																					4
38/ 37																					2
36/ 35																					2
34/ 33																					1
TOTAL	.8	5.8	3.4	5.6	5.8	11.7	16.3	18.4	14.6	11.5	3.9	1.2	.9		.2			643	644	643	643

Element (X)	Σx^1	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2135151	35557	55.3	16.220	643							
Dry Bulb	4207402	51880	80.6	6.593	644			90.0	81.6	57.8	.1	93
Wet Bulb	3042325	44105	68.6	5.154	643			63.9	23.1			93
Dew Point	2506051	39853	62.0	7.485	643			28.5	2.5			93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | MAY 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
90/ 89							.8	.8	2.0	1.6	.4	1.2	.4					18	18		
88/ 87						.4	2.0	4.7	4.3	3.1	1.2	.8		.4				43	43		
86/ 85					.4		2.0	2.7	2.7	.8	1.2	.4	.4					27	27		
84/ 83					.8	1.2	.8	3.1	2.3	1.6	.4							26	26		
82/ 81					1.6	2.0	2.0	2.0	2.7	1.2	.8							31	31		
80/ 79			.4		.4	2.3	2.7	2.3	.8		1.6		.4					28	28		
78/ 77				1.2	.8	1.6	.4	.4	1.6		.4							16	16	7	
76/ 75	.4	.4	1.2	1.6	1.6	1.2	1.6	1.2	1.6	.8								29	29	15	2
74/ 73		1.2		1.6				1.2										10	10	31	5
72/ 71			.4					.8										3	3	44	15
70/ 69	.4	.8	.4	.8	.4		.4											8	8	40	16
68/ 67	.4	1.6	.4	.4														7	7	42	25
66/ 65		.8	.4															3	3	23	36
64/ 63	.4	1.6																5	5	26	38
62/ 61																				10	30
60/ 59																				11	18
58/ 57																				4	19
56/ 55		.4																1	1	1	14
54/ 53		.4																1	1	2	10
52/ 51																					4
50/ 49																					9
48/ 47																					6
46/ 45																					3
44/ 43																					2
42/ 41																					1
38/ 37																					1
TOTAL	1.6	7.0	3.1	5.5	5.9	8.6	12.5	19.1	18.0	9.0	5.9	2.3	1.2	.4				256	256		256
																				256	

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.	850876	14090	55.0	17.193	256							
Dry Bulb	1676560	20644	80.6	6.807	256			89.4	82.8	57.4		93
Wet Bulb	1207189	17537	68.5	4.784	256			65.0	19.3			93
Dew Point	989000	15812	61.8	6.963	256			22.9	2.5			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (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
86/ 85									1.2									1	1		
82/ 81					1.2	1.2	2.4	2.4	1.2	1.2								8	8		
80/ 79						2.4												2	2		
78/ 77					2.4	2.4	3.7	1.2										8	8		
76/ 75		1.2	1.2	2.4	6.1	3.7			2.4									14	14		
74/ 73		1.2	1.2	4.9		2.4		2.4	1.2									11	11	2	
72/ 71				2.4	2.4		1.2	1.2										6	6	5	2
70/ 69			7.3	3.7				1.2										10	10	10	2
68/ 67		1.2	3.7	1.2	1.2													6	6	14	2
66/ 65	2.4	1.2		2.4		1.2	1.2											7	7	18	11
64/ 63	1.2	1.2	2.4	1.2														5	5	11	20
62/ 61			1.2															1	1	7	13
60/ 59			1.2	1.2														2	2	7	7
58/ 57		1.2																1	1	3	4
56/ 55																				5	6
54/ 53																					4
52/ 51																					3
50/ 49																					3
48/ 47																					3
46/ 45																					2
TOTAL	3.7	7.3	18.3	19.5	13.4	13.4	8.5	8.5	6.1	1.2								82	82		82
																				82	

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.	395079	5547	67.6	15.652	82							
Dry Bulb	430683	5923	72.2	5.936	82			74.9	49.9	10.2		93
Wet Bulb	346323	5317	64.8	4.390	82			35.2	2.3			93
Dew Point	300279	4939	60.2	5.874	82			6.8				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 (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
78/ 77			4.3															1	1		
74/ 73		8.7	8.7	4.3														5	5	1	1
72/ 71																				2	1
70/ 69			17.4		4.3													5	5	2	2
68/ 67			4.3															1	1	1	1
66/ 65	4.3	4.3																2	2	6	1
64/ 63		13.0	17.4	4.3														8	8	2	7
62/ 61			4.3															1	1	4	3
60/ 59																				3	1
58/ 57																				2	4
56/ 55																					2
TOTAL	4.3	26.1	56.5	8.7	4.3														23		23
																		23		23	

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.	161566	1918	83.4	8.585	23							
Dry Bulb	106518	1562	67.9	4.461	23			48.5	24.3			93
Wet Bulb	96603	1487	64.7	4.599	23			24.3	4.0			93
Dew Point	91008	1442	62.7	5.226	23			20.2	4.0			93

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

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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
86/ 85				.3	.6	.3	.2											9	9		
84/ 83			.5	.8	.8	.2												14	14		
82/ 81			2.2	5.4	1.4	.2												58	58	1	
80/ 79		.5	5.4	4.3	1.1	.3	.2												74	5	1
78/ 77		3.5	5.6	1.9	1.0	.3													77	34	7
76/ 75	.8	10.0	3.0	1.6	1.3	.8												11	110	117	73
74/ 73	1.1	7.3	1.9	1.1	.2	.3												75	75	140	130
72/ 71	1.6	6.4	1.4	.6		.3												65	65	102	121
70/ 69	1.1	4.0	1.3	1.0	1.0													52	52	65	85
68/ 67	.3	2.1	1.0	.5	.2													25	25	49	48
66/ 65	.6	2.5	.8	.6	.3													31	31	33	46
64/ 63	.3	1.0	.5	.2														12	12	34	34
62/ 61		2.4	.2	.3														18	18	17	22
60/ 59			.3															2	2	20	32
58/ 57		.3																2	2	5	12
56/ 55		.5																3	3	3	8
54/ 53		.2																1	1	3	7
52/ 51																					2
TOTAL	5.9	40.6	24.0	18.6	7.8	2.7	.3											628	628	628	628

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.	4633703	53579	85.3	9.985	628							
Dry Bulb	3477611	46599	74.2	5.628	628			80.1	59.8	14.2		90
Wet Bulb	3174615	44541	70.9	4.978	628			73.5	42.5	.3		90
Dew Point	3039223	43559	69.4	5.344	628			66.6	30.2	.1		90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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
94/ 93							.3	.2	.2	.3								6	6		
92/ 91						.2	.8	.5	.5	.2								13	13		
90/ 89					.2	1.1	2.0	3.0	.3			.2	.2					44	44		
88/ 87				.2	.5	3.8	6.4	2.3	.3	.2	.2							88	88		
86/ 85				.2	2.0	7.8	3.1	.9	.3		.2							93	93		
84/ 83				1.9	7.0	4.8	1.7	1.3	.8	.2								113	113		
82/ 81			.3	5.2	6.1	2.2	2.3	1.3	.9	.3								119	119	9	
80/ 79		.2	.9	1.9	.5	1.3	1.6	.3	.6									46	47	19	1
78/ 77	.3	.6	1.1	.8	.8	.5	.3	.3	.6									34	35	104	17
76/ 75		1.4	.8	.3	.3	.6	.6	.6	.3									32	32	210	38
74/ 73	.3	.9	.2	.2	.6	.2	.5	.2										19	19	110	122
72/ 71	.5	.2	.3	.5	.6	.2	.2											15	15	51	165
70/ 69	.2	.5	.2	.3	.2	.2												9	9	40	107
68/ 67						.2												1	1	40	32
66/ 65		.5	.2															4	4	19	36
64/ 63		.3																2	2	20	28
62/ 61		.3																2	2	14	31
60/ 59																				4	23
58/ 57																					12
56/ 55																					12
54/ 53																					7
52/ 51																					7
50/ 49																					2
TOTAL	1.3	4.8	3.9	11.3	18.8	22.8	19.8	10.8	4.8	1.1	.3	.2	.2					640	642	640	640

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2786524	41502	64.8	12.209	640							
Dry Bulb	4400504	53042	82.5	5.325	642			38.9	15.4	69.7	.8	90
Wet Bulb	3461427	46985	73.4	4.346	640			82.0	63.6	2.7		90
Dew Point	3081669	44267	69.2	5.573	640			67.8	25.0			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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
98/ 97								.2	.3		.3		.2					6	6		
96/ 95								.3	.3	.3	.3	.8						16	16		
94/ 93							.2	1.6	1.6	2.3	.9	.2						43	43		
92/ 91							1.2	4.4	5.4	3.0	.2	.2	.2					93	93		
90/ 89						.3	4.2	10.0	3.6	1.2		.5	.2					128	128		
88/ 87					.3	1.4	4.2	4.8	2.6	.5	.2	.5						93	93		
86/ 85					1.1	3.0	1.4	1.9	1.7	1.4	.8							72	72		
84/ 83				.6	1.6	.9	1.2	.9	1.4	.2	.5							47	47	3	
82/ 81			.3	1.7	1.1	.3	.6	.5	.9	.8								40	40	11	
80/ 79		.2	.3	1.1	.3	.3	.6	.3	.6									24	24	31	
78/ 77			.9	.3	.5		.5	1.2	.5									25	25	130	10
76/ 75		1.1	.6	.5	.5		.6	.2										22	22	176	31
74/ 73	.5	1.4	.3	.2				.2										16	16	106	85
72/ 71	.5	.6																7	7	66	136
70/ 69	.2	.5	.3															6	6	38	123
68/ 67																				33	69
66/ 65	.3																	2	2	25	51
64/ 63		.3																	2	17	42
62/ 61		.2																	1	6	20
60/ 59																				1	24
58/ 57																					17
56/ 55																					11
54/ 53																					18
52/ 51																					5
50/ 49																					1
TOTAL	1.4	4.2	2.8	1.4	5.3	6.2	14.8	26.7	19.0	9.6	3.1	2.0	.5					643	643		643
																		643		643	

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.	2165348	36216	56.3	13.984	643			89.3	87.5	77.0	9.1	90
Dry Bulb	4816094	55512	86.3	6.061	643			82.1	64.0	2.9		90
Wet Bulb	3520024	47500	73.9	4.155	643			63.5	17.6			90
Dew Point	3013371	43871	68.2	5.597	643							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | JUN 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
98/ 97										1.1		.7	.7					7	7		
96/ 95									1.9	.7	1.1	.4						11	11		
94/ 93							.7	1.9	1.1	1.5	1.9							19	19		
92/ 91						.4	1.1	4.1	6.3	2.2			.4					39	39		
90/ 89						.4	1.9	6.7	2.6	2.6	.4	1.1	.7					44	44		
88/ 87						1.1	4.1	3.7	1.9		.7							31	31		
86/ 85					1.5	1.9	.7	1.9	2.2	1.1	.7	.4						28	28		
84/ 83			.4	.4	2.6	1.9	1.1	.4	2.6	.7	.7							29	29		
82/ 81				1.1	1.1		.7	.4	1.1									12	12	5	
80/ 79			.4	1.1	.7	.4	1.1	.4	1.1									14	14	19	
78/ 77			1.5	.7	.7			.7	.7									12	12	39	2
76/ 75		1.5	.4	.7	.4		.4											9	9	74	14
74/ 73	1.1	.4																4	4	44	45
72/ 71	.4	.7	.4															4	4	20	34
70/ 69	.7	.4																3	3	20	55
68/ 67																				21	25
66/ 65	.4																	1	1	13	26
64/ 63		.4																1	1	4	22
62/ 61																				2	6
60/ 59																					12
58/ 57																					5
56/ 55																					16
54/ 53																					2
52/ 51																					4
TOTAL	2.6	3.4	3.0	4.1	7.1	6.0	11.9	20.1	21.6	10.1	5.6	2.6	1.9					268	268	268	268

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.	897354	14942	55.8	15.516	268							
Dry Bulb	2010462	23150	86.4	6.346	268			89.3	87.0	76.2	12.4	90
Wet Bulb	1457519	19733	73.6	4.136	268			83.6	61.1	4.0		90
Dew Point	1240146	18164	67.8	5.825	268			58.8	20.5			90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (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
92/ 91								1.3										1	1		
90/ 89							2.5		1.3									3	3		
88/ 87							7.5											6	6		
86/ 85					1.3	3.8				1.3								5	5		
84/ 83					7.5	1.3			1.3									8	8		
82/ 81				7.5	3.8	2.5	3.8	2.5										16	16		
80/ 79			2.5	5.0	5.0	2.5			2.5									14	14		
78/ 77				2.5		2.5												4	4	10	
76/ 75	1.3	2.5	1.3	2.5	2.5	1.3												9	9	2	1
74/ 73		1.3	1.3	2.5		1.3												5	5	10	18
72/ 71	1.3		2.5	1.3														4	4	11	16
70/ 69	2.5		1.3	2.5														5	5	11	11
68/ 67																				11	7
66/ 65																				4	12
64/ 63																				3	5
62/ 61																					3
60/ 59																					4
58/ 57																					1
56/ 55																					1
54/ 53																					1
TOTAL	5.0	3.8	8.8	23.8	20.0	15.0	13.8	3.8	5.0	1.3								80	80	80	80

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.	393050	5540	69.3	13.503	80							
Dry Bulb	511947	6385	79.8	5.447	80			90.0	79.9	47.3		90
Wet Bulb	417046	5768	72.1	3.854	80			82.1	45.0			90
Dew Point	375930	5470	68.4	4.928	80			59.6	21.4			90

USAFETAC FORM 0-26 3 (OI A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 71-72 JUN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83					7.7													1	1		
82/ 81			7.7	7.7														2	2		
80/ 79			7.7			7.7												2	2		
78/ 77			7.7															1	1	1	1
76/ 75		7.7	15.4															3	3	3	1
74/ 73				7.7														1	1	2	2
72/ 71	23.1																	3	3	5	5
70/ 69																				1	2
68/ 67																				1	
66/ 65																					1
64/ 63																					1
TOTAL	23.1	7.7	38.5	15.4	7.7	7.7													13		13
																		13		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.	93808	1094	84.2	12.054	13							
Dry Bulb	76508	996	76.6	4.073	13			90.0	69.2	20.5		90
Wet Bulb	69375	949	73.0	2.858	13			90.0	41.5			90
Dew Point	66257	927	71.3	3.591	13			76.2	27.7			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71 75 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULD TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75		33.3																1	1		
74/ 73		33.3																1	1	2	2
72/ 71	33.3																	1	1	1	1
TOTAL	33.3	66.7																	3		3
																		3		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	≥ 90 F	Total
Rel. Hum.	27865	289	96.3		3			93.0	62.0			93
Dry Bulb	16142	220	73.3		3			93.0	62.0			93
Wet Bulb	15846	218	72.7		3			93.0	62.0			93
Dew Point	15699	217	72.3		3			93.0	62.0			93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JUL (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
90/ 89							.2												1	1		
88/ 87					.2														1	1		
86/ 85					1.1	.2													8	8		
84/ 83				1.6	1.1	.2													18	18		
82/ 81			3.9	6.1	.8	.2													68	68		
80/ 79		.6	7.6	4.5	.3	.2													82	82	3	
78/ 77		5.6	7.6	.8	.2		.2												89	89	63	5
76/ 75	.8	10.3	3.2	1.0	.2														100	100	152	98
74/ 73	2.6	11.6	2.9	.2	.3	.3													111	111	158	202
72/ 71	4.0	6.6	1.0	.3	.3														76	76	125	148
70/ 69	2.9	2.3	.5	.2	.3														38	38	67	92
68/ 67	.3	1.8	.5																16	16	22	31
66/ 65	.2	1.6		.2															12	12	17	18
64/ 63			.2	.2															2	2	10	15
62/ 61																					3	4
60/ 59																					2	4
58/ 57																						3
56/ 55																						2
TOTAL	10.8	41.0	27.2	15.0	4.8	1.0	.3												622	622		622
																					622	

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	≥ 90 F	≥ 93 F	Total
Rel. Hum.	4834775	54567	87.7	8.765	622							
Dry Bulb	3577025	47093	75.7	4.305	622			90.9	71.5	19.4		93
Wet Bulb	3311929	45343	72.9	3.231	622			88.2	56.2	.1		93
Dew Point	3206052	44608	71.7	3.333	622			86.1	46.6			93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95									.2									1	1		
94/ 93							.5	.3	.2	.2								7	7		
92/ 91						.5	.5	1.3	.8	.3								21	22		
90/ 89						2.2	3.6	2.9	.6	.2								60	60		
88/ 87					1.0	6.7	6.7	1.7	.6									105	105		
86/ 85					8.2	12.0	1.7	.3	.3									143	144		
84/ 83				4.8	7.6	3.0	.8	.5	.2									106	106		
82/ 81		.2	1.9	8.1	2.9	1.1	.2	.5										93	93	7	
80/ 79		.3	1.9	2.4	.5	.3	.3	.2										37	37	39	1
78/ 77		.2	1.4	.6	.6	.5	.3											23	23	227	19
76/ 75		.8		.3		.2												9	9	216	115
74/ 73		1.0	.3	.2														9	9	74	190
72/ 71	.2	.6	.2	.2														7	7	29	170
70/ 69	.2	.2	.6															6	6	16	61
68/ 67	.3	.2	.2															4	4	18	35
66/ 65																				5	17
64/ 63																					8
62/ 61																					11
60/ 59																					3
58/ 57																					1
TOTAL	.6	3.3	6.5	16.6	20.8	26.5	14.6	7.6	2.9	.6								631	633		631
																				631	

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.	2969461	42787	67.8	10.401	631							
Dry Bulb	4502119	53309	84.2	4.470	633			93.0	90.5	81.2	1.2	93
Wet Bulb	3617043	47743	75.7	2.729	631			92.3	83.0	3.5		93
Dew Point	3288606	45508	72.1	3.224	631			87.1	47.9	.1		93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JUL (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
100/ 99									.2	.2								2	2		
98/ 97								.2	.6	.8								10	10		
96/ 95								1.3	.6	1.4	1.3	.2	.3					32	32		
94/ 93							.5	1.3	3.8	2.6	1.3	.2						60	60		
92/ 91							3.2	6.4	6.2	1.9	.2							112	112		
90/ 89						1.1	9.3	8.5	1.6		.2							129	129		
88/ 87					.2	6.4	5.8	1.9	.8	.3								96	96		
86/ 85				.2	1.6	2.4	1.6	.8	.2	.2								43	43		
84/ 83			.2	.6	1.1	1.3	.8	.8	.3	.2								33	33	5	
82/ 81		.2	.5	2.2	1.0	.5		.2	.3									30	30	22	
80/ 79		.3	1.6	1.3	.5	.5		.3										28	28	65	1
78/ 77		.8	1.3	.8	.3													20	20	241	19
76/ 75		1.1	.2	.3	.2													11	11	164	82
74/ 73		.6		.5														7	7	64	151
72/ 71	.5	.8		.2														9	9	34	159
70/ 69																				14	102
68/ 67	.3																	2	2	11	54
66/ 65																				4	22
64/ 63																					18
62/ 61																					4
60/ 59																					9
58/ 57																					2
56/ 55																					1
TOTAL	.8	3.8	3.7	6.1	4.8	12.2	21.2	21.6	14.7	7.5	2.9	.3	.3						624		624
																		624		624	

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.	2302961	37051	59.4	12.858	624							
Dry Bulb	4835476	54822	87.9	5.529	624			93.0	91.4	83.2	15.5	93
Wet Bulb	3626548	47538	76.2	2.826	624			92.4	83.6	7.2		93
Dew Point	3184852	44524	71.4	3.572	624			84.7	37.7			93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC
9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
102/101										.4								1	1		
100/ 99									.4	.4								2	2		
98/ 97								.4	1.1	.4	.8	1.1	.4					11	11		
96/ 95								.4	.4	1.5	2.7	.8						15	15		
94/ 93								2.3	3.1	3.8	.4	.8						27	27		
92/ 91							1.5	8.4	5.3	.4								41	41		
90/ 89						1.1	5.3	7.6	1.5									41	41		
88/ 87						2.3	4.6	.4	.8									21	21		
86/ 85					.4	2.3	1.9	1.9			.4							18	18		
84/ 83				.4	1.9	.8		.8	.4									11	11	5	
82/ 81			.8	2.3	4.6	1.1												23	23	4	
80/ 79		.4	1.5	2.3	.8			.4										14	14	25	
78/ 77		1.1	1.9	1.5														12	12	77	8
76/ 75		2.7	1.1	.4	.4													12	12	83	24
74/ 73	.4	1.5	.4															6	7	34	61
72/ 71	.4	.8																3	3	24	67
70/ 69	.4	.4	.8															4	4	4	59
68/ 67																				5	18
66/ 65																				1	13
64/ 63																					7
62/ 61																					1
60/ 59																					2
58/ 57																					1
56/ 55																					1
TOTAL	1.1	6.9	6.5	6.9	8.0	7.6	13.4	22.5	13.0	6.9	4.2	2.7	.4					262	263	262	262

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.	1036569	15971	61.0	15.537	262							
Dry Bulb	2003286	22882	87.0	6.898	263			93.0	90.5	76.4	19.8	93
Wet Bulb	1506376	19852	75.8	2.884	262			92.6	80.9	5.7		93
Dew Point	1327128	18626	71.1	3.377	262			84.1	33.0			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 71-72 76 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
92/ 91							1.2											1	1		
90/ 89							4.8	2.4	1.2									7	7		
88/ 87					1.2	1.2	2.4											4	4		
86/ 85					3.6	1.2		1.2										5	5		
84/ 83			1.2		8.4	2.4												10	10		
82/ 81			2.4	3.6	7.2	1.2												12	12		
80/ 79			4.8	8.4														11	11	4	
78/ 77			8.4	3.6		1.2												11	11	14	3
76/ 75		4.8	6.0	1.2	1.2													11	11	20	6
74/ 73		6.0	6.0															10	10	26	19
72/ 71	1.2																	1	1	14	33
70/ 69																				3	13
68/ 67																				2	7
64/ 63																					2
TOTAL	1.2	10.8	28.9	16.9	21.7	7.2	8.4	3.6	1.2									83	83	83	83

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.	483708	6270	75.5	11.075	83							
Dry Bulb	538402	6672	80.4	5.024	83			93.0	91.9	49.3		93
Wet Bulb	458934	6168	74.3	2.636	83			93.0	71.7	3.4		93
Dew Point	427088	5950	71.7	2.594	83			90.8	31.4			93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 71-72 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
82/ 81				8.3														1	1		
80/ 79			25.0															3	3		
78/ 77		8.3	8.3	8.3														3	3	1	1
76/ 75		8.3																1	1	4	1
74/ 73		25.0																3	4	3	4
72/ 71																				3	3
70/ 69			8.3															1	1		2
66/ 65																				1	
64/ 63																					1
TOTAL		41.7	41.7	16.7															13		12
																		12		12	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	88478	1026	85.5	8.285	12							
Dry Bulb	76140	994	76.5	3.382	13			93.0	85.8	21.5		93
Wet Bulb	64928	882	73.5	3.030	12			85.2	62.0			93
Dew Point	62346	864	72.0	3.542	12			85.2	46.5			93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03933 STATION | FORT POLK AAF LOUISIANA STATION NAME | 71 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
72/ 71		33.3	33.3															2	2		
70/ 69	33.3																	1	1	3	1
68/ 67																					2
TOTAL	33.3	33.3	33.3																3		3
																		3		3	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	25669	277	92.3		3							
Dry Bulb	15125	213	71.0		3			93.0				93
Wet Bulb	14422	208	69.3		3			93.0				93
Dew Point	14148	206	68.7		3			93.0				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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
86/ 85					.2	.2												2	2		
84/ 83			.2	.3	.3													8	8		
82/ 81			2.3	3.9	.5													44	44		
80/ 79		.2	4.8	4.2	.9	.2												68	68	1	
78/ 77	.2	3.9	5.3	2.0														75	75	33	5
76/ 75	2.1	9.2	4.4	.6	.5	.5	.2											115	115	122	72
74/ 73	2.9	11.5	2.3	1.4	.6													123	123	145	148
72/ 71	3.2	10.9	1.5	.6	.2	.2												109	110	155	168
70/ 69	3.9	4.2	1.7	.3	.3													69	70	103	134
68/ 67	.6	1.7	1.2	.8														28	28	36	49
66/ 65	.2	.6	1.1															12	12	32	20
64/ 63	.3	.5																5	5	22	30
62/ 61		.2																1	1	9	14
60/ 59		.2																1	1	2	15
58/ 57																					4
56/ 55																					1
TOTAL	13.3	43.0	24.7	14.1	3.8	.9	.2											660	662	660	660

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.	5214321	58365	88.4	8.968	660							
Dry Bulb	3668522	49204	74.3	4.148	662			90.3	51.1	11.7		93
Wet Bulb	3405472	47352	71.7	3.523	660			83.8	42.4			93
Dew Point	3299124	46594	70.6	3.842	660			81.2	31.7			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93								.1	.1									2	2		
92/ 91						.1	.6	.6										9	9		
90/ 89						1.3	4.7	2.0	.6	.1								60	60		
88/ 87					.3	6.3	6.9	1.5	.4	.4								108	108		
86/ 85				.6	8.3	9.9	1.5	1.5	.1		.1							151	151		
84/ 83				3.8	0.6	2.6	1.2	1.0	.1									126	126		
82/ 81		.1	1.2	6.4	4.8	1.6	1.9	.4				.1						114	114	1	
80/ 79		.3	1.5	3.2	.4	.9	.4	.3	.1									49	49	36	1
78/ 77			1.5	.4	.3	.3	.3	.1										22	22	233	11
76/ 75	.4	1.5	.9	.1	.4	.9												29	29	216	98
74/ 73	.1	.9	.1		.1													9	9	89	227
72/ 71	.4	.3			.1													6	6	58	179
70/ 69																				28	59
68/ 67																				13	28
66/ 65																				8	32
64/ 63																				2	26
62/ 61																				1	12
60/ 59																					8
56/ 55																					3
48/ 47																					1
TOTAL	1.0	3.1	5.1	14.6	24.8	23.9	17.4	7.6	1.6	.6	.1	.1						685	685	685	685

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.	3167390	46024	67.2	10.479	685							
Dry Bulb	4826004	57432	83.8	3.968	685			93	92.2	80.9	.3	93
Wet Bulb	3882499	51533	75.2	2.871	685			9	78.1	1.2		93
Dew Point	3513170	48988	71.5	3.781	685				45.8			93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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
98/ 97										.2	.2							2	2		
96/ 95									.5	1.1	.9							16	16		
94/ 93							.5	2.4	3.6	1.7	.3	.3	.2					59	59		
92/ 91							3.2	8.3	7.1	1.7	.3							136	136		
90/ 89					.2	1.8	5.5	10.3	3.5	.9	.3	.2						149	149		
88/ 87					.2	1.4	6.4	2.6	2.7	.8	.2							93	93		
86/ 85		.2			1.5	4.4	1.2	1.2	1.5	.3	.2	.3						71	71		
84/ 83			.3	.8	1.7	1.4	.2	.9	.8									39	39	1	1
82/ 81			.6	1.5	1.8	.2	1.1	.3										36	36	8	
80/ 79	.2	.2	2.0	.9	.3			.2										24	24	78	2
78/ 77	.2	.8	.5	.2														10	10	204	14
76/ 75		1.1	.6															11	11	211	61
74/ 73	.2	.9																7	7	70	142
72/ 71		.6																4	6	43	177
70/ 69		.5																3	3	33	125
68/ 67																				8	42
66/ 65																				4	38
64/ 63																					25
62/ 61																					15
60/ 59																					11
58/ 57																					3
56/ 55																					1
54/ 53																					1
52/ 51																					2
TOTAL	.5	4.1	3.9	3.3	5.6	9.1	17.9	26.2	19.7	6.5	2.3	.8	.2					660	662	660	660

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.	2338008	38332	58.1	13.021	660							
Dry Bulb	5115464	58102	87.8	4.921	662			92.0	91.7	85.0	10.8	93
Wet Bulb	3791512	49990	75.7	2.795	660			92.4	80.6	4.5		93
Dew Point	3304566	46626	70.6	4.020	660			79.5	31.0	.1		93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97										.4	.4	.4						3	3		
96/ 95									1.5	2.6	.7							13	13		
94/ 93								.7	7.7	2.9	.4	.4						33	33		
92/ 91						.4	1.1	5.1	7.0	1.8	1.1	.4						46	46		
90/ 89						.4	2.9	5.1	4.8	1.8	.7	.4	.4					45	45		
88/ 87					.7	1.1	4.0	2.2	1.8	.7	1.1							32	32		
86/ 85					2.6	2.9	1.1	.7	1.8									25	25		
84/ 83				1.5	2.2	2.2	1.8	1.5	.7									27	27		
82/ 81				2.2	1.5	.7	.4											13	13	2	
80/ 79			1.1	1.1	.7													8	8	19	
78/ 77		1.5	1.8															9	9	81	3
76/ 75		.7	1.1															5	5	77	21
74/ 73		1.8																5	5	41	53
72/ 71	.7	1.5	.7															8	8	32	69
70/ 69																			1	12	51
68/ 67																			1	8	23
66/ 65																					19
64/ 63																					16
62/ 61																					6
60/ 59																					5
58/ 57																					4
54/ 53																					2
TOTAL	.7	5.5	4.8	4.8	7.7	7.7	11.4	15.4	25.4	10.3	4.4	1.5	.4					272	274	272	272

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.	977886	15780	58.0	15.176	272							
Dry Bulb	2095543	23905	87.2	6.041	274			93.0	89.6	82.1	16.5	93
Wet Bulb	1539893	20451	75.2	2.871	272			93.0	75.2	3.1		93
Dew Point	1335543	19025	69.9	4.227	272			75.2	26.3			93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 71-72 76 YEARS | AUG 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									1.0									1	1		
90/ 89							1.0	2.0	1.0									4	4		
88/ 87						1.0	1.0	2.9		1.0								7	7		
86/ 85					1.0	1.0	1.0	2.0	2.0									7	7		
84/ 83				1.0		1.0												6	6		
82/ 81				6.9	4.9	4.9	1.0											18	18		
80/ 79			1.0	6.9	2.9	2.9												14	14		
78/ 77		2.0	2.9	2.9	2.9	1.0	2.0											14	14	7	
76/ 75		7.8	10.8															19	19	24	6
74/ 73	1.0	2.9		1.0														5	5	32	21
72/ 71		1.0	2.9	1.0														5	5	22	24
70/ 69		2.0																2	2	8	19
68/ 67																				8	15
66/ 65																				1	7
64/ 63																					6
62/ 61																					3
60/ 59																					1
TOTAL	1.0	15.7	17.6	19.6	15.7	12.7	5.9	6.9	3.9	1.0								102	102	102	102

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.	568630	7480	73.3	14.106	102							
Dry Bulb	650073	8127	79.7	5.017	102			93.0	86.6	47.4		93
Wet Bulb	544016	7444	73.0	2.725	102			92.1	57.4			93
Dew Point	499873	7131	69.9	3.632	102			77.5	24.6			93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FURT POLK AAF LOUISIANA (STATION NAME) 71-72 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							5.6											1	1		
82/ 81				5.6														1	1		
80/ 79			11.1	11.1														4	4		
78/ 77			11.1		5.6													3	3		
76/ 75			5.6		5.6													2	3	3	2
74/ 73		22.2	5.6															5	5	7	3
72/ 71		5.6	5.6															2	2	6	7
70/ 69																			3		2
68/ 67																				2	3
64/ 63																					1
TOTAL		27.8	38.9	16.7	11.1		5.6											18	22	18	18

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	127464	1502	83.4	11.195	18							
Dry Bulb	125882	1662	75.5	3.937	22			93.0	71.9	12.7		93
Wet Bulb	94856	1306	72.6	2.406	18			93.0	51.7			93
Dew Point	90896	1278	71.0	3.049	18			87.8	25.8			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71 75 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71	40.0																	2	2	2	2
70/ 69	20.0																	1	1	1	1
64/ 63	20.0																	1	1	1	1
54/ 53		20.0																1	1	1	
52/ 51																					1
TOTAL	80.0	20.0																	5		5
																		5		5	

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.	48464	492	98.4	3.578	5							
Dry Bulb	22153	331	66.2	7.759	5			54.0				90
Wet Bulb	22046	330	66.0	8.155	5			54.0				90
Dew Point	21941	329	65.8	8.356	5			54.0				90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-72 YEARS | SEP 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
82/ 81			.2	.5	.2													5	5		
80/ 79		.3	1.5	1.1														18	18		
78/ 77		3.6	2.1	.7	.2													40	40	7	3
76/ 75	1.1	9.0	2.1	.8	.3													82	82	63	44
74/ 73	3.6	10.0	2.1	.3														98	98	103	87
72/ 71	3.3	9.3	1.1	.2	.3		.2											89	90	96	101
70/ 69	2.6	7.0	1.5	.2	.2	.2												71	72	78	88
68/ 67	2.9	4.2	1.5	.5	.5													59	60	76	73
66/ 65	.5	1.1	1.1	.7	.3													23	23	31	40
64/ 63	1.5	2.9	.8		.2													33	33	26	28
62/ 61	.8	1.6	.7	.3	.2													22	22	33	28
60/ 59	.5	2.0	1.0	.3	.2													24	24	22	20
58/ 57	.3	.5	.3	.5														10	10	18	23
56/ 55	.2	.8	.8	.2	.2													13	13	14	16
54/ 53		1.0	.8															11	11	15	14
52/ 51		.8	.3															7	7	12	6
50/ 49	.3	.2																3	3	9	18
48/ 47																				4	13
46/ 45		.3																2	2		3
44/ 43		.2																1	1	4	2
42/ 41		.2																1	1		3
40/ 39																				1	1
~~6/ 5~~																					~~1~~
TOTAL	17.6	55.1	18.0	6.2	2.6	.2	.2								~~.2~~				615		612
																		612		612	

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.	5075335	55437	90.6	9.372	612							
Dry Bulb	3003715	42775	69.6	6.824	615			68.0	35.6	2.0		90
Wet Bulb	2829196	41384	67.6	7.097	612			62.2	25.4			90
Dew Point	2750536	40732	66.6	8.050	612		.1	58.2	19.7			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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
90/ 89							.5	1.0	.3									11	11		
88/ 87					.3	1.5	1.9	1.1		.2								31	31		
86/ 85				.2	2.9	6.0	.5	.5	.2	.2								64	64		
84/ 83			.5	1.5	5.8	3.4	1.5	.3	.5									83	84		
82/ 81			1.3	6.6	4.2	1.5	.6	.3										90	90		
80/ 79		.3	2.6	3.6	1.9	1.5	.2	.5	.3									67	67	8	
78/ 77		1.3	2.9	1.6	1.6	.5	1.3	.2										58	58	77	12
76/ 75	.2	2.8	2.8	1.1	.5	.3	.8	.2										53	53	162	38
74/ 73	.8	2.4	1.0	.6	.6	1.1	.2	.3										44	44	109	142
72/ 71	.5	.8	.6	.6	.8	.6	.5		.2						~~.2~~			30	30	68	119
70/ 69	.5	.5	.8	.5	.5		.6	.2										22	22	42	81
68/ 67	.8	.2	.3		.6	.8	.5											20	20	26	49
66/ 65	.2	1.0	.5		.5	.3	.2											16	16	36	29
64/ 63	.6	1.1	.3	.2	.6	.3												20	20	32	33
62/ 61		.2	.2		.2													3	3	14	21
60/ 59					.2	.2												2	2	10	18
58/ 57		.2			.3													3	3	14	22
56/ 55				.2														1	1	12	10
54/ 53																				2	9
52/ 51																				1	4
50/ 49																				4	12
48/ 47																					9
46/ 45																				1	4
44/ 43																					2
42/ 41																					3
~~10/ 9~~																					~~1~~
TOTAL	3.6	10.7	13.8	16.7	21.7	18.0	9.2	4.5	1.5	.3					~~.2~~			618	619	618	618

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.	3316345	44425	71.9	14.111	618							
Dry Bulb	3820234	48452	78.3	6.691	619			83.5	73.0	44.8		90
Wet Bulb	3168491	44095	71.4	6.007	616			71.7	51.8	.3		90
Dew Point	2887681	41983	67.9	7.598	618		.1	64.2	28.0			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95										.2								1	1		
94/ 93									.5	.3	.6							9	9		
92/ 91						.2	.3	1.0	3.9	1.0	.3							41	41		
90/ 89						.3	3.7	5.8	1.6	1.1		.3	.2					81	81		
88/ 87					.3	2.3	6.5	5.7	1.3	.8	.5							107	107		
86/ 85			.3	.2	2.4	3.7	3.6	1.5	.6	.5	.3							81	81		
84/ 83				.3	3.4	1.8	2.1	1.1	.3	.2	.5							60	60		
82/ 81		.2	.2	1.9	.5	1.0	1.6	1.3	.8	.3								48	48	3	
80/ 79		.2	1.1	1.6	.8	.6	.3	.8	.6									38	38	15	3
78/ 77		.2	1.0	.8	.3	.2	.5	.5	.6	.3								27	27	105	5
76/ 75		2.4	1.8	.8	.6		.2	.3	.8	.2								44	44	162	26
74/ 73	.3	1.9	.3	.3		.3	.2	.3	.5									26	26	112	103
72/ 71	.6	.8	.2	.3		.5	.6	.6	.3									25	25	62	114
70/ 69	.2	.2	.2			.2	.3	.2										7	7	44	107
68/ 67			.3	.3				.3										6	6	23	70
66/ 65		1.3																8	8	29	35
64/ 63		.3	.2			.2	.2											5	5	16	45
62/ 61	.2					.2	.2											3	4	16	19
60/ 59																				15	14
58/ 57																				7	18
56/ 55																				4	11
54/ 53																				1	7
52/ 51																				3	10
50/ 49																					2
48/ 47																					12
46/ 45																					2
44/ 43																					3
42/ 41																					3
40/ 39																					1
TOTAL	1.3	7.5	5.5	6.6	6.4	11.3	20.3	19.4	12.0	4.9	2.3	.3	.2						618		617
																		617		617	

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.	2447070	37626	61.0	15.737	617							
Dry Bulb	4286640	51298	83.0	6.805	618			87.5	82.0	64.7	1.5	90
Wet Bulb	3257861	46713	72.5	5.342	617			76.7	57.9	1.3		90
Dew Point	2832806	41574	67.4	7.153	617			62.4	20.0	.1		90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | SEP 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
96/ 95												.4						1	1		
94/ 93									1.5	2.2	.7							12	12		
92/ 91						.4	.4	1.1	3.3	1.5								18	18		
90/ 89							2.2	3.7	3.7	1.5	.4		.4					32	32		
88/ 87					.4	1.9	4.1	4.1	3.0	.7	1.5							42	42		
86/ 85					.7	5.2	1.9	1.9	.7	.4	.4							30	30		
84/ 83				.7	1.5	2.6	1.1	1.9	.4	.4	1.1							26	26		
82/ 81			.7	1.1	1.5	1.1	1.1	.7	.7	.4								20	20	1	
80/ 79		.4	1.5	1.1	.7	.7	.4	1.5	.4									18	18	6	
78/ 77		1.1	1.5	.4		.4		.4	1.1	.4								14	14	34	6
76/ 75	.4	3.0	2.2	.4		.7		.7	.4									21	21	66	9
74/ 73		1.5	1.1	.7	.7			.4										12	12	63	29
72/ 71	1.5	.7	.4	.4		.4	.4	.7	.4									13	13	29	52
70/ 69			.7		.4													3	3	17	50
68/ 67			.4	.4														2	2	16	33
66/ 65	.4	.7					.4											4	4	13	27
64/ 63		.4																1	1	9	15
62/ 61																				8	8
60/ 59																				3	5
58/ 57																				3	12
56/ 55																					7
54/ 53																				1	1
52/ 51																					6
50/ 49																					3
48/ 47																					4
46/ 45																					1
42/ 41																					1
TOTAL	2.2	7.8	8.0	5.2	5.9	13.4	11.9	17.1	15.6	7.4	4.1	.4	.4					269	269		269
																		269		269	

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.	1075784	16374	60.9	17.180	269							
Dry Bulb	1869608	22350	83.1	6.870	269			88.3	82.3	61.6	4.3	90
Wet Bulb	1414163	19461	72.3	4.826	269			77.6	56.9	.7		90
Dew Point	1226011	18073	67.2	6.624	269			59.9	14.7			90

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 71-72 76 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
90/ 89								.9										1	1		
88/ 87							3.7	1.8										6	6		
86/ 85							2.8		.9									4	4		
84/ 83					1.8		1.8											4	4		
82/ 81		.9		.9	.9	1.8		.9										6	6		
80/ 79			.9	7.3	3.7													13	13	1	
78/ 77		1.8	9.2	5.5	1.8			.9										21	21	2	1
76/ 75		9.2	7.3															18	18	13	1
74/ 73		5.5	1.8	1.8	.9	.9												12	12	37	15
72/ 71	1.8	5.5	2.8															11	11	29	37
70/ 69		2.8		.9	.9	.9												6	6	7	21
68/ 67		.9	1.8	.9														4	4	9	15
66/ 65																				1	4
64/ 63		.9					.9											2	2	5	4
62/ 61				.9														1	1	3	4
60/ 59																					1
58/ 57																				1	2
56/ 55																					1
54/ 53																				1	2
44/ 43																					1
TOTAL	1.8	27.5	23.9	18.3	10.1	3.7	9.2	4.6	.9									109	109	109	109

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.	694690	8570	78.6	13.906	109							
Dry Bulb	641279	8339	76.5	5.536	109			87.5	70.2	22.3		90
Wet Bulb	557486	7782	71.4	4.188	109			80.9	43.8			90
Dew Point	521420	7518	69.0	5.168	109			74.3	14.0			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77		5.0	15.0	10.0														6	6		
76/ 75		15.0	5.0															4	4	2	
74/ 73	5.0	15.0	10.0															6	7	6	7
72/ 71	5.0		10.0															3	3	9	5
70/ 69			5.0															1	1	2	5
68/ 67																				1	2
66/ 65																					1
TOTAL	10.0	35.0	45.0	10.0														20	21		20
																		20		20	

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.	157507	1771	88.6	6.004	20							
Dry Bulb	116882	1566	74.6	2.271	21			90.0	72.9			90
Wet Bulb	104050	1442	72.1	2.075	20			90.0	36.0			90
Dew Point	101196	1422	71.1	2.198	20			85.5	31.5			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 67-76 YEARS — OCT 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
78/ 77			.2	.2														2	2		
76/ 75		.5	.3	.2														6	6		
74/ 73	.2	2.7	1.2		.2													25	25	9	5
72/ 71	1.2	4.7	.7	.3														41	41	35	30
70/ 69	1.7	3.4	.5	.3														35	35	45	38
68/ 67	2.0	2.2	.3	1.2	.2													35	38	36	44
66/ 65	1.3	3.0	1.2	.7	.5													43	44	26	24
64/ 63	2.0	5.5	1.3	1.0														59	62	46	31
62/ 61	2.0	4.0	.7	1.0	.2													47	47	51	47
60/ 59	1.8	3.0	.7	.3	.3													37	37	44	49
58/ 57	1.0	2.7	1.8	.8	.3	.2												41	41	37	32
56/ 55	1.3	1.8	1.7	.3	.7	.2												36	36	34	40
54/ 53	1.3	3.4	1.7	.8	.2													44	44	34	29
52/ 51	1.0	2.5	1.7	.7	.2	.3												38	38	41	40
50/ 49	.3	2.2	1.0	.3														23	23	34	26
48/ 47	1.0	2.7	1.8	.3	.2													36	36	37	36
46/ 45	.2	2.0	.5															16	16	31	25
44/ 43	.8	1.3	.2															14	14	25	30
42/ 41	.2	.7																5	5	16	21
40/ 39	.5	.2	.5															7	7	6	25
38/ 37		.3																2	2	4	8
36/ 35		.2																1	1	2	4
34/ 33		.2																1	1		7
32/ 31	.2																	1	1	2	4
TOTAL	20.7	49.2	18.0	8.6	2.9	.7												595	602	595	595

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4731246	52648	88.5	11.066	595
Dry Bulb	2179654	35824	59.5	8.921	602
Wet Bulb	2013844	34178	57.4	9.229	595
Dew Point	1919579	33253	55.9	10.147	595

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		.2	22.7	5.1			93
Wet Bulb		.3	19.5	1.4			93
Dew Point		.6	18.3	.8			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 67-76 YEARS — OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89							.2											1	1		
86/ 85				.2		.5	.6			.2								9	9		
84/ 83				.2	.6	1.1	.5	.2	.2	.2								18	18		
82/ 81		.*	.2	.5	2.1	.8	1.1	.5	.3									36	36		
80/ 79			.8	2.4	1.2	1.7	.9	1.1	.6									57	57	2	
78/ 77			1.1	1.7	1.4	.6	1.7		.2									43	43	4	2
76/ 75		.9	1.7	1.8	1.2	1.4	1.1	.8										58	58	22	1
74/ 73		1.5	1.8	.8	1.2	2.0	1.1	.2	.3									58	58	56	24
72/ 71	.3	2.1	1.1	1.4	2.3	1.4	1.1	.3	.3									67	67	53	38
70/ 69	.3	2.4	.6	.9	.9	.8	.5	.6	.2									47	47	69	70
68/ 67	.2	.8	1.2	1.8	.8	1.2	.8	.5	.2									48	48	53	48
66/ 65		.3	1.2	1.7	.8	.6	1.2		.2									39	39	57	35
64/ 63		.9	.6	.6	1.1	1.2	1.2											37	37	55	41
62/ 61		.3	.6	.2	1.5	.9	.8											29	28	51	52
60/ 59	.2	.3	.8	.6	1.1	1.7	.2											31	31	32	36
58/ 57	.3	.6	.8	.5	.9	.3												22	22	34	50
56/ 55		.5	.3	.5	.5	.2												12	12	27	37
54/ 53		.5	.3	.5	.3	.2												11	11	41	31
52/ 51		1.1	.5	.5		.2												14	14	30	26
50/ 49		.9	.2	.3	.3													11	11	35	25
48/ 47		.3	.2															3	4	17	24
46/ 45			.3	.3														4	4	9	28
44/ 43																				2	24
42/ 41																				4	26
40/ 39																				1	19
38/ 37																					7
36/ 35																					5
34/ 33																					4
32/ 31																					1
TOTAL	1.2	13.6	14.1	17.1	18.2	16.5	12.7	4.0	2.3	.3									655		654
																		654		654	

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.	3218446	44706	68.4	15.772	654							
Dry Bulb	3240099	45703	69.8	8.843	655			62.8	39.8	12.2		93
Wet Bulb	2633259	41133	62.9	8.413	654			36.8	11.9			93
Dew Point	2289878	38110	58.3	10.289	654		.1	26.0	3.8			93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | OCT 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
92/ 91								.3	.2	.2									4	4		
90/ 89							.2	.6	.5			.2							9	9		
88/ 87						.5	.8	2.0	1.7	.6	.2								37	37		
86/ 85					.2	1.7	1.6	2.4	1.4	.5	.2	.2							51	51		
84/ 83					.8	1.3	1.9	.9	1.1	.8	.5								46	46		
82/ 81			.2	.8	1.4	1.1	2.0	2.4	2.2	1.3									72	72		
80/ 79			.5	.6	.5	1.9	1.4	2.0	2.2		.2								59	59		
78/ 77			.9	.6	.6	1.3	2.0	1.7	.6	.6	.5								57	57	12	
76/ 75		.6	.2	.3	1.1	1.1	1.3	1.7	.8	.8	.2								51	51	43	2
74/ 73		.3	.5	.2	.2	1.4	1.4	1.3	.9	.3	.3								43	43	70	21
72/ 71		1.1	1.1	.6	.6	.8	1.1	.8	.9	.6									49	49	44	35
70/ 69		1.1	.2	.2	.3	.3	.9	1.3	.9	.2									34	34	61	42
68/ 67	.2	.9		.5	.3	.5	.5	1.4	.3										29	29	66	54
66/ 65	.2	.3		.2	.6	.2	.3	1.1											19	19	73	51
64/ 63			.2	.5	.2	.6	.9	.2											16	16	46	47
62/ 61	.2		.2	.6	.3	.3	.2												11	11	39	36
60/ 59		.2			.2	.3													11	11	34	37
58/ 57	.2	.3	.2	.2	.2	.6													10	10	32	45
56/ 55		.3	.2	.5	.2	.2													8	8	34	43
54/ 53		.6	.5		.3														9	9	33	45
52/ 51	.2	.5			.2														5	5	24	32
50/ 49	.2	.6	.2	.2															7	7	15	23
48/ 47																					7	19
46/ 45																					3	27
44/ 43																					1	23
42/ 41																						18
40/ 39																						20
38/ 37																						11
36/ 35																						6
TOTAL	.9	7.5	4.7	5.8	8.5	14.0	16.6	20.1	13.0	5.8	1.9	.3								637		637
																			637		637	

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.	2221046	36086	56.6	16.672	637							
Dry Bulb	3685969	48115	75.5	9.013	637			79.0	62.6	36.1		93
Wet Bulb	2710370	41262	64.8	7.689	637			43.2	18.2			93
Dew Point	2207423	36967	58.0	9.883	637			22.5	3.4			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) OCT (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									.3	.3								2	2		
90/ 89							.3	.7	.3		.3							5	5		
88/ 87							.3	1.0	1.7	.7	1.0							14	14		
86/ 85					.3	2.3	1.0	1.0	2.0	1.0		.3						24	24		
84/ 83					.3	1.3	1.0	2.0	1.0	.7	.7							21	21		
82/ 81				.7	1.3	1.7	2.3	1.3	2.3	2.0	.3							36	36		
80/ 79			.7	1.3	.7	2.3	.3	2.3	.7									25	25		
78/ 77			.7		.7	1.3	1.3	2.0	2.0	.3	1.3							29	29	3	
76/ 75		.3	.7	.7	1.3	1.7	.3	2.3	.3	.7								25	25	19	
74/ 73		1.0		1.0		.3	.7	1.7	1.0	.7	.7							21	21	23	7
72/ 71	.3	.3	.7		.3	1.0	.7	.3	1.3	1.0								18	18	25	23
70/ 69					.7		1.3	1.0	1.3									13	13	35	10
68/ 67	.7	1.7		.3	.3	1.0	.7	1.0	.3									18	18	32	24
66/ 65	.3	.3					.7	.7	.3									7	7	27	21
64/ 63			.3			1.0	.7											6	6	22	27
62/ 61			.3		.3													2	2	18	12
60/ 59		1.0	.7	.7		.3	.3											9	9	18	20
58/ 57		.3			.3	.3	.7											5	5	13	20
56/ 55		1.0	.3			.3												5	5	21	22
54/ 53	.3	.3	1.0	1.3	.3													10	10	17	17
52/ 51	.7	.7		1.0														7	7	10	16
50/ 49			.3															1	1	9	17
48/ 47																				6	11
46/ 45																				5	10
44/ 43																					13
42/ 41																					8
40/ 39																					12
38/ 37																					6
36/ 35																					6
34/ 33																					1
TOTAL	2.3	6.9	5.6	6.9	6.9	14.9	12.5	17.2	14.9	7.3	4.3	.3						303	303		303
																		303		303	

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.	1060032	17082	56.4	17.923	303							
Dry Bulb	1724078	22668	74.8	9.670	303			77.0	62.0	34.4		93
Wet Bulb	1259356	19384	64.0	7.993	303			42.0	13.8			93
Dew Point	1015749	17269	57.0	10.218	303			19.6	2.1			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
88/ 87									.9									1	1		
82/ 81					.9													1	1		
80/ 79				.9	.9													2	2		
78/ 77				1.8	1.8	.9												5	5		
76/ 75			2.8	2.8			.9											7	7		
74/ 73		.9	.9	2.8	.9													6	6	4	
72/ 71	.9	3.7	1.8	1.8	1.8	.9	.9											13	13	14	7
70/ 69		.9	2.8	1.8	.9	.9												8	8	4	8
68/ 67		1.8	1.8	.9														5	5	7	5
66/ 65			.9	.9			.9											3	3	0	9
64/ 63		2.8	3.7	2.8	.9													11	11	6	6
62/ 61		.9	1.8	1.8	.9	.9												7	7	7	6
60/ 59				.9	1.8	.9												4	4	9	8
58/ 57		.9	.9	2.8														5	5	5	6
56/ 55		1.8	3.7		.9													7	7	4	6
54/ 53	.9		.9		.9													3	3	9	7
52/ 51		2.8	2.8	1.8	.9													9	9	7	4
50/ 49		.9	2.8	1.8	.9													7	7	4	7
48/ 47		.9	.9	.9	.9													4	4	6	6
46/ 45																				6	3
44/ 43			.9															1	1	3	8
42/ 41																				3	2
40/ 39																				1	2
38/ 37																					1
36/ 35																					5
32/ 31																					1
30/ 29																					1
TOTAL	1.8	18.3	29.4	26.6	15.6	4.6	2.8		.9										109		109
																		109		109	

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.	635760	8213	75.3	12.683	109							
Dry Bulb	455049	6961	63.9	9.862	109			41.0	18.8	1.7		93
Wet Bulb	390216	6440	59.1	9.489	109			24.7	3.4			93
Dew Point	349846	6062	55.6	10.848	109		1.7	17.1				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03 31 STATION — FORT POLK AAF LOUISIANA STATION NAME — 71-72 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
76/ 75		8.7																2	2		
74/ 73		4.3	4.3															2	2	2	2
72/ 71	8.7	8.7																4	4	6	3
70/ 69		4.3	4.3															2	2		3
68/ 67			4.3															1	1	1	1
66/ 65		4.3																1	1	2	
64/ 63		8.7		4.3														3	3	1	2
62/ 61		21.7																5	5	5	2
60/ 59																				2	5
58/ 57																				1	1
56/ 55			4.3															1	1		1
52/ 51																				1	
50/ 49																					1
48/ 47		8.7																2	2		
46/ 45																				2	
44/ 43																					2
TOTAL	8.7	69.6	17.4	4.3														23	23	23	23

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.	186238	2064	89.7	6.797	23							
Dry Bulb	99871	1505	65.4	7.953	23			44.5	16.2			93
Wet Bulb	94712	1464	63.7	8.326	23			36.4	8.1			93
Dew Point	91315	1435	62.4	5.004	23			36.4	8.1			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-51321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 FORT POLK AAF LOUISIANA 71 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69			.0															1	1		
68/ 67																				1	
66/ 65																					1
TOTAL			.0																1		1
																		1		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.	7569	87	87.0		1							
Dry Bulb	4900	70	70.0		1			90.0				90
Wet Bulb	4489	67	67.0		1			90.0				90
Dew Point	4356	66	66.0		1							90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75		1.0																4	4		
74/ 73		.5	.3															3	3	6	2
72/ 71	.3	.8	.3															5	5	1	5
70/ 69	.5	1.8	.3															10	10	12	8
68/ 67	.5	2.8	.8															16	16	9	9
66/ 65	.8	1.8		.3														11	11	12	14
64/ 63	1.0	2.8		.3														16	16	17	15
62/ 61	1.8	1.0	.5		.3													14	14	16	17
60/ 59	1.0	1.5	1.0	.3		.3												16	16	8	9
58/ 57	.5	2.0	.3		.3													12	12	13	4
56/ 55	1.0	2.6	1.8	.5														23	23	16	15
54/ 53	.3	2.8	.8	.3	.5													18	18	16	17
52/ 51	.3	1.5	2.0	1.0	.3													20	20	15	15
50/ 49	.5	1.5	1.0	.8														15	15	19	13
48/ 47	1.3	3.1	1.5	.8	.3		.3											28	28	21	19
46/ 45	.8	4.6	2.6	.8			.3											35	35	27	12
44/ 43	.3	2.6	2.8	.8														25	26	27	25
42/ 41	1.0	4.1	2.3															29	29	33	24
40/ 39	.5	3.3	2.6	1.0														29	29	26	34
38/ 37	1.0	4.1	.3	.3														22	22	28	27
36/ 35	.5	1.3	1.8															14	14	27	25
34/ 33	.5	1.8	.3															10	10	14	26
32/ 31	.5	1.0																6	6	16	18
30/ 29		.8																3	3	3	9
28/ 27	.3																	1	1	3	8
26/ 25	.3	.3	.3															3	3	1	8
24/ 23		.3	.3															2	2	1	6
22/ 21			.3															1	1	3	1
20/ 19	.3																	1	1	2	2
14/ 13																					2
12/ 11																					1
10/ 9																					1
8/ 7																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_A	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

0437 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	15.6	51.5	23.7	6.9	1.5	.3	.5											392	393	392	392

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.	2915527	33459	85.4	12.351	392							
Dry Bulb	1012857	19443	49.5	11.400	393		3.9	8.7	1.6			90
Wet Bulb	934773	18589	47.4	11.672	392		6.7	6.4	1.4			90
Dew Point	862702	17668	45.1	13.030	392		13.1	5.5	.5			90

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 67-76 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
80/ 79			.3	.3		.3												6	6		
78/ 77		.2	.5	.2	.5	.2	.3											11	11		
76/ 75		.2	1.2	.2	.3	.3												13	13	3	
74/ 73		.8	.7	1.2	1.2	.2	.2	.2										26	26	12	6
72/ 71		1.0	.7	1.0	.5	.3	.3	.2										24	24	12	10
70/ 69	.2	.3	1.3	1.3	1.5	.5	.3											33	33	14	15
68/ 67		1.5	1.2	.7	.2	.7	.2	.2										27	27	23	12
66/ 65		1.5	1.0	1.3	.7	1.2	.5	.7										41	41	33	20
64/ 63	.7	1.8	.7	.7	.8	.8	1.2	.2	.2									42	42	31	28
62/ 61	.5	.3	.8	1.2	1.2	1.2	.8	.7	.2									41	41	39	35
60/ 59	.2	.2	.7	.8	1.5	1.5	.2	.5										33	34	17	19
58/ 57	.2	.2	.7	1.3	1.5	1.3	.3											33	33	24	21
56/ 55		.8	.5	2.3	1.7	.5	.7											39	39	25	16
54/ 53		.2	1.0	1.7	1.5	.8	.2											32	32	30	20
52/ 51		.7	1.5	2.5	1.3	1.2	.2											44	44	43	19
50/ 49		1.0	1.5	1.2	1.7	.2												33	33	48	16
48/ 47	.3	.3	1.0	1.3	1.0													24	24	55	29
46/ 45		.8	1.3	1.3	1.3		.2											30	31	36	37
44/ 43		1.0	1.5	1.7	.3	.2	.3											30	31	36	38
42/ 41		.5	.7	.5	.2													11	11	36	47
40/ 39		1.5	1.0	.8														20	20	30	40
38/ 37		.5	.3															5	5	30	27
36/ 35				.2														1	1	14	42
34/ 33				.3														2	2	6	27
32/ 31			.2		.2													2	2	2	24
30/ 29				.2														1	1		21
28/ 27			.2	.2														2	2	3	15
26/ 25																					5
24/ 23																				4	5
20/ 19																					3
18/ 17																					1
14/ 13																					1
12/ 11																					2
10/ 9																					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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 70-72 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63	33.3																	1	1	1	1
62/ 61	33.3																	1	1	1	1
34/ 33	33.1																	1	1	1	1
TOTAL	.0																		3		3
																		3		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.	29216	296	98.7		3							
Dry Bulb	8846	158	52.7		3							93
Wet Bulb	8846	158	52.7		3							93
Dew Point	8779	157	52.3		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

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | DEC MONTH

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		.5																2	2		
70/ 69	.5	1.7																9	10	8	6
68/ 67	1.0	1.5	.2															11	12	11	11
66/ 65	.5	2.7	.5															15	15	10	8
64/ 63	3.7	.2																16	16	24	25
62/ 61	1.5	1.5																12	12	7	9
60/ 59	1.0	1.7	.5															13	14	11	8
58/ 57	2.0	2.0	.2															17	18	13	16
56/ 55	1.7	2.0	.7	.2														19	19	17	13
54/ 53	1.2	2.5	.5															17	17	19	17
52/ 51	.5	3.0	.7	.2														18	18	14	11
50/ 49		2.0	.7		.2													12	12	17	13
48/ 47	.7	3.7	.7	.2	.2													23	23	12	14
46/ 45	1.0	3.0	1.2	1.2														26	26	22	23
44/ 43	.2	3.7	1.2	.5														23	24	20	12
42/ 41	.7	3.7	2.5	.2														29	29	23	22
40/ 39	1.0	3.9	.2	.2														22	22	32	18
38/ 37	1.2	3.7	2.0			.2												29	29	32	19
36/ 35	1.0	2.7	1.0	.2														20	20	24	33
34/ 33	1.2	4.2	1.0															26	26	23	27
32/ 31		3.0																12	13	19	16
30/ 29	.7	2.5	.7															16	16	19	25
28/ 27	.7	.7	.5															8	8	14	23
26/ 25	.7	.5	.2															6	7	7	14
24/ 23		.5																2	2	4	8
22/ 21	.2	.2																2	2	2	4
20/ 19		.2																1	1	1	2
18/ 17																				1	2
16/ 15																					3
12/ 11																					2
10/ 9																					2
TOTAL	23.2	57.4	15.5	3.2	.5	.2													413		406
																		406		406	

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.	3173069	35607	87.7	11.141	406							
Dry Bulb	950501	19181	46.4	12.035	413		11.0	5.4				93
Wet Bulb	877451	18207	44.8	12.269	406		15.3	4.4				93
Dew Point	818981	17381	42.8	13.599	406		23.1	3.9				93

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

U.S. GOVERNMENT PRINTING OFFICE: 1970 O-390-000

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73		1.0		.3														8	8	1	
72/ 71		1.0	.6	.2		.2												12	15	9	5
70/ 69	.2	1.6	1.8	.3	.2		.2											26	27	11	10
68/ 67	.5	2.4	.5		.5													24	25	24	15
66/ 65	1.0	.6	.8	.6	.2		.3	.2										23	23	24	24
64/ 63	1.9	1.9	1.0	1.0	.2	.6												41	42	22	31
62/ 61	.6	1.3	1.0	.8	.5	.3	.3											30	30	23	17
60/ 59		1.4	.6	.6	.2	.2	.2											20	20	21	11
58/ 57	.8	1.0	.8	1.0	1.0	.5												31	31	29	18
56/ 55	.8	2.4	.8	1.3	1.3	.8	.2											46	46	22	26
54/ 53		1.4	.8	1.1	1.8	.6	.3											38	38	31	27
52/ 51	.6	1.9	1.8	2.7	.6	.6	.3											54	54	32	21
50/ 49	.2	1.0	1.4	1.3	1.6	.2												35	35	32	21
48/ 47	.6	1.3	1.0	1.6	.6	.5												35	35	46	23
46/ 45	.8	1.8	1.3	1.0	1.9	.2	.2											44	44	51	40
44/ 43	.3	1.9	1.9	1.9	.3	.3												42	42	44	27
42/ 41	.3	1.8	.6	.2	.5													21	21	36	36
40/ 39	.3	1.9	2.4	1.3	.3													39	39	47	39
38/ 37	.5	.8	.8	.6	.2													18	19	36	34
36/ 35	.3	1.4	.8	.5														18	18	28	38
34/ 33		.6	.5															7	7	27	29
32/ 31		.6	.2	.2														6	6	11	31
30/ 29		.3		.2														3	3	9	36
28/ 27		.2																1	1	4	16
26/ 25																				1	18
24/ 23																				1	12
22/ 21																					5
20/ 19																					6
16/ 15																					4
12/ 11																					1
10/ 9																					1
TOTAL	9.8	31.7	21.1	18..	11.7	5.0	1.9	.2										622	629	622	622

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.	3746913	47055	75.7	17.360	622							
Dry Bulb	1811024	33100	52.6	10.497	629		1.5	11.1	1.2			93
Wet Bulb	1547388	30282	48.7	10.850	622		3.9	6.7	.1			93
Dew Point	1335130	27622	44.4	13.217	622		19.4	4.5				93

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

U S GOVERNMENT PRINTING OFFICE: 1974 702-210

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
80/ 79				.2															1	1		
78/ 77				.2	.3	.5	.2												7	7		
76/ 75		.2	.5	1.0	.5	.5	.2												17	17		
74/ 73		.8	.3	.8	.5	.7	.8	.2											25	31	4	3
72/ 71			2.4	.5	.8	.5	.3	.3	.8	.2									35	35	7	2
70/ 69	.2	1.2	1.7	.6	1.2	.8	.3	.7	.5										44	44	20	9
68/ 67		.8	1.5	.3	.8		.5	.8	.2										30	30	27	15
66/ 65	.3	1.9	.7	.3	1.0	.8	1.2	.2											38	38	37	29
64/ 63	.5	1.7	.2	1.0	.5	1.2	.5	.7	.5										40	40	35	32
62/ 61	.2	.7		.7	1.4	.3	1.7	.5											32	32	29	30
60/ 59	.2	.7	.2	.5	.8	1.7	2.4	.3	.3										42	42	21	17
58/ 57	.5	.8	.2	.8	1.2	2.2	1.9	.3											47	47	20	20
56/ 55	.3	.7		1.0	1.7	1.7	1.5	.3											43	43	38	17
54/ 53	.2	.8	.7	1.2	.5	1.5	.2												30	30	37	23
52/ 51	.8	.7	.8	.5	.3	1.2	.7												30	30	27	22
50/ 49		.3		.3	.8	.5	.5												15	15	50	8
48/ 47		.8	.2	.7	.3	1.0		.2											19	19	53	29
46/ 45	.3	1.9	.5	.3	.3	.2	.2	.2											23	23	38	40
44/ 43	.5	1.4	1.2	1.4	.5	.2													30	30	38	29
42/ 41	.7	1.4	.2	.2	.2														15	15	34	32
40/ 39	.2	.8	.3	.2	.2														10	10	22	41
38/ 37	.8	.7	.2	.3															12	12	29	38
36/ 35		.3		.3															4	4	12	39
34/ 33			.3																2	2	7	20
32/ 31			.2																1	1	3	28
30/ 29																					4	21
28/ 27																						12
26/ 25																						8
24/ 23																						9
22/ 21																						10
20/ 19																						4
18/ 17																						1
16/ 15																						2
12/ 11																						1

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					1
TOTAL	5.	7	18.	6	12.	2	13.	7	14.	0	15.	5	13.	0	4.	7	2.	4	.2	592	598	592	592

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.	2799422	38764	65.5	21.022	592							
Dry Bulb	2138319	35201	58.9	10.533	598		.2	25.7	8.7			93
Wet Bulb	1677393	30929	52.2	10.202	592		1.1	9.1	.6			93
Dew Point	1348940	27154	45.9	13.229	592		15.2	4.6	.5			93

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 762-510

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79						.5												2	2		
78/ 77				.3		.3	.3											3	3		
76/ 75			.3	.5	1.6	.8			.3									13	13		
74/ 73		.8	.3	2.6	.5		.8	.3		.3								21	24	2	2
72/ 71			1.0	1.8	.8	.8	.8	.8	.5	.5								27	28	3	1
70/ 69	.3	.3	2.1	.8	.8	.8	.3	.3	.8									24	24	9	3
68/ 67		.5	1.0	.3	1.0	.3	1.0	.5	.3									19	19	23	3
66/ 65	.5	1.0	.3	.8	.5	.8	.5	.5	.3									20	20	24	19
64/ 63		2.6		1.8	.5	1.3	.5	1.0	.3									31	31	22	31
62/ 61		1.6		1.0	1.6		1.0	1.0	.5									26	26	15	18
60/ 59		.8		.5	1.6	1.6	2.3	1.8										33	33	25	11
58/ 57	.5	1.0		.5	1.3	1.3	1.6	.5										26	26	15	15
56/ 55	.3	.3	.8	1.0	1.3	1.3	1.3	.3										25	25	19	13
54/ 53	.5	.8	.5	.8	.8	.8	1.3											21	21	26	11
52/ 51	.5		1.0	.3	.8	.5	1.6											18	18	25	13
50/ 49	.5	.5		1.0	.8	.3	.5											14	14	28	15
48/ 47		1.3	.3	.8	.3	.8												13	13	33	17
46/ 45	1.0	.8	.5	1.0		.5												15	15	34	30
44/ 43	.3	2.1	.3	.5														12	12	20	18
42/ 41	1.0	1.0	.3															9	9	28	21
40/ 39	.5	.3		.5	.3													6	6	17	28
38/ 37	.3	.5	.5	.3														6	6	7	17
36/ 35				.3														1	1	3	24
34/ 33																				4	15
32/ 31																				2	16
30/ 29																				1	10
28/ 27																					11
26/ 25																					12
24/ 23																					2
22/ 21																					3
20/ 19																					4
18/ 17																					2
TOTAL	6.2	16.1	9.1	17.4	14.3	12.5	13.8	7.0	2.9	.8								385	389	385	385

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	1761100	24716	64.2	21.311	385							
Dry Bulb	1428254	23246	59.8	10.040	389			27.0	10.0			93
Wet Bulb	1107057	20313	52.8	9.591	385		.7	8.9	.5			93
Dew Point	880745	17749	46.1	12.757	385		14.5	2.2	.5			93

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 O-546-870

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71		1.1																1	1	1	
70/ 69			1.1															1	1		1
68/ 67		2.1	3.2															5	5	3	
66/ 65		2.1																2	2	4	3
64/ 63	5.3	3.2	1.1															9	9	7	11
62/ 61		3.2	1.1															4	4	2	2
60/ 59		1.1																1	1	4	
58/ 57			1.1															1	1	2	5
56/ 55	1.1	2.1				1.1												4	4	1	2
54/ 53	1.1	2.1	2.1															5	5	4	2
52/ 51		4.3			3.2													7	7	5	6
50/ 49		2.1	1.1	1.1	1.1	1.1												6	6	5	
48/ 47		3.2	2.1		1.1													6	6	3	6
46/ 45	1.1	2.1	10.6		1.1													14	14	5	5
44/ 43	2.1	3.2	1.1	1.1														7	7	9	3
42/ 41	1.1	2.1	2.1															5	5	16	4
40/ 39	1.1	4.3	2.1															7	7	4	9
38/ 37	2.1	1.1	1.1															4	4	10	8
36/ 35				1.1														1	1	3	9
34/ 33			2.1															2	2	1	4
32/ 31		1.1																1	1	3	1
30/ 29		1.1																1	1	1	6
28/ 27																				1	3
26/ 25																					2
24/ 23																					2
TOTAL	14.9	41.5	31.9	3.2	6.4	2.1													94		94
																		94		94	

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.	659686	7756	82.5	14.567	94							
Dry Bulb	245717	4713	50.1	10.062	94		2.0	6.9				93
Wet Bulb	223642	4478	47.6	10.533	94		4.9	4.0				93
Dew Point	201869	4203	44.7	12.244	94		13.9	1.0				93

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

USAFETAC

U.S. GOVERNMENT PRINTING OFFICE: 1972 O-726-010

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 (STATION) FURT POLK AAF LOUISIANA (STATION NAME) 71-72 76 (YEARS) DEC (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
68/ 67	3.8																	1	1	1	1
66/ 65	3.8																	1	1	1	1
64/ 63	3.8																	1	1	1	1
60/ 59		7.7																2	2		
58/ 57																				2	
56/ 55	3.8																	1	1	1	3
52/ 51		15.4																4	4	1	1
50/ 49																				3	1
48/ 47																					2
46/ 45			7.7		3.8													3	3		
44/ 43		7.7	3.8															3	3		
42/ 41		3.8																1	1	5	
40/ 39		11.5																3	3	2	6
38/ 37			7.7															2	2	3	2
36/ 35		3.8	7.7															3	3		
34/ 33																				5	1
32/ 31																					1
28/ 27	3.8																	1	1	1	4
26/ 25																					2
TOTAL	19.2	50.0	26.9		3.8													26	26		26
																				26	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	190400	2202	84.7	12.202	26							
Dry Bulb	59337	1213	46.7	10.480	26		3.6	3.6				93
Wet Bulb	55143	1163	44.7	11.173	26		3.6	3.6				93
Dew Point	50334	1096	42.2	12.858	26		25.3	3.6				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

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS)

HRS. (L S T.)		JAN.	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN			61.0	62.0							70.0		63.8
	S D.													4.272
	TOTAL OBS			1	2							1		4
03-05	MEAN	55.5		43.0		69.0		73.3	71.0	66.2			52.7	63.9
	S D									7.759				11.742
	TOTAL OBS	2		1		2		3	3	5			3	19
06-08	MEAN	44.9	44.4	53.3	61.9	67.5	74.2	75.7	74.3	69.6	59.5	49.5	46.4	62.1
	S D	13.667	11.572	10.745	8.867	6.415	5.628	4.305	4.148	6.824	8.921	11.400	12.035	14.325
	TOTAL OBS	452	400	475	490	640	628	622	662	615	602	393	413	6392
09-11	MEAN	49.9	52.2	60.5	69.2	76.3	82.6	84.2	83.8	78.3	69.8	57.8	52.6	68.3
	S D	12.983	10.582	9.923	7.620	6.126	5.325	4.470	3.968	6.691	8.843	10.703	10.497	15.140
	TOTAL OBS	649	570	651	656	637	642	633	685	619	655	609	629	7635
12-14	MEAN	55.3	58.9	66.4	74.6	80.6	86.3	87.9	87.8	83.0	75.5	63.8	58.9	73.5
	S D	13.619	10.589	9.974	7.543	6.599	5.061	5.529	4.921	6.805	9.013	10.762	10.533	14.559
	TOTAL OBS	641	565	645	653	644	643	624	662	618	637	606	598	7536
15-17	MEAN	56.6	60.8	67.3	75.3	80.6	86.4	87.0	87.2	83.1	74.8	63.5	59.8	71.6
	S D	13.545	10.517	10.082	7.523	6.807	6.346	6.898	6.041	6.870	9.870	10.892	10.040	14.393
	TOTAL OBS	416	337	401	386	256	268	269	274	269	303	451	389	4033
18-20	MEAN	48.9	54.8	61.4	71.0	72.2	79.8	80.4	79.7	76.5	63.9	51.0	50.1	66.2
	S.D.	12.442	9.108	8.965	7.159	5.936	5.447	5.024	5.017	5.534	9.862	10.494	10.062	14.665
	TOTAL OBS	76	37	57	48	82	80	83	102	109	109	113	96	988
21-23	MEAN	48.5	52.5	56.8	65.2	67.9	76.6	76.5	75.5	74.6	65.4	49.2	46.7	59.6
	S D	12.937	12.150	9.566	5.259	4.461	4.873	3.382	3.937	2.271	7.953	10.427	10.480	13.501
	TOTAL OBS	19	33	56	92	23	13	13	22	21	23	64	26	345
ALL HOURS	MEAN	51.6	54.1	61.8	70.2	75.3	81.7	83.0	82.4	77.6	69.0	58.5	54.3	68.6
	S D	14.065	12.298	11.382	9.308	8.365	7.593	7.076	7.152	8.641	11.084	12.253	11.837	15.280
	TOTAL OBS	2253	1962	2287	2265	2284	2274	2241	2410	2256	2329	2237	2152	26952

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03931 STATION — FORT POLK AAF LOUISIANA STATION NAME — 67-76 YEARS

HRS (L S T.)		JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN			61.0	54.5							67.0		59.3
	S D													6.131
	TOTAL OBS			1	2							1		4
03-05	MEAN	53.0		41.0		67.0		72.7	69.3	66.0			52.7	62.9
	S D.									8.155				11.981
	TOTAL OBS	2		1		2		3	3	5			3	19
06-08	MEAN	43.6	42.5	51.1	59.0	64.2	70.9	72.9	71.7	67.6	57.4	47.4	44.8	59.7
	S D	13.838	11.803	10.954	9.251	6.331	4.978	3.231	3.523	7.097	9.229	11.672	12.269	14.003
	TOTAL OBS	448	399	474	490	640	628	622	660	612	595	392	406	6366
09-11	MEAN	46.5	47.2	54.8	62.2	67.4	73.4	75.7	75.2	71.4	62.9	52.1	48.7	61.7
	S D	12.798	10.472	9.743	7.999	5.618	4.346	2.729	2.871	6.007	8.413	10.718	10.850	13.570
	TOTAL OBS	646	570	631	655	637	640	631	685	618	654	606	622	7615
12-14	MEAN	49.4	50.5	57.4	64.0	68.6	73.9	76.2	75.7	72.3	64.8	54.8	52.2	63.6
	S. D.	12.409	9.715	9.070	7.282	5.154	4.135	2.826	2.795	5.342	7.689	9.865	10.202	12.396
	TOTAL OBS	640	565	644	632	643	643	624	660	617	637	604	592	7521
15-17	MEAN	50.1	51.6	57.5	63.8	68.5	73.6	75.8	75.2	72.3	64.0	54.5	52.8	61.7
	S.D	12.168	9.335	8.795	7.362	4.784	4.136	2.884	2.871	4.826	7.993	9.701	9.991	12.219
	TOTAL OBS	414	357	401	376	356	268	262	272	269	303	451	385	4024
18-20	MEAN	46.3	50.3	54.8	65.6	64.8	72.1	74.3	73.0	71.4	59.1	47.5	47.6	61.0
	S.D	12.171	9.618	9.675	7.150	4.300	3.854	2.636	2.725	4.188	9.489	9.789	10.583	13.214
	TOTAL OBS	76	77	57	46	82	80	83	102	109	109	111	94	986
21-23	MEAN	45.6	49.8	52.8	61.8	64.7	73.0	73.5	72.6	72.1	63.7	49.3	44.7	56.3
	S D	13.777	11.950	10.495	6.679	4.599	2.858	3.031	2.406	2.075	8.326	10.376	11.173	13.612
	TOTAL OBS	19	32	56	32	29	19	12	18	20	23	64	26	339
ALL HOURS	MEAN	47.4	48.1	55.2	62.4	66.9	72.8	75.0	74.3	70.8	62.0	52.1	49.6	61.7
	S D.	12.997	10.855	9.978	8.186	5.856	4.594	3.216	3.467	6.256	8.928	10.834	11.132	13.331
	TOTAL OBS	2245	1961	2265	2263	2283	2272	2237	2400	2350	2321	2229	2128	26874

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03931 — STATION
FORT POLK AAF LOUISIANA — STATION NAME
67-76 — YEARS

HRS (L.S.T.)		JAN.	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN			61.0	48.0							66.0		55.8
	S.D.													9.323
	TOTAL OBS			1	2							1		4
03-05	MEAN	50.5		39.0		65.5		72.3	68.7	65.8			52.3	62.1
	S.D.									8.556				12.609
	TOTAL OBS	2		1		2		3	3	5			3	19
06-08	MEAN	41.6	40.0	48.9	56.7	62.2	69.4	71.7	70.6	66.6	55.9	45.1	42.8	58.0
	S D	15.325	13.403	12.236	10.634	7.293	5.344	3.333	3.842	8.050	10.147	13.030	13.599	14.959
	TOTAL OBS	448	399	474	490	640	628	622	660	612	595	392	406	6366
09-11	MEAN	42.6	41.4	49.7	57.2	62.2	69.2	72.1	71.5	67.9	58.3	46.5	44.4	57.2
	S D	14.937	13.131	12.341	10.934	7.863	5.573	3.224	3.781	7.598	10.289	13.271	13.217	15.219
	TOTAL OBS	646	570	651	655	637	640	631	685	618	654	606	622	7615
12-14	MEAN	43.3	41.9	49.9	57.0	62.0	68.2	71.4	70.6	67.4	58.0	46.8	45.9	57.1
	S D	14.828	13.084	12.447	10.837	7.485	5.597	3.572	4.020	7.159	9.883	12.765	13.229	14.658
	TOTAL OBS	640	565	644	652	643	643	624	660	617	637	604	592	7521
15-17	MEAN	43.3	42.5	49.4	56.0	61.8	67.8	71.1	69.9	67.2	57.0	46.5	46.1	56.7
	S.D	14.804	12.780	12.362	11.372	6.963	5.825	3.377	4.227	6.624	10.218	12.488	12.757	14.777
	TOTAL OBS	414	357	401	386	256	268	262	272	269	303	451	385	4024
18-20	MEAN	43.4	45.6	48.4	52.3	60.2	68.4	71.7	69.9	69.0	55.6	43.8	44.7	57.6
	S D	13.244	12.143	12.995	8.617	5.874	4.928	2.594	3.032	5.168	10.840	10.612	12.244	14.226
	TOTAL OBS	76	37	57	46	82	80	83	102	109	109	111	94	986
21-23	MEAN	42.2	47.0	48.5	59.2	62.7	71.3	72.0	71.0	71.1	62.4	43.2	42.2	53.6
	S D	15.967	12.931	13.258	8.873	5.226	3.591	3.542	3.049	2.198	9.004	11.624	12.858	15.174
	TOTAL OBS	19	33	56	32	23	13	12	18	20	29	64	26	339
ALL HOURS	MEAN	42.8	41.6	49.5	57.0	62.0	68.6	71.7	70.8	67.4	57.3	46.1	44.8	56.9
	S.D	14.915	13.129	12.385	10.876	7.414	5.547	3.367	3.937	7.394	10.203	12.794	13.213	14.935
	TOTAL OBS	2245	1961	2285	2263	2283	2272	2237	2400	2250	2321	2229	2128	26874

USAF ETAC FORM JUL 64 0-89-5 (OL 1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03931 (STATION) FURT POLK AAF LOUISIANA (STATION NAME) 67-76 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	98.3	94.9	90.5	82.1	70.6	50.3	35.2	77.6	2245
FEB		100.0	99.9	97.7	93.9	78.3	67.9	55.1	37.1	19.6	69.9	1961
MAR		100.0	99.8	96.6	91.2	84.0	74.6	61.9	50.5	24.6	74.6	2285
APR		100.0	99.7	97.3	92.3	83.6	64.5	45.4	31.1	11.8	68.5	2263
MAY		100.0	100.0	98.9	93.2	81.4	68.3	56.3	40.0	17.2	71.0	2283
JUN		100.0	100.0	99.7	96.7	84.1	65.0	46.8	30.7	12.3	69.3	2272
JUL		100.0	100.0	99.9	99.0	92.0	78.8	62.8	46.9	25.1	76.2	2237
AUG		100.0	100.0	99.9	98.6	88.5	73.5	58.9	44.4	17.7	74.4	2400
SEP		99.9	99.9	99.9	98.0	89.9	78.0	67.2	55.9	30.5	78.6	2250
OCT		100.0	100.0	99.3	94.0	82.5	69.2	57.0	41.7	23.3	72.5	2321
NOV		100.0	100.0	98.6	93.2	84.6	73.4	59.4	44.5	14.8	72.8	2229
DEC		100.0	100.0	99.3	95.1	88.9	81.6	71.1	59.3	41.0	79.9	2128
TOTALS		100.0	99.9	98.8	94.6	85.7	73.1	59.4	44.4	22.8	73.8	26874

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 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											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	50.0	50.0	83.0	2
	06-08	100.0	100.0	100.0	99.6	99.1	98.4	91.7	77.5	54.5	88.4	448
	09-11	100.0	100.0	99.4	97.1	90.6	81.3	69.2	51.7	28.8	77.7	646
	12-14	100.0	99.8	95.9	86.4	75.9	63.4	47.0	31.7	18.0	57.3	640
	15-17	100.0	99.5	92.5	80.9	71.7	58.2	42.5	27.8	16.4	64.9	414
	18-20	100.0	100.0	100.0	100.0	96.1	89.5	80.3	65.8	42.1	82.6	76
	21-23	100.0	100.0	100.0	100.0	100.0	84.2	63.2	47.4	36.8	79.0	19
TOTALS		100.0	99.9	98.3	94.9	90.5	82.1	70.6	50.3	35.2	77.6	2245

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03931 (STATION) FLRT POLK AAF LOUISIANA (STATION NAME) 67-76 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (I S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.2	98.7	95.2	84.5	72.2	42.6	85.3	399
	09-11	100.0	100.0	99.5	94.7	80.4	64.9	47.9	29.5	15.8	68.8	570
	12-14	100.0	100.0	95.2	73.3	53.5	38.1	26.5	14.3	8.3	56.3	565
	15-17	100.0	99.4	91.6	68.9	50.7	33.9	22.4	13.4	7.3	54.2	357
	18-20	100.0	100.0	100.0	97.3	89.2	81.1	67.6	29.7	13.5	72.7	37
	21-23	100.0	100.0	100.0	100.0	97.0	93.9	81.8	63.6	30.3	81.9	33
TOTALS		100.0	99.9	97.7	88.9	78.3	67.9	55.1	37.1	19.6	69.9	1961

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		86.0	1
	06-08	100.0	100.0	100.0	99.6	98.5	93.5	88.0	73.8	44.5	85.9	474
	09-11	100.0	100.0	97.8	92.2	83.1	69.9	51.8	31.6	12.3	69.8	651
	12-14	100.0	99.1	91.0	79.5	63.8	46.6	28.0	15.5	6.7	58.6	644
	15-17	100.0	99.3	87.3	73.6	57.9	39.4	25.9	15.7	8.2	56.4	401
	18-20	100.0	100.0	98.2	89.5	75.4	66.7	35.1	22.8	7.0	64.5	57
	21-23	100.0	100.0	98.2	96.4	92.9	80.4	66.1	44.6	17.9	75.2	56
TOTALS		100.0	99.8	96.6	91.2	84.0	74.6	61.9	50.5	24.6	74.6	2285

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	50.0				60.5	2
	03-05											
	06-08	100.0	100.0	100.0	99.8	98.4	93.3	86.3	67.6	33.9	83.7	490
	09-11	100.0	100.0	99.2	93.4	80.3	64.6	47.2	25.8	8.5	67.5	655
	12-14	100.0	99.2	94.3	79.9	60.3	39.9	20.7	11.8	5.1	56.8	652
	15-17	100.0	98.7	87.8	73.1	54.9	33.4	18.4	10.9	4.7	54.1	386
	18-20	100.0	100.0	100.0	100.0	91.3	82.6	67.4	39.1	8.7	75.1	46
	21-23	100.0	100.0	100.0	100.0	100.0	87.5	78.1	62.5	21.9	81.6	32
TOTALS		100.0	99.7	97.3	92.3	83.6	64.5	45.4	31.1	11.8	68.5	2263

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 PERIOD | MAY MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	50.0	88.5	2
	06-08	100.0	100.0	100.0	99.8	98.9	93.6	84.5	68.4	31.7	83.9	640
	09-11	99.8	99.8	98.9	94.0	80.1	56.5	33.4	14.3	4.7	63.5	637
	12-14	100.0	100.0	97.2	81.3	56.5	30.6	16.3	9.8	4.2	55.3	643
	15-17	100.0	100.0	96.1	82.4	52.3	29.3	18.8	11.7	5.1	55.0	256
	18-20	100.0	100.0	100.0	95.1	81.7	68.3	45.1	19.5	7.3	67.6	82
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	95.7	56.5	17.4	83.4	23
TOTALS		100.0	100.0	98.9	93.2	81.4	68.3	56.3	40.0	17.2	71.0	2283

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (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											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	98.6	90.8	70.2	32.6	85.3	628
	09-11	100.0	100.0	99.7	98.1	90.3	64.5	27.2	10.0	3.4	64.8	640
	12-14	100.0	100.0	99.5	93.3	64.1	26.4	14.3	8.4	3.4	56.5	643
	15-17	100.0	100.0	98.9	88.8	59.0	26.9	16.4	9.0	5.2	55.8	268
	18-20	100.0	100.0	100.0	100.0	91.3	73.8	47.5	17.5	6.3	69.3	80
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	84.6	69.2	23.1	84.2	13
TOTALS		100.0	100.0	99.7	96.7	84.1	65.0	46.8	30.7	12.3	69.3	2272

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (PERIOD) Jul (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.3	3
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	96.8	78.8	37.3	87.7	622
	09-11	100.0	100.0	100.0	99.8	96.0	80.0	35.8	10.5	2.9	67.8	631
	12-14	100.0	100.0	99.7	97.8	75.2	38.1	16.2	8.3	2.9	59.4	624
	15-17	100.0	100.0	99.6	95.4	74.0	42.7	24.8	14.5	5.0	61.0	262
	18-20	100.0	100.0	100.0	100.0	98.8	91.6	66.3	41.0	2.4	75.5	83
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	25.0	85.5	12
TOTALS		100.0	100.0	99.9	99.0	92.0	78.8	62.8	46.9	25.1	76.2	2237

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 PERIOD | AUG MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
ALG	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	33.3	92.3	3
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	96.4	81.1	41.7	88.4	660
	09-11	100.0	100.0	99.9	99.6	96.4	75.3	32.7	9.2	2.8	67.2	685
	12-14	100.0	100.0	100.0	97.0	70.0	30.3	14.5	8.5	3.6	58.1	660
	15-17	100.0	100.0	99.3	93.4	59.2	34.9	19.9	11.0	3.7	58.0	272
	18-20	100.0	100.0	100.0	100.0	94.1	80.4	59.8	34.3	10.8	73.3	102
	21-23	100.0	100.0	100.0	100.0	100.0	94.4	88.9	66.7	27.8	83.4	18
TOTALS		100.0	100.0	99.9	98.6	88.5	73.5	58.9	44.4	17.7	74.4	2400

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.4	5
	06-08	99.8	99.8	99.8	99.8	99.7	99.0	95.9	87.6	57.4	90.6	612
	09-11	99.8	99.8	99.8	99.4	94.7	79.6	52.3	27.8	10.2	71.9	618
	12-14	100.0	100.0	99.8	94.0	73.1	42.6	23.7	14.3	6.2	61.0	617
	15-17	100.0	100.0	99.6	92.9	65.8	41.3	24.2	18.6	7.1	60.9	269
	18-20	100.0	100.0	100.0	100.0	96.3	83.5	74.3	53.2	17.4	78.6	109
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	15.0	88.6	20
TOTALS		99.9	99.9	99.9	99.0	89.9	78.0	67.2	55.9	30.5	78.6	2250

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-76 PERIOD | OCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.5	97.1	92.4	76.8	53.8	88.5	595
	09-11	100.0	100.0	99.7	97.4	85.6	66.1	44.3	25.4	9.6	68.4	654
	12-14	100.0	100.0	98.4	84.9	58.1	31.1	18.7	12.1	5.5	56.6	637
	15-17	100.0	100.0	97.4	81.8	54.5	33.7	19.8	13.2	5.9	56.4	303
	18-20	100.0	100.0	100.0	100.0	97.2	87.2	67.0	35.8	12.8	75.3	109
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.0	52.2	89.7	23
TOTALS		100.0	100.0	99.3	94.0	82.5	69.2	57.0	41.7	23.3	72.5	2321

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		87.0	1
	03-05											
	06-08	100.0	100.0	99.5	99.5	99.0	95.2	87.2	69.9	42.3	85.4	392
	09-11	100.0	100.0	99.2	95.5	83.8	63.7	42.7	25.2	8.7	67.5	606
	12-14	100.0	100.0	95.4	80.8	58.1	35.8	18.7	12.7	5.8	56.3	604
	15-17	100.0	100.0	96.0	77.6	55.9	36.6	23.7	12.9	5.8	56.4	451
	18-20	100.0	100.0	100.0	99.1	97.3	90.1	66.7	37.8	18.9	76.6	111
	21-23	100.0	100.0	100.0	100.0	98.4	92.2	76.6	53.1	21.9	80.2	64
TOTALS		100.0	100.0	98.6	93.2	84.6	73.4	59.4	44.5	14.8	72.9	2229

DATA PROCESSING PRACTICE
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

02931 STATION | FORT POLK AAF LOUISIANA STATION NAME | 67-7A 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%	%	90%		
DEC	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.7	3
	06-08	100.0	100.0	100.0	99.3	99.3	96.8	90.6	79.8	50.0	87.7	406
	09-11	100.0	100.0	99.8	97.9	90.7	77.0	60.5	46.3	24.8	75.7	622
	12-14	100.0	100.0	98.1	86.7	69.8	56.1	42.2	30.6	17.2	65.5	592
	15-17	100.0	100.0	97.1	81.0	68.1	55.8	40.8	26.2	15.9	64.2	385
	18-20	100.0	100.0	100.0	100.0	94.7	89.4	78.7	62.8	39.4	82.5	94
	21-23	100.0	100.0	100.0	100.0	100.0	96.2	84.6	69.2	38.5	84.7	26
TOTALS		100.0	100.0	99.3	95.1	88.9	81.6	71.1	59.3	41.0	79.9	2126

USAFETAC FORM JUL 64 7-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

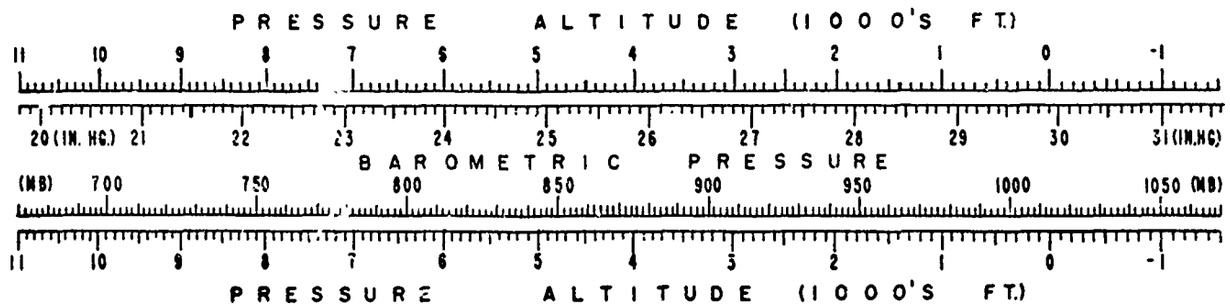
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

74-29967

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

03931 — STATION
FORT POLK AAF LOUISIANA — STATION NAME
67-76 — YEARS

HRS. (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN			29.340	29.715									29.590
	S.D													
	TOTAL OBS			1	2									3
03	MEAN	29.810												29.810
	S D.													
	TOTAL OBS	1												1
06	MEAN	29.713	29.748	29.646	29.646	29.638	29.629	29.702	29.681	29.659	29.726	29.630	29.617	29.671
	S. D.	.104	.244	.144	.171	.120	.085	.070	.073	.108	.127		.139	.114
	TOTAL OBS	20	26	42	63	210	202	205	219	203	182	2	4	1378
09	MEAN	29.825	29.804	29.709	29.690	29.660	29.655	29.724	29.712	29.688	29.756	29.813	29.787	29.734
	S D	.190	.189	.180	.162	.122	.083	.072	.096	.106	.132	.174	.185	.157
	TOTAL OBS	220	195	221	218	213	217	211	226	209	223	200	209	2562
12	MEAN	29.815	29.737	29.693	29.670	29.641	29.642	29.709	29.689	29.667	29.726	29.778	29.758	29.714
	S. D.	.181	.183	.171	.157	.121	.099	.070	.070	.109	.131	.173	.183	.153
	TOTAL OBS	217	195	222	219	218	216	207	222	208	214	203	213	2554
15	MEAN	29.751	29.723	29.637	29.622	29.595	29.594	29.664	29.639	29.614	29.672	29.725	29.705	29.661
	S. D.	.183	.183	.171	.155	.119	.086	.075	.070	.104	.130	.171	.177	.150
	TOTAL OBS	219	190	218	216	209	212	205	216	206	207	208	185	2491
18	MEAN	29.760	29.627	29.635	29.555	29.565	29.557	29.692	29.665	29.649	29.695	29.759	29.772	29.676
	S D.	.226		.266	.156	.103	.072	.061	.058	.077	.116	.192	.184	.153
	TOTAL OBS	20	3	13	10	30	23	29	33	35	34	37	36	303
21	MEAN	29.825	29.757	29.640	29.655	29.574	29.620	29.707	29.696	29.655	29.705	29.789	29.890	29.711
	S D.	.147	.225	.212	.139	.087	.089	.052	.063	.083	.101	.169	.208	.172
	TOTAL OBS	8	14	25	20	19	12	12	15	19	14	43	18	219
ALL HOURS	MEAN	29.794	29.770	29.675	29.658	29.630	29.628	29.699	29.680	29.657	29.719	29.771	29.756	29.698
	S D	.186	.191	.178	.160	.122	.091	.074	.082	.109	.133	.174	.186	.152
	TOTAL OBS	705	623	742	748	899	882	869	931	880	874	693	665	9511

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

03931 (STATION) FORT POLK AAF LOUISIANA (STATION NAME) 67-76 (YEARS)

HRS (L S T.)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC.	ANNUAL
00	MEAN			1006.4										1006.4
	S D													
	TOTAL OBS			1										1
03	MEAN	1022.5												1022.5
	S D													
	TOTAL OBS	1												1
06	MEAN	1018.0	1018.6	1015.1	1016.0	1015.5	1015.4	1017.8	1017.0	1016.4	1018.6		1014.9	1016.7
	S D.	3.366	7.799	5.839	5.696	4.289	2.835	2.396	2.456	3.414	4.352		4.759	3.888
	TOTAL OBS	20	25	42	62	205	199	202	217	198	178		4	1352
09	MEAN	1020.4	1019.5	1016.2	1017.6	1016.4	1016.2	1018.6	1017.9	1017.4	1019.7	1021.7	1020.7	1018.5
	S D	8.740	8.714	7.779	5.444	4.232	2.815	2.392	2.553	3.670	4.579	6.156	6.289	5.961
	TOTAL OBS	211	188	216	209	204	209	197	216	196	209	192	196	2443
12	MEAN	1019.9	1019.1	1015.6	1016.8	1015.8	1015.7	1018.0	1017.3	1016.6	1018.6	1020.5	1019.6	1017.8
	S D	8.554	8.565	7.667	5.417	4.213	3.035	2.419	2.357	3.744	4.476	6.059	6.197	5.851
	TOTAL OBS	209	190	213	212	208	209	202	212	200	208	194	195	2452
15	MEAN	1017.9	1017.2	1014.0	1015.2	1014.3	1014.1	1016.5	1015.6	1014.5	1016.7	1018.7	1018.1	1016.0
	S D.	8.199	7.959	6.957	5.303	4.058	2.859	2.510	2.341	5.151	4.373	5.828	6.136	5.676
	TOTAL OBS	209	187	214	209	207	207	202	214	203	204	196	178	2430
18	MEAN					1012.8	1013.1	1017.0	1016.1	1015.8	1017.9	1022.1	1021.0	1016.7
	S.D					4.380	1.802	2.433	1.805	2.840	4.755	4.578	5.581	4.499
	TOTAL OBS					13	20	21	20	19	19	17	9	138
21	MEAN											1024.1	1022.9	1023.7
	S D.											3.714	5.253	4.238
	TOTAL OBS											17	9	26
ALL HOURS	MEAN	1019.4	1018.6	1015.3	1016.5	1015.4	1015.3	1017.7	1016.9	1016.2	1018.4	1020.4	1019.6	1017.3
	S D	8.439	8.431	7.430	5.491	4.276	2.936	2.538	2.350	4.162	4.574	6.065	6.267	5.649
	TOTAL OBS	650	590	686	692	837	844	824	879	816	818	616	591	8843