

AD A 074685

USAFETAC/DS-79/045

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORT BELVOIR VA/DAVISON AAF WBAN# 93728
N 38 43 W 077 11 ELEV 79 FT KDAW WMC#

PARTS A-F

PCR FROM HOURLY OBS FEB 57-DEC 70
PCR FROM DAILY OBS FEB 57-DEC 70

SEP 07 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

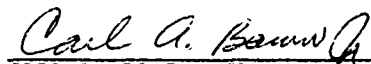
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Chief, Data Reference Section
Climatological Services Branch

FOR THE COMMANDER


WALTER S. BURGMANN
Scientific & Technical
Information Officer

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DDC ACCESSION NUMBER

USAFETAC/DS-79/045

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS-79/045	2 GOVT ACCESSION NO	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Fort Belvoir Alexandria, Virginia		5 TYPE OF REPORT & PERIOD COVERED Final rept.
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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 Belvoir, Alexandria, Virginia It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM
1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

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

* Virginia

* Fort Belvoir VA

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

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DATA PROCESSING DIVISION
USAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS:

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

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

STATION NO ON SUMMARY 93728		STATION NAME FORT BELVOIR VA/DAVISON AAF		LATITUDE N 38 43		LONGITUDE W 077 11		STATION ELEV (FT) 79		CALL SIGN KDAA		WMO NUMBER	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		GDS PER DAY				
			FROM	TO			STATION (FT)	BAROMETER					
1	Ft Belvoir va/Davison AAF	AAF	Feb 57	Feb 60	N 38 43	W 077 11	65	67 ft.	24				
2	Same	Same	Mar 60	Feb 63	Same	Same	77	Same	24				
3	Same	Same	Mar 63	11 May 66	Same	Same	79	Same	24				
4	Same	Same	12 May 66	Dec 70	Same	Same	Same	88 ft.	24				
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
1	Feb 57	Located 125 ft S of rnwy, 1405 ft from SE end.	AN/GMQ-1	ML 204A (Wind Panel)	28 ft.								
2	Mar 59	Located 416 ft N of centerline, 925 ft from SE end (approach end).	AN/GMQ-11	RO-2	29 ft.								
3	Mar 60	Located on roof of operations bldg	AN/GMQ-1	Same	20 ft.								
4	Mar 62	320 ft from rnwy centerline and 1360 ft from SE end.											
	to Apr 66	1. Located 600 ft NNW of approach end of rnwy 31, 200 ft NE of center line. 2. Same as location 3 above (back-up equipment).	AN/GMQ-11	Same	15 ft.								
			AN/GMQ-1		20 ft								

USAFETAC FORM 0-19 (OL A)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
5	May 66 to Dec 70	Located 600 ft NNE of approach end of runway 31, 200 ft NE of centerline.	AN/GMQ-11	Same	15 ft.	

DATA PROCESSING DIVISION
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ASHEVILLE, NORTH CAROLINA

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.

Occurrences of 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 - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

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 total columns.

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-WEAN sources.)

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

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

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

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USAF ETAC
AIR EATER SERVICE/MAC

WEATHER CONDITIONS

93726 FORT BELVOIR VA/DAVISON AAF

57-70

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WIT. OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL	.0	7.5	.4	4.4		11.9	11.9	9.9	.6		20.6	9672
FEB		.0	9.4	.7	5.0		14.6	14.9	9.2	.5		22.7	9467
MAR		.1	10.7		2.9	.0	13.2	13.0	10.0	.2		21.8	10415
APR		.5	11.7		.2	.0	11.9	12.2	6.8		.0	17.8	10076
MAY		1.3	8.5			.0	8.5	12.2	10.2		.0	20.5	10416
JUN		1.5	5.8			.0	5.8	9.9	18.3			24.0	10079
JUL		1.6	5.4			.0	5.4	11.6	24.4		.0	30.3	10414
AUG		1.5	5.2			.0	5.2	12.7	26.2			32.5	10403
SEP		.6	6.9				6.9	14.9	18.4			28.1	10079
OCT		.1	7.1				7.1	13.6	13.6			23.6	10414
NOV		.1	9.0		.7		9.5	12.6	12.0	.0		21.9	10079
DEC		.5	7.7	.6	3.4		11.4	14.4	11.3	.3		23.9	10411
TOTALS		.6	7.9	.1	1.4	.0	9.3	12.0	14.2	.1	.0	24.0	121926

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WEATHER CONDITIONS

9372R

FORT BELVOIR VA/DAVISON AAF

58-70

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	00-02		7.4	.4	3.2		11.0	11.4	6.9	.6		17.2	1209
	03-05	.1	6.9	.7	3.6		10.8	12.0	7.3	.4		19.1	1209
	06-08		7.3	.7	4.2		12.0	17.0	11.6	.4		25.6	1209
	09-11		8.5	.4	4.9		13.2	15.4	17.7	.4		30.9	1209
	12-14	.2	8.7		5.7		14.1	9.6	10.7	.7		20.5	1209
	15-17		7.2	.2	5.4		12.3	9.7	8.5	.7		17.6	1209
	18-20		6.7	.3	4.7		11.1	10.3	8.5	.5		18.2	1209
	21-23		7.5	.6	3.1		10.7	10.0	7.8	.7		17.0	1209
TOTALS		.6	7.2	.4	4.4		11.9	11.9	9.9	.6		20.6	9672

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WEATHER CONDITIONS

93728

FORT BELVOIR V4/DAVISON AAF

57-70

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		9.3	.5	4.7		13.5	16.0	5.2	.4		20.5	1182
	03-05		9.6	.9	4.3		14.5	16.9	6.0	.7		22.2	1182
	06-08		9.1	1.4	4.7		14.8	20.0	9.8	.7		26.6	1185
	09-11		8.1	.7	5.8		14.4	17.6	14.9	.0		29.8	1185
	12-14		8.9	.5	6.1		14.6	11.9	13.0	.7		23.9	1181
	15-17	.1	10.2	.3	4.8		14.6	10.7	10.4	.3		20.1	1182
	18-20		10.0	.6	5.1		15.2	12.2	8.9	.2		20.0	1185
	21-23		10.1	.8	4.7		14.9	13.8	5.1	.3		18.3	1185
TOTALS		.0	9.4	.7	5.0		14.6	14.9	9.2	.5		22.7	9467

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93726 FORT BELVOIR VA/DAVISON AAF

57-70

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.2	10.8		3.0		13.4	13.3	7.1	.3		19.4	1302
	03-05	.1	10.8		2.8		13.2	15.2	6.2	.4		20.4	1302
	06-08		11.2		3.1	.1	13.7	20.4	15.4	.3		32.3	1302
	09-11		10.3		2.8		12.6	14.1	13.7	.3		26.5	1302
	12-14		8.9		3.3		11.8	8.8	10.8	.2		19.0	1302
	15-17	.2	11.8		3.0		13.2	9.1	8.9	.2		17.7	1302
	18-20	.2	11.3		2.6		13.7	10.7	10.2	.2		20.4	1302
	21-23	.3	11.7		2.8		13.7	12.1	7.5			18.6	1302
TOTALS		.1	10.7		2.9	.0	13.2	13.0	10.0	.2		21.8	10416

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93728

FORT BELVOIR VA/DAVISON AAF

57-70

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING- RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.5	10.2		.4		10.4	11.4	3.7			14.0	1259
	03-05	.3	11.5		.2		11.8	15.6	4.9			18.8	1256
	06-08	.1	12.5		.2		12.7	20.6	13.4			29.9	1260
	09-11	.1	10.9		.2		10.9	11.3	9.3			19.3	1260
	12-14	.4	11.7		.2		11.7	8.7	6.7			14.6	1260
	15-17	1.0	13.3		.2	.1	13.3	7.6	6.8		.1	13.7	1260
	18-20	1.0	11.9		.2		12.1	9.9	6.0			14.5	1260
	21-23	.4	11.7		.2		11.9	12.2	3.5			14.7	1259
TOTALS		.5	11.7		.2	.0	11.9	12.2	6.8		.0	17.5	10076

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AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

93728

FORT BELVOIR VA/DAVISON AAF

57-70

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02	.6	9.3				9.3	14.6	8.7			21.1	1302
	03-05	.2	6.4				8.4	23.7	12.4			30.9	1302
	06-08		9.8				9.8	20.7	17.7			34.3	1302
	09-11		7.7				7.7	8.2	11.3			18.8	1302
	12-14	.5	7.1			.1	7.1	6.0	7.5			13.1	1302
	15-17	2.4	9.2				9.2	4.5	7.5			11.7	1302
	18-20	2.2	7.8				7.8	7.8	8.9		.1	19.7	1302
	21-23	2.1	8.3				6.3	12.1	7.6			18.3	1302
TOTALS		1.0	8.5			.0	8.5	12.2	10.2		.0	20.5	10416

3

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93722

FORT BELVOIR VA/CAVISON AAF

57-70

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.0	5.2				5.2	11.4	18.8			25.7	1259
	03-05	.2	5.1				5.1	23.7	24.4			37.1	1260
	06-08		6.1				6.1	19.4	28.2			38.4	1260
	09-11	.1	3.9				3.9	5.0	17.0			20.8	1260
	12-14	.6	5.4				5.4	3.3	11.7			13.9	1260
	15-17	3.1	6.3				6.3	2.7	11.0			13.0	1260
	18-20	3.2	7.2			.1	7.2	5.1	14.4			17.7	1260
	21-23	3.6	6.9				6.9	8.6	20.5			25.2	1260
TOTALS		1.2	5.8			.0	5.8	9.9	18.3			24.0	10079

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93728

FORT BELVOIR VA/DAVISON AAF

57-70

JUL

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.
JUL	00-02	.5	4.4				4.4	15.8	23.5			30.8	1300
	03-05	.6	4.9				4.9	25.9	27.9			40.1	1302
	06-08	.2	4.5				4.5	24.7	36.3			47.5	1302
	09-11		4.1				4.1	5.1	25.6			29.3	1302
	12-14	.5	6.1				6.1	2.7	18.6			20.8	1302
	15-17	4.5	7.5				7.5	2.8	17.6			20.1	1302
	18-20	3.5	6.5			.1	6.5	5.0	20.4		.1	23.7	1302
	21-23	2.5	5.3				5.3	10.9	25.3		.1	30.3	1302
TOTALS		1.5	5.4			.0	5.4	11.6	24.4		.0	30.3	10414

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93725

FORT BELVOIR VA/DAVISON AAF

57-70

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	1.5	5.6				5.6	16.5	24.5			33.1	1301
	03-05	.2	5.0				5.0	25.6	29.4			41.5	1300
	06-08	.1	4.4				4.6	32.2	40.9			53.6	1299
	09-11	.2	4.9				4.9	5.6	32.4			35.7	1301
	12-14	.7	4.3				4.3	2.9	20.8			23.1	1300
	15-17	2.2	4.9				4.9	2.0	16.9			18.6	1300
	18-20	3.1	5.8			.1	5.8	4.7	21.8			24.6	1301
	21-23	3.6	6.4				6.4	11.5	23.1			29.3	1301
TOTALS		1.5	5.2			.0	5.2	12.7	26.2			32.5	10403

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93728

FORT BELVOIR VA/DAVISON AAF

57-70

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
SEP	00-02	.5	6.4				6.4	18.8	15.5			27.5	1260
	03-05	.2	7.0				7.0	25.0	17.4			35.2	1260
	06-08	.1	7.4				7.4	35.6	32.3			50.8	1260
	09-11		6.0				6.0	9.4	25.6			32.3	1260
	12-14	.3	6.4				6.4	4.5	14.8			19.1	1259
	15-17	1.4	7.1				7.1	4.7	10.9			15.0	1260
	18-20	.0	8.1				8.1	8.5	13.5			19.8	1260
	21-23	1.3	6.8				6.8	12.9	17.4			25.0	1260
TOTALS		.6	6.9				6.9	14.9	18.4			28.1	10079

3 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93778
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

UCT
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.
UCT	00-02	.1	6.6				6.6	13.8	13.1			24.0	1302
	03-05	.1	6.2				6.2	22.3	12.2			30.6	1302
	06-08	.1	8.1				8.1	32.7	23.2			43.3	1301
	09-11		8.0				8.0	13.1	18.8			28.0	1301
	12-14	.1	8.1				8.1	6.6	8.5			14.4	1302
	15-17	.3	6.8				6.8	4.5	7.3			11.4	1302
	18-20		6.1				6.1	6.4	11.6			16.7	1302
	21-23	.2	6.6				6.6	9.1	13.7			20.3	1302
TOTALS		.2	7.1				7.1	13.6	13.6			23.6	10414

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93726

FORT BELVOIR VA/JAVISON AAF

57-70

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	.1	3.5		.5		8.8	12.1	11.7			21.2	1260
	03-05		8.8		.3		9.0	15.2	11.9			23.7	1260
	06-08		9.7		.7		10.2	24.4	16.3			33.7	1260
	09-11		9.5		1.0		10.2	14.2	17.6			29.2	1259
	12-14	.1	9.0		1.0		10.1	8.2	10.1	.1		17.5	1260
	15-17	.4	9.1		.6		9.7	8.0	8.6			15.6	1260
	18-20	.3	8.1		.5		8.5	8.2	9.4			16.1	1260
	21-23	.1	9.1		.6		9.5	10.5	10.1			18.1	1260
TOTALS		.1	9.0		.7		9.5	12.6	12.0	.0		21.9	10079

3

DATA PROCESSING DIVISION
 USAF ETAC
 AIR EATER SERVICE/MAC

WEATHER CONDITIONS

95788

FORT BELVOIR VA/CAVISON AAF

57-70

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
DEC	00-02		6.8	1.3	2.8		10.3	13.7	8.2	.2		20.2	1302
	03-05		7.8	.8	3.1		11.2	14.6	9.7	.4		23.3	1302
	06-08		8.1	.3	3.5		11.5	19.2	13.4	.3		29.0	1302
	09-11		7.0		4.9		11.6	16.4	19.3	.3		32.3	1301
	12-14		7.7	.1	4.6		12.1	11.9	11.0	.2		21.8	1299
	15-17	.1	8.6	.5	3.5		12.5	11.5	10.5	.2		21.2	1301
	18-20		8.7	.8	2.7		11.9	13.8	9.4	.2		22.1	1302
	21-23		6.7	1.1	2.3		9.8	14.1	8.6	.4		21.6	1302
TOTALS		.1	7.7	.6	3.4		11.4	14.4	11.3	.3		23.9	10411

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms 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 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 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 columns may not equal the total columns.

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

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

1 DATA PROCESSING DIVISION
3 USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
XX WEATHER CONDITIONS XX
ATMOSPHERIC PHENOMENA

93726

FORT BELVOIR VA/DAVISON AAF

57-70

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	.7	28.0	3.0	19.4		39.7	33.7	40.4	2.5		51.4	403
FEB		.3	35.4	4.6	27.1		47.6	37.7	38.7	2.5		50.9	395
MAR		2.8	41.7	.2	15.0	.5	47.5	38.2	41.5	1.2		51.8	434
APR		9.3	48.1		1.4	.7	48.6	39.8	34.8			50.2	420
MAY		14.7	47.9		.2	1.2	48.2	46.5	48.8			59.0	434
JUN		20.0	40.0			.5	40.0	46.7	57.9			65.0	420
JUL		22.6	43.3			.7	43.3	52.3	65.1			68.9	434
AUG		19.8	39.2			.2	39.2	54.8	68.0		.2	72.1	434
SEP		8.3	32.0				32.9	56.9	59.3			67.4	420
OCT		3.0	29.3			.2	29.3	48.6	51.2			59.9	434
NOV		2.4	39.3		5.0	.5	41.2	42.6	41.9	.2		55.7	420
DEC		.2	32.5	4.4	19.6	.2	41.9	37.1	40.1	.9		51.6	434
TOTALS		8.7	38.1	1.0	7.3	.4	41.6	44.6	48.8	.6	.0	58.7	5082

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,
~~XX~~

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

93741 FORT BELVOIR VA/DAVISON AAF 57-70

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-03	06-10	11-23	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	58.6	10.7	2.0	6.2	4.2	7.9	5.5	3.5	1.5					30.8	403	2.53	4.05	.77	
FEB	51.6	15.4	3.5	5.3	3.3	7.6	4.6	6.8	1.8					32.9	395	2.85	4.94	.90	
MAR	51.6	14.5	2.8	5.8	3.5	8.1	5.1	6.7	2.1					33.9	434	3.42	5.18	1.59	
APR	51.8	12.3	2.3	7.7	4.9	8.7	5.6	5.6	1.0					35.9	390	2.82	4.89	.96	
MAY	51.6	14.7	3.2	6.9	4.6	7.1	6.5	3.7	1.6					33.6	434	2.81	5.56	.90	
JUN	58.6	12.6	2.4	4.8	4.0	4.5	6.7	4.8	1.7					28.8	420	2.72	5.89	1.03	
JUL	54.8	14.1	3.2	4.4	3.2	7.6	4.4	6.2	1.6	.5				31.1	434	3.57	8.65	.75	
AUG	59.4	10.4	2.3	4.8	3.7	6.0	4.8	5.1	3.2	.2				30.2	434	3.98	8.64	1.20	
SEP	66.2	7.6	2.6	5.5	3.1	3.1	4.3	4.8	2.4	.5				28.2	420	3.31	9.24	.90	
OCT	69.8	8.1	2.3	4.1	4.1	3.5	2.3	4.1	1.2	.5				22.1	434	2.38	4.50	.05	
NOV	58.3	12.6	3.3	6.0	1.9	6.7	4.3	4.3	2.4	.2				29.0	420	3.00	7.06	.50	
DEC	57.1	12.4	4.1	4.4	4.1	5.3	3.5	5.8	3.2					30.4	434	3.44	7.34	.58	
ANNUAL	57.4	12.1	2.8	5.5	3.7	6.3	4.8	5.1	2.0	.2				30.4	5052	36.83			

EXTREME VALUES

23724 STATION FORT BELVOIR VA/DAVISON AAF 57-70

24 HOUR AMOUNTS IN INCHES

[illegible]

USAF ETAC FORM 88-5 (OLI)

EXTREME VALUES

93778 FORT BELVOIR VA/DAVISON AAI 57-7C
STATION STATION NAME

[illegible]

DATA PROCESSING DIVISION
USAF LTAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

937211
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0101	0514	1524	2534	3544	4564	65104	105154	155254	255504	OVER 504						
SNOW DEPTH	NONE	TRACE	1	2	3	4	712	1324	2536	3748	4960	61120	OVER 120						
JAN	81.5	10.6	2.1	2.3	1.8	.3		.6	.6			.3			7.9	341	6.4	35.0	TRACE
FEB	73.3	15.5	3.8	1.6	2.7			.3	1.4	1.1	.3				11.2	367	8.3	21.2	TRACE
MAR	85.5	7.8	1.6	1.6	1.2			.5	.7	.9	.2				6.7	434	6.2	26.2	TRACE
APR	98.6	.7	.5		.2										.7	420	.2	2.0	.0
MAY	99.8	.2														434	TRACE	TRACE	.0
JUN	100.0															420	.0	.0	.0
JUL	100.0															434	.0	.0	.0
AUG	100.0															434	.0	.0	.0
SEP	100.0															420	.0	.0	.0
OCT	100.0															434	.0	.0	.0
NOV	95.0	4.0		.2	.5	.2									1.0	420	.6	4.3	.0
DEC	79.3	12.4	1.6	3.0	.8	.5	.3	1.3	.3	.5					8.3	392	7.1	24.8	TRACE
ANNUAL	92.7	4.3	.8	.7	.6	.1	.1	.3	.2	.1	.0				3.0	4930	28.8		

3

3

3

57-70

STATION

STATION NAME

YEARS

3

1

3

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4

57-70

STATION

STATION NAME

YEARS

6

1304

USAF ETAC FORM 0-88-5 (Olt)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

2372K STATION FORT BELVOIR VA/DAVISON AAF 57-70 YEARS

	AMOUNTS (INCHES)														PERCENT OF D.A.S WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	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	74.2	3.5	7.4	5.2	3.0	4.2	2.0	.5						22.3	403				
FEB	72.7	4.1	5.3	4.3	4.1	5.8	2.8	1.0						23.3	395				
MAR	90.1	1.8	1.4	2.3	.9	2.3	1.2							8.1	434				
APR	100.0														420				
MAY	100.0														434				
JUN	100.0														420				
JUL	100.0														434				
AUG	100.0														434				
SEP	100.0														420				
OCT	100.0														434				
NOV	99.5	.2		.2										.2	420				
DEC	78.3	6.2	4.4	2.8	1.8	4.6	1.6	.2						15.4	434				
ANNUAL	92.9	1.3	1.5	1.2	.8	1.4	.6	.1						5.8	5082				

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93728 FORT BELVOIR VA/DAVISON AAF 57-70

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57		1	0	0	0	0	0	0	0	0	0	5	
58	TRACE	15	5	0	0	0	0	0	0	0	0	1	15
59	3	0	0	0	0	0	0	0	0	0	0	TRACE	3
60	TRACE	5	9	0	0	0	0	0	0	0	0	7	9
61	9	14	0	0	0	0	0	0	0	0	2	TRACE	14
62	2	3	4	0	0	0	0	0	0	0	TRACE	5	4
63	5	2	TRACE	0	0	0	0	0	0	0	0	5	4
64	9	3	5	0	0	0	0	0	0	0	0	0	9
65	4	3	1	0	0	0	0	0	0	0	0	0	4
66	24	16	0	0	0	0	0	0	0	0	0	13	24
67	2	8	0	0	0	0	0	0	0	0	0	5	8
68	3	0	3	0	0	0	0	0	0	0	0	0	3
69	0	2	4	0	0	0	0	0	0	0	0	5	5
70	2	3	0	0	0	0	0	0	0	0	0	1	3
MEAN	4.8	5.7	2.2	.0	.0	.0	.0	.0	.0	.0	.1	3.6	8.5
S.D	6.474	5.608	2.833	.000	.000	.000	.000	.000	.000	.000	.535	4.067	6.118
TOTAL OBS	403	395	434	420	434	420	434	434	420	434	420	434	5082

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

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 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "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 direction and speed, and in addition the mean wind speed 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 VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: 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.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SUBJECT WINDS
(FROM DAILY OBSERVATIONS)

93722 FORT BELVOIR MO/DAVISON AAF

28-59, 61-70

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH/ YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
1													
2	W 31NW 44NW 41NW 32NW 27NW 22S 20												
3	W 34NW 20NW 33					W 20SE 31NW 25NW 27NW 31							
4	W 45NW 36W 34WSW 49NW 32NW 38							W 28W 27NW 33					
5	W 45NW 47S 43W 36W 34W 29NW 24								W 25W 33NW 28W 37				
6	W 37NW 37NW 37NW 45NW 27W 42W 41NW 45SW 31NW 29NW 40W 34												W 45
7	W 41NW 30W 45W 35W 35W 31W 33NW 26NE 25NW 32W 34W 31												W 45
8	W 45NW 41W 31NW 38NW 31NW 25W 43W 25NE 26												
9	W 39W 31W 43W 43W 20W 45W 31W 37 17/ 24B 1/ 31B 5/ 40W 43												W 43
10	W 38B 1/ 52B 0/ 40B 1/ 34W 1/ 30W 1/ 35B 2/ 48B 1/ 48B 1/ 44B 0/ 38B 3/ 38W 9/ 49												W 54
11	W 31/ 39W 9/ 43B 3/ 32W 1/ 29B 3/ 38B 1/ 40B 0/ 62B 0/ 32B 2/ 50B 0/ 33B 1/ 41B 2/ 50												W 62
MEAN	40.0	39.6	40.2	39.0	31.6	33.3	39.4	32.3	32.3	32.2	37.5	38.4	49.0
S D	3.887	7.382	5.013	5.612	3.575	5.051	12.176	0.000	11.402	2.587	4.408	6.640	8.044
TOTAL OBS.	303	276	304	263	272	293	307	273	267	273	232	333	3386

USAF ETAC FORM 0-85-5 (OUI)

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3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	1.0	2.1	1.5	.5	.0	.0						5.2	6.3
NNE	.5	.8	.4	.1	.0							1.8	5.2
NE	.5	.9	.5	.0	.0							2.0	5.2
ENE	.4	.6	.3	.0	.0							1.3	4.9
E	.9	1.2	.5	.1	.0							2.6	4.9
ESE	.7	.8	.3	.0								1.7	4.4
SE	.5	1.4	.7	.1	.0	.0						3.0	5.1
SSE	1.0	1.5	.7	.1								3.3	4.9
S	1.8	3.1	1.7	.2	.0							6.8	5.4
SSW	.7	1.5	.9	.1	.0	.0						3.2	5.6
SW	.6	1.1	.6	.1	.0	.0						2.4	5.5
WSW	.4	.5	.3	.0	.0	.0	.0					1.2	5.1
W	1.1	1.4	1.0	.4	.1	.0	.0					4.0	6.3
WNW	1.7	1.4	1.4	1.1	.3	.1	.0	.0				6.0	7.5
NW	1.7	2.4	3.1	2.1	.4	.1	.0	.0				9.8	8.3
NNW	.9	1.7	1.8	.9	.1	.0						5.5	7.5
VARBL													
CALM												40.1	
	14.8	22.5	15.5	5.8	1.0	.3	.0	.0				100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

121761

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

58-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.3	1.1	.3	.0							5.0	5.6
NNE	.9	.8	.5	.0								1.8	5.4
NE	.5	.8	.5	.0								1.9	5.3
ENE	.4	.4	.4	.0	.0							1.1	5.7
E	.5	.5	.2	.1								1.4	5.2
ESE	.9	.4	.0									1.0	3.4
SE	.6	.8	.2									1.6	4.2
SSE	.9	1.0	.2	.0								2.2	4.1
S	1.2	2.3	1.2	.1								5.3	5.0
SSW	.7	1.4	.8	.0								2.9	5.2
SW	.4	.8	.5	.0	.0							1.8	5.5
WSW	.2	.4	.2	.0								.9	4.7
W	1.0	1.4	.8	.6	.2	.1						4.0	7.2
WNW	1.7	1.7	1.9	1.9	.5	.2						7.9	8.7
NW	2.0	2.9	5.0	4.3	.7	.1	.0					15.0	9.1
NNW	1.1	1.8	2.7	1.3	.1	.0						7.0	7.7
VARBL													
CALM												39.2	
	13.9	19.8	16.3	6.7	1.6	.4	.0					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

9672

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

5372d
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	1.2	2.0	1.9	.5	.1							5.7	6.6
NNE	.6	.8	.5	.1	.0							2.0	5.1
NE	.8	.9	.6	.1								2.4	5.2
ENE	.5	.8	.2	.1								1.6	4.8
E	1.1	1.9	.4	.1	.0							3.1	4.8
ESE	.0	.9	.2	.0								1.7	4.4
SE	.0	1.4	.4	.1		.0						2.7	5.0
SSE	.6	1.1	.4	.1								2.1	5.1
S	1.1	2.1	1.2	.1								4.5	5.2
SSW	.9	.9	.7	.1	.0							2.3	5.8
SW	.4	.9	.7	.2	.0	.0						2.2	6.6
WSW	.3	.9	.3	.1								1.3	5.7
W	.9	1.4	1.5	.9	.1	.0						4.8	7.4
WNW	1.4	1.2	2.2	1.9	.0	.2						7.5	9.3
NW	1.3	2.0	5.1	4.6	1.3	.5	.1	.0				15.6	10.4
NNW	.7	1.9	2.0	1.7	.3	.1						7.5	8.9
VARBL													
CALM												33.0	
	13.0	21.0	18.9	10.6	2.5	.8	.1	.0				103.0	5.1

TOTAL NUMBER OF OBSERVATIONS 9396

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 03728 STATION NAME FORT BELVOIR VA/DAVISON AAF YEARS 57-70 MAR
MONTH
CLASS ALL WEATHER ALL
HOURS (L & T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.2	2.0	.8	.0	.0						6.2	6.7
NNE	.4	.8	.6	.0	.0							1.9	5.5
NE	.7	.9	.7	.1	.0							2.5	5.7
ENE	.4	1.0	.4	.1								1.9	5.2
E	1.2	1.8	.9	.2								4.1	5.2
ESE	.8	.8	.3	.0								1.9	4.5
SE	.7	1.2	.6	.1								2.6	5.4
SSE	.4	1.2	.6	.1								2.5	5.4
S	1.1	2.5	2.0	.4	.0							6.0	6.2
SSW	.4	1.1	1.0	.3	.0	.0						2.9	6.8
SW	.4	.9	.7	.2	.0	.0						2.1	6.5
WSW	.4	.6	.3	.2		.0	.0					1.6	6.1
W	.9	1.3	1.8	.8	.2	.0						5.1	7.7
WNW	1.6	1.7	1.9	2.2	.8	.2	.0					8.4	9.4
NW	1.4	2.8	4.2	3.3	.8	.3	.0					13.0	9.9
NNW	.9	2.1	2.0	1.9	.4	.2						8.0	9.0
VARBL													
CALM												29.3	
	13.8	22.9	20.6	10.7	2.5	.7	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 10326

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 93728 FORT BELVOIR VA/DAVISON AAF 57-70 APR
STATION NAME YEARS MONTH
CLASS ALL WEATHER
HOURS (L.S.T.) ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	1.9	.7	.0							5.2	7.3
NNE	.4	1.0	.4	.1								1.8	5.3
NE	.5	1.4	.6	.1								2.7	5.5
ENE	.6	1.0	.4	.0								2.0	4.3
E	1.5	2.0	1.0	.2								4.7	5.1
ESE	.9	1.3	.6	.1								2.9	5.0
SE	1.0	2.0	1.5	.2								4.6	5.8
SSE	.8	1.4	1.1	.2								3.9	5.8
S	1.5	3.1	2.3	.5	.0							7.5	5.1
SSW	.3	1.2	1.4	.5	.0							3.7	7.1
SW	.3	1.0	.9	.2								2.4	6.6
WSW	.4	.9	.4	.1	.0							1.4	6.1
W	.7	1.4	1.7	.9	.2	.1						5.0	8.1
WNW	1.2	1.2	1.9	1.6	.4	.1						6.3	8.8
NW	1.1	2.1	3.3	2.5	.5	.1						9.6	9.0
NNW	.5	1.3	1.9	1.3	.2	.0						5.2	8.7
VARBL													
CALM												31.2	
	12.4	24.4	21.2	9.2	1.4	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 10072

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93725
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	1.0	1.8	1.0	.5	.0							5.0	6.5
NNE	.6	1.1	.5	.1								2.7	5.1
NE	.7	1.6	.7	.1								3.1	5.2
ENE	.6	.8	.4	.0								1.9	4.7
E	1.1	1.8	.9	.1								4.0	5.1
ESE	.9	1.2	.5	.1								2.7	4.8
SE	1.0	1.9	1.5	.1								4.5	5.7
SSE	1.1	2.0	1.2	.2								4.6	5.5
S	1.8	3.6	2.0	.5								8.6	5.9
SSW	.6	1.6	1.4	.2	.0							3.8	6.3
SW	.5	1.0	.8	.1								2.4	5.0
WSW	.4	.6	.3	.0								1.2	4.9
W	1.0	1.4	1.1	.4	.0							3.9	6.2
WNW	1.4	1.2	1.1	.6	.1	.0						4.4	6.6
NW	1.8	2.1	2.6	1.4	.1	.0						8.0	7.2
NNW	.6	1.2	1.7	.6	.0							4.1	7.2
VARBL													
CALM												35.6	
	15.2	24.9	19.2	4.8	.3	.0						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 10416

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93726
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
POURS (L.S.T.)

CONDITIC

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.8	1.2	.2								4.2	5.6
NNE	.3	1.0	.4	.0								1.7	5.1
NE	.4	1.0	.4									1.8	5.0
ENE	.3	.4	.3									1.0	4.8
E	.7	1.3	.5	.0								2.5	4.9
ESE	.6	.8	.2									1.6	4.5
SE	.9	1.7	1.0	.0								3.7	5.3
SSE	2.0	2.6	1.0	.1								5.7	4.7
S	3.2	5.1	2.4	.2								10.9	5.1
SSW	1.1	2.1	1.1	.1								4.4	5.3
SW	1.0	1.3	.5	.0								2.8	4.6
WSW	.5	.6	.2									1.4	4.4
W	1.1	1.4	.8	.1	.0							3.5	5.2
WNW	1.1	1.1	.7	.2	.1							3.2	5.4
NW	2.0	2.2	1.9	.7	.1							6.8	6.2
NNW	.9	1.9	1.5	.5	.0							4.8	6.5
VARBL													
CALM												40.2	
	17.1	26.3	14.1	2.2	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 10080

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	1.0	.3								3.8	5.7
NNE	.6	.6	.2	.0	.0							1.4	4.3
NE	.5	.7	.3	.0								1.5	4.6
ENE	.4	.4	.2									1.0	4.6
E	.6	.8	.3	.0								1.7	4.5
ESE	.6	.6	.1	.0								1.4	4.1
SE	1.0	1.4	.5	.1	.0							2.9	4.9
SSE	1.6	2.0	.9	.1								4.6	4.8
S	2.7	4.5	1.9	.2	.0							9.3	4.9
SSW	1.3	2.0	.8	.1	.0							4.2	5.0
SW	.9	1.7	.8	.1	.0							3.4	5.3
WSW	.6	.7	.3									1.6	4.5
W	1.2	1.5	.6	.1	.0							3.5	4.8
WNW	1.5	1.3	.6	.1	.0	.0						3.6	4.9
NW	2.2	2.3	1.9	.4	.0	.0						6.8	5.6
NNW	1.0	1.8	1.2	.2	.0							4.2	5.8
VARBL													
CALM												45.2	
	17.6	23.8	11.5	1.7	.1	.0						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 10411

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSAUG
MONTHALL WEATHER
CLASSALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.2	.2	.0							4.9	5.3
NNE	.9	.6	.4	.0								1.6	5.0
NE	.4	.7	.4	.0								1.6	5.1
ENE	.2	.2	.2	.0								.9	5.1
E	.4	1.2	.3	.0								2.4	4.6
ESE	.6	1.0	.2	.0								1.9	4.5
SE	1.0	1.5	.7	.0								3.2	4.3
SSE	1.2	1.9	.7	.0								4.0	4.7
S	1.9	3.9	1.7	.1	.0							7.7	5.2
SSW	1.0	2.1	.7	.1								3.9	5.0
SW	.9	1.5	.6	.0								2.9	4.8
WSW	.9	.9	.2									1.3	4.8
W	1.4	1.6	.5	.1	.0							3.6	4.7
WNW	1.0	1.2	.8	.2	.0							3.9	5.1
NW	1.8	2.3	1.6	.5	.0							6.2	5.7
NNW	1.1	1.7	1.1	.2								4.1	5.6
VARBL													
CALM												45.9	
	16.4	24.2	11.5	1.0	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 10406

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	1.1	3.1	1.0	.4	.0							6.5	5.9
NNE	.0	1.3	.5	.0	.0							2.8	5.0
NE	.7	1.0	.4	.0	.0							2.2	4.9
ENE	.4	.8	.2									1.4	4.6
E	.8	1.2	.4	.0								2.4	4.6
ESE	.7	.9	.3	.0								1.9	4.3
SE	.7	1.3	.7	.1								2.8	5.4
SSE	.9	1.0	.5	.0								3.1	4.7
S	1.6	3.2	1.7	.1	.0							6.5	5.4
SSW	.6	1.8	.5	.1								3.0	5.6
SW	.7	1.2	.5	.0								2.9	5.1
WSW	.3	.5	.2	.0								1.0	5.3
W	.9	1.2	.5	.1	.0							2.7	5.0
WNW	2.0	1.4	.6	.3	.0	.0						4.4	4.8
NW	1.7	2.4	1.4	.4	.0							5.8	5.6
NNW	1.3	1.9	1.2	.2	.0	.0						4.6	5.6
VARBL													
CALM												46.6	
	15.1	24.3	11.8	2.1	.1	.0						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 10079

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATIONFORT BELVOIR V4/DAVISON AAF
STATION NAME57-70
YEARSJCT
MONTHALL WEATHER
CLASSALL
HOURS (L & T.)

COADITION

SPEED (KNTS) DIR.	1 - 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	2.8	1.7	.6	.1	.0						6.3	6.3
NNE	.5	.8	.5	.0								1.8	5.1
NE	.4	.7	.6	.1								1.8	5.7
ENE	.4	.5	.3	.1								1.3	5.1
E	.5	1.0	.5	.1								2.5	4.8
ESE	.7	.5	.2									1.4	4.0
SE	.7	1.2	.3	.0								2.3	4.5
SSE	1.0	1.2	.4									2.5	4.3
S	1.4	2.7	1.1	.1								5.2	5.0
SSW	.7	1.3	.4	.0								2.4	4.8
SW	.5	1.0	.5	.0								2.1	5.2
WSW	.5	.4	.1									.9	4.4
W	1.2	1.3	.3	.1	.0							2.9	4.6
WNW	2.4	1.3	1.0	.6	.0							5.3	5.5
NW	2.5	2.6	2.0	1.5	.2	.0						9.4	6.9
NNW	1.0	1.9	1.6	.5	.1	.0						5.2	6.7
VARBL													
CALM												46.5	
	15.7	21.1	12.1	3.7	.4	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 10413

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

54720
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.5	1.4	.7	.1	.0						4.4	7.3
NNE	.3	.6	.6	.1								1.6	6.3
NE	.5	.9	.2	.0								1.2	4.8
ENE	.5	.3	.1	.0								.8	3.8
E	.8	.7	.2	.0	.0							1.7	4.3
ESE	.7	.6	.1									1.4	4.0
SE	.8	1.1	.4	.1								2.5	4.9
SSE	.9	1.0	.3	.1								2.3	4.7
S	1.5	2.6	1.3	.1	.0							5.3	5.2
SSW	.7	1.2	.7	.0								2.7	5.1
SW	.6	1.1	.7	.0								2.4	5.3
WSW	.4	.4	.3	.0								1.0	5.1
W	1.1	1.2	1.2	.6	.1	.0	.0					4.2	7.0
WNW	2.7	1.7	1.8	1.7	.5	.0						8.3	7.4
NW	1.4	2.1	3.7	2.7	.5	.0						10.5	8.8
NNW	.6	1.6	2.0	.9	.2	.0						5.3	8.0
VARBL													
CALM												44.1	
	14.0	18.2	18.0	7.1	1.4	.2	.0					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 10070

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	1.4	.4	.0							4.9	6.0
NNE	.6	.6	.3	.1								1.6	4.9
NE	.4	.7	.3	.0								1.4	4.9
ENE	.3	.4	.1	.0								.9	4.8
E	.7	.4	.2	.0	.0							1.3	4.2
ESE	.4	.2	.1									.7	3.3
SE	.9	1.1	.2									2.1	4.0
SSE	.7	.7	.2									1.6	4.1
S	1.6	1.9	1.0	.1	.0							4.6	4.9
SSW	.7	1.2	.6	.1	.0							2.6	5.3
SW	.7	.9	.4	.1								1.9	4.9
WSW	.4	.4	.2	.0	.0							1.0	4.9
W	1.2	1.7	.9	.5	.0	.0						4.5	6.1
WNW	2.0	2.1	2.1	2.0	.6	.3	.1	.0				9.0	8.7
NW	1.5	2.8	3.7	3.4	.6	.4	.1					12.5	9.4
NNW	.9	1.7	2.2	1.0	.2	.0						6.0	7.8
VARBL													
CALM												43.4	
	14.0	19.0	13.8	7.7	1.4	.7	.1	.0				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 10411

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93725
STATION

EMPT BELMIR VA/DAVISON AAF
STATION NAME

58-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0230
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.8	.1								4.1	5.1
NNE	.2	.7	.2									1.1	5.3
NE	.6	.9	.3									1.8	4.6
ENE	.2	.2	.4		.1							.9	7.0
E	.1	.2		.1								.4	5.6
ESE	.2	.2										.3	3.5
SE	.3	.2	.1									.7	3.9
SSE	.7	.7	.2									1.6	4.1
S	.8	1.7	.6									3.1	4.7
SSW	.3	1.1	.3									1.7	5.0
SW	.4	.6	.4		.1							1.5	5.2
WSW	.2	.1										.3	3.5
W	.7	1.5	.5	.2	.1	.1						3.1	5.0
WNW	2.3	1.3	1.7	1.6	.6	.3						7.9	8.5
NW	3.1	3.8	4.5	3.4	.2							15.1	7.6
NNW	1.0	1.8	2.7	.6	.2							6.3	7.1
VARBL													
CALM												50.2	
	12.5	17.0	12.8	5.9	1.2	.4						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

1209

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93726
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

58-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.2	.7	.2								4.0	5.5
NNE	.7	.6	.2									1.5	4.6
NE	.2	.9	.9									2.1	5.8
ENE	.2	.2		.1								.7	4.9
E	.2	.5	.2	.1								1.1	6.3
ESE	.5	.1										.6	2.4
SE	.5	.2	.1									.8	4.0
SSE	.2	1.0										1.3	4.3
S	.6	1.6	.5									2.9	4.6
SSW	.2	.9	.3									1.5	5.2
SW	.7	.5	.2									1.6	4.0
WSW	.2	.2	.3									.8	5.1
W	1.2	1.1	.7	.2								3.3	5.5
WNW	2.5	2.7	2.2	1.4	.4	.1						9.3	7.3
NW	2.4	2.4	4.9	2.5	.7							13.4	8.1
NNW	1.2	1.2	2.9	.7								6.1	7.0
VARBL													
CALM												49.1	
	13.2	16.5	14.3	5.3	1.2	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

1209

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93729
STATION

EDRT BELVIDER VA/DAVISON AAF
STATION NAME

56-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	.8	.2								4.1	5.5
NNE	.3	.7	.5	.2								2.2	5.3
NE	.8	.4	.7									2.4	5.1
ENE	.3	.1	.5									1.2	5.2
E	.1	.2	.1									.8	3.3
ESE	.7	.2	.1									1.0	3.4
SE	.4	.1										.5	2.8
SSE	.7	.7	.2									1.7	4.2
S	1.0	1.6	.7									2.6	4.8
SSW	1.1	.6	.5									2.2	4.4
SW	.1	.3	.2	.1								.7	5.9
WSW	.3	.2										.6	3.4
W	1.3	.6	.2	.3								2.4	4.9
WNW	2.1	1.4	1.7	1.2	.6	.1						7.8	7.3
NW	2.1	2.7	5.4	3.6	.7	.1						14.6	8.8
NNW	1.1	1.7	2.6	1.1								6.4	7.1
VARBL													
CALM												48.0	
	15.0	14.1	14.1	6.8	1.3	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

1209

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93728

FORT BELVOIR VA/DAVISON AAF

58-70

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.7	1.1	.3								5.5	5.5
NNE	.4	1.3	.6									2.6	5.1
NE	.4	.9	.7	.2								2.7	5.5
ENE	.3	.9	.3									1.6	5.0
E	.6	.7	.7	.1								2.1	5.6
ESE	.3	.4	.1									.8	3.7
SE	.3	.7	.1									1.1	3.9
SSE	1.0	.8	.3	.1								2.2	4.4
S	1.6	2.2	2.2	.2								6.7	5.7
SSW	1.0	2.2	.8	.1								4.1	5.0
SW	.4	1.2	.4									2.4	5.6
WSW	.4	.4	.2	.1								1.1	4.8
W	.7	1.3	1.0	.4		.1						3.6	6.8
WNW	.5	1.2	1.2	2.0	.7	.3						6.9	10.0
NW	1.3	2.2	.5	6.1	.7	.9	.1					16.5	10.5
NNW	.1	2.0	.2	2.0	.2							8.2	8.2
VARBL													
CALM												32.6	
	12.4	21.5	12.1	11.7	1.7	.9	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1209

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

58-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.4	1.6	.7								7.0	6.1
NNE	.2	1.3	.6									2.2	5.6
NE	.6	1.7	.6									2.8	5.1
ENE	.4	.6	.2	.2								1.4	5.0
E	.4	.4	.1	.2								1.7	5.2
ESE	.7	.9										1.6	3.7
SE	1.1	1.7	.4									3.2	4.5
SSE	1.1	.8	.7									2.6	4.2
S	2.6	5.2	2.6	.1								10.6	5.3
SSW	.9	2.6	1.9	.1								5.5	5.7
SW	.7	1.3	1.3	.2								3.5	6.0
WSW	.3	.4	.5	.1								1.7	5.6
W	.8	2.3	1.8	1.2	.7	.2						7.0	9.1
WNW	.5	1.5	2.2	2.6	.9	.2						7.9	10.7
NW	1.1	1.7	5.6	6.7	.9	.2						16.2	10.7
NNW	.9	1.9	3.2	2.8	.2	.1						9.0	9.0
VARBL													
CALM												15.7	
	14.1	28.0	23.3	14.5	2.7	.7						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1209

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93726
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

38-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.2	1.5	.2	.							5.9	5.9
NNE	1.0	.4	.7									2.1	4.8
NE	.4	.7	.7	.1								1.9	6.2
ENE	.1	.4	.6	.1								1.4	6.3
E	.0	.6	.2									1.3	3.8
ESE	1.1	.1	.1									2.0	3.4
SE	1.4	1.9	.7									4.2	4.4
SSE	1.6	2.1	.5									4.1	4.3
S	2.0	4.3	1.7	.1								8.9	4.6
SSW	.3	2.0	1.4									4.3	5.3
SW	.7	1.2	.0	.1								2.9	5.9
WSW	.7	.7	.2									1.6	4.2
W	1.0	1.2	1.0	1.9	.2							5.0	8.4
WNW	.2	1.2	2.6	3.2	.5	.4						8.0	11.4
WW	1.2	4.3	9.9	6.0	1.0	.2						17.6	9.7
NNW	1.2	2.2	2.6	1.2	.2							7.6	7.5
VARBL													
CALM												20.7	
	17.4	25.4	20.9	12.4	2.1	.6						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1209

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

9372R
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

58-70
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	1.3	1.7	1.1	.2	.1							4.5	3.6
NNE	.6	.4	1.1									2.1	6.1
NE	.2	.5	.2									1.0	4.9
ENE	.2	.3	.4									1.0	5.4
E	.8	.6	.5	.1								2.0	5.5
ESE	.9	.3	.1									.9	3.5
SE	.2	.0	.1									1.2	4.2
SSE	1.1	.9										2.0	3.6
S	1.3	1.8	.7	.1								4.1	4.6
SSW	.8	1.1	.6	.1								2.6	5.3
SW	.1	.6	.1	.1								.8	5.7
WSW	.2	.5	.1									.8	4.3
W	.9	1.2	.4	.7	.2	.1						3.4	7.6
WNW	1.0	2.1	1.2	1.2	.4							6.9	7.2
NW	2.2	3.9	3.7	3.0	.7	.2						13.7	3.3
NNW	1.3	1.7	1.9	.8	.1							5.9	6.7
VARBL													
CALM												47.2	
	13.7	10.5	12.3	6.3	1.3	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1209

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

94728
STATION

FORT BELVIER VA/DAVISON AAF
STATION NAME

58-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.5	1.3	.2								5.1	5.5
NNE	.1	.4	.4									.9	6.4
NE	.1	.3	.1									.5	5.0
ENE	.3	.1	.6									1.0	6.8
E	.4	.3	.2	.2								1.2	6.1
ESE	.2	.2										.4	3.4
SE	.2	.5										.7	3.8
SSE	.3	1.0										1.8	3.8
S	1.1	1.7	.6	.1								3.4	4.8
SSW	.7	.7	.3									1.7	4.7
SW	.2	.6	.2									1.1	5.3
WSW	.2	.2										.4	4.2
W	1.1	1.7	.8	.2	.2							4.0	6.2
WNW	2.6	1.7	2.2	1.5	.1	.2						8.3	7.4
WV	2.3	2.4	4.1	3.1	.7							12.7	8.4
NNW	1.0	1.7	2.2	1.5	.2							6.6	6.0
VARBL													
CALM												50.2	
	12.6	16.0	13.1	6.7	1.2	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1209

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.1	.9	.4	.1							4.1	6.5
NNE	.3	.6	.3									1.3	4.8
NE	.4	.6	.3	.1								1.8	5.0
ENE	.3	.3	.3									.9	5.0
E	.6	.6	.2									1.4	4.1
ESE	.3	.4										.7	3.8
SE	.5	.7										1.5	4.1
SSE	.3	.4										1.3	4.1
S	.4	1.4	.3	.1								2.2	5.2
SSW	.4	.4	.3									1.1	4.6
SW	.3	.6	.4	.3								1.7	7.1
WSW	.3	.7	.1									1.0	5.1
W	.5	1.1	1.1	.6								3.6	7.0
WNW	2.4	1.5	1.6	1.0	.2	.2						6.9	6.9
NW	1.4	3.1	5.9	3.4	.6	.2						14.6	8.9
NNW	1.2	2.7	2.5	1.0	.5	.3						8.2	8.1
VARBL													
CALM												47.8	
	11.0	17.9	14.3	7.0	1.4	.6						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1166

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93726
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	1.8	.3	.1							4.3	6.8
NNE	.8	.4	.5	.1								1.8	5.0
NE	.5	.6	.4	.2								1.7	5.9
ENE	.2	.6	.1									.9	4.5
E	1.0	.6	.3									1.9	3.9
ESE		.5										.5	4.7
SE	.5	.7	.1									1.3	4.1
SSE	.5	.8	.2									1.5	4.1
S	1.0	.7	.3									2.0	4.0
SSW	.3	.6	.4	.1								1.5	5.6
SW	.3	.3	.5	.1								1.2	6.6
WSW	.7	.3		.1								1.1	3.8
W	.8	.9	.9	.3								2.9	6.1
WNW	2.6	1.9	1.7	2.0	.2							8.3	7.3
NW	1.2	3.4	4.5	3.9	.7	.3						14.1	9.3
NNW	1.1	3.0	2.1	1.2	.1	.1						7.6	7.3
VARBL													
CALM												47.6	
	12.6	16.5	13.8	8.1	1.0	.4						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

1167

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

FFR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	1.9	.3	.1							4.8	6.4
NNE	.6	.6	.3	.1								1.6	5.2
NE	1.9	.9	.3	.1								2.3	4.7
ENE	.8	.7	.1									1.5	3.7
E	1.1	.9	.3		.1							2.4	4.5
ESE	.5	.3	.1	.1								.9	4.8
SE	.4	.7	.3	.1								1.4	5.2
SSE	.7	.8	.3									1.7	4.3
S	.9	.6	.4	.1								2.0	4.8
SSW	.1	.4	.1									.6	5.0
SW	.6	.6	.3	.3								1.8	5.9
WSW	.3	.3	.3									.9	4.9
W	1.4	.4	1.2	.4								3.5	6.0
WNW	2.0	1.3	1.9	1.9	.3	.1						7.4	8.4
NW	2.1	2.6	5.4	3.2	.6	.4						14.2	8.9
NNW	.7	1.0	2.0	1.1	.2	.1						5.8	8.1
VARBL													
CALM												47.2	
	14.3	14.1	15.1	7.5	1.3	.6						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1174

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.4	2.5	.8	.1							7.4	7.5
NNE	.0	1.2	.5	.2	.1							2.5	6.0
NE	1.4	1.2	.9	.2								3.6	5.2
ENE	.8	.9	.2									1.9	4.0
E	1.5	2.8	.8	.2								5.2	4.8
ESE	1.2	1.3	.3									2.7	4.2
SE	.8	1.1	.3	.3		.1						2.6	6.0
SSE	.4	.9	.4									1.3	5.1
S	1.4	2.6	1.5	.1								5.7	5.4
SSW	.8	2.0	.9	.1								3.8	5.5
SW	.7	1.5	.6	.3	.1							3.1	6.1
WSW	.2	.9	.5	.3								1.5	6.9
W	.7	1.9	1.4	1.2	.4	.1						5.8	8.5
WNW	.5	.8	2.8	2.2	.9	.4						7.7	11.3
NW	.8	1.6	4.3	5.8	1.8	.6	.2					15.0	11.9
NNW	.7	1.3	2.5	3.0	.7							8.0	10.4
VARBL													
CALM												21.0	
	13.2	24.6	21.4	14.4	4.1	1.2	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

1181

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.5	2.4	1.1	.1							7.1	7.2
NNE	.6	1.1	1.1									2.8	5.6
NE	1.1	1.2	1.2									3.3	5.1
ENE	1.0	2.1	.4	.1								3.6	4.7
E	1.1	1.3	.8	.3								3.4	5.5
ESE	1.0	1.9	.8	.1								3.7	4.9
SE	1.6	2.4	.4	.2								4.6	4.6
SSE	.5	1.7	.6	.3								3.1	5.9
S	1.1	4.3	3.1	.3								8.8	6.3
SSW	.9	1.6	1.7	.3	.1							4.6	6.4
SW	.2	1.6	1.4	.3								3.5	6.9
WSW	.2	.8	.6									1.7	5.9
W	.3	1.7	3.0	2.0	.3							7.2	9.5
WNW	.2	.0	2.7	3.0	2.1	.3						8.8	12.9
NW	.8	2.0	4.4	5.8	2.7	1.1	.2					16.9	12.6
NNW	.2	1.3	2.4	2.4	.7	.2						7.2	10.7
VARBL													
CALM												9.7	
	12.1	27.9	26.4	15.9	6.0	1.5	.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1179

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	2.3	.8								7.1	6.6
NNE	.8	1.1	.7	.1								2.7	5.1
NE	1.6	1.4	.8									3.3	5.1
ENE	.5	1.1	.4									2.0	4.8
E	1.3	1.9	.4	.2								3.7	4.8
ESE	.7	1.2	.3									2.1	4.3
SE	1.4	1.8	1.2	.2								4.6	5.4
SSE	1.1	2.1	1.2	.1								4.5	5.5
S	2.6	4.4	2.4									9.4	5.1
SSW	.4	1.2	1.6	.2								3.4	6.5
SW	.4	1.4	.9	.3		.1						3.2	7.1
WSW	.1	.8	.9	.1								2.0	6.7
W	.9	1.8	2.2	1.2	.1							6.2	7.5
WNW	.2	1.2	2.2	3.1	.6	.3						8.4	11.4
NW	.3	1.4	4.9	6.6	2.3	.8	.3					17.3	12.5
NNW	.2	1.6	3.9	2.4	.2							8.2	9.6
VARBL													
CALM												11.8	
	13.7	27.4	26.7	15.7	3.3	1.3	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1102

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

93728
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSFEB
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	1.3	.4	.1							4.8	6.1
NNE	.9	.9	.3									2.1	3.9
NE	.7	.8	.4	.7								2.1	5.6
ENE	.5	.6	.2	.2								1.4	6.8
E	1.4	2.0	.3	.1	.1							3.8	4.3
ESE	.4	.7	.3									1.7	3.9
SE	1.0	2.0	.7	.1								3.7	5.0
SSE	.5	.6	.3	.1								1.9	5.3
S	1.0	1.8	.8									3.7	4.8
SSW	.8	.9	.3	.1								2.1	5.1
SW	.3	.3	.1									1.3	5.7
WSW	.5	.3	.1	.1								.9	4.4
W	1.4	2.2	1.0	.7								9.4	5.8
WNW	1.5	1.4	2.0	.4	.3							5.5	6.7
NW	1.7	4.6	5.2	4.7	.8	.3		.1				17.4	9.3
NNW	.7	2.0	3.2	1.4								7.3	8.0
VARBL													
CALM												34.8	
	15.2	22.9	16.9	6.5	1.4	.3		.1				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

1177

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

FFB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.1	1.1	.2								5.4	5.1
NNE	.5	.2	.2									1.2	4.0
NE	.2	.2	.2	.1								.7	5.9
ENE	.2	.2	.2	.1								1.0	5.6
E	.2	1.0	.2	.2								2.7	3.3
ESE	.4	.6		.1								1.1	4.6
SE	.4	1.2	.2	.1								2.1	5.0
SSE	.4	1.1	.1	.1								1.7	4.8
S	.7	1.1	.5									2.3	4.7
SSW	.4	.2	.2	.1								1.1	5.8
SW	.2	.4	.2	.2								1.7	6.6
WSW	.4	.2	.2									.9	5.5
W	1.2	1.0	1.1	.6	.1							4.1	6.3
WNW	1.7	1.1	2.1	1.4	.2	.1						6.5	7.8
NW	1.9	3.2	6.1	3.8	.9	.2						15.6	9.3
NNW	1.1	1.2	2.4	1.5	.4	.1						7.4	8.4
VARBL													
CALM												44.6	
	12.1	16.9	16.1	8.2	1.2	.4						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1170

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.6	.7	.4	.2							4.7	6.0
NNE	.5	.6	.4									1.5	5.1
NE	.2	.2	.5	.4								1.6	7.4
ENE	.4	.8	.3									1.5	5.0
E	.6	1.6	.5	.2								2.9	5.4
ESE	1.2	.5	.1									1.8	3.2
SE	.5	.8	.2									1.3	4.7
SSE	.4	1.0	.1	.2								2.0	4.6
S	.9	1.7	.5	.1								3.2	5.0
SSW	.3	.5	.2									1.1	5.2
SW	.2	.7	.2									1.1	4.8
WSW	.5	.5	.1									1.0	3.9
W	1.3	1.2	.6	.5								3.7	5.7
WNW	3.3	2.3	1.9	1.6	.6							9.6	6.9
NW	2.0	2.3	2.6	2.3	.4	.2						9.9	8.5
NNW	1.3	2.3	2.1	1.2	.3	.2						7.3	7.9
VARBL													
CALM												45.8	
	15.9	18.6	10.9	6.4	1.5	.5						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

1287

3

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR EATER SERVICE/HAC

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

SURFACE WINDS

93720
 STATION

FORT BELVOIR VA/DA USUN AAF
 STATION NAME

57-70
 YEARS

AR
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.8	.5	.4								4.1	3.4
NNE	.2	.3	.2									.9	3.1
NE	.7	1.2	.3	.2	.2							2.7	3.3
ENE	.4	.6	.2									1.2	4.5
E	.9	.7	.2	.2								2.0	5.2
ESE	.6	.2	.1									.3	3.5
SE	.6	.5	.2	.2								1.6	5.9
SSE	.2	1.1	.3	.2								1.9	5.7
S	1.2	1.7	.5									3.5	4.4
SSW	.2	.8	.1									1.0	4.7
SW	.7	.3	1.0	.1								2.3	6.1
WSW	.2	.6										.9	3.7
W	1.4	1.2	1.2	.3								4.2	5.7
WNW	3.0	1.7	1.4	1.4	.2							7.7	6.3
NW	2.0	2.6	3.1	2.2	.5	.4						10.9	8.6
NNW	1.0	2.2	2.3	.8	.3	.2						7.4	7.5
VARBL													
CALM												47.0	
	15.3	17.9	11.9	6.0	1.2	.6						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1287

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93720
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARS14 14
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPED (KNTS) DIR.	1 - 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	2.4	1.2	.3								5.3	5.7
NNE	.8	.6	.6									2.0	4.7
NE	.8	1.5	.8	.2								3.2	5.5
ENE	.6	.6	.2									1.2	4.8
E	1.2	1.0	.2	.2								2.6	4.8
ESE	.6	.4										1.0	3.2
SE	.9	.4										1.2	3.1
SSE	.4	.3	.2									.9	4.8
S	.7	1.7	1.2	.2								3.9	6.1
SSW	.8	.9	.5									2.2	5.2
SW	.3	.9	.4	.3								1.9	6.4
WSW	.7	.5	.3	.2								1.7	4.8
W	.9	1.2	.9	.1	.2							3.2	6.0
WNW	1.9	1.6	1.5	1.8	.3							7.1	7.7
NW	2.0	3.0	3.7	2.2	.2	.1						11.3	7.3
NNW	.9	2.2	2.9	1.6	.3	.3						8.1	8.8
VARBL													
CALM												43.1	
	14.3	19.4	14.7	7.1	1.0	.4						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1290

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

03718
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

54-76
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.5	4.1	1.2		.1						8.4	7.0
NNE	.6	.9	1.5	.3								3.2	6.2
NE	.6	.8	.8	.1								2.5	5.2
ENE	.1	1.4	1.1	.2								3.4	6.0
E	1.0	2.7	1.2	.1								5.0	5.2
ESE	.6	1.2	.2									2.0	4.6
SE	.8	1.4	.4									2.5	4.6
SSE	.7	1.1	.6									2.4	5.1
S	.7	4.1	3.1	.6								8.5	6.6
SSW	.3	2.6	1.8	.5	.1	.1						5.4	7.0
SW	.4	1.2	1.1	.2								2.8	6.6
WSW	.8	.9	.3	.1		.1						2.2	5.5
W	.2	1.3	2.2	1.1	.2	.1						5.1	8.7
WNW	.5	1.2	2.0	2.8	1.5	.3						8.4	11.8
NW	.6	1.9	4.8	5.5	1.8	.5	.1					13.2	11.6
NNW	.5	1.5	3.4	3.3	.4	.2						9.2	10.1
VARBL													
CALM												13.8	
	9.4	26.7	28.7	15.7	3.5	1.2	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93724
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSMAR
MONTHALL WEATHER
CLASS1200-1400
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	1.0	2.5	2.8	1.5								7.8	7.2
NNE	.5	1.3	1.2	.1								3.1	6.0
NE	.7	1.2	1.3									3.2	5.5
ENE	.5	.8	.4	.2								1.9	5.5
E	1.5	2.7	1.7									5.9	5.3
ESE	.5	1.1	.7									2.6	4.9
SE	1.5	1.5	1.2	.2								4.1	5.7
SSE	.2	1.3	1.0	.2								2.7	6.6
S	1.2	3.7	4.7	1.5								11.0	7.2
SSW	.3	1.3	2.0	.7	.1							4.4	8.0
SW		1.5	1.2	.5	.2							3.2	8.2
WSW	.4	.5	.9	.3								2.4	7.8
W	.3	1.2	3.7	3.1	.8							8.1	10.2
WNW	.2	.9	2.7	2.7	1.5	.5	.1					8.5	12.6
NW	.5	2.2	4.8	4.5	2.0	.5	.2					14.7	11.7
NNW	.5	1.8	2.8	3.1	1.3	.1						9.6	10.5
VARBL													
CALM												6.8	
	9.8	25.7	32.9	17.7	5.8	1.0	.3					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93720 STATION 57-70
FORT BELVOIR VA/DAVISON AAF
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
AR
MONTH
1500-1700
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.5	3.5	1.4	.1							9.1	7.3
NNE	.6	.8	.7									2.2	5.3
NE	.7	1.3	.8									2.8	5.2
ENE	.3	1.4	.5	.1								2.3	5.4
E	1.3	1.9	1.5	.4								5.1	5.8
ESE	.7	1.5	.6	.2								3.0	5.8
SE	.3	1.9	1.3	.3								4.0	6.3
SSE	.3	1.9	1.4	.1								3.8	5.9
S	.5	3.1	3.9	.8	.1							8.5	7.5
SSW	.5	1.4	1.5	.8	.2							4.3	8.2
SW	.5	.8	1.2	.2	.1							2.8	6.9
WSW	.2	.9	.8	.2								2.3	7.9
W	.4	1.5	3.3	1.5	.5	.1						7.2	9.4
WNW	.7	1.1	1.6	3.5	1.4	.9						9.1	12.9
NW	.8	3.3	5.7	5.3	.9	.3						16.4	10.2
NNW	.5	1.6	3.1	2.6	.7	.3						8.9	10.2
VARBL													
CALM												7.8	
	9.4	28.1	31.6	17.8	3.9	1.6						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93726
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSMAR
MONTHALL WEATHER
CLASS1860-2000
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	1.8	1.5	.7								5.7	6.0
NNE	.5	.5	1.3	.1								1.3	5.1
NE	.6	.9	.6									2.2	5.2
ENE	.7	1.0	.1	.2								2.0	4.6
E	1.2	2.1	1.5	.2								5.0	5.5
ESE	1.5	.8	.5									2.8	4.1
SE	.5	1.7	.9	.2								3.4	5.7
SSE	.5	1.8	.8	.1								3.6	5.0
S	1.8	2.6	1.0									5.4	4.8
SSW	.6	.9	1.1	.2								2.7	6.1
SW	.5	.5	.2	.1		.1						1.4	5.9
WSW	.5	.5	.2	.1			.1					1.4	6.1
W	1.3	1.2	1.1	.9								4.3	6.2
WNW	.4	2.0	2.5	2.3	.4	.2						8.3	9.0
NW	1.3	3.9	6.1	2.3	.5							14.1	8.3
NNW	.5	2.8	2.7	1.1	.1							7.6	7.4
VARBL													
CALM												28.9	
	15.7	25.0	21.1	8.5	.9	.2	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1282

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISIN AAF
STATION NAME

57-70
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	.5	1.7	1.2	.3	.1	.1						4.4	6.5
NNE	.7	.9	.2	.1								1.3	5.2
NE	.5	.5	.5	.2								1.6	5.7
ENE	.7	1.3	.2	.1								1.7	4.9
E	1.1	1.7	.2	.2								4.0	4.4
ESE	.5	.5	.2	.1								1.3	4.6
SE	.5	1.3	.3	.2								2.7	4.9
SSE	.5	1.3	.5									2.5	5.3
S	1.1	1.5	.6	.1								4.0	4.2
SSW	.5	.5	.5									1.6	5.4
SW	.5	.7										1.2	3.7
WSW	.2	.5		.1								.7	4.8
W	1.1	1.3	1.2	.4								4.7	5.5
WNW	2.4	2.4	1.0	1.5	.7							8.6	7.4
NW	2.3	3.1	3.3	2.3	.2							11.2	7.5
NNW	.7	2.1	1.6	1.4	.2							6.0	8.0
VARBL													
CALM												42.4	
	15.6	21.7	12.2	6.7	1.2	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 1275

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

9375R
STATION

FORT BELVOIR VA/DAVISON 4AF
STATION NAME

57-70
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	.3	1.4	1.4	.2								3.2	6.5
NNE		.9	.3									1.2	5.4
NE	.2	.7	.5	.1								1.5	6.3
ENE	.2	.4	.2									1.3	4.8
E	1.2	.9	.1	.2								2.4	4.4
ESE	.5	.6	.2	.1								1.4	4.5
SE	1.1	1.6	.6									3.3	4.8
SSE	1.1	1.4	.8									3.3	4.8
S	1.2	2.9	.9	.2								4.8	5.4
SSW	.3	.6	.6									1.4	5.6
SW	.6	.6	.8									1.9	5.6
WSW	.4	.2	.1									.6	3.6
W	.6	2.0	.5	.2								3.3	5.6
WNW	2.2	1.3	1.7	.8	.1							6.0	6.4
NW	1.4	1.6	2.4	.7	.2	.1						6.6	7.2
NNW	.6	1.8	1.6	.2	.1							4.3	6.0
VARBL													
CALM												53.5	
	11.9	18.9	12.5	2.4	.3	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1259

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

APR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	.7	.2								3.0	6.0
NNE	.6	.8	.2									1.5	4.4
NF	.2	1.7	.3	.2								2.4	5.5
ENE	.7	.8	.2									1.7	4.0
E	.9	1.0	.3									2.2	4.3
ESE	.2	.2	.2									.5	5.0
SE	.6	.7	.4	.1								1.7	5.4
SSE	1.1	1.1	.4									2.6	4.4
S	1.6	1.7	.8	.2								4.3	5.0
SSW	.2	.9	.7	.2								1.9	6.8
SW		.1	.6									1.4	6.3
WSW	.2	.2										.7	3.0
W	1.0	1.0	.9	.2								3.0	5.9
WNW	2.4	1.9	1.5	.4	.1							6.4	5.4
NW	2.6	3.0	2.3	.7	.1	.3						9.2	6.5
NNW	.9	1.1	1.1	1.2	.1							4.4	7.8
VARBL													
CALM												52.9	
	14.8	18.4	10.6	3.4	.2	.3						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1258

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

937.00
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

APR
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 - 32	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	2.0	.3								4.6	6.4
NNE	.7	.7	.4									1.8	4.6
NE	.7	1.4	.7	.1								2.9	5.4
ENE	1.0	1.0	.6									2.5	4.9
E	1.7	1.3	.6	.1								3.7	4.4
ESE	.7	.6		.1								1.3	4.0
SE	.7	.9	.2	.1								1.9	4.9
SSE	.6	1.0	.4	.1								2.1	5.0
S	1.7	2.9	1.6	.2								6.3	5.4
SSW	.2	1.6	1.0	.1								2.8	6.1
SW	.2	.9	.3	.1								1.4	5.7
WSW	.2	.5	.1	.1								1.0	5.0
W	1.1	1.4	1.0	.6								4.1	6.1
WNW	2.1	.8	2.2	1.6	.3							7.1	7.7
NW	2.1	2.9	2.6	1.3	.2	.1						9.1	6.9
NNW	1.0	1.3	2.5	1.3	.1							6.3	8.2
VARBL													
CALM												41.1	
	15.5	20.6	16.3	5.4	.6	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSAPR
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.5	3.7	1.6	.1							9.0	7.8
NNE	.6	1.6	.7	.2								3.1	5.6
NE	.7	2.5	1.1									4.3	5.4
ENE	.8	1.5	.4									2.7	4.6
E	2.2	2.9	1.3	.1								6.5	4.9
ESE	.8	2.3	.7									3.8	5.0
SE	1.0	1.8	1.0	.2								4.0	5.5
SSE	.7	1.5	.9	.2								3.3	5.3
S	1.5	5.3	3.3	.6								10.8	6.1
SSW	.6	3.6	2.7	.7	.2							7.7	7.1
SW	.6	1.0	.8	.2								2.5	5.8
WSW	.9	.9	.6	.2								2.2	6.5
W	.9	1.2	1.7	1.5	.2	.1						5.1	9.2
WNW	.2	.9	2.1	2.6	.5							6.2	10.9
NW	.2	1.0	4.8	3.3	.9							10.3	10.7
NNW	.3	1.1	3.5	1.6	.6							7.1	9.7
VARBL													
CALM												11.4	
	12.5	31.5	29.2	12.9	2.3	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
ETAC/USAF
AIR EATHER SERVICE/MAC

SURFACE WINDS

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

93728
STATION

PORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

APR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 5	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.8	2.4	1.3	.2							7.2	8.1
NNE	.4	1.0	.9	.2								2.5	6.2
NE	.8	1.3	.8	.1								2.9	5.3
ENE	.3	1.4	.7									2.5	5.4
E	1.7	2.0	1.6	.2								5.5	5.6
ESE	.7	3.0	1.3									3.0	5.5
SE	1.6	2.4	2.2	.2								6.8	5.8
SSE	.3	1.9	1.7	.3								4.2	6.7
S	.8	3.7	4.6	1.6	.1							10.7	7.7
SSW	.3	2.0	2.5	1.4								6.3	6.3
SW	.3	2.1	2.1	1.0								5.6	7.7
WSW	.2	.7	1.0	.0								2.5	8.1
W	.3	1.7	3.7	.8	.4							7.9	9.3
WNW	.2	1.0	1.8	2.2	1.0	.2						6.3	11.7
NW	.2	1.8	3.2	5.1	.7	.2						11.0	11.2
NNW	.3	1.5	2.1	2.6	.3							6.2	9.5
VARBL													
CA/JA												6.9	
	9.1	30.4	32.5	18.1	2.6	.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93725
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSAPR
MONTHALL WEATHER
CLASS1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.0	2.2	1.1	.1							6.0	7.8
NNE	.2	1.4	.3	.2								2.1	5.4
NE	.8	1.7	1.1	.2								3.9	5.6
ENE	.7	1.5	.5									2.1	4.7
E	1.0	3.1	2.0	.3								6.4	6.1
ESE	1.1	1.3	1.7	.2								4.2	5.4
SE	.7	2.2	3.7	.5								7.1	7.0
SSE	.5	2.4	2.1	.6								5.6	7.2
S	1.9	2.4	4.4	1.3	.1							10.0	7.1
SSW	.4	1.7	2.5	1.3								5.9	8.0
SW	.1	1.2	1.8	.2								3.3	7.8
WSW	.7	.7	1.0	.1								2.5	5.9
W	.4	1.4	3.0	1.6	.7	.3						7.5	10.3
WNW	.2	1.3	2.7	2.5	.8	.2						7.6	11.1
NW	.4	1.7	5.4	4.4	1.3	.1						13.3	10.8
NNW	.2	1.3	1.9	1.4	.5	.1						5.4	9.9
VARBL													
CALM												7.1	
	9.8	26.8	36.3	15.6	3.4	.7						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1259

DATA PROCESSING DIVISION
 EFAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93728 STATION FORT BELVOIR VA/DAVISON AAF 57-70 YEARS APR MONTH 1800-2000 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	1.7	.7	.1							4.5	7.6
NNE	.3	1.0	.3									1.3	5.0
NE	.7	1.0	.2	.1								2.1	4.8
ENE	.5	1.0	.2	.1								1.8	5.0
E	1.0	3.3	1.2	.3								6.5	5.2
ESE	1.7	1.7	.8	.2								4.3	4.6
SE	1.2	3.3	2.4	.3								7.2	5.9
SSE	1.0	2.8	1.7	.4								5.9	6.0
S	1.0	3.0	1.9	.2								6.9	5.3
SSW	.4	1.2	.5									2.1	5.2
SW	.5	1.0	.2	.2								1.8	5.2
WSW	.3	.5	.4									1.2	5.3
W	1.3	1.8	1.4	.7	.3	.1						5.6	7.3
WNW	.7	1.4	1.7	1.3	.3	.1						5.4	8.9
NW	.6	3.0	3.5	2.6	.2							9.9	8.8
NNW	.4	1.4	1.7	1.0	.1							4.6	8.2
VARSL													
CALM												29.0	
	13.8	28.2	19.7	8.0	1.0	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1257

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93772 EIGHT BELVOIR VA/DAVISON AAF 57-70 APR MONTH
CLASS ALL WEATHER 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.2	1.2	.5								3.7	6.5
NNE	.3	.6	.2									1.1	4.6
NE	.1	1.0	.4									1.5	6.1
ENE	.4	.6	.2	.1								1.2	5.1
E	1.5	1.5	.8	.2								4.1	5.1
ESE	1.2	1.0	.2	.1								2.5	4.3
SE	1.0	.5	1.2	.3								5.1	5.6
SSE	1.0	2.1	1.0	.2								4.1	5.4
S	1.8	3.2	.9	.1								6.0	4.9
SSW	.2	.7	.5									1.4	5.8
SW	.3	.6	.2	.1								1.5	5.2
WSW	.2		.1		.1							.3	7.3
W	.6	1.0	1.1	.8								3.5	7.5
WNW	1.7	1.2	1.4	1.2	.2	.1						5.6	7.6
NW	1.2	1.9	2.2	1.4	.2							6.9	7.8
NNW	.2	1.1	1.0	1.4								3.7	8.5
VARBL													
CALM												48.0	
	12.6	20.1	12.5	6.3	.4	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1259

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93724
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.1	.5	.1								1.7	5.3
NNE	.5	.1	.2									1.5	4.1
NE	.5	1.3	.5									2.3	4.7
ENE	.6	.6	.2									1.4	4.2
E	1.2	1.2	.3	.1								2.7	4.5
ESE	.5	.5	.1									1.0	3.8
SE	.5	1.4	.6									2.8	5.2
SSE	1.3	1.7	.8									3.8	4.6
S	1.7	2.0	.8	.1								4.1	4.8
SSW	.5	.2	.4									1.5	5.1
SW	.5	.2	.2									1.2	4.3
WSW	.2	.2	.2									.5	5.4
W	.5	.8	.3	.1								2.1	4.4
WNW	2.2	1.2	.2	.2	.2							4.0	4.5
NW	2.4	2.0	1.5	.2								6.5	4.8
NNW	1.2	.4	1.1	.2								3.5	5.8
VARBL													
CALM												59.0	
	15.3	15.7	8.3	.9	.2							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 1502

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

037.6 STATION FORT BELVOIR VA/DAVISON AAF 57-70 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	.0	2.2	.1	.2								4.1	5.2
NNE	.5	1.0	.3									1.8	4.6
NE	.0	1.5	.5	.1								3.0	4.7
ENE	.2	.3	.4									.9	5.2
E	.5	.6	.4	.1								1.7	5.0
ESE	.1	.3	.2									1.2	3.4
SE	1.0	.9	.2	.1								2.2	4.5
SSE	.5	.5	.5	.1								1.7	5.0
S	.7	1.6	.7	.2								3.1	5.3
SSW	.5	.8	.4									1.6	5.0
SW	.3	.4	.2									.8	4.7
WSW	.3		.1									.4	3.4
W	1.0	1.4	.1									3.4	3.5
WNW	2.5	.1	.4		.1							4.0	4.1
NW	2.5	1.3	1.1	.4								5.5	5.4
NNW	.7	1.1	.6	.2								2.3	5.5
VARBL													
CALM												62.0	
	15.0	14.1	6.6	1.5	.1							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	1.4	2.4	2.3	.5								6.8	6.0
NNE	1.0	1.4	.4									2.8	4.7
NE	1.2	1.8	1.0									4.1	4.8
ENE	1.2	.8	.4									2.5	4.1
E	.8	1.2	.8									2.9	5.2
ESE	.4	.2	.1									1.2	3.2
SE	.8	.8	.2	.2								2.2	5.2
SSE	1.2	1.4	.8									3.5	4.5
S	2.1	2.8	.8	.4								6.1	5.0
SSW	.6	1.5	1.0									3.1	5.7
SW	.7	1.2	.5									2.5	5.2
WSW	.4	1.0										1.4	4.4
W	1.5	1.2	.4	.1	.1							3.2	4.7
WNW	1.8	.5	.7	.6	.1							3.8	6.0
NW	3.2	2.3	2.5	.8	.2							9.0	5.9
NNW	1.0	1.1	.8	.5								3.3	5.9
VARBL													
CALM												41.7	
	19.0	22.1	13.0	3.0	.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93723
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.7	4.5	.7	.1							9.5	6.9
NNE	.8	1.5	1.0	.2								3.6	5.6
NE	.8	2.8	1.3									4.8	5.6
ENE	.6	1.6	.2	.1								2.5	4.7
E	1.5	3.3	1.2									5.9	5.0
ESE	.5	1.2	.9	.1								3.1	5.4
SE	1.2	2.5	1.2	.1								5.1	5.1
SSE	1.5	1.7	1.2	.2								4.5	5.1
S	2.5	5.0	4.5	.6								12.7	6.2
SSW	.8	3.0	2.2	.3								6.4	6.3
SW	.6	1.7	1.2	.2								3.8	6.2
WSW	.5	.9	.4									1.0	4.8
W	.6	2.1	1.7	.8	.2							5.2	7.1
WNW	.5	.8	1.5	1.4	.2							4.2	9.4
NW	.7	2.4	4.4	2.9	.1	.1						10.5	9.0
NNW	.2	1.2	3.1	.9	.1							5.6	8.3
VARBL													
CALM												10.6	
	15.4	34.2	30.4	8.7	.5	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93722

FORT BELVOIR VA/DAVISIN AAF

57-70

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	.8	2.7	2.9	.6								7.0	7.1
NNE	.0	1.0	.8	.2								3.7	5.4
NE	.5	1.3	.8	.1								3.1	5.1
ENE	.2	1.0	.5									1.8	5.7
E	1.2	1.7	1.8	.2								4.9	5.9
ESE	.0	2.3	1.2	.2								4.5	5.6
SE	1.2	2.2	2.7	.1								6.1	6.2
SSE	.2	2.3	1.7	.6								5.1	7.0
S	1.5	5.4	7.1	1.3								15.3	7.0
SSW	.6	2.8	2.8	.7	.2							7.0	7.3
SW	.6	1.4	1.4	.4								3.8	6.8
WSW	.2	.2	.7									1.5	6.0
W	.8	1.2	3.4	1.5	.2							7.0	8.3
WNW	.0	1.5	2.2	1.3	.4							6.2	8.9
NW	.5	2.2	4.2	2.8	.1							9.8	8.8
NNW	.4	1.7	2.9	1.4								6.4	8.3
VARBL													
CALM												7.0	
	12.0	22.0	37.0	11.2	.0	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93774
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	1.4	2.1	1.0	.1							6.1	7.2
NNE	.5	.8	.8	.2								2.3	5.1
NE	.2	1.8	.8	.1								2.9	5.7
ENE	.6	.6	1.0	.1								2.5	5.4
E	1.4	2.4	1.5	.1								5.8	5.0
ESE	.3	2.0	1.2	.2								3.7	6.1
SE	1.1	2.5	2.9	.4								6.8	6.4
SSE	.6	3.1	2.7	.5								7.0	6.5
S	1.7	5.8	6.3	.8								14.6	6.6
SSW	.7	2.8	2.9	.4								6.8	6.6
SW	.5	1.5	2.1	.1								4.2	6.6
WSW	.5	1.4	.5									2.3	4.9
W	.9	2.6	1.8	.5								5.8	6.5
WNW	.6	1.0	2.5	.9	.1							6.0	8.0
NW	.7	2.5	4.1	2.2	.4	.1						9.9	8.6
NNW	.2	1.4	2.7	.7								4.9	6.2
VARBL													
CALM												8.4	
	12.2	34.8	35.9	8.1	.5	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4	.6	.4								2.4	5.7
NNE	.4	.8	.2									1.3	4.5
NE	.7	1.5	.2	.2								2.5	5.1
ENE	.8	.8	.2									1.7	4.0
E	1.2	2.7	1.1	.2								5.1	5.4
ESE	1.6	2.2	.7									4.5	4.4
SE	1.2	3.2	2.2	.2								6.8	5.5
SSE	1.8	3.5	1.8	.1								7.1	5.1
S	3.2	3.4	1.5									8.1	4.5
SSW	.9	1.5	.6	.2								3.2	5.0
SW	.7	.7	.4									1.8	4.4
WSW	.6	.4	.1	.1								1.2	3.9
W	1.1	1.0	.5	.3								2.9	5.4
WNW	1.2	1.5	.6	.2	.1							3.5	5.4
NW	.8	2.2	1.8	1.1	.2							6.1	7.5
NNW	1.0	1.5	1.3	.4								4.1	6.2
VARBL													
CALM												36.6	
	18.1	28.1	13.8	3.1	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

03725
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	.5	.5	.0	.5								1.8	6.5
NNE	.2	.5	.1									.8	4.2
NE	.5	1.1	.4	.1								2.0	5.4
ENE	.7	.9	.2									1.6	4.3
E	.8	1.6	.4									2.8	4.6
ESE	1.4	.8	.1									2.3	3.6
SE	.9	1.6	1.2	.1								3.8	5.6
SSE	1.2	1.9	1.2	.1								4.5	5.3
S	1.5	2.4	.5	.3								4.7	4.8
SSW	.3	.2	.5									1.6	5.7
SW	.3	1.0	.2									1.5	4.7
WSW	.2	.2	.2									.5	5.2
W	.4	.8	.4									1.5	5.6
WNW	1.8	1.2	.7									3.7	4.0
NW	2.0	1.6	1.3	.5	.1							6.4	5.4
NNW	.3	.9	.8	.3								2.3	6.7
VARBL													
CALM												58.7	
	13.8	17.1	8.6	1.7	.1							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

1302

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93723
STATION

FOPT BELVOIR VA/CAVISON AAF
STATION NAME

57-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.7	.6	.1								3.2	5.1
NNE	.3	.2	.1									.6	4.0
NE	.4	.7										1.1	4.3
ENE	.2	.1	.2									.6	4.3
E	.6	.7	.2									1.5	4.3
ESE	.3	.1	.1									.5	3.3
SE	.6	.2	.2									1.0	4.0
SSE	2.1	2.4	.4									4.9	4.0
S	2.4	2.4	.4									5.6	3.7
SSW	.2	.2	.2									1.2	4.3
SW	.3	.6	.2									1.2	4.2
WSW	.4	.2	.2									.6	3.5
W	1.0	1.0	.2									2.1	3.8
WNW	1.9	1.1	.2									2.8	3.6
NW	3.3	1.3	.4	.2								5.2	3.7
NNW	.6	1.1	.6	.2								2.4	5.6
VARBL													
CALM												65.6	
	16.0	14.4	3.7	.4								100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSJUN
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	.2									2.7	3.9
NNE		.5										.5	4.5
NE	.1	.5	.2									.8	5.5
ENE	.3	.2	.2									.7	4.7
E	.3	.4	.3									1.2	5.2
ESE	.2	.2	.1									.5	4.2
SE	.4	.6	.1									1.3	4.4
SSE	1.7	1.1	.1									2.9	3.4
S	1.0	1.3	.4									3.7	3.9
SSW	.4	1.1	.3									1.8	4.7
SW	.3	.6										.7	3.7
WSW	.7											.2	2.3
W	1.7	.9	.2									2.0	3.9
WNW	1.7	1.0	.2									2.9	3.7
NW	2.4	2.1	.4	.2	.1							5.2	4.5
NNW	1.1	1.4	.3	.2								3.0	4.7
VARBL													
CALM												69.8	
	13.2	13.6	2.9	.5	.1							100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93729
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.8	.8	.2								4.4	4.8
NNE	.3	1.5	.5									2.3	5.2
NE	.2	1.1	.3									1.7	5.6
ENE	.1	.2	.2									.6	5.1
E	.7	1.0	.3									2.1	4.7
ESE	.9	.5	.2									1.1	4.0
SE	.0	.6	.2									1.2	4.3
SSE	1.3	.6	.2	.1								2.2	3.9
S	3.3	4.3	1.0									9.0	4.3
SSW	1.9	2.1	.8									4.4	4.5
SW	1.3	1.7	.4									3.4	4.3
WSW	.8	.6	.2									1.5	3.6
W	1.4	.9										2.3	3.4
WNW	1.0	1.0	.4	.1								3.1	4.2
NW	2.6	2.9	2.1	.2								7.8	5.3
NNW	2.1	2.5	1.8	.2								6.5	5.3
VARBL													
CALM												46.2	
	19.1	23.7	9.5	.7								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

83726
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSJUN
MONTHALL WEATHER
CLASS0900-1100
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	2.9	.6								7.3	6.6
NNE	.8	1.9	.9	.1								3.5	5.2
NE	.8	1.7	1.3									3.3	5.5
ENE	.4	.7	.6									1.7	5.4
E	1.0	1.7	1.0	.2								3.8	5.3
ESE	.6	1.1	.5									2.2	4.9
SE	1.3	2.3	1.0									4.6	4.6
SSE	1.0	1.8	.4	.4								3.7	5.5
S	3.3	7.1	3.4	.4								14.3	3.4
SSW	1.7	3.4	2.1	.4								7.6	5.9
SW	1.7	2.6	1.0									4.9	4.5
WSW	.7	1.2	.7									2.6	5.0
W	1.1	1.4	1.5	.2								4.2	5.6
WNW	1.0	.7	.6	.2	.2							2.8	6.4
NW	1.3	2.2	3.2	1.7	.2							8.7	7.9
NNW	.7	2.8	2.5	1.0								6.9	7.2
VARBL													
CALM												17.2	
	18.6	35.0	23.7	5.2	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93722
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JULY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	3.2	.2								6.1	6.4
NNE	.4	1.4	.7									2.2	5.3
NE	.6	1.3	.5									2.4	5.3
ENE	.4	.2	.2									1.1	4.7
E	.4	1.7	1.3									3.3	5.3
ESE	.8	1.4	.6									2.9	5.0
SE	.9	3.1	1.9	.2								6.0	6.0
SSE	1.0	3.1	2.6									6.7	5.9
S	2.7	7.1	7.5	.7								18.1	6.4
SSW	.2	4.3	2.8	.4								7.9	6.1
SW	1.4	1.4	1.4	.1								4.4	5.4
WSW	.5	1.0	.6									2.1	5.1
W	1.0	3.2	2.3	.3								6.8	6.0
WNW	.6	1.6	1.4	.6								4.2	7.0
NW	1.9	2.9	3.8	1.4	.1							9.6	7.4
NNW	.6	2.1	2.5	1.2	.1							7.0	7.7
VARBL												8.7	
CALM													
	14.3	30.3	33.7	4.2	.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

1200

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FIFT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	1.7	.2								5.3	5.7
NNE	.3	.8	.9									2.0	5.7
NE	.8	1.3	.6									2.7	4.7
ENE	.1	1.0	.3									1.3	5.3
E	.7	2.9	.3									4.0	4.9
ESE	.7	1.4	.4									2.5	4.7
SE	1.4	3.3	2.9	.1								7.8	5.8
SSE	1.7	4.3	2.9	.3								9.1	5.7
S	2.9	10.6	5.6	.4								19.6	5.7
SSW	1.0	3.3	2.0	.2								6.3	5.6
SW	1.3	2.5	.6									4.4	4.6
WSW	1.0	1.1	.3									2.4	4.0
W	1.0	2.0	1.4	.6								4.9	6.1
WNW	.5	1.8	1.7	.2	.3							4.4	7.2
NW	.7	2.9	3.3	1.2	.1							8.1	7.6
NNW	.5	2.2	1.7	.7								5.6	6.8
VARBL													
CALM												9.4	
	16.1	43.7	26.7	3.7	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1260

3
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

9372P
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.9	.6	.1								3.4	3.0
NNE	.2	.6	.2									1.1	4.2
NE	.9	.8										1.7	3.6
ENE	.5	.4										.9	3.6
E	.7	1.3	.2									2.5	4.2
ESE	1.0	.9	.1									2.0	3.5
SE	1.9	2.2	1.3	.2								5.6	5.0
SSE	3.7	4.7	.9	.1								9.4	4.2
S	5.2	5.6	.6	.1								11.5	4.0
SSW	2.2	1.6	.3	.1								4.2	3.8
SW	1.1	1.0	.1									2.1	3.8
WSW	.4	.4	.1									.9	4.1
W	1.3	1.3	.7	.1	.1							3.4	5.0
WNW	1.1	.8	.6	.2								2.7	5.3
NW	1.0	1.9	1.2	.2	.1							4.3	5.7
NNW	.6	1.6	1.0	.7								4.0	6.7
VARBL													
CALM												40.5	
	22.9	26.9	7.9	1.7	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728 STATION FORT BELVOIR VA/DAVISON AAF 57-70 YEARS JUN MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	.2	.2								1.5	5.9
NNE	.2	.6										.7	4.2
NE	.2	.3	.2									.7	4.7
ENE	.6	.2	.2									1.0	4.3
E	.6	.6	.2									1.4	4.1
ESE	.3	.7	.1									1.1	4.6
SE	.5	1.1	.7									2.3	5.1
SSE	3.3	2.7	.6									6.6	3.9
S	3.1	2.1	.4	.1								5.7	3.6
SSW	.7	.5	.2									1.3	3.6
SW	.3	.4	.2									.9	4.7
WSW	.3	.2	.2									.7	4.3
W	.8	.8	.2	.1								1.9	4.5
WNW	1.1	1.0	.2	.1								2.4	4.3
NW	2.7	1.3	.6	.3	.1							5.1	4.6
NNW	.9	.9	.8	.2	.1							2.8	3.9
VARIL													
CALM												63.9	
	19.7	14.4	4.9	.9	.2							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIP.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.5	.1									1.4	3.9
NNE	.3	.2										.5	3.2
NE		.4	.2									.5	6.0
ENE	.1		.2									.2	7.7
E	.1	.2										.2	4.7
ESE	.4	.1										.5	2.5
SE	.4	.5	.1									.9	3.9
SSE	1.5	1.2	.5									3.3	4.3
S	1.7	2.3	.2	.1								4.2	4.0
SSW	.8	1.2	.2									2.2	4.2
SW	.7	.9	.5									2.2	4.8
WSW	.2	.4	.1									.7	3.9
W	1.2	.4										1.6	3.0
WNW	2.2	.8	.2									3.2	3.1
NW	2.8	1.5	.2	.1								4.7	3.7
NNW	.0	1.0	.2									2.1	4.0
VARBL													
CALM												71.6	
	14.1	11.6	2.5	.2								100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 1299

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

9372B
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	.3									1.8	5.2
NNE	.6		.2	.1								.8	4.1
NE	.1	.2										.3	4.0
ENE	.2											.2	1.7
E	.1	.2										.2	4.0
ESE	.2	.1										.2	3.0
SE	.4	.2										.5	3.1
SSE	1.5	.6	.3									2.4	3.8
S	1.2	1.2	.5									2.9	4.1
SSW	.7	.8	.2									1.8	4.3
SW	.2	.5	.1	.1								.8	5.5
WSW	.3	.1	.2									.8	4.3
W	1.2	.7	.1									2.0	3.5
WNW	2.4	.8	.1									3.3	3.0
NW	3.1	1.5	.3									4.9	3.4
NNW	1.1	1.2	.1									2.5	3.7
VARBL													
CALM												74.5	
	13.9	9.1	2.3	.2								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	1.2	1.2	1.2	.2								3.8	5.4
NNE	1.2	.6										1.8	3.4
NE	.6	.7	.3									1.6	4.4
ENE	.4	.2	.1									.7	3.7
E	.7	.5										1.2	3.4
ESE		.1										.1	5.0
SE	.9	.8										1.2	3.5
SSE	.7	1.2	.5									2.3	4.8
S	1.5	2.2	.5									4.1	3.9
SSW	1.2	1.8	.3									3.2	4.2
SW	1.2	2.1	.4	.1								3.8	4.7
WSW	.3	1.0	.1									1.4	4.1
W	1.1	1.3	.2									2.7	4.1
WNW	2.0	.6	.3	.1								3.1	3.5
NW	3.2	2.9	1.3	.2								7.6	4.5
NNW	1.4	2.3	.8	.1								4.6	5.0
VARBL													
CALM												56.8	
	17.1	19.2	6.0	.6								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS

1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVIDSON AAF
STATION NAME

57-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.8	1.5	.0								8.3	6.0
NNE	1.2	1.6	.2									2.9	3.9
NE	1.3	1.2	.7									3.5	4.4
ENE	.8	1.2	.3									2.1	4.6
E	1.0	1.2	.7									3.2	4.7
ESE	1.0	.7										1.7	3.5
SE	1.2	2.0	.5									3.7	4.6
SSE	1.5	1.8	.8	.2								4.3	5.0
S	2.8	4.4	1.9	.2								9.3	4.8
SSW	1.7	2.4	1.1	.3								6.0	5.1
SW	1.1	2.8	.9	.3								5.1	5.4
WSW	1.0	1.2	.4									2.5	4.2
W	1.8	1.9	1.1	.1								4.9	4.6
WNW	1.3	2.0	1.3	.4								5.0	5.7
NW	1.7	3.6	3.5	.7								9.5	6.6
NNW	1.4	2.9	2.6	.5								6.9	6.3
VARBL													
CALM												21.0	
	22.3	35.4	18.0	3.3								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93722

STATION

FORT BELVOIR VA/DAVISON AAF

STATION NAME

57-70

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	1.4	2.8	1.8	.5								6.5	5.4
NNE	.7	.2	.4	.1								1.4	5.1
NE	1.0	1.2	.4									2.6	4.2
ENE	.8	.8	.5									2.0	4.9
E	1.0	2.1	.6									3.7	4.6
ESE	.9	1.2	.4									2.6	4.4
SE	.8	1.8	1.2	.3								4.2	6.3
SSE	1.2	2.7	1.9	.2								6.1	5.8
S	2.8	6.9	4.7	.7								15.1	5.8
SSW	1.2	3.4	2.5	.2	.1							7.2	6.1
SW	1.2	2.2	1.8	.1	.1							5.3	6.0
WSW	.6	1.2	.7									2.8	5.0
W	1.2	2.9	1.9	.2								6.3	5.7
WNW	1.1	1.9	2.0	.2	.1							5.2	6.4
NW	1.2	4.0	4.5	1.2								10.8	7.0
NNW	1.2	3.2	2.4	.9								7.5	6.0
VARBL													
CALM												10.8	
	18.4	39.0	27.6	4.0	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

1302

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

93729
STATION

FORT BELVUE VA/DAVISON AAF
STATION NAME

57-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	1.8	.2								5.2	5.6
NNE	.6	1.3	.2		.2							2.4	5.2
NE	.5	1.1	.2	.1								1.9	5.2
ENE	.7	.6	.2									1.6	4.2
E	.9	1.2	.5	.2								2.7	4.9
ESE	.6	1.4	.4	.1								3.0	4.8
SE	1.9	2.8	1.4	.2	.1							6.0	5.6
SSE	1.7	3.4	1.0	.2								7.1	5.4
S	3.1	8.7	4.8	.2	.1							17.7	5.4
SSW	2.0	3.8	1.6	.2								7.7	5.3
SW	.5	2.8	1.8	.2								5.2	6.1
WSW	.7	1.2	.5									2.4	5.0
W	1.3	3.9	1.3	.1	.1							6.2	5.2
WNW	.5	2.2	.8	.2	.2							4.8	6.4
NW	.9	2.3	3.8	.5	.1							7.8	7.1
NNW	.6	2.4	2.9	.2	.1							6.0	7.1
VARBL													
CALM												13.1	
	18.6	41.2	23.0	2.2	.6							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	1.0	.2								2.3	6.6
NNE	.3	.4	.2									.8	4.0
NE	.3	.4	.2	.1								.9	4.9
ENE	.4	.3										.7	3.2
E	1.0	.6	.2									1.8	3.5
ESE	1.2	.8	.4									2.3	4.0
SE	1.7	2.2	.3	.2								4.3	4.4
SSE	3.9	3.5	1.0									8.0	4.1
S	5.0	6.9	1.9	.2								14.1	4.5
SSW	1.8	1.5	.2	.2								3.7	4.2
SW	1.0	1.8	.4									3.5	4.0
WSW	.5	.4	.2									1.0	4.2
W	.9	1.0	.3	.1								2.3	4.5
WNW	1.2	1.0	.4			.1						2.7	4.7
NW	1.4	.7	.9	.3		.1						3.6	5.6
NNW	.5	1.0	.7	.2								2.4	5.8
VARBL													
CALM												45.5	
	21.9	22.9	8.1	1.4		.2						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

1302

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

9372A
STATION

FORT BELVOIR VA/ AVISON AAF
STATION NAME

57-70
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	.4	.4	.2	.2								1.2	5.5
NNE	.1	.2	.2									.5	5.0
NE	.2	.2	.1									.5	4.0
ENE	.2	.1	.4									.8	5.7
E	.1	.2	.2									.5	6.5
ESE	.5	.2		.1								.9	4.0
SE	1.7	.7	.2									2.2	3.9
SSE	1.3	1.4	.4	.1								3.2	4.4
S	3.0	3.2	.5									6.7	4.0
SSW	1.0	.5	.1	.1								1.6	4.0
SW	.7	.6	.4									1.7	4.5
WSW	.5	.2	.3									1.0	4.2
W	.9	.4	.2	.1								1.5	4.1
WNW	1.4	.7	.2	.2								2.4	4.2
NW	2.7	2.1	.3	.2								5.3	4.0
NNW	.8	.4	.6									1.5	4.6
VARBL													
CALM												68.0	
	15.1	11.5	3.9	.6								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93722
STATION

FORT REILVOIR VA/DAVISON AAF
STATION NAME

57-70
YEAR

AUG.
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.0	.2									2.1	4.1
NNE	.2	.2	.2									.5	3.3
NE		.1	.5									.2	7.9
ENE		.1	.1									.2	7.0
E	.5	.3										.8	3.3
ESE	.1	.3	.2									.9	4.4
SE	.5	.3										.8	3.3
SSE	2.1	1.3	.3									3.7	3.6
S	1.4	2.0	.2									3.6	4.1
SSW	.6	.5	.1									1.2	3.8
SW	.7	.6	.1									1.4	2.6
WSW	.4	.2										.5	3.3
W	1.2	1.0	.1									2.2	3.7
WNW	2.2	.9	.2									3.3	3.2
NW	2.5	1.8	.2	.3								4.8	4.3
NNW	1.3	1.0	.3									2.6	4.1
VARBL													
CALM												70.8	
	4.6	11.8	2.5	.3								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVIER VA/DAVISON AAF
STATION NAME

57-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.8	.1									2.0	3.5
NNE	.4	.4	.2									1.0	4.4
NE	.2	.2	.2									.7	5.7
ENE													
E	.5	.2										.6	3.0
ESE	.1	.1	.1									.2	4.3
SE	.5	.4	.1									1.0	3.8
SSE	1.0	.6	.1									1.7	3.6
S	.8	1.3	.4									2.5	4.7
SSW	.5	1.1	.1									1.6	4.1
SW		.3										.3	4.3
WSW	.3	.2										.5	3.4
W	2.1	.8	.1									2.9	3.1
WNW	2.6	1.3	.2	.2								4.2	3.6
NW	2.6	1.5	.7									4.8	4.1
NNW	1.1	1.5	.2									2.8	4.1
VARBL													
CALM												73.1	
	13.7	10.7	2.4	.2								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS

1300

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93720
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.7	.5	.2								4.0	4.6
NNE	.8	.8	.2									1.7	4.4
NE	.7	1.2	.5									2.3	4.6
ENE	.4	.4	.2									.9	4.5
E	.2	.5		.1								.8	4.4
ESE	.2	.3	.2									.7	4.6
SE	.5	.2	.1									.8	3.6
SSE	.8	1.2										2.0	3.6
S	1.6	1.9	.5									4.0	4.3
SSW	.5	1.5	.5									2.5	4.8
SW	.5	.6	.5									1.5	4.9
WSW	.5	.4	.2									1.1	4.3
W	2.2	1.2	.2	.1								3.6	3.7
WNW	2.2	1.1	.5	.2								3.8	4.2
NW	2.8	2.5	.9	.2								6.5	4.5
NNW	2.2	2.1	.5	.1								4.8	4.5
VARBL													
CALM												59.0	
	17.7	17.4	5.1	.8								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93720
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSAUG
MONTHALL WEATHER
CLASS0900-1100
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	1.6	4.7	2.8	.2								9.3	5.6
NNE	.9	1.8	1.2	.2								4.1	5.4
NE	.8	1.7	1.0	.2								3.7	5.3
ENE	.3	1.2	.3	.1								2.1	5.1
E	1.6	2.5	.7									4.8	4.7
ESE	.7	1.8	.3									2.8	4.6
SE	1.1	1.8	.7									3.6	4.9
SSE	.7	1.3	.5	.1								2.6	5.0
S	1.6	4.3	2.8	.2								9.0	5.6
SSW	1.2	3.5	1.2	.1								6.0	5.0
SW	.5	2.1	1.2									4.2	5.1
WSW	1.2	1.2	.5									2.8	4.2
W	1.8	2.3	1.1	.3	.1							5.6	5.2
WNW	1.3	1.3	1.6	.3								4.5	6.0
NW	1.5	3.0	2.6	.8	.1							8.0	6.3
NNW	1.4	2.2	2.1	.7								6.4	6.3
VARBL													
CALM												20.5	
	18.9	26.7	20.6	3.1	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATIONPORT HELVIER VA/DAVISON AAF
STATION NAME57-70
YEARAUG
MONTHALL WEATHER
CLASS1200-1400
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	1.0	3.7	2.6	.2	.1							7.7	6.3
NNE	.8	1.6	.8	.2								3.3	5.3
NE	.9	.7	.8									2.1	5.3
ENE	.3	1.0	.5									1.0	5.4
E	1.4	1.9	.8	.2								3.9	4.9
ESE	.2	2.2	.3	.2								2.0	5.3
SE	1.1	2.8	2.0									5.8	5.6
SSE	.9	2.2	1.0	.2								4.4	5.6
S	1.5	7.1	4.8	.4								13.8	6.2
SSW	1.3	3.0	2.3	.4								7.0	6.0
SW	1.6	3.3	1.4	.2								6.5	5.3
WSW	.9	1.1	.9									2.5	5.7
W	1.3	3.5	1.3	.4								6.9	5.7
WNW	.7	2.2	2.5	.4	.2							5.9	6.9
NW	.6	3.6	4.2	1.3	.1							9.8	7.6
NNW	.9	2.2	1.9	.9								5.1	6.9
VARBL													
CALM												11.1	
	13.5	42.0	28.2	4.7	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.8	2.2	.5								7.8	6.0
NNE	1.0	.6	.5									2.1	4.5
NE	.6	.6	.2									1.4	4.2
ENE	.3	.6	.4									1.3	5.3
E	1.1	2.2	.9									4.2	5.1
ESE	1.2	2.1	.8									4.1	5.0
SE	1.2	3.0	2.1	.1								6.4	5.5
SSE	1.5	3.5	2.2									7.2	5.3
S	2.8	7.8	4.0	.5								15.2	5.6
SSW	1.3	4.5	1.7	.2								7.7	5.3
SW	1.3	3.3	1.3	.1								6.0	5.1
WSW	.4	1.1	.1									1.5	4.2
W	1.3	2.7	.5	.2								4.7	4.9
WNW	1.2	2.0	1.3	.5								5.1	6.0
NW	.7	3.5	2.9	.7								7.3	6.7
NNW	.7	2.4	2.9	.2								6.2	6.7
VARSL													
CALM												11.0	
	17.9	44.0	24.1	3.0								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1300

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/OAIVISON AAF
STATION NAME

57-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.7	.7	.1								4.1	4.4
NNE	.3	.5	.2									.9	5.1
NE	.2	.7	.2									1.2	4.5
ENE	.2	.4	.1									.6	4.6
E	1.2	1.5	.2									2.8	4.1
ESE	1.6	.9	.2									2.8	3.6
SE	2.1	2.5	.7									5.2	4.4
SSE	2.3	3.1	1.2									6.5	4.5
S	3.5	4.4	.4									8.2	3.9
SSW	1.7	1.5	.1									3.3	3.6
SW	1.4	1.0										2.4	3.4
WSW	.2	.2	.2									.5	4.4
W	.8	.7	.2									1.8	4.1
WNW	.5	1.0	.2		.2							1.9	5.6
NW	1.2	.8	.5	.2	.1							3.0	5.3
NNW	1.2	1.4	.6	.2								3.3	4.7
VARBL													
CALM												51.4	
	20.2	22.1	5.5	.5	.2							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	.5	.8	.5	.1								2.2	4.7
NNE	.5	.2										.5	3.1
NE	.2	.4	.1									.7	4.2
ENE	.2		.1									.2	3.8
E	.5	.7										1.2	3.9
ESE	.6	.3										1.1	3.4
SE	1.2	.6	.2									2.1	3.5
SSE	1.2	2.0	.3	.1								3.6	4.4
S	2.3	2.2	.5		.1							5.1	4.1
SSW	.9	.6	.1									1.8	3.8
SW	.5	.5	.2									1.2	4.1
WSW	.4	.1	.1									.3	3.9
W	.1	.4	.2									1.4	3.9
WNW	1.7	.7	.1									2.5	3.1
NW	2.2	1.4	.8	.1								4.4	4.3
NNW	.5	.2	.2									1.2	4.9
VARBL													
CAUM												70.0	
	14.6	11.6	3.3	.2	.1							100.0	1.2

TOTAL NUMBER OF OBSERVATIONS

1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.1	1.4	.2								4.1	5.9
NNE	.4	.5	.1	.1								1.0	4.9
NE	.5	.4	.2	.1								1.1	4.5
ENE		.3	.1									.4	5.6
E	.3	.4										.7	3.4
ESE	.3	.2										.5	3.3
SE	.7	.2										1.0	3.1
SSE	.9	1.3	.5									2.7	4.5
S	1.0	1.3	.3									2.7	4.1
SSW	.2	.5										.8	3.9
SW	.2	.2										.4	3.6
WSW	.2	.2										.3	3.5
W	1.2	.7										1.9	3.3
WNW	3.5	1.1	.2									4.8	3.0
NW	2.1	1.9	.7	.1								4.8	4.5
NNW	1.0	1.1	.3	.3								2.8	5.5
VARBL													
CALM												70.0	
	13.0	12.5	3.8	.7								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	.0	1.9	.8	.2								3.7	5.2
NNE	.2	1.4	.3									2.0	5.2
NE	.2	.6	.1									.8	5.0
ENE	.5	.3	.2									1.0	4.5
E	.3	.5										.8	3.8
ESE	.3	.2	.1									.6	3.9
SE	.5	.5	.3									1.3	4.6
SSE	.6	.7	.1									1.3	4.2
S	1.0	.9	.3									2.1	4.3
SSW	.4	.2	.1	.1								.7	4.7
SW	.4	.2										.6	3.3
WSW	.2	.1										.2	3.0
W	1.2	.8	.1									2.1	3.5
WNW	3.6	1.0	.2									4.8	3.0
NW	2.1	2.5	1.0	.2								5.8	4.8
NNW	1.3	2.1	.7									4.1	4.6
VARBL													
CALM												60.2	
	13.5	13.7	4.2	.5								100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

9372H
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.5	1.9	.2								7.2	5.4
NNE	.6	1.0	.2									1.8	4.8
NE	.5	.4	.2									1.1	4.6
ENE	.4	.3	.2									.9	4.4
E	.4	.3	.2									.9	4.5
ESE	.6	.5										1.1	3.4
SE	.2	.1	.2	.1								.6	5.8
SSE	.5	.7	.4									1.6	4.6
S	.6	1.6	.7									2.9	5.5
SSW	.2	1.0	.4	.2								1.8	6.2
SW	.6	.3	.3									1.2	4.6
WSW	.5		.2									.7	4.3
W	1.2	.3	.2									1.7	3.7
WNW	2.5	1.3	.5	.1								4.4	3.7
NW	3.3	3.0	1.3	.2	.1							7.9	4.6
NNW	1.5	2.9	1.3	.2								6.0	5.2
VAPBL													
CALM												58.2	
	15.2	17.2	8.4	.9	.1							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93720
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

SEP
MONTH

ALL WEATHER
CL-SE

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.8	4.1	.7								11.4	6.2
NNE	1.9	1.8	.9									4.6	4.6
NE	1.1	2.5	.7	.2								4.5	5.2
ENE	.7	1.9	.6									3.2	4.7
E	1.4	2.0	.8	.1								5.1	4.8
ESE	.8	1.3	.4									2.7	4.6
SE	1.0	1.4	.9									3.3	4.9
SSE	1.0	1.6	.6									3.2	4.7
S	1.4	4.8	2.1	.2								9.6	5.8
SSW	.6	3.1	1.4	.2								5.3	5.7
SW	1.6	2.1	.9	.2								4.8	4.9
WSW	.8	1.1	.2	.1								2.1	4.3
W	.7	1.3	1.3	.2		.1						3.6	6.3
WNW	.9	1.0	.9	.4	.2							3.3	6.9
NW	1.1	2.6	2.0	1.0	.1							6.8	6.9
NNW	1.4	2.5	2.5	.5	.1							6.9	6.5
VARBL													
CALM												20.6	
	18.2	36.8	20.2	3.8	.3	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

1260

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93728 STATION FORT BELVOIR VA/DAVISDA JAF STATION NAME 57-70 YEARS SEP MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	4.6	2.3	1.2								9.6	6.6
NNE	1.6	1.9	.8	.1								4.4	4.8
NE	.9	1.6	1.3									3.7	5.2
ENE	.9	1.0	.4									1.9	4.8
E	1.3	2.5	1.0	.1								4.8	5.1
ESE	1.0	2.3	1.0	.1								4.4	4.9
SE	.7	1.8	1.6	.3								4.4	6.1
SSE	.2	1.9	1.2	.2								3.6	6.3
S	2.1	5.6	3.2	.6								13.4	6.2
SSW	.8	3.3	2.4	.5								6.8	6.3
SW	1.0	2.8	1.7	.1								5.6	5.9
WSW	.2	1.0	1.3	.2								2.8	7.0
W	.9	2.3	.9	.2		.1						4.4	5.8
WNW	.4	1.8	1.3	1.3								4.8	8.0
NW	.7	3.2	3.5	1.1								8.5	7.1
NNW	1.3	2.9	4.5	.4		.1						7.1	6.4
VARBL													
CALM												9.8	
	14.6	40.4	28.8	6.2		.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1259

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	1.4	4.1	2.9	.6	.1							9.0	6.2
NNE	.6	2.1	.6	.1	.1							3.6	5.6
NE	.8	1.0	1.0									2.7	5.3
ENE	.9	.9	.2									2.0	4.1
E	1.7	1.6	1.0									4.2	4.5
ESE	1.6	1.3	.6									3.1	4.4
SE	1.1	3.0	1.7	.2								6.2	5.7
SSE	2.1	2.3	.9									5.2	4.3
S	3.0	7.4	4.3	.2								14.9	5.4
SSW	1.2	2.9	1.9									6.0	5.4
SW	1.1	3.2	1.3									5.6	5.0
WSW	.1	1.0	.2	.1								1.3	5.6
W	1.3	2.8	.7	.3								5.2	5.4
WNW	1.3	2.3	1.5	.8								6.0	6.2
NW	1.2	2.8	1.6	.6								6.1	6.2
NNW	1.7	2.1	1.3	.4								5.6	5.6
VARBL													
CALM												13.4	
	20.8	40.4	21.6	3.3	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93726
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSSEP
MONTHALL WEATHER
CLASS1050-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	.9	.1								4.1	5.2
NNE	.7	.6	.4	.1								1.3	5.9
NE	.7	1.0										1.7	3.8
ENE	.2	.6	.3									1.0	5.0
E	.4	1.1	.2									1.8	4.7
ESE	1.2	1.0	.3									2.4	3.8
SE	.6	2.3	.6	.3								3.8	5.5
SSE	1.0	3.0	.2									4.1	4.2
S	2.3	2.1	.2	.1								4.7	3.9
SSW	.7	1.0	.2									1.9	4.0
SW	.4	.4	.1									.9	3.8
WSW	.2	.2										.4	3.2
W	.3	.6										.9	4.2
WNW	1.6	1.2	.2									2.9	3.6
NW	1.3	1.7	.6									3.3	4.6
NNW	1.0	.6	.2	.2								2.1	4.5
VARBL													
CALM												62.5	
	13.3	19.4	4.0	.7								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 1200

3
DATA PROCESSING DIVISION
ETAG/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93723
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	.5	1.4	.6	.3								3.2	5.3
NNE	.4	.6	.3									1.3	5.1
NE	.7	.4	.2	.1								1.6	4.3
ENE	.3	.7	.1									1.1	4.2
E	.3	.7										1.0	4.0
ESE	.3	.4	.1									.6	4.1
SE	.6	.7	.2									1.6	4.5
SSE	1.3	1.5	.6									3.3	4.4
S	1.1	1.5	.4		.1							3.1	4.6
SSW	.3	.5	.2									1.0	4.0
SW	.7	.5		.1								.7	5.8
WSW		.6										.6	4.8
W	.7	.7	.4									1.8	4.6
WNW	2.3	1.3	.2			.1						4.1	3.3
NW	1.7	1.3	.3	.1								3.3	4.2
NNW	.1	.9	.3									2.0	4.8
VARBL													
CALM												70.8	
	12.2	13.3	3.7	.6	.1	.1						100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

ACT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4	1.3	.1								3.3	6.0
NNE	.4	.6	.3									1.3	5.1
NE	.5	.5	.2									1.1	4.7
ENE	.3	.1	.3	.1								.8	3.9
E	.4	.2	.5									1.1	5.1
ESE	.2	.7	.1									.5	4.0
SE	.4	.2										.6	3.3
SSE	.4	.5	.2									1.0	4.0
S	.8	1.2	.3									2.3	4.2
SSW	.5	.4	.2									1.0	4.1
SW	.2	.4										.5	4.1
WSW	.7	.3										.9	2.8
W	1.5	.7	.2									2.5	3.5
WNW	3.4	1.2	.4	.2								5.1	3.7
NW	3.5	2.2	2.1	.5								8.3	5.2
NNW	1.0	1.8	1.1	.2								4.1	3.6
VARBL													
CALM												65.6	
	14.7	11.7	7.0	1.2								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

03728
STATIONFMT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARS061
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.5	.7	.1								3.6	5.0
NNE	.2	.9	.1									1.2	4.6
NE	.3	.6	.6									1.5	5.4
ENE	.3	.2	.2	.1								.8	5.1
E	.3	.4	.2									.8	4.3
ESE	.3		.1									.6	2.5
SE	.1	.2										.2	3.3
SSE	.3	.2	.4									1.1	4.6
S	.6	1.2	.4									2.2	4.4
SSW	.7	.5	.1									1.3	3.4
SW	.3	.5	.1									.8	4.3
WSW	.2	.1										.2	2.3
W	1.1	1.1										2.2	3.4
WNW	3.3	1.2	.5	.1								5.1	3.7
NW	3.3	2.8	1.4	.8	.1							8.4	5.2
NNW	1.2	1.5	1.2	.2								4.1	5.6
VARBL													
CALM												65.7	
	13.5	13.4	5.8	1.2	.1							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS

1302

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0800
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	1.5	2.8	1.4	.4	.1							6.1	5.8
NNE	.2	.5	.2									.8	5.0
NE	.5	.5	.1									1.1	3.8
ENE	.3	.6	.4	.1								1.4	5.7
E	.6	.5	.2	.1								1.4	4.6
ESE	.3	.1	.1									.5	3.5
SE	.3	.3	.1									.7	3.7
SSE	.3	.2	.2									.8	4.7
S	.2	1.2	.4									1.8	4.9
SSW	.4	.6	.2									1.2	4.5
SW	.3	.4	.1									.8	4.3
WSW	.3	.3	.2									.8	4.6
W	1.5	.7	.2	.1								2.5	3.6
WNW	3.5	2.3	.5	.2	.1							6.6	4.2
NW	4.0	3.4	1.5	.5								9.4	4.7
NNW	1.2	1.7	1.3	.4		.2						4.1	5.2
VARBL													
CALM												59.4	
	15.4	16.1	7.1	1.6	.2	.2						106.0	2.0

TOTAL NUMBER OF OBSERVATIONS 1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93726
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.5	3.2	1.6	.2	.1						11.0	7.2
NNE	1.0	1.8	1.2	.1								4.1	5.3
NE	.7	1.4	1.7									3.8	6.0
ENE	1.0	.9	.5									2.4	4.5
E	2.0	1.7	.8	.2								4.7	4.5
ESE	1.2	1.1	.4									2.7	4.1
SE	1.2	1.4	.3									2.9	3.9
SSE	1.2	1.5	.3									3.0	4.2
S	1.9	2.5	1.3	.1								5.8	4.6
SSW	1.1	2.6	.7	.1								4.5	4.9
SW	.6	1.5	1.1									3.2	5.5
WSW	.4	.7	.3									1.4	5.1
W	1.4	2.1	.5	.4								4.4	5.2
WNW	1.0	1.2	1.2	1.1								4.5	7.6
NW	.8	3.2	3.3	3.2	.5	.1						11.1	8.9
NNW	.8	2.5	2.1	.8	.2							6.5	7.3
VARBL													
CALM												24.2	
	17.8	30.7	18.8	7.5	.8	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93726
STATION

FORT BELVOIR VA/DAVISIN AAF
STATION NAME

57-70
YEARS

UCT
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	5.1	2.8	1.3	.3							10.8	7.0
NNE	.8	1.6	1.1	.1								3.6	5.4
NE	.2	1.0	1.4	.4								2.9	7.4
ENE	.5	.8	.5									1.8	5.0
E	1.4	1.9	1.2	.2								4.7	5.3
ESE	1.3	1.5	.3									3.1	4.2
SE	1.3	3.2	1.3	.1								5.9	5.1
SSE	1.0	2.7	1.6									5.3	5.3
S	2.2	6.1	3.6	.6								12.5	5.8
SSW	.5	3.0	.0	.3								4.6	5.7
SW	.8	2.9	1.7	.1								5.5	5.6
WSW	.2	.4	.5									1.1	6.4
W	1.2	1.5	.7	.5								3.0	5.8
WNW	.5	1.2	2.4	1.7	.2							5.9	9.1
NW	.8	2.1	4.6	3.5	.5	.1						11.5	9.6
NNW	.5	2.0	2.7	.9	.3							7.2	7.9
VARBL													
CALM												9.8	
	14.5	37.7	27.1	9.6	1.3	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.1	2.7	.8	.1							8.7	6.3
NNE	1.1	1.2	.2									2.5	4.2
NE	.8	1.0	.3	.1								2.2	4.6
ENE	.5	.8	.2	.2								1.6	5.4
E	1.3	1.4	.8	.2								3.8	5.1
ESE	.8	.9	.5									2.2	4.5
SE	1.8	2.8	.8									5.5	4.4
SSE	2.5	2.6	.5									5.5	3.9
S	3.2	6.7	2.1	.1								12.1	4.8
SSW	1.6	2.5	.8									4.8	4.5
SW	1.1	2.0	1.2	.1								4.4	5.4
WSW	.5	1.2										1.7	4.1
W	.8	1.8	.5	.2	.1							3.4	5.6
WNW	.5	1.6	2.0	.9								4.8	7.8
WW	1.2	2.8	3.7	2.1	.2							9.9	8.0
NNW	1.3	2.8	2.5	.9	.2							7.8	7.4
VARBL													
CALM												19.0	
	21.0	34.9	18.9	5.6	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

0CT
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	1.0	1.8	.8	.1								3.7	4.9
NNE		.1	.3	.1								.5	7.5
NE	.1	.6	.1									.8	5.1
ENE	.1	.2	.1	.1								.4	6.4
E	.5	1.2	.2									2.0	4.7
ESE	.5	.2										.7	2.6
SE	.2	1.0	.2									1.5	4.9
SSE	1.2	1.0	.1									2.2	3.4
S	1.4	1.2	.4									2.9	3.9
SSW	.5	.6										1.2	3.8
SW	.6	.2										.8	2.9
WSW	.5	.2										.6	2.9
W	1.3	.6	.5									2.4	4.1
WNW	2.9	.6	.9	.3								4.9	4.4
NW	3.1	2.0	1.8	.5	.1	.1						7.6	5.5
NNW	1.2	1.2	.7	.4								3.4	5.7
VARBL													
CALM												64.4	
	15.2	12.7	6.1	1.5	.1	.1						100.0	1.7

TOTAL NUMBER OF OBSERVATIONS

1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

GCT
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	1.4	.6	.1	.2							3.1	5.9
NNE	.1	.1	.2									.4	5.8
NE	.2	.4	.2	.1								.8	6.1
ENE	.5	.5	.1									1.0	4.1
E	.8	.5	.3									1.7	4.2
ESE	.3	.2	.1									.6	4.0
SE	.5	.5										1.1	3.4
SSE	.7	.5	.2									1.4	3.7
S	.4	1.3	.2									1.9	5.0
SSW	.5	.4	.1									.9	4.5
SW	.2	.5	.1									.7	4.4
WSW	.1	.3										.4	3.8
W	1.2	.8	.2									2.1	3.5
WNW	3.8	.5	.2	.3								5.1	3.4
NW	3.0	2.4	2.2	.6	.2							8.7	6.1
NNW	.9	1.2	1.0	.3								3.5	6.0
VARBL													
CALM												66.7	
	13.4	12.2	5.7	1.6	.4							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSNNV
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.7	1.0	.3	.2							2.3	7.7
NNE	.1	.6	.1	.3								1.1	7.9
NE	.7		.5	.1								.7	7.3
ENE	.1	.1										.2	3.5
E	.7	.4	.2	.1	.1							1.4	5.3
ESE	.3	.3	.1									.7	3.8
SE	.6	.7	.2									1.5	4.3
SSE	1.0	.7										1.7	3.8
S	.8	1.7	.4									2.9	4.8
SSW	.7	.6	.3									1.7	4.3
SW	.7	.8	.2									1.8	4.8
WSW	.4	.3										.7	3.4
W	1.5	1.3	.7	.3	.2		.1					4.1	6.3
WNW	4.8	2.5	2.2	.9	.3							10.7	5.3
NW	2.1	1.8	2.2	1.0	.2							7.4	6.7
NNW	.3	1.7	.9	.3	.2							3.3	7.2
VARBL													
CALM												57.1	
	14.0	14.4	9.0	3.3	1.0		.1					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

9372A
STATION

FJRT BELVOIR VA/DAVIDSON AAF
STATION NAME

57-70
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	.5	.5								2.9	6.8
NNE		.2	.6	.7								1.6	9.0
NE	.3	.4	.2	.1								1.0	5.4
ENE	.3	.3										.6	3.6
E	.3	.3										1.2	2.9
ESE	.1											.9	2.2
SE	.3	.1										1.1	4.2
SSE	.3	.5	.2									1.2	4.4
S	.6	1.2	1.0	.1								3.3	5.7
SSW	.3	.8	.2									1.4	4.4
SW	.3	.6	.4									1.3	4.7
WSW	.4	.4										.8	3.4
W	1.3	.7	1.1	.2	.1							3.4	6.1
WNW	3.7	2.1	1.4	.9	.1							8.2	5.3
NW	2.0	2.1	2.1	1.0		.1						7.2	5.5
NNW	.7	1.7	1.7	.8								4.6	6.6
VARBL													
CALM												60.1	
	13.4	12.9	9.1	3.4	.2	.1						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93726
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	1.0	.2								4.0	6.5
NNE	.2	.2	.2	.1								.6	7.1
NE	.3	.2	.2									.8	4.3
ENE	.1	.2	.1									.7	3.2
E	.4	.2	.2									.9	4.7
ESE	.2	.2	.1									.7	3.9
SE	.6	.4	.2									1.2	3.9
SSE	.7	.2										1.2	3.5
S	1.4	1.2	.7	.2								3.6	4.8
SSW	.5	.2	.2									1.7	4.2
SW	.6	1.1	.2									1.9	4.3
WSW	.4	.2	.2									.8	4.6
W	1.8	1.7	.9	.2								4.3	4.9
WNW	4.2	1.2	2.0	1.1	.1							8.7	5.6
NW	1.8	2.1	3.2	1.7	.2							8.7	7.7
NNW	.4	1.4	1.4	.2	.2							3.6	7.4
VAFBL													
CALM												36.4	
	15.0	13.1	10.9	4.2	.3							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.5	2.1	1.3	.2							6.6	7.7
NNE	.7	1.0	.8	.1								2.6	5.8
NE	.9	.9	.2									2.0	4.5
ENE	.4	.7										1.4	3.5
E	1.4	1.7	.2									3.4	3.9
ESE	.9	1.0	.2									2.1	4.1
SE	1.1	1.4	.2	.2								2.9	4.6
SSE	.6	.9	.2	.1								1.8	4.8
S	1.6	2.9	2.0	.1	.1							6.7	5.5
SSW	1.2	2.2	1.4									4.8	5.2
SW	.7	1.4	.8									2.9	5.0
WSW	.3	.4	.7	.1								1.5	6.0
W	.9	1.1	1.3	.7	.3							4.3	7.9
WNW	.6	.7	1.7	3.0	.7							6.8	10.6
NW	.7	2.3	5.3	4.6	.7	.1						13.7	10.2
NNW	.8	1.7	3.1	1.7	.4	.1						7.7	8.9
VARBL													
CALM												28.6	
	13.7	23.0	20.4	11.8	2.4	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

1259

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FJRT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	2.6	1.0	.2	.1						6.5	7.8
NNE	.7	.8	1.3	.2								2.1	6.4
NE	.6	1.6	.6									2.8	4.9
ENE	.4	.4	.2									1.0	4.4
E	1.2	1.0	.2	.1								3.4	4.1
ESE	1.4	1.0	.2									2.6	3.8
SE	1.2	1.7	.4	.2								3.9	4.8
SSE	1.2	1.9	1.2	.3								4.8	5.7
S	2.1	4.0	2.7	.8								10.2	5.8
SSW	1.0	2.9	2.1									6.0	5.6
SW	.5	2.5	2.1	.2								5.3	6.2
WSW	.4	.6	.7	.1								2.0	5.6
W	.3	.8	2.1	1.4	.4	.1						5.2	9.8
WNW	.3	.8	2.5	2.1	1.0	.2						7.0	11.4
NW	.6	1.1	6.1	5.0	1.3	.2						14.3	11.1
NNW	.6	1.6	3.7	2.1	.4							8.3	9.3
VARBL													
CALM												13.7	
	13.7	26.0	29.2	13.5	3.2	.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CO-DITION

SPEED (KNTS) DIR.	1 - 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	2.2	1.6	.8								5.3	7.0
NNE	.6	1.4	1.0									3.0	5.5
NE	.6	.6	.2	.1								1.5	5.0
ENE	1.0	.4	.2									1.5	3.8
E	.8	.5	.4									1.7	4.4
ESE	.7	1.0	.3									2.1	4.6
SE	1.6	1.8	1.5	.2								5.2	5.3
SSE	2.1	1.8	.4	.1								4.4	4.2
S	2.3	5.4	1.8									9.5	5.0
SSW	.6	1.2	.7	.1								2.6	5.5
SW	.8	1.3	1.0	.1								3.1	5.4
WSW	.6	.4	.2	.1								1.3	4.9
W	.4	1.4	1.7	.8		.1						4.4	8.2
WNW	.8	1.7	2.3	2.1	.7	.1						7.8	9.6
NW	.6	2.5	5.4	3.9	1.1							13.4	10.0
NNW	.7	2.5	3.1	1.6	.2	.1						8.1	8.2
VARBL													
CALM												25.2	
	14.6	26.3	21.8	9.8	2.0	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1260

3
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93724
STATION

FORT BELVIER VA/DAVISON AAF
STATION NAME

57-70
YEARS

NOV
MONTH

ALL WEATHER
CL-88

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	.7	1.1	.11	.4	.1							3.1	6.9
NNE	.2	.5	.6									1.3	5.9
NE	.3	.2	.1									.6	3.1
ENE	.2	.1	.1	.1								.4	6.0
E	.2	.2	.2									.7	5.2
ESE	.6	.6	.3									1.7	4.1
SE	.6	1.1	.4	.2								2.3	5.4
SSE	.5	1.0	.2									1.8	4.8
S	1.7	1.8	.8									4.4	4.4
SSW	.4	.5	.2									1.1	4.6
SW	.2	.6	.2									1.0	5.0
WSW	.1	.3	.1									.5	5.0
W	1.1	1.1	.9	.4								3.5	5.8
WNW	2.0	2.1	1.3	1.5	.6							8.5	6.9
NW	2.0	2.9	2.5	2.5	.6							10.4	8.0
NNW	.6	1.0	.8	.4	.1	.1						3.0	7.1
VARBL													
CALM												55.7	
	12.9	15.1	9.5	5.5	1.3							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728 STATION FORT BELVOIR VA/DAVISON AAF 57-70 YEARS NOV MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.2	1.0	.7	.2							3.7	7.7
NNE	.2	.2		.1								.6	3.4
NE	.4	.2										.6	3.5
ENE	.4											.4	2.6
E	.2	.3	.2	.1								.8	5.0
ESE	.4	.3										.7	3.3
SE	.4	.9	.3									1.6	5.0
SSE	.4	.6	.4	.1								1.5	5.6
S	1.4	1.8	.6									3.8	4.6
SSW	.6	1.0	.3	.1								2.0	5.0
SW	.6	.7	.3									1.6	4.6
WSW	.2	.3	.2									.6	4.8
W	1.6	1.7	1.0	.3								4.6	5.6
WNW	3.0	2.0	1.3	1.6	.2	.1						9.0	6.1
NW	2.1	2.3	2.3	1.7	.3							8.7	7.3
NNW	.7	1.0	1.6	.5	.1							3.9	7.2
VARBL													
CALM												56.0	
	13.9	14.7	9.5	5.1	.8	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93725
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.4	.2								4.4	5.9
NNE	.1	.0	.2									1.0	4.9
NE	.2	.2	.1									.5	4.3
ENE	.2	.2	.1	.1								.5	5.7
E	.2	.2	.2	.2								.6	7.1
ESE	.2	.1										.4	2.2
SE	.1	.1	.1									.8	3.4
SSE	.3	.4										.7	3.2
S	1.2	.6	.4									2.2	4.2
SSW	.0	1.0	.3									1.9	4.4
SW	.3	.5										1.0	3.6
WSW	.1	.2										.7	3.4
W	1.2	1.5	1.3	.2								4.5	5.4
WNW	3.2	2.2	1.4	1.4	.2							8.4	6.4
NW	1.7	2.7	3.0	2.8	.2	.2						11.1	8.3
NNW	1.6	1.6	1.8	.8	.1							5.8	6.7
VARBL													
CALM												55.5	
	12.7	13.4	10.7	5.5	.5	.2						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

9372E
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	.4	1.5	.9	.2								3.2	5.7
NNE	.5	.4										1.1	3.1
NE	.3	.2	.1									.5	4.0
ENE	.5		.1	.2								.8	6.1
E	.6	.2	.1									.8	3.0
ESE	.3	.2										.5	3.3
SE	.1	.1	.1									1.3	3.9
SSE	.5	.2	.2									.5	5.9
S	.8	.7	.5	.1								2.1	5.1
SSW	.3	.7	.2									1.2	5.0
SW	.5	.7										1.4	3.5
WSW	.2	.2	.2									.7	5.0
W	1.4	1.7	.6	.2								3.8	4.8
WNW	2.3	2.3	1.5	1.5	.5	.1						8.2	7.4
NW	1.4	3.1	3.1	3.1	.2	.1						11.4	8.2
NNW	1.1	2.2	1.7	.5								5.5	6.4
VARBL													
CALM												57.0	
	12.4	14.1	9.1	5.8	.6	.2						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

1302

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93726
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

GEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	.7	.3								4.0	5.2
NNE	.5	.2	.2									.9	4.1
NE	.1	.5	.2									1.5	4.0
ENE	.4	.2	.2	.1								.8	4.9
E	.1	.4										.8	3.4
ESE	.2	.2										.5	3.0
SE	.2	.6	.1									.9	4.5
SSE	.2	.3	.1									.6	4.4
S	1.3	.8	.6									2.7	4.5
SSW	.1	.7	.5	.1								2.0	5.1
SW	.3	.4	.1									.8	4.5
WSW	.5	.3										.8	3.4
W	1.6	1.9	.6	.2								4.2	4.1
WNW	2.1	3.2	1.8	1.3	.2	.2						9.9	6.5
NW	1.0	3.3	2.8	3.1	.2	.3	.1					11.1	8.6
NNW	.1	1.5	2.1	.8								5.1	7.2
VARBL													
CALM												52.7	
	14.4	16.4	9.8	9.6	.4	.5	.1					100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

93778
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	1.1	2.4	1.6	.7								5.4	6.1
NNE	.9	.5	.3	.2								1.0	4.9
NE	.6	1.5	.5									2.5	4.6
ENE	.3	.9										1.2	3.9
E	.0	1.0	.2									2.0	3.8
ESE	.6	.3	.1									1.0	3.0
SE	.0	1.2	.2									2.2	4.0
SSE	1.1	.6	.2									2.0	4.0
S	1.2	2.8	1.6	.2								5.8	5.4
SSW	1.1	1.5	1.2	.2								3.9	5.3
SW	.5	1.3	.5	.1								2.4	5.3
WSW		.8	.2									1.1	5.4
W	1.2	2.2	.9	.7	.1							5.1	6.5
WNW	1.0	1.2	2.4	2.4	.6	.3	.2					8.4	10.8
NW	1.4	2.9	4.2	4.3	.9	.6						14.1	10.5
NNW	.4	2.2	3.2	1.6	.2	.1						7.6	8.6
VARBL													
CALM												33.2	
	13.1	22.9	17.4	10.0	1.9	1.4	.2					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1301

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.3	2.5	1.0								7.9	6.9
NNE	1.2	.8	.6	.2								2.8	5.2
NE	.4	1.2	.6									2.2	5.2
ENE	.7	.6	.1									1.1	4.6
E	.8	.6	.2									1.6	3.8
ESE	.5	.4	.2									1.2	4.4
SE	1.0	1.8	.2									3.7	3.8
SSE	.8	1.7	.5									3.0	4.7
S	2.2	5.1	3.2	.1	.1							10.6	5.6
SSW	.7	3.0	1.7	.2	.1							5.7	6.1
SW	1.1	1.2	1.2	.3								3.8	6.0
WSW	.5	.5	.5	.1								1.6	5.6
W	.8	2.0	2.2	1.7	.2	.1						6.8	8.4
WNW	.4	1.2	2.7	2.5	.8	.5	.2					8.3	11.7
NW	.1	1.8	4.7	5.4	1.1	1.0	.3					14.8	11.8
NNW	.2	1.7	3.9	1.6	.4							8.0	8.9
VARBL													
CALM												15.9	
	13.3	26.4	25.1	13.1	2.7	1.6	.5					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 1299

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.1	2.0	.3	.1							6.8	6.1
NNE	.8	1.0	.5	.1								2.3	5.1
NE	.5	.8	.4	.1								1.8	5.2
ENE	.6	.9	.2									1.5	4.2
E	.8	.5	.5									1.3	4.4
ESE	.8	.1	.1									1.0	2.8
SE	1.6	2.5	.4									4.5	4.2
SSE	1.3	1.7	.4									3.5	4.1
S	3.3	3.9	1.2	.2								8.5	4.4
SSW	.8	1.2	.5		.1							2.7	5.0
SW	1.2	1.2	.8	.1								3.3	5.0
WSW	.7	.4	.6		.1							1.8	5.5
W	.8	1.9	.8	.8	.1	.1						4.5	7.2
WNW	.5	2.0	2.7	3.1	.8	.2	.2	.1				9.5	10.3
NW	1.0	3.0	5.5	4.0	.6	.5	.1					14.6	9.8
NNW	.5	1.2	2.2	1.1	.7	.1						6.5	8.8
VARBL													
CALM												25.4	
	17.4	25.5	18.5	9.6	2.4	.8	.2	.1				100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

D/C
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	.7	1.3	.8	.2								2.9	5.9
NNE	.5	.3	.2	.1								1.1	5.2
NE	.2	.5	.5									1.3	5.9
ENE	.3	.5	.2									1.0	5.1
E	.8	.4	.2	.1								1.5	4.2
ESE	.5	.1										.6	2.4
SE	.6	1.2	.2									2.0	4.3
SSE	1.2	.4	.2									1.7	3.5
S	1.0	1.2	.4									3.4	3.8
SSW	.4	.9	.3	.1								1.7	5.5
SW	.4	.8	.1									1.2	4.3
WSW	.2	.3	.1									.6	4.3
W	.9	1.1	.8	.2		.1						3.1	6.0
WNW	2.4	2.0	2.6	2.1	.8	.5						10.3	8.7
NW	1.7	3.3	3.1	2.0	.7	.1						10.8	8.2
NNW	.8	1.8	1.5	1.1								5.1	7.4
VARBL													
CALM												51.6	
	13.4	16.0	11.2	5.7	1.5	.6						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

92728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	.0	.2								4.3	3.6
NNE	.5	.7	.2	.2								1.7	2.5
NE	.2	.7	.1									.9	4.8
ENE	.1	.2	.1									.3	5.0
E	.7	.2	.1	.1	.1							1.1	3.1
ESE	.1	.1										.2	2.5
SE	.7	.3										1.2	3.3
SSE	.5	.6										1.1	3.5
S	.7	.5	.2									1.5	4.2
SSW	.8	.8	.2	.1								1.9	4.5
SW	.5	.8	.2									1.5	4.4
WSW	.3	.3	.2									1.0	4.4
W	2.0	1.3	.2	.2								3.8	4.1
WNW	2.7	2.6	1.7	1.3	.5	.2	.1					9.3	7.6
NW	2.1	2.8	2.9	2.7	.8							11.2	8.3
NNW	.3	1.2	1.3	.9	.1							4.4	7.3
VARBL													
CALM												54.1	
	14.1	15.3	8.3	5.9	1.4	.2	.1					100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAG/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

92728
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSALL
MONTH

INSTRUMENT

CLASS

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

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.4	1.5	.5	.1							7.3	5.6
NNE	1.4	2.2	1.1	.2	.0							4.8	5.2
NE	1.2	3.0	1.3	.3	.0							6.2	5.3
ENE	1.2	1.9	.7	.1								3.9	4.9
E	2.3	3.2	1.3	.3	.0							7.0	4.9
ESE	1.2	1.1	.2	.0								2.0	4.1
SE	1.0	1.0	.0	.2		.0						3.7	5.3
SSE	1.0	1.4	.0	.1								3.2	4.5
S	1.6	2.5	1.0	.1	.0							5.2	4.9
SSW	.7	1.0	.4	.0								2.1	4.8
SW	.5	.3	.3	.1								1.6	5.2
WSW	.4	.4	.1	.0	.0							.8	4.1
W	.2	.8	.3	.1	.1	.0						2.0	5.1
WNW	1.0	.7	.4	.2	.1	.0						2.4	5.5
NW	1.2	1.7	1.4	.8	.1	.0						5.3	6.8
NNW	.7	1.4	1.1	.3	.0	.0						3.6	6.4
VARBL													
CALM												38.1	
	10.6	27.1	12.5	3.2	.4	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

12319

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

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 15 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.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq 5/16$	$\geq \frac{1}{8}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

CEILING VERSUS VISIBILITY

147 1011 INVERVIEW BLVD ST. LOUIS, MO

7-7.1

11

STATION

STATION NAME

YFARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

[illegible]TOTAL NUMBER OF OBSERVATIONS 1214

3

CEILING VERSUS VISIBILITY

STATION

STATION NAME

8-7-71

YEARS

MONTH

11

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	11.7	11.8	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.2
IV 18000 16000	11.3	11.6	12.1	13.1	14.1	15.1	16.1	17.1	18.1	19.1	20.1	21.1	22.1	23.1	24.1	25.1
IV 14000 12000	11.4	11.7	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.2
IV 10000 8000	11.7	11.8	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.2
IV 8000 7000	11.3	11.6	12.1	13.1	14.1	15.1	16.1	17.1	18.1	19.1	20.1	21.1	22.1	23.1	24.1	25.1
IV 6000 5000	11.4	11.7	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.2
IV 4500 4000	11.7	11.8	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.2
IV 3500 3000	11.3	11.6	12.1	13.1	14.1	15.1	16.1	17.1	18.1	19.1	20.1	21.1	22.1	23.1	24.1	25.1
IV 2500 2000	11.4	11.7	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.2
IV 1800 1500	11.7	11.8	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.2
IV 1200 1000	11.3	11.6	12.1	13.1	14.1	15.1	16.1	17.1	18.1	19.1	20.1	21.1	22.1	23.1	24.1	25.1
IV 900 800	11.4	11.7	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.2
IV 700 600	11.7	11.8	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.2
IV 500 400	11.3	11.6	12.1	13.1	14.1	15.1	16.1	17.1	18.1	19.1	20.1	21.1	22.1	23.1	24.1	25.1
IV 300 200	11.4	11.7	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.2
IV 100 0	11.7	11.8	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.2

TOTAL NUMBER OF OBSERVATIONS 9072

USAF ETAC

FORM
JUL 64

0-14-5(OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION 2372 STATION NAME 2nd & 1st Ave. S. AAF YEARS 57-70 MONTH 1-4

PERCENTAGE FREQUENCY OF OCCURRENCE

HOURS (L.S.T.) 11

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 641

CEILING VERSUS VISIBILITY

<u>STATION</u>	<u>STATION NAME</u>	<u>YEARS</u>	<u>VOLTS</u>
039	FILIPINOS / AMER.	7-71	6

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 2
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING IN 20000	57.6	51.8	52.0	52.2	51.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	
IN 18000 16000	56.1	57.4	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	
IN 14000 12000	57.0	57.5	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	
IN 10000 9000	57.2	57.6	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	
IN 8000 7000	57.3	57.7	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	
IN 6000 5000	57.3	57.7	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	
IN 4500 4000	57.3	57.7	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	
IN 3500 3000	57.3	57.7	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	
IN 2500 2000	57.3	57.7	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	
IN 1800 1500	57.3	57.7	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	
IN 1200 1000	57.3	57.7	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	
IN 900 800	57.3	57.7	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	
IN 700 600	57.3	57.7	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	
IN 500 400	57.3	57.7	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	
IN 300 200	57.3	57.7	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	
IN 100 0	57.3	57.7	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	

TOTAL NUMBER OF OBSERVATIONS 1037

DATA PREPARED BY DIVISION
NO. 123
AIR FORT. VICTOR

CEILING VERSUS VISIBILITY

STATION 1234567890 STATION NAME 1234567890 YEARS 1234567890 MONTH 1234567890
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)
HOURS (LST) 1234567890

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 20000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
8000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
7000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4500	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3500	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2500	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1800	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1500	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1200	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1000	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
900	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
700	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	72.4	88.8	94.4	98.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 10000

DATA PROCESSING DIVISION
 1. AF LTC
 AIR DATE 2 JUL 1966

CEILING VERSUS VISIBILITY

STATION 347 STATION NAME 347-10 YEARS MONTH 11 HOURS (LST) 11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	1.4	52.1	53.5	54.4	54.3	54.4	54.7	54.7	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	3.2	57.7	59.2	60.0	60.4	60.5	60.6	60.7	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.2
≥ 16000	5.1	57.8	59.4	60.1	60.5	60.7	60.7	61.0	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3
≥ 14000	8.3	58.2	59.8	60.4	60.5	61.1	61.2	61.4	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.7
≥ 12000	14.2	58.6	60.3	60.3	60.5	61.2	61.3	61.4	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.7
≥ 10000	25.4	55.0	57.0	58.0	60.4	61.7	61.7	61.9	61.9	62.1	62.2	62.2	62.3	62.3	62.3	62.3
≥ 9000	35.6	55.7	57.2	58.8	60.3	61.2	61.4	61.9	61.9	62.1	62.2	62.2	62.3	62.3	62.3	62.3
≥ 8000	46.2	58.5	61.0	62.2	62.7	63.0	63.3	63.4	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.7
≥ 7000	56.3	60.1	62.2	63.3	63.8	64.2	64.4	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7
≥ 6000	66.8	71.4	74.4	75.9	76.5	76.9	77.1	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5
≥ 5000	76.3	74.1	77.0	79.2	79.9	80.3	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	77.4	75.0	78.6	80.3	81.0	81.4	81.7	81.9	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3
≥ 4000	77.7	77.0	80.8	82.7	83.5	83.9	84.2	84.4	84.5	84.5	84.7	84.7	84.8	84.8	84.8	84.8
≥ 3500	77.9	81.5	83.7	84.2	84.5	84.8	85.3	85.5	85.5	85.7	85.8	85.8	85.8	85.9	85.9	85.9
≥ 3000	79.1	83.1	85.1	86.0	86.4	86.8	87.0	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500	79.9	84.1	86.1	87.0	87.4	87.8	88.0	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4
≥ 2000	80.9	85.2	87.4	88.3	88.5	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	81.1	85.4	87.7	88.6	89.1	89.5	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	81.6	85.6	88.4	89.4	89.7	90.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	82.2	87.6	89.9	90.8	91.2	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	82.5	87.5	90.1	91.5	92.1	92.7	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	82.6	87.8	90.5	92.0	92.7	93.4	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	82.9	88.3	91.2	92.6	93.6	94.3	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	83.1	88.7	91.6	93.4	94.2	95.1	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	83.2	88.9	91.9	93.9	94.3	95.8	96.4	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	83.3	89.0	92.1	94.5	95.5	96.7	97.4	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	83.3	89.0	92.2	94.7	95.7	97.1	97.9	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	83.3	89.0	92.2	94.8	95.8	97.2	98.2	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	83.3	89.0	92.2	94.8	95.8	97.2	98.2	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	83.3	89.0	92.2	94.8	95.8	97.2	98.2	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	83.3	89.0	92.2	94.8	95.8	97.2	98.2	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 10416

DATA PROCESSING DIVISION
USAF ETAC
414 FATEL ST VICK/AC

CEILING VERSUS VISIBILITY

STATION
147

STATION NAME
STATION

7m76

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.7	12.8	10.0	8.2	13.1	13.4	59.9	11.1	60.1	60.2	60.2	60.1	60.2	60.2	60.1	60.3
≥ 20000	15.1	10.2	10.5	11.5	17.4	13.4	6.7	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2
IV 18000	15.1	50.3	64.5	66.6	67.4	68.4	69.8	69.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.3
IV 16000	15.1	60.3	66.6	67.4	67.4	68.4	69.8	69.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.3
IV 14000	15.1	60.3	66.6	67.4	67.4	68.4	69.8	69.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.3
IV 12000	15.1	60.3	66.6	67.4	67.4	68.4	69.8	69.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.3
IV 10000	15.1	60.3	66.6	67.4	67.4	68.4	69.8	69.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.3
IV 9000	15.1	60.3	66.6	67.4	67.4	68.4	69.8	69.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.3
IV 8000	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 7000	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 6000	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 5000	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 4500	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 4000	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 3500	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 3000	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 2500	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 2000	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 1800	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 1500	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 1200	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 1000	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 900	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 800	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 700	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 600	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 500	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 400	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 300	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 200	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 100	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 0	17.1	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4

TOTAL NUMBER OF OBSERVATIONS 100.0

NAT. PRO. HIST. DIVISION
 BAF ETA
 12-14-61 10:55 AM

CEILING VERSUS VISIBILITY

637
STATION

1. The value of $\frac{dV}{dt}$ at $t = 0$ is 0 .

7-7-

YEARS

MONITORING

HOURS (L.S.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]TOTAL NUMBER OF OBSERVATIONS 144 3

ATA PROCESSING DIVISION
USAF ETAC
AIR CRAFT CONTROL VICTIMAC

CEILING VERSUS VISIBILITY

STATION NAME
PORT KAITUMA VICTIMAC

YEARS
1977-78

MONTH

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	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	1.6	7.6	12.7	15.6	16.9	17.2	17.4	17.8	18.1	18.3	18.4	18.4	18.4	18.4	18.4	18.4
≥ 20000	1.3	5.7	11.9	16.9	16.9	17.2	17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
18500	10.7	15.7	11.9	16.9	16.9	17.2	17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
16000	10.3	15.9	13.1	16.9	16.9	17.2	17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
14000	10.4	16.8	13.0	16.9	16.9	17.2	17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
12000	11.1	16.1	13.6	17.1	17.7	17.2	17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
10000	11.4	14.6	13.7	17.1	17.1	17.2	17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
9000	11.5	15.3	14.7	16.3	17.2	17.2	17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
8000	11.7	7.4	15.0	15.8	15.4	15.6	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
7000	11.9	10.1	15.8	15.7	15.3	15.2	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
6000	12.0	13.6	16.4	16.4	16.5	16.3	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
5000	12.2	19.9	17.9	16.9	16.1	16.2	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
4500	12.3	16.3	16.4	16.4	16.1	16.4	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
4000	12.4	11.6	17.9	16.2	16.4	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
3500	12.5	12.1	16.4	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
3000	12.6	13.1	16.7	16.2	16.6	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
2500	12.7	13.8	16.7	16.5	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
2000	12.8	14.4	16.5	16.5	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
1800	12.9	14.6	16.7	16.7	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
1500	12.8	14.9	16.2	16.3	16.9	16.3	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
1200	12.9	15.3	16.7	16.9	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
1000	12.8	15.6	16.2	16.5	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
900	12.8	15.6	16.1	16.1	16.7	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
800	12.8	15.8	16.5	16.1	16.1	16.3	16.8	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
700	12.9	15.9	16.7	16.2	16.3	16.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
600	12.9	16.0	16.9	16.5	16.7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
500	12.9	16.0	16.9	16.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
400	12.9	16.1	16.0	16.7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
300	12.9	16.1	16.0	16.7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
200	12.9	16.1	16.0	16.7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
100	12.9	16.1	16.0	16.7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
0	12.9	16.1	16.0	16.7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1

TOTAL NUMBER OF OBSERVATIONS 104.5

1. PROCESSING DIVISION
2. DATA
3. DATA

CEILING VERSUS VISIBILITY

STATION NAME
STATION NAME

YEARS

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	10.1	14.2	17.7	22.4	28.1	31.4	31.8	32.1	32.2	32.3	32.4	32.4	32.4	32.4	32.4	32.5
IV 18000	10.1	14.1	17.6	22.3	28.0	31.3	31.7	32.0	32.1	32.2	32.3	32.3	32.3	32.3	32.3	32.4
IV 16000	10.1	14.1	17.6	22.3	28.0	31.3	31.7	32.0	32.1	32.2	32.3	32.3	32.3	32.3	32.3	32.4
IV 14000	17.0	19.7	23.6	28.7	34.4	37.8	38.3	38.6	38.7	38.8	38.8	38.9	38.9	38.9	38.9	39.1
IV 12000	17.0	19.7	23.6	28.7	34.4	37.8	38.3	38.6	38.7	38.8	38.8	38.9	38.9	38.9	38.9	39.1
IV 10000	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 8000	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 7000	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 6000	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 5000	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 4500	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 4000	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 3500	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 3000	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 2500	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 2000	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 1800	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 1500	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 1200	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 1000	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 900	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 800	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 700	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 600	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 500	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 400	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 300	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 200	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 100	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6
IV 0	17.7	19.1	23.0	28.1	33.9	37.3	37.8	38.1	38.2	38.3	38.3	38.4	38.4	38.4	38.4	38.6

TOTAL NUMBER OF OBSERVATIONS 10275

DATA REPORT (191510)
 USAF ET-
 17 EASTERN PACIFIC

CEILING VERSUS VISIBILITY

017
 STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 20000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4500	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3500	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2500	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1800	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1500	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
900	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
800	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
700	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
600	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
500	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
400	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
300	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
250	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
100	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

TOTAL NUMBER OF OBSERVATIONS 10614

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼
NO CEILING ≥ 20000	5.6	17.0	21.5	27.0	53.4	51.6	51.7	55.4	53.5	55.7	54.2	54.4	54.1	54.1	54.5
18000	5.3	15.0	17.1	22.9	50.0	48.7	47.4	50.5	48.2	50.0	48.0	48.7	48.8	48.8	48.9
16000	5.3	15.1	17.2	22.9	49.3	48.2	46.4	49.1	46.6	48.7	46.7	47.0	47.1	47.2	47.3
14000	5.2	14.9	16.0	21.3	46.4	45.1	41.3	41.5	41.5	41.0	41.0	41.0	41.7	41.7	41.9
12000	5.9	16.3	16.5	20.1	44.7	43.4	44.1	44.3	44.3	44.3	44.3	44.3	44.5	44.5	44.6
10000	11.4	27.9	27.3	47.1	67.6	67.3	65.0	68.2	69.2	68.3	68.4	68.4	68.4	68.5	68.7
9000	11.3	22.7	22.0	47.0	66.3	66.7	64.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
8000	11.3	25.0	24.3	71.0	72.3	72.3	72.7	72.9	72.9	73.1	73.0	73.1	73.1	73.2	73.3
7000	11.3	15.0	21.0	73.8	74.3	74.3	72.0	75.3	75.2	75.1	75.3	75.1	75.4	75.4	75.5
6000	11.2	9.6	23.6	75.3	76.0	76.1	77.1	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.6
5000	11.3	12.0	70.3	76.2	77.1	77.1	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
4500	11.3	12.0	71.1	75.7	80.0	80.4	80.7	80.7	80.9	81.1	81.1	81.1	81.1	81.2	81.3
4000	11.2	14.9	77.3	81.5	82.4	82.5	83.2	83.4	83.4	83.5	83.5	83.5	83.7	83.7	83.8
3500	11.1	76.0	81.9	82.8	83.8	84.2	84.6	84.6	84.9	85.1	85.0	85.0	85.1	85.2	85.2
3000	11.1	7.2	81.9	84.4	85.3	85.9	86.4	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7
2500	11.1	74.2	81.1	85.4	86.8	87.2	87.7	87.9	88.0	88.1	88.2	88.2	88.2	88.3	88.3
2000	11.1	79.4	84.4	87.1	88.4	88.9	89.3	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7
1800	11.1	79.5	84.0	87.3	88.6	89.1	89.4	89.7	89.9	89.9	90.1	90.2	90.2	90.3	90.3
1500	11.1	80.1	85.3	88.1	89.2	89.0	89.6	89.7	91.0	91.0	91.2	91.2	91.2	91.4	91.4
1400	11.1	80.0	85.0	89.0	90.7	91.3	91.9	92.3	92.4	92.5	92.5	92.5	92.5	92.7	92.7
1000	11.1	80.8	86.4	89.5	91.3	92.0	92.0	93.2	93.3	93.3	93.5	93.5	93.5	93.7	93.7
900	11.1	81.0	85.0	89.8	91.4	92.3	93.3	93.7	93.8	94.0	94.0	94.1	94.1	94.2	94.4
800	11.1	81.0	86.7	90.3	92.0	92.8	93.7	94.2	94.3	94.6	94.6	94.7	94.7	94.8	94.9
700	11.1	81.2	86.9	90.3	92.4	93.3	94.3	94.9	95.0	95.2	95.4	95.4	95.5	95.6	95.7
600	11.1	81.3	87.0	90.4	92.7	93.7	94.9	95.4	95.6	95.7	96.1	96.1	96.2	96.3	96.5
500	11.1	81.4	87.2	90.7	93.2	94.3	95.5	96.7	96.3	96.1	97.0	97.0	97.2	97.3	97.5
400	11.1	81.4	87.2	90.8	93.4	94.5	95.7	96.8	97.0	97.7	98.0	98.0	98.2	98.3	98.5
300	11.1	81.4	87.2	90.9	93.4	94.5	96.1	97.1	97.2	97.9	98.3	98.3	98.6	98.7	98.9
200	11.1	81.4	87.2	91.2	93.4	94.5	96.1	97.1	97.3	97.3	98.5	98.5	98.8	98.9	99.1
100	11.1	81.4	87.2	90.8	93.4	94.5	96.1	97.1	97.3	97.3	98.5	98.5	98.9	99.1	99.1
0	11.1	81.4	87.2	90.8	93.4	94.5	96.1	97.1	97.3	97.3	98.5	98.5	98.9	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 100

DATE RECEIVED: DIVISION
USAF ETAC
FORM 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION NAME: STATION NAME: YEARS: MONTH: 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
18000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
16000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
14000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
12000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
10000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
9000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
8000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
7000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
6000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
5000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
4500	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
4000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
3500	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
3000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
2500	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
2000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
1800	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
1500	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
1200	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
1000	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
800	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
600	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
500	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
400	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
300	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
200	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
100	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
0	51.7	57.8	57.7	57.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9

TOTAL NUMBER OF OBSERVATIONS: 1001

20271

YEARS

0000-0. 00

0000-0. 00

TOTAL NUMBER OF OBSERVATIONS

12.6

3

UNITED STATES AIR FORCE
 1501 STATION
 1501 STATION

CEILING VERSUS VISIBILITY

STATION NAME: 1501 STATION

19-7

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1970-1971
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
≥ 20000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 18000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 16000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 14000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 12000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 10000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 9000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 8000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 7000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 6000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 5000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 4500	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 4000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 3500	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 3000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 2500	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 2000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 1800	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 1500	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 1200	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 1000	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 900	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 800	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 700	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 600	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 500	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 400	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 300	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 200	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 100	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
NW 0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8

TOTAL NUMBER OF OBSERVATIONS 12

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
CINCLANTFLT/AFCE/700

CEILING VERSUS VISIBILITY

STATION 177 STATION NAME 1ST SEVENTH AVIATION VIS STATION 50-71 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1971-01-01
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	17.6	50.8	54.5	55.2	55.4	55.9	56.2	56.5	56.6	56.7	56.7	56.7	56.7	56.8	56.8	57.0
18000	17.4	50.8	54.5	55.2	55.4	55.9	56.2	56.5	56.6	56.7	56.7	56.7	56.7	56.8	56.8	57.0
16000	17.2	50.8	54.5	55.2	55.4	55.9	56.2	56.5	56.6	56.7	56.7	56.7	56.7	56.8	56.8	57.0
14000	17.7	51.4	55.2	55.1	56.2	56.6	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.7
12000	18.2	52.3	57.0	57.7	58.1	58.5	58.9	59.1	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.4
10000	19.3	57.0	61.1	61.9	62.3	62.6	63.2	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.9
9000	19.2	57.8	62.1	62.9	63.3	63.6	64.0	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.7
8000	19.4	58.5	63.2	63.9	64.3	64.7	65.2	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
7000	20.9	62.9	67.7	67.7	69.2	69.7	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
6000	20.9	64.7	69.7	70.0	71.4	72.0	72.6	73.0	73.1	73.3	73.3	73.3	73.3	73.4	73.4	73.4
5000	21.2	67.7	72.8	74.0	74.2	75.4	75.9	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
4500	21.2	66.5	74.9	75.3	76.2	76.6	77.2	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
4000	21.3	70.3	75.8	77.3	75.5	78.9	79.5	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
3500	21.3	71.0	76.9	78.2	79.3	79.7	80.4	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
3000	21.3	71.9	77.5	79.7	81.1	81.5	82.2	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
2500	21.3	72.1	77.8	80.1	81.5	82.1	82.7	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
2000	21.5	72.4	78.2	81.6	82.2	82.3	83.6	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
1800	21.3	72.5	78.3	80.8	82.5	83.1	84.0	84.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
1500	21.3	73.5	79.4	81.9	83.8	84.4	85.2	85.5	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2
1200	21.3	73.9	80.0	82.5	84.5	85.1	86.2	86.6	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2
1000	21.3	74.4	80.6	83.4	85.4	86.1	87.0	87.7	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3
900	21.4	74.4	80.7	83.5	85.5	86.2	87.1	87.7	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6
800	21.5	74.6	81.0	84.0	86.3	86.9	87.9	88.8	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5
700	21.5	74.8	81.2	84.4	86.8	87.7	88.8	89.8	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7
600	21.5	74.9	81.4	84.5	87.0	88.1	89.2	90.2	90.6	91.2	91.3	91.3	91.3	91.3	91.3	91.3
500	21.5	74.9	81.5	84.7	87.3	88.3	89.4	91.1	91.3	92.1	92.3	92.3	92.3	92.3	92.3	92.3
400	21.5	75.1	81.7	85.3	87.8	88.9	90.3	91.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
300	21.5	75.1	81.7	85.2	88.1	89.2	90.7	92.7	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3
200	21.5	75.1	81.7	85.2	88.1	89.2	90.7	92.7	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3
100	21.5	75.1	81.7	85.2	88.1	89.2	90.7	92.7	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3
0	21.5	75.1	81.7	85.2	88.1	89.2	90.7	92.7	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
USAF ETAC
AIR BASE SERVICE/AC

CEILING VERSUS VISIBILITY

STATION 5172 STATION NAME 111V IR V/LAVISION AAF 58-73 YEARS MONTH JAN
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)
0000-1159 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	19.2	46.2	48.6	50.0	50.5	51.7	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 18000	20.8	51.7	54.8	56.3	56.8	57.2	57.3	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 16000	20.8	51.7	54.8	56.3	56.8	57.2	57.3	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 14000	21.9	52.2	55.3	57.0	57.5	57.9	58.0	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 12000	21.8	54.6	57.8	59.6	60.1	60.5	60.6	60.7	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 10000	22.7	59.4	63.0	65.5	65.7	66.0	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 9000	22.7	60.4	64.0	66.1	66.9	67.2	67.4	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 8000	22.5	62.9	66.9	69.2	70.1	70.5	70.8	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 7000	23.2	65.2	69.5	72.5	72.9	73.3	73.6	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 6000	23.3	66.3	70.9	73.4	74.4	74.9	75.2	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 5000	23.4	67.1	72.0	74.9	75.1	75.5	75.9	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 4500	23.4	68.1	73.4	76.1	77.0	77.5	77.8	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 4000	23.5	69.1	74.7	77.1	78.0	78.2	78.6	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 3500	23.5	69.2	75.0	78.4	80.4	80.9	81.3	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 3000	23.5	70.1	75.1	79.9	81.8	82.3	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 2500	23.5	70.6	75.6	81.0	82.7	83.4	83.8	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 2000	23.5	71.3	77.5	81.7	83.7	84.4	84.9	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 1800	23.6	71.5	77.8	82.1	84.0	84.9	85.3	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 1500	23.6	72.0	78.3	82.8	84.9	85.7	86.1	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 1200	23.7	72.5	78.8	83.6	85.9	86.8	87.3	87.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1000	23.7	72.5	79.1	84.0	86.3	87.2	87.7	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 900	23.7	72.5	79.1	84.0	86.4	87.3	87.8	88.2	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 800	23.7	72.5	79.2	84.2	87.3	87.9	88.7	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 700	23.7	72.5	79.4	84.5	87.7	88.6	89.5	90.4	90.6	91.2	91.5	91.7	91.8	91.9	92.1	92.2
IV 600	23.7	72.7	79.7	84.9	88.1	89.1	90.4	91.6	91.8	92.6	93.1	93.1	93.3	93.4	93.6	93.7
IV 500	23.7	72.8	80.0	85.1	88.6	89.7	91.3	92.6	93.0	93.9	94.5	94.5	94.7	94.8	95.0	95.1
IV 400	23.7	72.8	80.1	85.2	88.7	89.9	91.5	92.9	93.2	94.1	94.6	94.6	94.8	95.1	95.3	95.4
IV 300	23.7	72.8	80.1	85.2	88.9	90.0	91.6	93.3	93.7	94.7	95.0	95.2	95.4	95.7	95.9	96.1
IV 200	23.7	72.8	80.1	85.2	88.8	90.0	91.6	93.3	94.0	95.0	95.6	96.1	96.4	96.9	97.2	97.4
IV 100	23.7	72.8	80.1	85.2	88.8	90.0	91.6	93.3	94.0	95.1	96.4	96.7	97.2	97.7	98.5	98.7
IV 0	23.7	72.8	80.1	85.2	88.8	90.0	91.6	93.3	94.0	95.1	96.4	96.7	97.2	97.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
USAF ETAC
AIR ETAC 1-101/102

CEILING VERSUS VISIBILITY

STATION 5472 STATION NAME 101Y NEW YORK V. J. ADIS 0001 YEARS 1 MONTH 12 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	2.2	59.0	50.5	55.5	50.1	50.1	50.8	50.1	50.8	50.1	50.8	50.1	50.8	50.1	50.8	50.1
≥ 20000	5.6	56.9	57.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	4.6	57.0	57.8	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
≥ 16000	4.6	57.2	58.0	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	4.6	57.7	58.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	4.6	58.5	59.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 10000	4.6	59.1	60.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 9000	4.6	59.0	60.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 8000	4.6	58.2	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 7000	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 6000	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 5000	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 4500	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 4000	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 3500	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 3000	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 2500	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 2000	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 1800	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 1500	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 1200	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 1000	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 900	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 800	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 700	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 600	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 500	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 400	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 300	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 200	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 100	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 0	4.6	58.4	59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3

TOTAL NUMBER OF OBSERVATIONS 1200

DATA FOR CEILING VISIBILITY
 STATION NAME
 DATE

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1.0 = 1.00
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	6.4	11.4	11.5	11.5	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
IV 18000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 16000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 14000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 12000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 10000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 9000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 8000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 7000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 6000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 5000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 4500	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 4000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 3500	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 3000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 2500	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 2000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 1800	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 1500	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 1200	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 1000	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 900	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 800	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 700	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 600	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 500	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 400	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 300	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 200	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 100	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 0	7.4	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3

TOTAL NUMBER OF OBSERVATIONS 12

DATA REVISION NUMBER
 10-14-5 (OL 1)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION
 10-14-5 (OL 1)

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10-14-5 (OL 1)
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥ 20000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 18000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 16000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 14000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 12000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 10000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 9000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 8000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 7000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 6000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 5000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 4500	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 4000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 3500	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 3000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 2500	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 2000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 1800	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 1500	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 1200	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 1000	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 900	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 800	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 700	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 600	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 500	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 400	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 300	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 200	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 100	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
IV 0	1.1	4.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5

TOTAL NUMBER OF OBSERVATIONS 17.0

STANBURY AIRFIELD
CARTERS
1/10/11 11:10 AM

1871

YEARS

MONTH

HC 185 (L 51)

TOTAL NUMBER OF OBSERVATIONS 12

USAF ETAC FORM 0-14-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
≥ 20000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
18000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
16000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
14000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
12000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
10000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
9000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
8000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
7000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
6000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
5000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
4500	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
4000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
3500	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
3000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
2500	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
2000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
1800	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
1500	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
1200	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
1000	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
900	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
800	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
700	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
600	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
500	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
400	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
300	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
200	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
100	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
0	11.2	15.1	17.1	18.0	18.1	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5

TOTAL NUMBER OF OBSERVATIONS 11

3

DATA FROM SOURCE DIVISION
USAF ETAC
FORM 14-5 (OL 1)

CEILING VERSUS VISIBILITY

STATION

STATION NAME

7-7

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3 1 1 0 3 1 1
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 5	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING ≥ 2000	46.5	46.0	47.0	47.6	47.9	47.2	46.6	47.6	42.6	44.7	44.7	43.7	40.6	40.8	40.0
IV 18000	41.7	41.7	42.2	43.5	43.7	43.7	44.4	44.5	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 16000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 14000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 12000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 10000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 9000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 8000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 7000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 6000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 5000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 4500	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 4000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 3500	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 3000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 2500	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 2000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 1800	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 1500	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 1200	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 1000	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 900	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 800	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 700	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 600	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 500	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 400	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 300	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 200	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 100	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 0	41.8	41.8	43.0	43.6	43.7	43.7	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7

TOTAL NUMBER OF OBSERVATIONS

11 12

USAF ETAC

FORM
JUL 44

O-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA FROM 15 DIVISION
USAF ETAC
101 STATE SERVICE/AC

CEILING VERSUS VISIBILITY

STATION 15 DIVISION 101 STATE SERVICE/AC YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY (U.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	10.7	42.4	44.0	45.7	45.6	44.7	44.2	46.5	46.0	44.1	46.6	46.1	46.6	46.6	46.1	46.1
≥ 18000	7.7	7.6	50.2	50.0	51.1	51.5	51.9	52.3	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.7
≥ 16000	7.7	7.6	50.2	50.0	51.1	51.5	51.9	52.3	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.7
≥ 14000	7.8	7.9	51.2	51.2	52.0	52.2	52.6	53.1	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.3
≥ 12000	7.8	7.9	51.2	51.2	52.0	52.2	52.6	53.1	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.3
≥ 10000	14.5	53.6	50.5	57.3	54.2	53.4	54.8	50.2	54.2	51.2	54.4	54.4	54.4	54.4	54.4	54.4
≥ 9000	12.3	54.4	57.3	54.1	59.1	54.2	54.7	50.1	54.1	51.2	54.4	54.4	54.4	54.4	54.4	54.4
≥ 8000	10.2	55.7	52.0	61.4	61.4	61.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	10.3	55.7	51.7	62.5	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	11.2	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 5000	11.2	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 4500	11.2	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 4000	11.2	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 3500	12.2	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 3000	12.2	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 2500	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 2000	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 1800	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 1500	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 1200	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 1000	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 900	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 800	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 700	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 600	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 500	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 400	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 300	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 200	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 100	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 0	12.5	55.8	52.1	63.2	63.2	63.2	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6

TOTAL NUMBER OF OBSERVATIONS 11

DATA PROCESSING DIVISION
USAF ETAC
AIR LIAISON OFFICE

CEILING VERSUS VISIBILITY

STATION

STATION NAME

1-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7,000-11,000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	2.1	43.2	44.2	45.1	45.7	45.9	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2
IV 18000 16000	2.0	40.4	41.1	42.1	42.7	42.7	42.7	42.7	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.4
IV 14000 12000	2.1	38.5	39.2	40.2	40.8	40.8	40.8	40.8	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.4
IV 10000 9000	2.0	35.1	35.6	36.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
IV 8000 7000	2.0	31.7	32.4	33.5	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
IV 6000 5000	2.0	28.2	28.8	29.9	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
IV 4500 4000	2.0	24.7	25.3	26.4	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
IV 3500 3000	2.0	21.2	21.8	22.9	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
IV 2500 2000	2.0	17.7	18.3	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
IV 1800 1500	2.0	14.2	14.8	15.9	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
IV 1200 1000	2.0	10.7	11.3	12.4	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
IV 900 800	2.0	7.2	7.8	8.9	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
IV 700 600	2.0	3.7	4.3	5.4	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
IV 500 400	2.0	0.2	0.8	1.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
IV 300 200	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IV 100 0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

110

AT PL... DIVISION
 ...
 ...

CEILING VERSUS VISIBILITY

STATION NAME: ... YEARS: ... MONTH: ...
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	4.3	45.4	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 18000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 16000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 14000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 12000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 10000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 8000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 7000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 6000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 5000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 4500	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 4000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 3500	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 3000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 2500	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 2000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 1800	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 1600	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 1200	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 1000	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 950	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 800	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 700	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 600	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 500	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 400	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 300	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 200	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 100	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 0	0.2	3.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2

TOTAL NUMBER OF OBSERVATIONS: 111

CEILING VERSUS VISIBILITY

STATION

STATION NAME

1-11

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING ≥ 20000	2.4	45.4	33.5	40.5	40.1	46.1	46.3	41.5	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	2.1	44.2	35.0	25.2	35.3	55.5	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	2.3	46.7	22.2	35.4	35.3	55.5	55.7	54.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	2.7	35.3	55.5	31.1	55.5	55.5	55.3	50.7	50.3	21.5	55.3	25.3	55.3	55.3	55.3	55.3
≥ 12000	2.4	27.5	55.5	55.5	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000	2.0	22.3	34.5	66.0	61.1	61.1	66.2	65.7	66.3	65.6	65.3	65.6	65.6	65.6	65.6	65.6
≥ 9000	2.1	22.9	54.1	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	2.7	25.9	2.3	67.7	66.1	2.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	2.4	27.8	2.3	67.7	66.7	2.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	2.1	28.6	10.0	75.6	75.3	75.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 5000	2.5	21.3	26.5	75.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	2.3	22.2	2.3	75.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	2.3	22.2	2.3	75.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	2.1	25.2	22.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3000	2.1	27.7	22.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2000	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1800	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1600	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1500	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1200	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1000	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 900	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 800	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 700	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 600	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 500	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 400	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 300	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 200	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 100	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 0	2.2	20.9	2.3	77.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3

TOTAL NUMBER OF OBSERVATIONS 11

USAF ETAC

FORM
JUL 64

G-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

27-70

STATION

STATION NAME

YEARS

MONI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-31-2000
HOURS (L S T)

TOTAL NUMBER OF OBSERVATIONS 114

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING DIVISION
USAF ETAC
710 EAST 10TH AVENUE

CEILING VERSUS VISIBILITY

STATION NAME: 7-70 YEARS: MONTH: 2100-2300 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	2.7	4.6	10.0	50.2	50.0	30.7	51.0	21.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2
≥ 20000	3.4	5.0	10.5	50.6	57.2	57.3	57.0	57.0	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 18000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 16000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 14000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 12000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 10000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 9000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 8000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 7000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 6000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 5000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 4500	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 4000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 3500	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 3000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 2500	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 2000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 1800	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 1500	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 1200	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 1000	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 900	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 800	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 700	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 600	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 500	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 400	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 300	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 200	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 100	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 0	3.4	5.1	10.5	50.7	57.3	57.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9

TOTAL NUMBER OF OBSERVATIONS 1135

3

DATA PROCESSING DIVISION
USAF ETAC
AID EDITION 1-10-70

CEILING VERSUS VISIBILITY

STATION NAME: 17-70 YEARS: MONTH: 001-0700 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1 1/8	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2
NO CEILING ≥ 20000	54.6	55.7	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
18000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
16000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
14000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
12000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
10000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
9000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
8000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
7000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
6000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
5000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
4500	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
4000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
3500	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
3000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
2500	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
2000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
1800	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
1500	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
1200	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
1000	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
900	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
800	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
700	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
600	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
500	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
400	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
300	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
200	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
100	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
0	54.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7

TOTAL NUMBER OF OBSERVATIONS 1774

3

DATA PROCESSING DIVISION
USAF ETAC
AFM EAT 11 F VICE/MAC

CEILING VERSUS VISIBILITY

STATION
43700STATION NAME
FLYING V/DAVIS: AAF

7-70

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)HOURS (LST)
0000-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	1.2	22.4	54.1	53.9	53.9	54.1	54.0	54.1	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 18000 16000	1.2	57.7	54.9	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2
IV 14000 12000	10.2	58.4	60.4	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
IV 10000 9000	1.6	54.2	66.7	66.5	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 8000 7000	22.4	57.1	59.2	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 6000 5000	3.5	72.1	74.3	74.9	75.1	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 4500 4000	4.3	74.9	77.8	77.4	77.7	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 3500 3000	4.5	76.4	79.1	79.7	80.1	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 2500 2000	4.8	78.2	81.0	81.3	83.3	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 1800 1500	4.9	79.1	82.1	83.4	84.4	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 1200 1000	4.9	79.4	82.4	84.3	85.1	85.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 900 800	4.9	79.7	82.4	84.7	86.4	87.1	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 700 600	4.9	79.8	82.9	85.1	87.4	88.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 500 400	4.9	80.0	83.1	85.5	88.5	89.4	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 300 200	4.9	80.3	83.6	85.1	89.3	90.2	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 100 0	4.9	80.3	83.6	86.1	89.4	91.1	93.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS 1290

3

U.S. AIR FORCE DIVISION
USAF ETAC
10-14-5 (OL 1)

CEILING VERSUS VISIBILITY

STATION NAME: 7070 YEARS: 7070 MONTH: 7070

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.5	45.2	41.3	4.7	4.4	42.8	49.9	49.7	49.9	5.0	76.0	90.0	90.1	90.1	90.0	50.1
≥ 20000	4.5	45.2	41.3	4.7	4.4	42.8	49.9	49.7	49.9	5.0	76.0	90.0	90.1	90.1	90.0	50.1
IV 18000	12.3	50.1	52.8	54.4	55.1	55.8	55.0	56.1	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2
16000	10.3	52.2	52.8	54.5	55.2	55.8	55.3	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 14000	10.4	50.7	52.5	55.1	55.2	56.5	56.7	56.7	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.1
12000	10.7	52.2	55.2	57.1	57.0	57.4	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 10000	17.5	55.9	57.5	61.5	62.4	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
9000	17.5	56.4	58.2	62.2	62.0	61.5	63.0	63.2	63.9	64.0	64.2	64.2	64.2	64.2	64.2	64.2
IV 8000	17.2	58.8	63.1	64.2	66.1	66.1	66.8	67.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
7000	18.3	50.1	54.0	60.7	67.4	66.1	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 6000	18.8	52.2	55.9	60.7	70.8	70.8	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
5000	19.5	55.3	71.2	72.5	73.1	74.5	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 4500	18.8	56.4	71.4	73.7	75.1	75.5	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
4000	18.8	57.8	73.1	75.6	77.0	77.5	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 3500	19.2	58.9	74.2	77.0	76.4	78.9	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
3000	20.2	59.8	75.4	77.2	75.6	80.2	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 2500	20.2	70.2	77.9	78.9	81.4	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
2000	20.4	71.0	77.3	80.5	82.0	83.4	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 1800	20.4	71.2	77.2	80.0	82.0	83.8	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
1500	20.4	71.3	77.5	81.3	83.3	84.5	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1200	20.9	71.7	77.8	81.5	83.9	85.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
1000	20.5	71.5	78.1	81.9	84.5	86.0	87.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 900	20.5	71.8	78.2	82.1	85.1	86.8	87.9	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
800	20.5	71.8	78.2	82.2	85.3	87.1	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 700	20.3	71.8	79.2	83.3	85.5	87.5	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
600	20.5	71.9	78.3	82.5	85.4	88.1	90.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 500	20.5	72.0	78.5	82.9	86.5	88.9	91.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
400	20.5	72.1	78.7	83.2	87.2	89.5	92.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 300	20.5	72.1	78.7	83.3	87.3	89.7	92.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
200	20.5	72.1	78.7	83.3	87.3	89.7	92.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 100	20.5	72.1	78.8	83.4	87.4	89.8	92.8	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
0	20.5	72.1	78.8	83.4	87.4	89.8	92.8	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5

TOTAL NUMBER OF OBSERVATIONS: 1100

AT R. C. S. DIVISION
 10000 FT
 10000 FT

CEILING VERSUS VISIBILITY

STATION 10000 FT STATION NAME 10000 FT YEARS MONTH
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 18000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 16000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 14000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 12000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 10000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 9000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 8000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 7000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 6000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 5000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 4500	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 4000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 3500	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 3000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 2500	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 2000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 1800	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 1500	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 1200	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 1000	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 900	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 800	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 700	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 600	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 500	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 400	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 300	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 200	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 100	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5
IV 0	55.5	55.9	56.3	56.7	57.0	57.4	57.7	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5

TOTAL NUMBER OF OBSERVATIONS 1200

CEILING VERSUS VISIBILITY

127 1 6 7 1214 12 1014 1 1214

7271

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3.36 = 14.21
HOURS (EST)

[illegible]TOTAL NUMBER OF OBSERVATIONS 129

161. PROVISION DIVISION
USAF ETAC
415 LATER DIVISION

CEILING VERSUS VISIBILITY

STATION 237 161. PROVISION DIVISION

STATION NAME 161. PROVISION

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

161. PROVISION
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1 1/8	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	5.5	48.3	41.5	41.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	5.5	48.3	41.5	41.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
18000	16.0	55.0	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
16000	16.0	55.0	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
14000	16.2	56.2	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
12000	17.2	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
10000	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
9000	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
8000	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
7000	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
6000	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
5000	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
4500	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
4000	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
3500	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
3000	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
2500	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
2000	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
1800	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
1500	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
1200	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
1000	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
900	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
800	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
700	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
600	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
500	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
400	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
300	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
200	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
100	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
0	18.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6

TOTAL NUMBER OF OBSERVATIONS 1200

3

DATA PREPARED BY DIVISION
USAF ETAC
AIR LATE SERVICE/PAO

CEILING VERSUS VISIBILITY

947 STATION NAME
STATION

7-77 YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1, 1.5, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.6	13.2	53.6	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	5.3	48.9	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 18000	5.3	58.9	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 16000	5.3	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 14000	5.3	60.1	60.7	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 12000	5.3	61.7	62.3	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 10000	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 9000	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 8000	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 7000	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 6000	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 5000	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 4500	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 4000	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 3500	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 3000	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 2500	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 2000	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 1800	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 1500	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 1200	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 1000	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 900	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 800	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 700	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 600	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 500	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 400	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 300	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 200	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 100	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 0	5.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6

TOTAL NUMBER OF OBSERVATIONS 1297

DATA PROCESSING DIVISION
USAF ETAC
AIR LAUNCH SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION NAME: 14-7 111V JIR V4/DALVIR: ABE

97-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 111V JIR V4/DALVIR
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	2.4	56.6	57.1	57.6	57.4	57.8	57.8	57.3	57.8	57.3	57.8	57.3	57.9	57.9	57.9	57.9
18000	3.5	61.0	61.7	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
16000	3.5	61.3	61.9	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
14000	3.9	61.8	62.4	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
12000	4.4	64.0	64.0	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
10000	5.2	67.4	68.1	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
9000	5.2	67.7	68.6	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
8000	5.5	69.5	70.4	71.1	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
7000	5.8	71.6	72.6	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
6000	5.8	73.4	74.5	75.3	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
5000	6.1	75.8	77.2	78.2	78.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
4500	6.2	76.4	77.9	79.0	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
4000	6.5	78.1	80.0	81.5	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
3500	6.5	78.7	80.9	82.4	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
3000	6.8	79.4	81.6	83.3	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
2500	6.7	80.1	82.4	84.3	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
2000	6.7	81.0	83.6	85.6	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
1800	6.7	81.3	84.0	86.0	86.7	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
1500	6.8	81.7	84.6	86.8	87.7	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
1200	6.9	82.1	85.2	87.7	88.9	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
1000	6.9	82.3	85.6	88.6	89.9	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
900	6.9	82.5	85.7	88.7	90.2	90.7	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
800	6.9	82.6	85.8	88.8	90.5	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
700	6.9	82.6	86.0	89.2	91.4	92.1	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
600	6.9	82.6	86.1	89.4	91.7	92.4	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
500	6.9	82.6	86.1	89.4	91.9	92.7	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
400	6.9	82.6	86.2	89.5	92.1	93.1	94.7	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
300	6.9	82.6	86.3	89.7	92.4	93.5	95.1	96.1	96.7	97.4	98.0	98.0	98.0	98.0	98.0	98.0
200	6.9	82.6	86.3	89.7	92.7	93.8	95.4	96.4	96.9	97.6	98.2	98.2	98.2	98.2	98.2	98.2
100	6.9	82.6	86.3	89.7	92.7	93.8	95.4	96.4	96.9	97.6	98.2	98.2	98.2	98.2	98.2	98.2
0	6.9	82.6	86.3	89.7	92.7	93.8	95.4	96.4	96.9	97.6	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS: 1290

3

DATA PROCESSING DIVISION
SAFETY
AIR CRAFT SERVICE/NAAC

CEILING VERSUS VISIBILITY

STATION 2372 ILLINOIS J. DAVIS, ILL. 618

7-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.05 (1) = 0.2 (1)
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	3.5	4.2	4.7	5.1	5.5	5.9	6.4	6.7	7.0	7.4	7.8	8.2	8.6	9.0	9.4	9.8
18000	4.1	4.9	5.2	5.6	6.0	6.4	6.8	7.1	7.5	7.9	8.3	8.7	9.1	9.5	9.9	10.3
16000	4.6	5.2	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.5	8.9	9.3	9.7	10.1	10.5	10.9
14000	5.1	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.3
12000	5.6	6.2	6.6	7.0	7.4	7.8	8.2	8.6	9.0	9.4	9.8	10.2	10.6	11.0	11.4	11.8
10000	6.1	6.7	7.1	7.5	7.9	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.1	11.5	11.9	12.3
9000	6.6	7.2	7.6	8.0	8.4	8.8	9.2	9.6	10.0	10.4	10.8	11.2	11.6	12.0	12.4	12.8
8000	7.1	7.7	8.1	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.3	11.7	12.1	12.5	12.9	13.3
7000	7.6	8.2	8.6	9.0	9.4	9.8	10.2	10.6	11.0	11.4	11.8	12.2	12.6	13.0	13.4	13.8
6000	8.1	8.7	9.1	9.5	9.9	10.3	10.7	11.1	11.5	11.9	12.3	12.7	13.1	13.5	13.9	14.3
5000	8.6	9.2	9.6	10.0	10.4	10.8	11.2	11.6	12.0	12.4	12.8	13.2	13.6	14.0	14.4	14.8
4500	9.1	9.7	10.1	10.5	10.9	11.3	11.7	12.1	12.5	12.9	13.3	13.7	14.1	14.5	14.9	15.3
4000	9.6	10.2	10.6	11.0	11.4	11.8	12.2	12.6	13.0	13.4	13.8	14.2	14.6	15.0	15.4	15.8
3500	10.1	10.7	11.1	11.5	11.9	12.3	12.7	13.1	13.5	13.9	14.3	14.7	15.1	15.5	15.9	16.3
3000	10.6	11.2	11.6	12.0	12.4	12.8	13.2	13.6	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8
2500	11.1	11.7	12.1	12.5	12.9	13.3	13.7	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3
2000	11.6	12.2	12.6	13.0	13.4	13.8	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4	17.8
1800	12.1	12.7	13.1	13.5	13.9	14.3	14.7	15.1	15.5	15.9	16.3	16.7	17.1	17.5	17.9	18.3
1500	12.6	13.2	13.6	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8
1200	13.1	13.7	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
1000	13.6	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4	17.8	18.2	18.6	19.0	19.4	19.8
900	14.1	14.7	15.1	15.5	15.9	16.3	16.7	17.1	17.5	17.9	18.3	18.7	19.1	19.5	19.9	20.3
800	14.6	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2	19.6	20.0	20.4	20.8
700	15.1	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3	19.7	20.1	20.5	20.9	21.3
600	15.6	16.2	16.6	17.0	17.4	17.8	18.2	18.6	19.0	19.4	19.8	20.2	20.6	21.0	21.4	21.8
500	16.1	16.7	17.1	17.5	17.9	18.3	18.7	19.1	19.5	19.9	20.3	20.7	21.1	21.5	21.9	22.3
400	16.6	17.2	17.6	18.0	18.4	18.8	19.2	19.6	20.0	20.4	20.8	21.2	21.6	22.0	22.4	22.8
300	17.1	17.7	18.1	18.5	18.9	19.3	19.7	20.1	20.5	20.9	21.3	21.7	22.1	22.5	22.9	23.3
200	17.6	18.2	18.6	19.0	19.4	19.8	20.2	20.6	21.0	21.4	21.8	22.2	22.6	23.0	23.4	23.8
100	18.1	18.7	19.1	19.5	19.9	20.3	20.7	21.1	21.5	21.9	22.3	22.7	23.1	23.5	23.9	24.3
0	18.6	19.2	19.6	20.0	20.4	20.8	21.2	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8

TOTAL NUMBER OF OBSERVATIONS 125

VAL PER - 5/11/1951
1546 STA
AIR FIVE - 11/11/51

CEILING VERSUS VISIBILITY

STATION	STATION NAME
607	-7 JULY 1964 V. / 1015 11 AOE

7-70

YEARS

MON:IN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 2 3 4 5 6 7 8 9 10 11 12
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	10.3	48.0	44.8	32.5	31.4	31.1	31.4	31.1	31.1	31.7	31.7	31.7	31.9	31.5	31.5	32.2
IV 18000	10.3	32.7	35.5	36.3	37.1	37.1	37.2	37.1	37.3	37.5	37.4	37.6	37.7	37.7	37.7	37.7
IV 16000	10.3	33.7	35.9	36.4	37.1	37.1	37.2	37.1	37.5	37.5	37.5	37.5	37.7	37.7	37.7	37.7
IV 14000	10.3	34.1	36.1	36.8	37.0	37.0	37.7	37.7	37.9	37.9	38.0	38.0	38.1	38.2	38.3	38.4
IV 12000	10.2	35.3	36.9	36.7	37.1	37.1	37.5	37.5	37.9	38.0	38.0	38.0	38.1	38.1	38.1	38.2
IV 10000	10.3	36.9	37.9	38.0	38.4	38.4	38.6	38.6	38.9	38.9	38.9	38.9	39.1	39.1	39.2	39.2
IV 9000	10.3	38.4	38.9	39.1	39.5	39.5	39.7	39.7	39.9	39.9	39.9	39.9	40.1	40.1	40.1	40.1
IV 8000	10.2	39.9	39.9	40.1	40.5	40.5	40.7	40.7	40.9	40.9	40.9	40.9	41.1	41.1	41.1	41.1
IV 7000	10.2	41.9	41.9	42.1	42.5	42.5	42.7	42.7	42.9	42.9	42.9	42.9	43.1	43.1	43.1	43.1
IV 6000	10.2	43.9	43.9	44.1	44.5	44.5	44.7	44.7	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.1
IV 5000	10.2	45.9	45.9	46.1	46.5	46.5	46.7	46.7	46.9	46.9	46.9	46.9	47.1	47.1	47.1	47.1
IV 4500	10.2	47.9	47.9	48.1	48.5	48.5	48.7	48.7	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1
IV 4000	10.2	49.9	49.9	50.1	50.5	50.5	50.7	50.7	50.9	50.9	50.9	50.9	51.1	51.1	51.1	51.1
IV 3500	10.2	51.9	51.9	52.1	52.5	52.5	52.7	52.7	52.9	52.9	52.9	52.9	53.1	53.1	53.1	53.1
IV 3000	10.2	53.9	53.9	54.1	54.5	54.5	54.7	54.7	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1
IV 2500	10.2	55.9	55.9	56.1	56.5	56.5	56.7	56.7	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1
IV 2000	10.2	57.9	57.9	58.1	58.5	58.5	58.7	58.7	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1
IV 1800	10.2	59.9	59.9	60.1	60.5	60.5	60.7	60.7	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.1
IV 1500	10.2	61.9	61.9	62.1	62.5	62.5	62.7	62.7	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1
IV 1200	10.2	63.9	63.9	64.1	64.5	64.5	64.7	64.7	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1
IV 1000	10.2	65.9	65.9	66.1	66.5	66.5	66.7	66.7	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.1
IV 900	10.2	67.9	67.9	68.1	68.5	68.5	68.7	68.7	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.1
IV 800	10.2	69.9	69.9	70.1	70.5	70.5	70.7	70.7	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.1
IV 700	10.2	71.9	71.9	72.1	72.5	72.5	72.7	72.7	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1
IV 600	10.2	73.9	73.9	74.1	74.5	74.5	74.7	74.7	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1
IV 500	10.2	75.9	75.9	76.1	76.5	76.5	76.7	76.7	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1
IV 400	10.2	77.9	77.9	78.1	78.5	78.5	78.7	78.7	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1
IV 300	10.2	79.9	79.9	80.1	80.5	80.5	80.7	80.7	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1
IV 200	10.2	81.9	81.9	82.1	82.5	82.5	82.7	82.7	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1
IV 100	10.2	83.9	83.9	84.1	84.5	84.5	84.7	84.7	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1
IV 0	10.2	85.9	85.9	86.1	86.5	86.5	86.7	86.7	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1

TOTAL NUMBER OF OBSERVATIONS 17

DATE PREPARED: DIVISION:
 NAME: ETC
 AIR FORCE: SERVICE/AC

CEILING VERSUS VISIBILITY

STATION: T. CIVIL AVIATION APT. 7-70 YEARS: MONTH: 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	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.4	44.4	47.2	47.7	46.0	48.0	40.8	40.0	49.0	40.0	47.4	40.0	45.7	40.7	40.0	40.0
≥ 18000	47.5	48.7	51.0	52.8	53.1	52.2	52.6	53.3	53.9	54.0	54.3	54.3	54.3	54.5	54.5	54.5
≥ 16000	47.5	49.0	51.3	52.7	53.3	53.4	54.8	54.1	54.1	54.4	54.5	54.5	54.5	54.8	54.8	54.8
≥ 14000	49.3	49.2	52.1	53.0	53.7	53.7	54.1	54.4	54.4	54.6	54.6	54.6	54.6	55.1	55.1	55.1
≥ 12000	49.6	52.0	55.7	56.0	57.2	57.2	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.7	58.7	58.7
≥ 10000	51.0	56.5	60.0	61.0	61.7	61.6	62.2	62.2	62.5	62.9	63.1	63.1	63.3	63.3	63.3	63.3
≥ 9000	51.7	58.1	61.0	62.6	63.3	63.4	63.8	64.1	64.1	64.4	64.7	64.7	64.9	64.9	64.9	64.9
≥ 8000	52.5	61.8	62.0	66.7	67.4	67.6	68.0	68.3	68.3	68.7	68.9	68.9	69.1	69.1	69.2	69.2
≥ 7000	53.9	64.6	66.9	70.2	71.0	71.0	71.8	71.8	71.8	72.1	72.6	72.6	72.6	72.6	72.7	72.7
≥ 6000	54.2	66.3	70.8	72.2	73.0	73.1	73.6	73.9	73.9	74.2	74.4	74.4	74.7	74.7	74.7	74.7
≥ 5000	55.4	69.6	70.4	74.2	77.1	77.4	78.2	78.2	78.2	78.5	78.7	78.7	79.0	79.0	79.0	79.0
≥ 4500	55.4	69.7	74.2	76.8	77.4	77.7	78.2	78.5	78.5	78.7	79.0	79.0	79.0	79.4	79.4	79.4
≥ 4000	55.4	70.7	76.3	78.0	78.1	79.4	79.9	80.2	80.2	80.5	80.8	80.8	81.0	81.2	81.2	81.2
≥ 3500	55.6	71.6	77.2	79.9	80.0	80.4	81.0	81.3	81.3	81.6	81.6	81.6	82.1	82.2	82.2	82.7
≥ 3000	55.6	72.5	78.3	80.9	81.0	81.6	82.1	82.4	82.4	82.7	82.7	82.7	83.2	83.2	83.2	83.9
≥ 2500	55.7	72.9	78.8	81.5	81.7	82.1	82.8	83.1	83.1	83.4	83.7	83.7	83.9	84.0	84.0	84.0
≥ 2000	55.7	73.3	79.4	81.1	82.3	82.6	83.5	83.8	83.8	84.1	84.4	84.4	84.6	84.6	84.6	85.2
≥ 1800	55.7	73.4	79.4	81.2	82.4	82.9	83.6	83.9	83.9	84.2	84.4	84.4	84.7	84.7	84.7	85.3
≥ 1500	55.7	74.2	80.2	82.1	83.4	83.8	84.5	84.8	84.8	85.1	85.4	85.4	85.6	85.6	85.6	86.3
≥ 1200	55.7	74.8	81.2	83.1	84.4	84.8	85.6	85.9	85.9	86.3	86.6	86.6	86.8	86.8	86.8	87.5
≥ 1000	55.8	75.3	81.8	83.3	85.1	85.6	86.4	86.7	86.9	87.4	87.6	87.6	87.9	88.0	88.0	88.5
≥ 900	55.9	75.6	82.2	84.3	85.5	86.1	87.1	87.3	87.5	88.0	88.3	88.3	88.6	88.7	88.7	89.2
≥ 800	55.9	76.1	82.9	85.0	86.4	87.1	88.1	88.8	88.8	89.1	89.7	89.7	90.0	90.2	90.4	90.5
≥ 700	55.9	76.2	83.3	85.9	87.1	88.0	89.0	89.3	89.6	90.0	90.7	90.7	91.0	91.2	91.4	91.7
≥ 600	55.9	76.4	83.7	86.0	87.9	89.1	90.2	90.9	90.9	91.0	91.9	91.9	92.2	92.4	92.7	92.9
≥ 500	55.9	76.5	83.8	86.2	88.3	89.6	90.9	92.0	92.1	92.9	93.7	93.7	94.1	94.1	94.1	94.8
≥ 400	55.9	76.5	83.8	86.2	88.0	90.0	91.4	92.0	92.9	94.0	94.1	94.7	95.6	95.7	96.0	96.0
≥ 300	55.9	76.5	83.8	86.2	88.0	90.0	91.4	92.0	92.9	94.0	94.1	94.7	95.6	95.7	96.0	96.0
≥ 200	55.9	76.5	83.8	86.2	88.0	90.0	91.4	92.0	92.9	94.0	94.1	94.7	95.6	95.7	96.0	96.0
≥ 100	55.9	76.5	83.8	86.2	88.0	90.0	91.4	92.0	92.9	94.0	94.1	94.7	95.6	95.7	96.0	96.0
≥ 0	55.9	76.5	83.8	86.2	88.0	90.0	91.4	92.0	92.9	94.0	94.1	94.7	95.6	95.7	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS: 12

STATION	STATION NAME	YEARS	MONTH
347	PORT ST. LOUIS, MO.	7	1

2.2. = 11.30
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	≥ 5/8	¾	≥ 5/16	¾	≥ 0
NO CEILING ≥ 20000	2.4 2.2	4.2 4.0	4.9 5.1	4.7 5.3	4.9 5.5	4.7 5.3	4.3 5.3	4.3 5.3	4.3 5.3	4.3 5.3	4.3 5.3	4.3 5.3	4.3 5.3	4.3 5.3	4.3 5.3	4.3 5.3
IVN 18000 16000	5.2 5.6	54.2 54.6	55.3 55.7	55.6 56.1	55.7 56.1	55.7 56.1	55.7 56.1	55.7 56.1	55.7 56.1	55.7 56.1	55.7 56.1	55.7 56.1	55.7 56.1	55.7 56.1	55.7 56.1	55.7 56.1
IVN 14000 12000	5.5 6.4	55.3 56.0	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4
IVN 10000 9000	7.5 7.3	62.9 63.0	64.4 64.5	64.7 64.8	64.7 64.8	64.7 64.8	64.7 64.8	64.7 64.8	64.7 64.8	64.7 64.8	64.7 64.8	64.7 64.8	64.7 64.8	64.7 64.8	64.7 64.8	64.7 64.8
IVN 8000 7000	7.9 8.1	64.6 64.9	64.7 64.9	64.7 64.9	64.7 64.9	64.7 64.9	64.7 64.9	64.7 64.9	64.7 64.9	64.7 64.9	64.7 64.9	64.7 64.9	64.7 64.9	64.7 64.9	64.7 64.9	64.7 64.9
IVN 6000 5000	8.6 9.8	69.2 72.9	72.1 75.4	74.2 76.3	73.3 76.7	73.3 76.7	73.3 76.7	73.3 76.7	73.3 76.7	73.3 76.7	73.3 76.7	73.3 76.7	73.3 76.7	73.3 76.7	73.3 76.7	73.3 76.7
IVN 4500 4000	9.7 10.7	73.7 75.3	76.1 78.0	77.1 78.1	77.1 78.1	77.1 78.1	77.1 78.1	77.1 78.1	77.1 78.1	77.1 78.1	77.1 78.1	77.1 78.1	77.1 78.1	77.1 78.1	77.1 78.1	77.1 78.1
IVN 3500 3000	10.7 11.8	78.3 77.9	79.4 78.7	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	81.4 81.4	81.4 81.4	81.4 81.4	81.4 81.4	81.4 81.4	81.4 81.4
IVN 2500 2000	11.9 12.1	78.3 78.8	81.7 82.0	82.9 82.9	83.7 83.8	83.7 83.8	83.7 83.8	83.7 83.8	83.7 83.8	83.7 83.8	83.7 83.8	83.7 83.8	83.7 83.8	83.7 83.8	83.7 83.8	83.7 83.8
IVN 1800 1500	11.1 11.1	79.9 79.6	83.0 82.7	84.2 84.9	85.2 85.2	85.2 85.2	85.2 85.2	85.2 85.2	85.2 85.2	85.2 85.2	85.2 85.2	85.2 85.2	85.2 85.2	85.2 85.2	85.2 85.2	85.2 85.2
IVN 1200 1000	11.3 11.3	81.2 82.2	84.7 85.7	86.4 87.3	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2
IVN 900 800	11.3 11.3	82.6 82.8	86.2 86.7	87.5 88.1	88.5 89.3	88.5 89.3	88.5 89.3	88.5 89.3	88.5 89.3	88.5 89.3	88.5 89.3	88.5 89.3	88.5 89.3	88.5 89.3	88.5 89.3	88.5 89.3
IVN 700 600	11.3 11.3	83.2 83.7	87.2 87.7	88.3 88.8	89.4 89.4	89.4 89.4	89.4 89.4	89.4 89.4	89.4 89.4	89.4 89.4	89.4 89.4	89.4 89.4	89.4 89.4	89.4 89.4	89.4 89.4	89.4 89.4
IVN 500 400	11.3 11.3	84.7 85.3	89.1 89.2	90.1 90.2	91.2 91.3	91.2 91.3	91.2 91.3	91.2 91.3	91.2 91.3	91.2 91.3	91.2 91.3	91.2 91.3	91.2 91.3	91.2 91.3	91.2 91.3	91.2 91.3
IVN 300 200	11.3 11.3	86.7 86.7	91.9 91.9	92.9 92.9	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0
IVN 100 0	11.3 11.3	88.7 88.7	94.7 94.7	95.7 95.7	96.8 96.8	96.8 96.8	96.8 96.8	96.8 96.8	96.8 96.8	96.8 96.8	96.8 96.8	96.8 96.8	96.8 96.8	96.8 96.8	96.8 96.8	96.8 96.8

TOTAL NUMBER OF OBSERVATIONS 120

DATA PROCESSING DIVISION
USAF ETAC
AIR SEATTLE LE VICE/MAC

CEILING VERSUS VISIBILITY

STATION: 317.1 UNIT: FLOW ID V6/11/15/11 436 YEARS: 7-70 MONTH: 1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	2.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	6.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
NV 18000	26.5	53.9	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	54.0
NV 16000	6.7	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
NV 14000	6.7	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
NV 12000	7.9	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
NV 10000	29.0	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
NV 9000	27.2	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
NV 8000	29.9	63.9	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
NV 7000	27.8	65.7	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
NV 6000	30.0	67.5	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
NV 5000	31.9	71.7	72.5	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
NV 4500	32.3	73.0	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
NV 4000	34.9	78.7	80.0	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
NV 3500	35.4	79.7	81.1	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
NV 3000	35.7	81.7	83.3	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
NV 2500	36.3	82.9	84.6	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
NV 2000	36.4	83.8	85.6	86.2	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
NV 1800	36.4	84.1	86.0	86.6	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
NV 1500	36.4	85.1	87.3	88.2	89.0	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
NV 1200	36.5	85.8	88.3	89.4	90.6	91.0	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
NV 1000	36.5	86.2	88.7	90.0	91.3	92.0	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
NV 900	36.5	86.3	88.9	90.3	91.7	92.4	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
NV 800	36.5	86.6	89.3	91.4	93.4	94.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
NV 700	36.5	86.6	89.8	92.0	94.1	95.2	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
NV 600	36.5	86.7	89.8	92.2	94.0	95.7	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
NV 500	36.5	86.7	89.8	92.4	94.9	96.0	97.5	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
NV 400	36.5	86.7	89.8	92.4	95.9	96.1	97.8	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
NV 300	36.5	86.7	89.8	92.4	95.9	96.1	97.8	98.8	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7
NV 200	36.5	86.7	89.8	92.4	95.9	96.1	97.8	98.8	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7
NV 100	36.5	86.7	89.8	92.4	95.9	96.1	97.8	98.8	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7
NV 0	36.5	86.7	89.8	92.4	95.9	96.1	97.8	98.8	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 1260

DATA PROCESSING DIVISION
USAF ETAC
AIR DATA SERVICE/MAC

CEILING VERSUS VISIBILITY

94721
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

47-70
YEARS

1950
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1560-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
18000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
16000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
14000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
12000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
10000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
9000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
8000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
7000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
6000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
5000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
4500	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
4000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
3500	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
3000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
2500	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
2000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
1800	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
1500	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
1200	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
1000	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
900	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
800	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
700	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
600	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
500	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
400	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
300	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
200	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
100	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
0	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94728
STATION

FIRST DELVINT VA/DAVISON AAF
STATION NAME

57-70
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.7	49.8	50.1	50.1	50.4	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 18000	29.7	58.3	58.6	58.7	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	29.0	58.3	58.6	58.7	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	29.3	58.4	59.7	59.8	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	29.7	51.3	51.6	51.7	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 10000	31.1	65.4	65.7	65.8	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000	31.3	66.0	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	32.1	69.8	70.3	70.5	70.6	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	33.1	72.3	72.9	73.1	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	33.6	73.7	74.4	74.4	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	35.3	78.3	79.2	79.5	80.1	80.1	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500	35.7	79.7	80.7	81.1	81.7	81.7	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	36.3	82.7	83.9	84.3	85.0	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	36.5	83.3	84.6	85.0	85.7	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	36.5	84.4	86.1	86.7	87.6	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	36.5	84.8	86.4	87.2	88.3	88.3	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	36.5	85.6	87.3	88.1	89.4	89.4	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	36.5	85.7	87.5	88.3	89.6	89.7	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	36.5	86.3	88.3	89.2	90.5	90.6	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	36.5	86.7	88.9	89.8	91.1	91.3	92.1	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	36.5	86.7	89.0	89.9	91.4	91.7	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900	36.5	87.2	89.5	90.6	92.2	92.5	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	36.5	87.2	89.5	90.5	92.5	92.9	94.0	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	36.5	87.2	89.7	91.0	93.3	93.7	95.0	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	36.5	87.2	89.8	91.0	93.7	94.4	95.6	96.3	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	36.5	87.2	89.8	91.0	93.7	94.4	95.7	96.6	96.9	97.5	97.9	97.9	97.9	98.0	98.0	98.0
≥ 400	36.5	87.2	89.8	91.0	93.9	94.6	96.1	97.1	97.6	98.3	98.7	98.7	98.7	99.0	99.0	99.0
≥ 300	36.5	87.2	89.8	91.0	94.0	94.8	96.3	97.3	97.8	98.6	99.1	99.1	99.1	99.4	99.4	99.4
≥ 200	36.5	87.2	89.8	91.0	94.0	94.8	96.3	97.3	97.8	98.6	99.3	99.3	99.3	99.8	99.8	99.8
≥ 100	36.5	87.2	89.8	91.0	94.0	94.8	96.3	97.3	97.8	98.6	99.3	99.3	99.3	100.0	100.0	100.0
≥ 0	36.5	87.2	89.8	91.0	94.0	94.8	96.3	97.3	97.8	98.6	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

CEILING VERSUS VISIBILITY

YEARS

MONITOR

2100-2300
HOURS 11513

TOTAL NUMBER OF OBSERVATIONS 1299

USAF ETAC FORM 0-14-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROFESSIONAL DIVISION
OSAF LTAC
AIR LAT BR SERVICE/MAC

CEILING VERSUS VISIBILITY

247 - 1 - 410 12 V3/64K/6.0 1/4

STATION STATION NAME

7.78

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0024-0206
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	19.4 19.5	53.9 54.4	55.2 55.7	55.8 56.2	56.1 56.5	56.4 56.8	56.4 56.9	56.8 57.1	56.8 57.1	57.0 57.2	57.1 57.2	57.1 57.2	57.2 57.3	57.3 57.4	57.5 57.6	57.7 57.8
NV 19000 16000	20.5 20.9	57.4 57.4	58.7 58.7	59.6 59.6	60.0 60.0	60.3 60.3	60.4 60.4	60.8 60.8	60.8 60.8	61.1 61.1	61.2 61.2	61.2 61.2	61.4 61.4	61.4 61.4	61.7 61.7	61.9 61.9
NV 14000 12000	20.7 20.7	57.6 57.6	58.9 58.9	59.8 59.8	60.2 60.2	60.5 60.5	60.7 60.7	61.1 61.1	61.1 61.1	61.3 61.3	61.4 61.4	61.4 61.4	61.6 61.6	61.7 61.7	61.9 61.9	62.1 62.1
NV 10000 9000	23.0 23.1	65.1 66.1	66.6 67.8	68.0 69.4	68.4 69.7	68.7 70.1	69.0 70.4	69.4 70.8	69.4 70.8	69.6 71.0	69.7 71.1	69.7 71.1	70.0 71.4	70.0 71.4	70.2 71.7	70.4 71.9
NV 8000 7000	23.3 24.3	69.8 71.8	71.7 74.0	73.4 76.0	73.8 76.3	74.2 74.7	74.6 77.1	75.0 77.5	75.0 77.6	75.2 77.8	75.3 78.1	75.4 78.2	75.8 78.3	75.8 78.3	76.0 78.6	76.0 78.8
NV 6000 5000	24.6 24.7	72.5 75.2	74.8 78.0	76.9 80.4	77.4 81.0	77.8 81.3	78.2 81.7	78.6 82.2	78.6 82.2	78.9 82.4	79.2 82.7	79.3 82.8	79.3 82.9	79.4 82.9	79.6 83.2	79.9 83.4
NV 4500 4000	24.9 25.3	75.8 77.1	78.6 80.3	81.2 82.9	81.6 83.5	82.2 83.9	82.6 84.4	83.0 84.9	83.0 84.9	83.3 85.2	83.6 85.5	83.8 85.6	83.7 85.6	83.8 85.7	84.0 85.9	84.3 86.2
NV 3500 3000	25.2 25.3	77.6 78.6	81.0 82.0	83.7 84.7	84.4 85.4	84.9 85.9	85.3 86.3	85.9 86.9	85.9 86.9	86.2 87.2	86.5 87.5	86.6 87.5	86.6 87.6	86.7 87.7	86.9 87.9	87.2 88.2
NV 2500 2000	25.3 25.3	79.3 80.1	82.8 84.0	85.5 86.8	86.2 87.5	86.6 87.9	87.1 88.4	87.7 89.0	87.7 89.0	87.9 89.2	88.2 89.4	88.3 89.4	88.4 89.7	88.5 89.8	88.7 90.0	88.9 90.2
NV 1800 1500	25.4 25.7	80.8 81.3	84.2 85.4	87.7 88.7	87.7 88.8	88.2 88.9	88.6 89.4	89.2 90.1	89.2 90.1	89.5 90.3	89.8 90.6	89.9 90.7	89.9 90.8	90.0 90.9	90.2 91.1	90.5 91.3
NV 1200 1000	25.7 25.7	81.3 81.3	85.3 85.4	88.3 88.7	89.3 89.6	89.8 90.2	90.2 90.6	90.9 91.4	90.9 91.4	91.2 91.6	91.5 91.9	91.6 92.1	91.6 92.1	91.7 92.2	91.9 92.4	92.2 92.6
NV 900 800	25.7 25.7	81.3 81.8	85.3 86.4	88.3 89.7	89.3 90.9	90.4 91.6	90.9 91.6	91.4 92.2	91.4 92.2	92.2 92.3	92.3 92.6	92.9 93.7	92.9 93.8	93.0 93.9	93.2 94.1	93.3 94.3
NV 700 600	25.7 25.7	82.0 82.2	86.6 87.3	89.9 90.9	91.2 92.2	92.0 93.2	92.7 94.2	93.5 95.1	93.8 95.1	93.8 95.3	94.1 95.6	94.2 95.7	94.3 95.9	94.4 95.9	94.6 96.2	94.8 96.4
NV 500 400	25.7 25.7	82.3 82.3	87.5 87.5	91.2 91.2	93.2 93.5	94.1 94.5	93.2 95.7	94.1 97.0	95.3 97.0	96.3 97.4	96.6 97.7	96.9 97.8	97.0 97.9	97.1 98.0	97.2 98.2	97.3 98.5
NV 300 200	25.7 25.7	82.3 82.3	87.5 87.6	91.2 91.3	93.5 93.6	94.6 94.7	95.9 96.0	97.2 97.3	97.2 97.3	97.4 97.5	98.2 98.4	98.3 98.5	98.3 98.6	98.5 98.7	98.8 99.2	99.0 99.5
NV 100 0	25.7 25.7	82.3 82.3	87.6 87.6	91.3 91.3	93.6 93.6	94.7 94.7	96.0 96.0	97.3 97.3	97.3 97.3	97.5 97.5	98.4 98.4	98.5 98.5	98.6 98.6	98.7 98.7	99.2 99.2	99.5 100.0

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
USAF ETAC
AIR MATTER SERVICE/MAC

CEILING VERSUS VISIBILITY

917
STATION

0101 GELVIA VA/DAVISON AAF
STATION NAME

57-70
YEARS

AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.1	45.8	44.0	50.3	51.5	52.3	52.6	53.1	53.1	53.5	53.6	53.7	51.9	54.0	54.0	54.2
≥ 20000	16.0	49.2	53.1	54.7	55.5	56.3	56.8	57.1	57.1	57.4	57.7	57.8	56.0	58.1	58.1	58.4
IV 18000	16.0	49.2	53.1	54.7	55.5	56.3	56.8	57.1	57.1	57.4	57.7	57.8	56.0	58.1	58.1	58.4
IV 16000	16.0	49.3	53.2	54.8	55.6	56.4	56.9	57.1	57.1	57.7	57.7	57.8	56.1	58.1	58.2	58.4
IV 14000	16.0	49.5	54.4	54.9	55.0	56.5	57.1	57.3	57.3	57.8	57.9	58.0	58.2	58.3	58.4	58.6
IV 12000	17.1	51.9	55.8	57.3	58.3	59.1	59.6	59.1	59.8	60.4	60.4	60.5	60.3	60.9	60.9	61.1
IV 10000	18.4	56.2	59.7	62.6	63.6	64.4	65.0	65.2	65.2	65.7	65.8	65.9	66.1	66.2	66.4	66.6
IV 9000	18.7	56.9	59.3	63.4	64.4	65.1	65.7	66.0	66.0	66.5	66.6	66.7	66.9	67.0	67.1	67.4
IV 8000	19.4	60.6	65.5	67.6	68.8	69.6	70.3	70.5	70.5	71.0	71.1	71.2	71.4	71.5	71.7	71.9
IV 7000	19.4	62.3	67.7	69.7	71.0	71.7	72.4	72.7	72.7	73.2	73.2	73.3	73.6	73.7	73.8	74.0
IV 6000	19.8	63.1	68.7	70.7	72.0	72.7	73.5	73.7	73.7	74.3	74.3	74.4	74.7	74.7	74.9	75.1
IV 5000	19.8	65.7	72.1	74.3	75.0	76.4	77.2	77.4	77.4	78.0	78.0	78.1	78.3	78.4	78.6	78.9
IV 4500	20.0	66.4	72.8	75.1	76.3	77.2	78.0	78.3	78.4	79.0	79.0	79.1	79.3	79.4	79.6	79.8
IV 4000	20.4	67.4	74.1	76.6	78.0	78.9	79.9	80.2	80.3	80.8	80.9	81.0	81.2	81.3	81.4	81.6
IV 3500	20.7	68.0	74.8	77.3	78.8	79.6	80.6	81.0	81.1	81.6	81.7	81.8	82.0	82.1	82.3	82.5
IV 3000	20.8	69.0	76.0	78.6	80.2	81.0	82.0	82.4	82.5	83.0	83.1	83.2	83.4	83.5	83.6	83.9
IV 2500	20.9	69.4	76.8	79.3	81.0	81.8	82.8	83.2	83.3	83.8	83.9	83.9	84.2	84.3	84.4	84.6
IV 2000	20.9	70.1	77.6	80.3	82.0	82.9	83.9	84.3	84.4	84.9	85.0	85.1	85.3	85.4	85.6	85.8
IV 1800	20.9	70.4	77.8	80.6	82.3	83.3	84.3	84.7	84.8	85.3	85.4	85.5	85.7	85.8	85.9	86.2
IV 1500	21.3	70.8	78.3	81.3	83.1	84.0	85.0	85.5	85.6	86.1	86.2	86.3	86.5	86.6	86.7	86.9
IV 1200	21.1	71.5	79.3	82.6	84.4	85.3	86.0	87.0	87.1	87.6	87.7	87.8	88.0	88.1	88.2	88.5
IV 1000	21.1	72.0	80.0	83.6	85.8	86.7	87.9	88.5	88.6	89.3	89.4	89.5	89.7	89.8	89.9	90.2
IV 900	21.1	72.2	80.1	83.8	86.2	87.1	88.3	88.9	89.0	89.7	89.8	89.9	90.1	90.2	90.3	90.6
IV 800	21.1	72.7	81.0	84.8	87.3	88.2	89.6	90.2	90.3	91.0	91.1	91.2	91.4	91.5	91.6	91.9
IV 700	21.1	72.9	81.3	85.4	88.1	89.2	90.6	91.4	91.6	92.2	92.3	92.4	92.6	92.7	92.9	93.1
IV 600	21.1	73.1	81.6	85.8	89.1	90.3	91.9	92.7	92.9	93.5	93.6	93.7	93.9	94.0	94.2	94.4
IV 500	21.1	73.1	81.0	85.8	90.0	91.3	93.2	94.1	94.2	94.9	95.0	95.1	95.3	95.4	95.5	95.8
IV 400	21.1	73.2	81.9	86.2	90.5	91.9	93.9	95.0	95.2	96.2	96.3	96.4	96.6	96.7	96.9	97.4
IV 300	21.1	73.3	82.0	86.3	90.0	92.0	94.2	95.4	95.5	96.7	97.0	97.1	97.4	97.5	97.7	97.9
IV 200	21.1	73.3	82.0	86.3	90.7	92.2	94.5	95.8	95.9	97.1	97.5	97.6	98.2	98.3	98.5	98.7
IV 100	21.1	73.3	82.0	86.3	90.7	92.2	94.5	95.8	95.9	97.1	97.5	97.6	98.2	98.3	98.7	99.7
IV 0	21.1	73.3	82.0	86.3	90.7	92.2	94.5	95.8	95.9	97.1	97.5	97.6	98.2	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
037

PORT BELVIDER VA/NAVY AAF

7-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

24.00 = 02.00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.0	46.8	69.0	51.2	52.0	52.6	52.9	53.2	53.2	53.4	53.5	53.5	53.5	53.5	53.6	53.7
≥ 20000	13.2	50.5	61.0	55.4	51.5	57.3	57.5	57.8	57.8	58.0	58.1	58.1	58.1	58.2	58.3	58.4
18000	13.2	50.5	55.0	55.4	50.5	57.3	57.5	57.8	57.8	58.0	58.1	58.1	58.1	58.2	58.3	58.4
16000	13.4	50.8	55.4	55.4	56.7	57.5	57.8	58.1	58.1	58.2	58.3	58.3	58.4	58.4	58.5	58.6
14000	13.5	51.2	54.4	56.1	57.2	58.1	58.3	58.6	58.6	58.8	58.8	58.8	58.9	58.9	59.1	59.1
12000	16.4	53.4	57.1	59.2	61.3	61.1	61.4	61.7	61.7	61.8	61.9	61.9	62.0	62.1	62.1	62.2
10000	17.4	57.1	61.1	63.4	64.7	65.6	65.8	66.1	66.1	66.3	66.4	66.4	66.4	66.5	66.6	66.7
9000	17.5	57.8	61.8	64.7	65.5	66.5	66.7	67.1	67.1	67.2	67.3	67.3	67.4	67.5	67.6	67.7
8000	17.7	60.4	65.0	67.8	69.3	70.4	70.7	71.0	71.0	71.1	71.1	71.2	71.2	71.4	71.4	71.8
7000	16.6	62.7	67.6	70.7	72.3	73.4	73.7	74.0	74.0	74.1	74.2	74.2	74.3	74.4	74.6	74.8
6000	16.2	63.9	69.1	72.2	74.0	75.1	75.3	75.7	75.7	75.8	75.9	75.9	76.0	76.1	76.3	76.5
5000	16.6	65.9	71.5	74.3	75.7	77.9	78.1	78.4	78.4	78.4	78.6	78.6	78.8	78.9	79.1	79.3
4500	18.8	66.9	72.7	76.0	77.9	79.0	79.3	79.6	79.8	80.0	80.1	80.1	80.3	80.3	80.5	80.7
4000	19.0	7.3	73.0	76.7	78.5	79.7	80.0	80.3	80.5	80.6	80.8	80.8	81.0	81.0	81.2	81.4
3500	19.2	68.0	74.0	77.6	79.4	80.7	81.0	81.3	81.5	81.6	81.8	81.8	81.9	82.0	82.2	82.4
3000	19.4	69.4	75.4	79.1	81.2	82.5	82.8	83.0	83.3	83.5	83.6	83.6	83.8	83.9	84.0	84.3
2500	19.4	69.7	75.7	79.4	81.5	82.8	83.1	83.5	83.6	83.8	83.9	83.9	84.1	84.2	84.3	84.4
2000	19.4	70.6	76.9	80.6	82.7	84.0	84.3	84.7	84.9	85.0	85.2	85.2	85.3	85.4	85.6	85.8
1800	19.4	70.7	77.0	80.7	82.9	84.2	84.5	84.9	85.0	85.2	85.3	85.3	85.5	85.6	85.7	85.9
1500	19.4	71.0	77.4	81.2	83.3	84.6	84.9	85.3	85.5	85.6	85.8	85.8	85.9	86.0	86.2	86.4
1200	19.6	72.0	78.5	82.5	84.8	86.2	86.6	87.0	87.2	87.3	87.5	87.5	87.5	87.6	87.7	88.1
1000	19.7	72.3	79.2	83.3	86.0	87.4	88.1	88.6	88.7	88.9	89.0	89.0	89.2	89.2	89.4	89.6
900	19.7	72.7	79.4	83.7	86.6	88.2	88.8	89.3	89.5	89.6	89.8	89.8	89.9	90.0	90.2	90.4
800	19.7	73.0	80.2	84.6	87.7	89.3	90.1	90.7	90.9	91.0	91.2	91.2	91.4	91.5	91.6	91.9
700	19.7	73.3	80.6	85.1	88.6	90.4	91.2	91.8	92.0	92.2	92.3	92.3	92.5	92.6	92.8	93.0
600	19.7	73.3	80.7	85.3	89.0	91.0	91.9	92.5	92.9	93.1	93.2	93.2	93.4	93.5	93.6	93.9
500	19.7	73.4	81.0	85.6	89.6	91.9	93.1	94.0	94.3	94.6	94.9	94.9	95.2	95.3	95.5	95.7
400	19.7	73.6	81.1	85.9	90.3	92.8	94.2	95.5	95.9	96.4	96.7	96.7	97.1	97.2	97.4	97.6
300	19.7	73.7	81.2	85.9	90.6	93.0	94.5	95.0	96.4	97.0	97.3	97.5	97.9	98.1	98.4	98.5
200	19.7	73.7	81.2	85.9	90.6	93.0	94.6	96.1	96.5	97.2	97.8	97.8	98.4	98.5	98.8	99.0
100	19.7	73.7	81.2	85.9	90.6	93.0	94.6	96.1	96.5	97.2	98.0	98.0	98.6	98.8	99.2	99.8
0	19.7	73.7	81.2	85.9	90.6	93.0	94.6	96.1	96.5	97.2	98.0	98.0	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
USAF ETAC
AIR SEATING SERVICE/MAC

CEILING VERSUS VISIBILITY

947.3
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6-00-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	0.6	53.2	54.1	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	3.3	50.7	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	51.9
18000	3.3	50.7	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	51.9
16000	3.4	50.8	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
14000	3.5	51.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
12000	3.8	52.8	53.9	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
10000	5.1	56.8	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
9000	5.2	57.9	59.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
8000	5.7	59.6	61.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
7000	6.0	61.3	64.0	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
6000	6.5	62.5	64.6	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
5000	6.2	64.0	66.5	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
4500	6.3	65.3	67.8	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
4000	6.7	67.2	69.9	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
3500	7.3	70.2	71.0	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
3000	7.3	70.5	72.4	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
2500	7.7	70.9	73.8	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
2000	7.8	71.6	74.7	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
1800	7.9	72.0	75.3	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
1500	8.0	73.0	76.3	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
1200	8.0	73.7	77.7	80.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
1000	8.0	74.2	78.6	81.0	81.8	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
900	8.0	74.6	79.2	81.9	82.6	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
800	8.0	75.5	80.3	83.2	84.2	84.5	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
700	8.0	75.6	80.7	83.9	85.1	85.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
600	8.0	75.7	80.9	84.2	85.5	85.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
500	8.0	75.7	81.0	84.4	86.5	87.0	88.0	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
400	8.0	75.7	81.0	84.4	86.5	87.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
300	8.0	75.7	81.0	84.4	86.5	87.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
200	8.0	75.7	81.0	84.4	86.5	87.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
100	8.0	75.7	81.0	84.4	86.5	87.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0	8.0	75.7	81.0	84.4	86.5	87.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3

TOTAL NUMBER OF OBSERVATIONS 1202

DATA PROCESSING DIVISION
USAF ETAC
AFB BAF 22 SERVICE/BAO

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.8 6.6	53.6 52.4	53.7 51.9	53.7 50.9	53.7 50.9	53.7 50.9	53.7 50.9	53.7 50.9	53.7 50.9	53.7 50.9	53.7 50.9	53.7 50.9	53.7 50.9	53.7 50.9	53.7 50.9	53.7 50.9
≥ 18000 ≥ 16000	54.6 5.7	53.8 5.8	53.9 50.0	53.9 50.0	53.9 50.0	53.9 50.0	53.9 50.0	53.9 50.0	53.9 50.0	53.9 50.0	53.9 50.0	53.9 50.0	53.9 50.0	53.9 50.0	53.9 50.0	53.9 50.0
≥ 14000 ≥ 12000	57.0 7.5	56.7 6.9	56.8 6.1	56.8 6.1	56.8 6.1	56.8 6.1	56.8 6.1	56.8 6.1	56.8 6.1	56.8 6.1	56.8 6.1	56.8 6.1	56.8 6.1	56.8 6.1	56.8 6.1	56.8 6.1
≥ 10000 ≥ 9000	58.9 29.0	57.1 27.4	57.2 27.4	57.5 28.1	57.5 28.1	57.5 28.1	57.5 28.1	57.5 28.1	57.5 28.1	57.5 28.1	57.5 28.1	57.5 28.1	57.5 28.1	57.5 28.1	57.5 28.1	57.5 28.1
≥ 8000 ≥ 7000	59.2 29.5	59.8 21.0	59.4 21.8	59.7 22.5	59.7 22.7	59.7 22.7	59.7 22.7	59.7 22.7	59.7 22.7	59.7 22.7	59.7 22.7	59.7 22.7	59.7 22.7	59.7 22.7	59.7 22.7	59.7 22.7
≥ 6000 ≥ 5000	59.9 31.0	58.4 26.0	58.2 25.9	58.2 27.3	58.2 27.3	58.2 27.3	58.2 27.3	58.2 27.3	58.2 27.3	58.2 27.3	58.2 27.3	58.2 27.3	58.2 27.3	58.2 27.3	58.2 27.3	58.2 27.3
≥ 4500 ≥ 4000	51.1 31.6	57.3 31.2	56.3 32.3	56.3 33.7	56.3 33.9	56.3 33.9	56.3 33.9	56.3 33.9	56.3 33.9	56.3 33.9	56.3 33.9	56.3 33.9	56.3 33.9	56.3 33.9	56.3 33.9	56.3 33.9
≥ 3500 ≥ 3000	52.6 2.7	52.7 24.3	53.9 25.9	55.4 27.4	55.6 27.7	55.6 27.8	55.6 27.9	55.6 27.9	55.6 27.9	55.6 27.9	55.6 27.9	55.6 27.9	55.6 27.9	55.6 27.9	55.6 27.9	55.6 27.9
≥ 2500 ≥ 2000	53.3 33.3	56.4 37.3	58.2 38.2	59.2 41.0	59.2 41.3	59.2 41.4	59.2 41.5	59.2 41.6	59.2 41.6	59.2 41.6	59.2 41.6	59.2 41.6	59.2 41.6	59.2 41.6	59.2 41.6	59.2 41.6
≥ 1800 ≥ 1500	53.3 35.4	57.5 38.3	59.6 40.5	61.6 42.5	61.9 42.9	61.9 43.0	61.9 43.1	61.9 43.2	61.9 43.2	61.9 43.2	61.9 43.2	61.9 43.2	61.9 43.2	61.9 43.2	61.9 43.2	61.9 43.2
≥ 1200 ≥ 1000	53.4 33.4	58.8 38.9	61.5 41.6	63.7 44.1	64.2 44.9	64.3 45.1	64.3 45.3	64.3 45.5	64.3 45.5	64.3 45.5	64.3 45.5	64.3 45.5	64.3 45.5	64.3 45.5	64.3 45.5	64.3 45.5
≥ 900 ≥ 800	53.4 33.4	58.9 39.2	61.9 42.3	64.3 45.4	65.2 46.3	65.5 46.9	65.5 47.2	65.5 47.5	65.5 47.5	65.5 47.5	65.5 47.5	65.5 47.5	65.5 47.5	65.5 47.5	65.5 47.5	65.5 47.5
≥ 700 ≥ 600	53.4 33.4	59.4 39.4	63.0 43.0	66.1 46.1	67.1 47.0	67.6 47.8	68.1 48.4	68.3 48.7	68.3 48.8	68.3 48.8	68.3 48.8	68.3 48.8	68.3 48.8	68.3 48.8	68.3 48.8	68.3 48.8
≥ 500 ≥ 400	53.4 33.4	59.5 39.5	63.1 43.1	66.2 46.2	67.6 47.6	68.2 48.4	68.8 48.9	69.2 49.3	69.3 49.5	69.3 49.7	69.3 49.8	69.3 49.8	69.3 49.8	69.3 49.8	69.3 49.8	69.3 49.8
≥ 300 ≥ 200	53.4 33.4	59.5 39.5	63.1 43.1	66.2 46.2	67.6 47.6	68.4 48.4	69.0 49.0	69.4 49.4	69.5 49.5	69.5 49.8	69.5 49.8	69.5 49.8	69.5 49.8	69.5 49.8	69.5 49.8	69.5 49.8
≥ 100 ≥ 0	53.4 33.4	59.5 39.5	63.1 43.1	66.2 46.2	67.6 47.6	68.4 48.4	69.0 49.0	69.4 49.4	69.5 49.5	69.5 49.8	69.5 49.8	69.5 49.8	69.5 49.8	69.5 49.8	69.5 49.8	69.5 49.8

TOTAL NUMBER OF OBSERVATIONS 1362

3

DATA PROCESSING DIVISION
USAF ETAC
AIR SEATTLE SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION 93720 1001 BELLEVUE VA/DAVIDSON AFB

YEARS 67-70

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	66.5	65.0	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	65.5
≥ 18000	60.0	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 16000	60.0	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	60.3	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	61.2	63.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	62.6	69.5	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	62.7	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 8000	63.4	71.7	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 7000	63.4	72.4	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	63.9	74.3	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	64.5	74.8	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
≥ 4500	64.8	80.2	82.6	82.9	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	65.5	83.6	86.5	86.5	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	65.8	84.9	87.7	88.1	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	65.9	86.3	89.4	89.9	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	65.9	87.2	90.6	90.9	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	66.0	88.6	91.9	92.4	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	66.0	88.6	92.0	92.9	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	66.0	89.2	92.7	93.8	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	66.1	89.7	93.6	94.5	94.7	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	66.1	90.0	93.9	95.1	95.7	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	66.1	90.2	94.3	95.5	96.2	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	66.1	90.5	94.8	96.1	96.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	66.1	90.6	94.9	96.3	97.2	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	66.1	90.6	94.9	96.3	97.4	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	66.1	90.7	95.0	96.5	97.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	66.1	90.7	95.0	96.5	97.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	66.1	90.7	95.0	96.5	97.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	66.1	90.7	95.0	96.5	97.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	66.1	90.7	95.0	96.5	97.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	66.1	90.7	95.0	96.5	97.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR EATING DIVISION

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-11-000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	64.1	33.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IVV 18000	62.4	62.3	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IVV 16000	62.4	62.4	63.7	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IVV 14000	62.6	62.6	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IVV 12000	65.1	65.1	65.8	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
IVV 10000	70.7	70.7	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IVV 9000	71.5	71.5	73.6	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IVV 8000	74.0	74.0	76.7	77.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IVV 7000	73.7	73.7	73.6	74.3	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IVV 6000	77.6	77.6	80.8	81.4	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IVV 5000	80.1	80.1	83.8	84.8	85.1	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IVV 4500	84.3	84.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IVV 4000	82.8	82.8	86.9	88.1	88.0	88.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IVV 3500	83.3	83.3	87.6	88.8	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IVV 3000	84.2	84.2	88.4	89.7	90.2	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IVV 2500	84.9	84.9	89.2	90.6	91.4	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IVV 2000	85.3	85.3	90.6	92.2	93.0	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IVV 1800	86.3	86.3	90.6	92.2	93.0	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IVV 1500	86.4	86.4	90.9	92.5	93.3	93.3	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVV 1200	86.9	86.9	91.9	93.5	94.5	94.8	95.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVV 1000	87.2	87.2	92.3	94.1	95.3	95.7	96.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IVV 900	87.2	87.2	92.3	94.3	95.6	96.1	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IVV 800	87.2	87.2	92.4	94.4	95.9	96.4	96.9	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IVV 700	87.3	87.3	92.5	94.5	96.2	96.8	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IVV 600	87.3	87.3	92.6	94.6	96.4	97.2	97.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVV 500	87.3	87.3	92.6	94.6	96.7	97.6	98.4	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVV 400	87.3	87.3	92.6	94.6	96.7	97.6	98.4	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVV 300	87.3	87.3	92.6	94.6	96.7	97.6	98.4	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVV 200	87.3	87.3	92.6	94.6	96.7	97.6	98.4	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVV 100	87.3	87.3	92.6	94.6	96.7	97.6	98.4	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVV 0	87.3	87.3	92.6	94.6	96.7	97.6	98.4	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
 USAF ETAC
 AIR CENTER ST. VICE/NAF

CEILING VERSUS VISIBILITY

STATION 91720 EAST BAYVIEW V3/DAVISON AAF YEARS 57-73 MONTH 12

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	1.9	14.7	45.1	56.4	57.1	57.2	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3
≥ 18000	4.3	19.4	51.1	51.7	62.4	62.6	62.8	62.9	63.1	63.3	63.3	63.4	63.4	63.5	63.6	63.7
≥ 16000	4.3	19.5	51.1	61.8	62.5	62.7	62.9	63.1	63.3	63.4	63.4	63.4	63.4	63.5	63.6	63.7
≥ 14000	4.4	19.7	61.3	61.9	62.7	62.8	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.6	63.7	63.7
≥ 12000	5.7	22.3	63.8	64.5	65.2	65.4	65.7	65.7	65.9	66.1	66.1	66.1	66.1	66.2	66.4	66.5
≥ 10000	7.0	27.5	69.6	71.2	71.1	71.1	71.4	71.4	71.6	71.8	71.8	71.8	71.8	71.9	72.1	72.2
≥ 9000	7.2	28.3	71.4	71.0	71.7	71.9	72.2	72.3	72.4	72.7	72.7	72.7	72.7	72.7	73.1	73.0
≥ 8000	7.6	31.5	74.1	74.9	75.7	75.8	76.3	76.3	76.5	76.7	76.7	76.7	76.8	76.8	77.1	77.1
≥ 7000	9.5	33.5	76.6	77.5	78.3	78.5	79.0	79.1	79.2	79.4	79.4	79.4	79.5	79.5	79.7	79.8
≥ 6000	9.8	34.5	78.1	79.1	80.1	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.8	81.9
≥ 5000	9.8	36.9	81.8	82.3	83.4	83.8	84.4	84.5	84.6	84.9	84.9	84.9	84.9	85.0	85.1	85.2
≥ 4500	9.9	37.6	83.6	83.3	84.1	84.9	85.6	85.7	85.9	86.1	86.2	86.2	86.2	86.3	86.3	86.6
≥ 4000	9.9	38.5	84.0	85.3	86.3	86.9	87.6	87.7	87.9	88.1	88.2	88.2	88.2	88.2	88.5	88.6
≥ 3500	9.9	40.2	85.0	87.0	87.0	87.6	88.4	88.5	88.7	88.9	89.0	89.0	89.0	89.1	89.1	89.4
≥ 3000	9.9	41.2	85.3	87.1	88.1	88.6	89.5	89.6	89.8	89.9	90.0	90.1	90.1	90.2	90.4	90.5
≥ 2500	9.9	41.5	85.6	87.5	88.4	88.9	89.8	89.9	90.1	90.3	90.4	90.4	90.4	90.5	90.7	90.8
≥ 2000	9.9	42.6	86.9	88.8	89.5	90.0	91.4	91.4	91.8	92.1	92.3	92.4	92.4	92.5	92.7	92.8
≥ 1800	9.9	42.7	87.0	89.0	90.2	90.8	91.6	91.9	92.1	92.3	92.4	92.4	92.5	92.5	92.7	92.8
≥ 1500	9.9	43.1	87.4	89.5	90.9	91.5	92.7	93.2	93.3	93.5	93.6	93.6	93.7	93.7	93.9	94.0
≥ 1200	9.6	43.4	88.5	90.6	92.2	92.8	94.0	94.5	94.6	94.9	94.9	94.9	95.0	95.0	95.2	95.3
≥ 1000	9.6	43.6	88.7	90.8	92.7	93.4	94.7	95.3	95.5	95.7	95.8	95.8	95.9	95.9	96.1	96.2
≥ 900	9.7	43.7	89.2	91.3	93.4	94.1	95.4	96.0	96.2	96.4	96.5	96.5	96.5	96.5	96.7	96.9
≥ 800	9.7	43.7	89.2	91.5	93.4	94.2	95.5	96.4	96.5	96.8	96.8	96.8	96.8	96.9	97.1	97.2
≥ 700	9.7	43.9	89.6	91.9	94.0	94.6	96.2	97.1	97.2	97.5	97.6	97.6	97.7	97.7	97.9	98.0
≥ 600	9.7	43.9	89.8	92.1	94.4	95.2	96.9	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.5	98.6
≥ 500	9.7	44.1	89.9	92.5	94.7	95.6	97.3	98.5	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.5
≥ 400	9.7	44.1	89.9	92.5	94.7	95.6	97.6	98.5	98.7	99.1	99.1	99.2	99.2	99.2	99.4	99.5
≥ 300	9.7	44.1	89.9	92.5	94.7	95.6	97.7	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.5
≥ 200	9.7	44.1	89.9	92.5	94.7	95.6	97.7	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.5
≥ 100	9.7	44.1	89.9	92.5	94.7	95.6	97.7	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.5
≥ 0	9.7	44.1	89.9	92.5	94.7	95.6	97.7	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
USAF ETAC
AIR DET. F. SERVICE/MAC

CEILING VERSUS VISIBILITY

93724
STATION

FIFE, MELVILL V4/DAVISON AAF
STATION NAME

57-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	11.4	14.0	50.2	62.5	63.7	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.7	64.7
≥ 20000	11.2	13.4	47.1	78.2	71.5	72.0	72.2	72.5	72.5	72.5	72.6	72.7	72.8	72.8	72.9	72.9
≥ 18000	11.9	50.4	57.1	79.2	71.5	72.0	72.2	72.5	72.5	72.6	72.6	72.7	72.8	72.8	72.9	72.9
≥ 16000	11.9	50.4	7.1	77.2	71.5	72.0	72.2	72.5	72.5	72.6	72.6	72.7	72.8	72.8	72.9	72.9
≥ 14000	11.9	50.7	57.5	79.5	71.8	72.3	72.5	72.9	72.9	72.9	72.9	73.0	73.1	73.1	73.3	73.3
≥ 12000	12.4	53.3	70.1	73.1	74.4	74.9	75.2	75.6	75.6	75.6	75.6	75.7	75.8	75.8	76.0	76.0
≥ 10000	13.2	66.9	74.3	77.4	78.7	79.2	79.5	79.8	79.8	79.9	80.0	80.1	80.2	80.2	80.3	80.3
≥ 9000	13.3	68.1	75.0	78.7	80.1	80.6	80.9	81.2	81.2	81.3	81.3	81.4	81.5	81.5	81.7	81.7
≥ 8000	13.3	59.0	76.6	79.7	81.0	81.5	81.8	82.1	82.1	82.2	82.3	82.4	82.5	82.5	82.6	82.6
≥ 7000	13.3	71.3	79.0	82.2	83.0	84.0	84.4	84.7	84.7	84.8	84.8	84.9	85.0	85.0	85.2	85.2
≥ 6000	13.5	72.5	80.5	84.2	85.0	86.1	86.4	86.7	86.7	86.8	86.9	87.0	87.1	87.1	87.2	87.2
≥ 5000	13.7	73.7	81.8	85.6	87.1	87.5	87.9	88.1	88.2	88.3	88.3	88.4	88.5	88.5	88.7	88.7
≥ 4500	13.8	74.5	82.0	86.4	87.9	88.4	88.7	89.0	89.0	89.1	89.2	89.3	89.4	89.4	89.5	89.5
≥ 4000	13.8	75.6	84.2	88.1	89.8	90.5	90.8	91.1	91.1	91.2	91.3	91.3	91.4	91.4	91.7	91.7
≥ 3500	13.8	76.0	84.7	89.6	90.2	91.0	91.3	91.7	91.7	91.7	91.8	91.9	92.0	92.0	92.2	92.2
≥ 3000	13.8	76.7	85.6	89.4	91.1	92.0	92.4	92.7	92.7	92.8	92.9	92.9	93.0	93.0	93.3	93.3
≥ 2500	13.8	77.4	86.3	90.3	92.1	92.9	93.3	93.7	93.7	93.7	93.8	93.9	94.0	94.0	94.2	94.2
≥ 2000	13.8	77.8	86.7	90.8	92.9	93.7	94.1	94.4	94.4	94.5	94.6	94.7	94.8	94.8	95.0	95.0
≥ 1800	13.8	77.8	86.7	90.8	92.9	93.7	94.2	94.5	94.5	94.6	94.7	94.8	94.8	94.8	95.1	95.1
≥ 1500	13.8	78.1	87.1	91.3	93.4	94.3	94.8	95.1	95.1	95.2	95.2	95.3	95.4	95.4	95.6	95.6
≥ 1200	13.8	78.4	87.5	91.8	94.0	94.3	95.5	95.6	95.6	95.7	95.8	95.9	96.0	96.0	96.2	96.2
≥ 1000	13.8	79.0	88.1	92.5	94.7	95.7	96.2	96.5	96.5	96.6	96.7	96.7	96.8	96.8	97.1	97.1
≥ 900	13.8	79.3	88.5	92.9	95.1	96.2	96.7	97.0	97.0	97.1	97.1	97.2	97.3	97.3	97.5	97.5
≥ 800	13.8	79.4	88.7	93.2	95.3	96.4	97.1	97.4	97.4	97.5	97.5	97.6	97.7	97.7	97.9	97.9
≥ 700	13.8	79.8	89.4	94.0	96.3	97.4	98.0	98.3	98.3	98.4	98.5	98.6	98.7	98.7	98.9	98.9
≥ 600	13.8	79.8	89.4	94.0	96.3	97.5	98.1	98.4	98.4	98.5	98.6	98.7	98.7	98.7	99.0	99.0
≥ 500	13.8	79.9	89.5	94.1	96.6	97.7	98.4	98.7	98.7	98.8	98.9	99.0	99.0	99.0	99.3	99.3
≥ 400	13.8	80.0	89.6	94.4	96.8	98.0	98.7	99.1	99.0	99.1	99.2	99.3	99.4	99.4	99.6	99.6
≥ 300	13.8	80.3	89.7	94.4	96.9	98.1	98.9	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.8	99.8
≥ 200	13.8	80.0	89.7	94.4	96.9	98.1	98.9	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.8	99.8
≥ 100	13.8	80.0	89.8	94.5	97.0	98.2	99.0	99.3	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8
≥ 0	13.8	80.0	89.8	94.5	97.0	98.2	99.0	99.3	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
USAF LTA
AIR SEATTLE-ALBUQUERQUE

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	1.5	7.6	55.5	51.3	61.6	61.5	62.7	63.2	63.2	63.4	63.4	63.4	63.6	63.6	63.6	63.7
≥ 20000	4.9	1.2	29.9	62.8	60.1	67.1	60.7	62.4	69.4	62.0	69.6	69.6	69.8	69.8	69.8	70.1
≥ 18000	8.8	1.3	20.1	64.0	66.3	67.2	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	70.0	70.2
≥ 16000	8.8	1.3	20.1	64.0	66.3	67.2	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	70.0	70.2
≥ 14000	8.8	1.3	20.1	64.0	66.3	67.2	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	70.0	70.2
≥ 12000	9.4	1.4	20.4	64.3	66.6	67.5	69.1	69.8	69.8	70.1	70.1	70.1	70.3	70.3	70.3	70.4
≥ 10000	10.2	1.7	20.9	64.7	67.0	67.9	69.5	70.2	70.2	70.5	70.5	70.5	70.7	70.7	70.7	70.8
≥ 9000	10.2	1.7	20.9	64.7	67.0	67.9	69.5	70.2	70.2	70.5	70.5	70.5	70.7	70.7	70.7	70.8
≥ 8000	10.5	1.8	21.2	65.0	67.3	68.2	69.8	70.5	70.5	70.8	70.8	70.8	71.0	71.0	71.0	71.1
≥ 7000	10.5	1.8	21.2	65.0	67.3	68.2	69.8	70.5	70.5	70.8	70.8	70.8	71.0	71.0	71.0	71.1
≥ 6000	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 5000	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 4500	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 4000	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 3500	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 3000	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 2500	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 2000	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 1800	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 1500	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 1200	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 1000	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 900	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 800	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 700	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 600	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 500	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 400	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 300	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 200	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 100	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 0	10.6	1.9	21.5	65.3	67.6	68.5	70.1	70.8	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.4

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
USAF ETAC
AIR PLATER SERVICE/MAC

CEILING VERSUS VISIBILITY

04700
STATION

PORT BELVIER VADAVISIA AAF

57-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06700-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.7	47.8	52.9	55.4	51.9	58.9	59.5	60.5	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 20000	5.7	31.7	57.2	62.4	61.0	64.4	62.0	63.6	62.8	65.0	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	9.4	51.8	57.4	60.6	63.2	64.6	65.2	66.3	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3
≥ 16000	9.4	51.8	57.4	60.6	63.2	64.6	65.2	66.3	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3
≥ 14000	9.4	52.0	57.5	61.7	63.3	64.8	65.4	66.1	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 12000	9.5	55.0	61.3	64.7	67.5	69.0	69.6	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000	10.8	58.9	65.6	69.4	72.4	74.0	74.7	75.4	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.8
9000	10.8	59.0	66.7	70.6	73.3	75.3	76.0	76.7	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1
8000	11.0	62.9	69.8	73.7	76.7	78.6	79.3	80.0	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.5
7000	11.0	64.2	71.3	75.2	78.2	80.1	80.8	81.5	81.8	81.8	81.8	81.8	81.8	81.9	81.9	82.0
6000	11.1	65.3	72.5	76.4	79.7	81.8	82.5	83.3	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
5000	11.1	66.6	73.7	77.7	81.0	83.2	84.9	84.6	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.1
4500	11.1	66.7	74.0	78.1	81.4	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.5
4000	11.1	67.1	74.5	78.7	82.1	84.3	85.2	85.9	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
3500	11.1	67.3	74.8	79.0	82.5	84.7	85.6	86.3	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
3000	11.1	68.1	75.6	80.0	83.4	85.6	86.5	87.2	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.7
2500	11.3	68.3	75.8	80.2	83.6	85.8	86.7	87.4	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.9
2000	11.3	68.5	76.1	80.4	84.0	86.3	87.1	87.9	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
1800	11.3	68.7	76.3	80.8	84.3	86.5	87.4	88.1	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.6
1500	11.3	69.0	76.7	81.3	84.9	87.3	88.3	89.0	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
1200	11.3	69.2	77.1	81.8	85.0	88.5	89.4	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
1000	11.7	70.8	78.2	82.9	87.2	89.8	90.8	91.8	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.4
900	11.8	70.6	78.6	83.3	87.7	90.3	91.3	92.3	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.9
800	12.0	71.0	79.1	84.3	88.7	91.3	92.5	93.7	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.2
700	12.0	71.2	79.5	84.8	89.3	92.1	93.5	94.9	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.4
600	12.0	71.4	80.1	85.4	90.1	93.1	94.5	96.2	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.9
500	12.0	71.8	80.5	85.9	90.9	93.9	95.0	97.0	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.4
400	12.0	71.8	80.6	86.1	91.1	94.1	96.2	98.1	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.1
300	12.0	71.8	80.7	86.2	91.2	94.2	96.3	98.3	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4
200	12.0	71.8	80.7	86.2	91.2	94.2	96.3	98.3	98.9	99.0	99.2	99.4	99.4	99.6	99.6	99.7
100	12.0	71.8	80.7	86.2	91.2	94.2	96.3	98.3	98.9	99.0	99.2	99.4	99.4	99.7	99.7	99.8
0	12.0	71.8	80.7	86.2	91.2	94.2	96.3	98.3	99.0	99.2	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING

CEILING VERSUS VISIBILITY

41720
STATION

STATION NAME

77-70

YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07.11.1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	12.6	55.8	57.5	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	14.8	62.9	63.0	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
18000	15.8	67.9	65.0	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
16000	16.0	63.0	65.2	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
14000	16.2	64.0	66.1	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
12000	16.6	66.7	69.0	71.1	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	16.8	71.0	73.7	75.8	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
9000	16.9	71.6	74.3	76.4	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
8000	16.7	74.5	77.2	79.4	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
7000	16.8	75.2	77.9	80.2	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
6000	17.1	76.6	79.3	81.5	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
5000	17.2	77.6	80.3	82.6	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
4500	17.3	78.6	81.3	83.7	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
4000	17.3	77.9	82.7	84.9	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
3500	17.6	80.7	83.6	85.9	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
3000	17.9	82.6	85.6	87.9	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
2500	17.4	83.3	86.4	88.7	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
2000	17.9	84.1	87.3	89.7	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1800	17.9	84.2	87.3	89.9	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1500	17.9	84.8	88.3	90.9	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
1200	17.9	85.7	89.6	92.3	93.4	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1000	17.9	86.3	90.6	93.7	95.0	95.6	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
900	18.0	86.5	90.7	93.9	95.2	96.0	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
800	18.0	86.6	90.9	94.3	95.6	96.3	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
700	18.0	86.7	91.2	94.4	96.0	96.7	97.5	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
600	18.0	86.7	91.4	94.6	96.3	97.1	97.9	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
500	18.0	86.8	91.5	94.7	96.6	97.4	98.3	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	18.0	86.8	91.6	94.8	96.8	97.6	98.6	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	18.0	86.8	91.6	94.8	96.8	97.6	98.7	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	18.0	86.8	91.6	94.8	96.8	97.6	98.7	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	18.0	86.8	91.6	94.8	96.8	97.6	98.7	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	18.0	86.8	91.6	94.8	96.8	97.6	98.7	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1260

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRESENTATION DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9377.4
STATION

1001 ABILVOR VZ/DIVISION AAF
STATION NAME

7-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	16.6	54.6	56.1	56.8	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	18.3	64.6	66.3	67.1	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
16000	18.3	64.6	66.3	67.1	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
14000	18.7	65.6	67.2	68.1	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
12000	19.3	69.0	71.6	71.5	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	20.4	73.6	75.4	75.3	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
9000	20.6	74.4	75.2	77.1	77.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
8000	21.4	76.2	78.0	78.9	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
7000	21.7	77.2	78.0	79.9	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
6000	21.7	78.1	81.2	81.0	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
5000	22.0	80.2	82.4	83.3	83.7	84.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
4500	22.1	81.4	83.7	84.5	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
4000	22.2	84.6	86.9	87.8	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
3500	22.5	85.4	87.9	89.0	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
3000	23.0	87.5	89.9	91.0	91.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
2500	23.0	88.6	91.0	92.1	93.0	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2000	23.0	89.0	91.7	92.9	93.9	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
1800	23.0	89.3	92.0	93.3	94.3	94.6	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
1500	23.0	89.5	92.3	93.8	95.1	95.6	95.9	96.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1200	23.0	90.0	92.8	94.7	96.1	96.8	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1000	23.0	90.2	93.0	95.0	96.4	97.2	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
900	23.0	90.2	93.0	95.2	96.7	97.5	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
800	23.0	90.2	93.1	95.4	97.1	98.1	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
700	23.0	90.2	93.2	95.5	97.3	98.3	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	23.0	90.2	93.2	95.5	97.3	98.3	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
500	23.0	90.2	93.2	95.5	97.3	98.3	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	23.0	90.2	93.2	95.5	97.3	98.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
300	23.0	90.2	93.2	95.5	97.3	98.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
200	23.0	90.2	93.2	95.5	97.3	98.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
100	23.0	90.2	93.2	95.5	97.3	98.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
0	23.0	90.2	93.2	95.5	97.3	98.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1200

DATA PREMISSION DIVISION
USAF ETAC
AIR LEADERS SERVICE/MAC

CEILING VERSUS VISIBILITY

047
STATION

F-1 FELDWIN VA/DAVIS M 441
STATION NAME

7-7
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-00-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	57.5	54.9	56.0	56.7	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
18000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
16000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
14000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
12000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
10000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
8000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
7000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
6000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
5000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
4500	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
4000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
3500	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
3000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
2500	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
2000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
1800	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
1500	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
1200	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
1000	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
900	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
800	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
700	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
600	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
500	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
400	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
300	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
200	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
100	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
0	57.5	57.1	56.4	59.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1

TOTAL NUMBER OF OBSERVATIONS 1250

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION 21774 FORT BELVIL VA/DAVISON AAF STATION NAME 57-79 YEARS MONTH 3000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 20000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 10000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 9000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 8000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 7000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 6000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 5000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 4500	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 4000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 3500	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 3000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 2500	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 2000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 1800	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 1500	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 1200	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 1000	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 900	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 800	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 700	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 600	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 500	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 400	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 300	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 200	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 100	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 0	17.5	53.7	50.1	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
USAF ETAC
AIR EAT L SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 0372N

STATION NAME FLYT BELVOIR VAF/DAVIS DAF

7-7

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.3	33.5	50.4	59.5	66.4	68.4	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6
≥ 20000	16.4	39.6	54.7	66.6	67.7	68.4	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 18000	16.3	39.7	54.6	66.7	67.8	68.5	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5
IV 16000	16.4	39.7	54.8	66.7	67.8	68.5	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5
IV 14000	16.3	39.8	54.8	66.7	67.9	68.6	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6
IV 12000	16.7	42.7	57.9	69.8	71.1	71.8	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9
IV 10000	17.5	46.1	72.0	74.0	75.1	76.0	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0
IV 9000	17.3	47.3	73.3	75.2	76.3	77.2	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
IV 8000	17.3	49.0	75.3	77.6	78.8	79.7	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8
IV 7000	18.2	70.7	77.0	79.3	80.7	81.5	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7
IV 6000	18.2	71.8	78.4	81.0	82.2	83.1	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
IV 5000	18.3	74.0	81.0	83.6	85.0	85.9	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0
IV 4500	18.3	74.5	81.6	84.3	85.8	86.7	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
IV 4000	18.3	77.0	85.2	88.4	90.0	90.9	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1
IV 3500	18.3	77.5	86.0	89.2	91.0	91.8	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0
IV 3000	18.3	77.9	86.0	90.0	91.7	92.6	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
IV 2500	18.3	78.3	86.9	90.3	92.1	93.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
IV 2000	18.3	79.0	87.7	91.4	93.5	94.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8
IV 1800	18.3	79.1	87.9	91.7	93.8	94.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1
IV 1500	18.3	79.3	88.1	92.1	94.2	95.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5
IV 1200	18.3	79.6	88.5	92.3	94.8	95.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
IV 1000	18.3	79.8	88.8	92.8	95.1	96.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
IV 900	18.3	80.0	89.0	93.1	95.4	96.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	18.3	80.2	89.4	93.5	96.0	97.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
IV 700	18.3	80.4	89.8	94.1	96.6	97.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	18.3	80.4	89.8	94.3	96.7	98.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
IV 500	18.3	80.5	89.9	94.4	96.8	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
IV 400	18.3	80.5	90.0	94.4	96.9	98.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 300	18.3	80.5	90.0	94.4	96.9	98.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 200	18.3	80.5	90.0	94.4	96.9	98.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 100	18.3	80.5	90.0	94.4	96.9	98.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 0	18.3	80.5	90.0	94.4	96.9	98.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
USAF ETAC
AIR DATA REPORT VICE/AC

CEILING VERSUS VISIBILITY

937.5
STATION

FIRST FIVE IN VICE/DAVIS, IN 037
STATION NAME

17-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	4.1	9.8	25.8	55.9	60.1	66.7	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	62.0
≥ 20000	4.5	7.3	42.8	67.9	69.5	70.3	70.9	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	72.0
≥ 18000	4.5	57.3	63.8	67.9	69.5	70.3	70.9	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	72.0
≥ 16000	4.5	57.4	63.0	68.7	69.6	70.4	71.0	71.5	71.6	71.8	71.9	71.9	71.9	72.0	72.1	72.1
≥ 14000	4.7	59.2	64.6	68.8	70.4	71.2	71.8	72.3	72.4	72.5	72.7	72.7	72.8	72.8	72.8	72.8
≥ 12000	4.7	59.8	66.6	70.9	71.7	72.3	73.1	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.2
≥ 10000	4.8	64.2	71.9	76.9	78.8	79.5	80.2	80.7	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.2
≥ 9000	4.8	64.7	72.5	77.2	79.2	80.4	81.1	81.6	81.7	81.9	82.0	82.0	82.1	82.1	82.2	82.2
≥ 8000	4.8	66.7	74.8	79.7	82.0	83.1	83.8	84.3	84.4	84.6	84.7	84.7	84.7	84.8	84.8	84.8
≥ 7000	4.8	67.9	76.2	81.2	83.5	84.5	85.2	85.4	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000	4.8	68.4	76.7	81.7	84.0	85.1	85.8	86.3	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.8
≥ 5000	4.8	69.5	77.8	82.1	85.6	86.7	87.5	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	4.8	69.8	78.2	83.5	86.0	87.1	87.8	88.5	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	4.8	70.8	79.4	85.2	88.0	89.2	89.9	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	4.8	71.2	79.8	85.6	88.5	89.7	90.5	91.2	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	4.8	72.5	81.5	87.2	90.2	91.4	92.2	92.2	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	4.8	72.8	81.9	87.8	90.7	91.9	92.8	93.5	93.6	93.8	93.9	93.9	93.9	94.0	94.0	94.0
≥ 2000	4.8	72.9	82.2	88.2	91.2	92.4	93.3	94.0	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.5
≥ 1800	4.8	73.2	82.5	88.5	91.5	92.7	93.6	94.3	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8
≥ 1500	4.8	73.5	82.9	88.9	91.9	93.2	94.1	94.8	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	4.8	74.4	84.1	90.1	93.2	94.6	95.6	96.3	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1000	4.8	74.7	84.5	90.5	93.6	95.1	96.2	96.9	97.0	97.2	97.3	97.3	97.3	97.4	97.4	97.4
≥ 900	4.8	74.8	84.7	90.7	93.8	95.2	96.5	97.3	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 800	4.8	75.0	84.8	90.8	93.9	95.5	96.8	97.6	97.7	97.9	98.1	98.1	98.1	98.2	98.2	98.2
≥ 700	4.8	75.3	85.3	91.4	94.5	96.1	97.5	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	4.8	75.5	85.5	91.6	94.6	96.4	97.8	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	4.8	75.6	85.7	91.8	95.1	96.6	98.2	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	4.8	75.6	85.7	91.8	95.1	96.6	98.2	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	4.8	75.6	85.7	91.8	95.1	96.6	98.2	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	4.8	75.6	85.7	91.8	95.1	96.6	98.2	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	4.8	75.6	85.7	91.8	95.1	96.6	98.2	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	4.8	75.6	85.7	91.8	95.1	96.6	98.2	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 1300

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER VICE/MAC

CEILING VERSUS VISIBILITY

94768
STATION

PORT BELLEVILLE VA/DAVIS/D AAF
STATION NAME

57-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.0	41.9	47.2	52.3	53.4	57.1	57.0	59.4	59.4	59.7	60.0	60.2	60.5	60.5	60.6	60.7
≥ 20000	7.5	46.1	50.4	54.4	55.4	61.2	64.7	65.1	65.1	65.1	65.7	65.7	66.3	66.3	66.4	66.4
≥ 18000	7.6	46.1	54.1	58.6	62.1	61.4	64.8	65.7	65.3	65.7	65.6	66.1	66.4	66.4	66.5	66.6
≥ 16000	7.6	46.1	54.3	58.8	62.2	63.5	65.0	65.4	65.4	65.9	66.0	66.6	66.6	66.6	66.7	66.7
≥ 14000	7.7	47.3	55.0	60.2	63.7	65.1	66.4	66.8	66.9	67.4	67.4	67.7	68.0	68.0	68.1	68.2
≥ 12000	8.1	50.1	58.7	63.4	67.0	68.3	69.8	70.2	70.3	70.7	70.9	71.0	71.4	71.4	71.5	71.6
≥ 10000	8.2	52.5	62.7	68.1	71.9	73.6	75.3	75.7	75.7	76.2	76.3	76.5	77.0	77.0	77.0	77.1
≥ 9000	8.2	54.1	63.4	68.7	72.6	74.3	76.0	76.3	76.4	76.9	77.3	77.2	77.6	77.6	77.7	77.8
≥ 8000	8.2	56.1	65.0	71.0	74.9	76.8	78.6	79.3	79.1	79.6	79.6	79.9	80.3	80.3	80.4	80.5
≥ 7000	8.2	56.8	66.3	71.7	75.7	77.6	79.4	79.9	80.0	80.4	80.6	80.8	81.3	81.3	81.4	81.4
≥ 6000	8.3	57.1	66.7	72.1	76.2	78.2	80.0	80.4	80.5	81.0	81.3	81.4	82.0	82.0	82.0	82.1
≥ 5000	8.4	58.4	68.1	73.8	78.0	80.1	82.0	82.5	82.6	83.3	83.3	83.7	84.2	84.2	84.3	84.3
≥ 4500	8.4	58.5	68.4	74.3	78.5	80.6	82.4	82.9	83.0	83.7	83.7	84.1	84.6	84.6	84.7	84.8
≥ 4000	8.4	59.4	69.6	75.4	80.0	82.3	84.1	84.6	84.7	85.4	85.6	85.9	86.4	86.4	86.5	86.6
≥ 3500	8.4	59.4	69.7	75.6	80.2	82.4	84.3	84.9	84.9	85.6	85.9	86.1	86.6	86.6	86.7	86.8
≥ 3000	8.4	60.6	70.8	76.8	81.6	83.8	85.7	86.2	86.3	87.1	87.3	87.4	88.0	88.0	88.1	88.2
≥ 2500	8.4	61.3	71.7	77.8	82.7	85.1	87.0	87.6	87.6	88.3	88.6	88.8	89.3	89.3	89.4	89.5
≥ 2000	8.4	62.0	72.6	78.7	83.8	86.2	88.2	88.7	88.9	89.6	89.8	90.0	90.6	90.6	90.6	90.7
≥ 1800	8.4	62.0	72.6	78.7	83.8	86.2	88.2	88.7	88.9	89.6	89.8	90.0	90.6	90.6	90.6	90.7
≥ 1500	8.5	62.2	72.9	79.1	84.7	86.6	88.6	89.2	89.2	89.9	90.2	90.4	90.9	90.9	91.0	91.1
≥ 1200	8.5	63.5	74.3	80.9	85.9	88.3	90.3	90.9	91.0	91.7	91.9	92.2	92.7	92.7	92.8	92.9
≥ 1000	8.5	64.0	75.1	81.6	86.8	89.2	91.2	91.9	91.9	92.6	92.9	93.1	93.6	93.6	93.7	93.8
≥ 900	8.6	64.3	75.6	82.4	87.6	90.1	92.2	92.6	92.9	93.5	93.8	94.0	94.5	94.5	94.6	94.7
≥ 800	8.7	64.7	76.0	83.0	88.3	90.8	92.9	93.0	93.7	94.4	94.7	94.9	95.3	95.3	95.6	95.7
≥ 700	8.7	65.1	76.7	83.7	89.0	91.6	93.9	94.6	94.7	95.4	95.7	95.9	96.5	96.5	96.6	96.7
≥ 600	8.7	65.3	76.9	83.9	89.2	91.9	94.2	95.0	95.1	95.8	96.2	96.4	97.0	97.0	97.1	97.2
≥ 500	8.7	65.5	77.4	84.5	90.0	92.6	95.0	95.9	95.9	96.6	97.0	97.2	97.8	97.8	97.9	98.0
≥ 400	8.7	65.5	77.4	84.5	90.0	92.6	95.0	95.9	95.9	96.6	97.1	97.3	97.9	97.9	98.0	98.2
≥ 300	8.7	65.5	77.5	84.6	90.1	92.7	95.1	96.1	96.2	97.1	97.6	97.8	98.5	98.5	98.6	98.8
≥ 200	8.7	65.5	77.5	84.6	90.1	92.7	95.1	96.1	96.2	97.1	97.9	98.2	99.1	99.1	99.2	99.4
≥ 100	8.7	65.5	77.5	84.6	90.1	92.7	95.1	96.1	96.2	97.1	97.9	98.2	99.1	99.1	99.2	99.4
≥ 0	8.7	65.5	77.5	84.6	90.1	92.7	95.1	96.1	96.2	97.1	97.9	98.2	99.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
USAF ITA
AIR MATER SERVICE/MAC

CEILING VERSUS VISIBILITY

9477
STATION

6661 REINFOR V./C/VIS/00 AAI
STATION NAME

7-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	0.1 0.9	0.4 40.8	2.1 47.9	4.3 52.0	9.0 56.0	50.4 57.6	51.4 58.8	51.9 59.4	52.0 59.4	52.1 59.5	52.2 59.7	52.2 59.7	52.5 59.9	52.5 59.9	52.5 60.1	52.5 60.1
NV 18000 16500	0.9 6.9	41.1 41.1	48.3 48.3	53.3 53.4	56.4 56.5	59.0 58.1	59.1 59.2	59.8 59.9	59.8 59.9	59.9 60.0	60.1 60.1	60.1 60.1	60.3 60.4	60.3 60.4	60.4 60.4	60.4 60.4
NV 14500 12000	7.1 7.7	42.5 46.5	49.7 54.1	54.8 58.8	57.8 62.8	59.5 64.5	60.7 65.7	61.3 66.3	61.4 66.4	61.4 66.4	61.6 66.6	61.6 66.6	61.8 66.7	61.8 66.7	61.9 67.0	61.9 67.0
NV 10000 9000	7.9 8.1	50.0 50.9	58.4 59.5	64.4 65.6	68.9 69.9	70.7 72.0	72.0 73.3	73.0 74.3	73.0 74.3	73.1 74.4	73.3 74.6	73.3 74.6	73.6 74.9	73.6 74.9	73.7 75.0	73.7 75.0
NV 8000 7000	8.4 8.4	53.1 54.1	62.5 63.5	69.0 70.0	73.7 74.7	75.3 76.8	77.3 78.3	78.3 79.3	78.4 79.6	78.6 79.7	78.7 79.9	78.7 79.9	79.0 80.2	79.0 80.2	79.1 80.3	79.1 80.3
NV 6000 5000	8.4 8.5	54.3 55.4	63.7 64.8	70.2 71.4	74.9 75.1	77.3 78.3	78.7 80.0	79.9 81.5	80.1 81.5	80.3 81.7	80.3 81.7	80.3 81.7	80.8 82.1	80.8 82.1	80.8 82.4	80.8 82.4
NV 4500 4000	8.5 8.5	55.7 56.3	65.1 65.9	71.8 72.8	76.6 77.8	78.7 80.1	80.5 82.0	81.7 83.3	82.0 83.5	82.2 83.8	82.4 84.0	82.4 84.0	82.8 84.4	82.8 84.4	82.9 84.4	82.9 84.4
NV 3500 3000	8.5 8.5	56.3 56.8	66.1 66.7	73.0 73.7	78.0 78.8	80.3 81.1	82.2 83.0	83.5 84.3	83.7 84.6	84.0 84.9	84.3 85.2	84.3 85.2	84.6 85.6	84.6 85.6	84.7 85.6	84.7 85.6
NV 2500 2000	8.5 8.7	57.5 57.9	67.6 68.2	74.9 75.2	79.6 80.3	82.0 82.6	83.9 84.6	85.3 85.9	85.5 86.1	85.8 86.4	86.1 86.7	86.1 86.7	86.5 87.1	86.5 87.1	86.6 87.2	86.6 87.2
NV 1800 1500	8.7 8.8	58.0 58.4	68.4 69.2	75.6 76.6	80.6 81.7	83.0 84.1	84.9 86.1	86.2 87.4	86.5 87.6	86.8 87.9	87.1 88.2	87.1 88.2	87.5 88.6	87.5 88.6	87.6 88.7	87.6 88.7
NV 1200 1000	8.8 9.0	59.6 61.1	70.6 72.3	78.0 80.0	83.2 85.3	85.7 87.9	87.7 90.1	89.1 91.5	89.3 91.7	89.6 92.0	89.9 92.3	89.9 92.3	90.3 92.7	90.3 92.7	90.4 92.8	90.4 92.8
NV 900 800	9.0 9.1	61.3 61.4	72.7 72.9	80.8 81.3	86.3 87.1	89.0 89.9	91.2 92.1	92.5 93.5	92.6 93.8	93.2 94.2	93.5 94.5	93.5 94.5	93.9 94.9	93.9 94.9	94.0 95.0	94.0 95.0
NV 700 600	9.1 9.1	62.0 62.1	73.4 73.6	82.0 82.2	88.1 88.5	90.9 91.5	93.2 93.9	94.9 95.8	95.1 96.0	95.3 96.5	95.9 96.5	95.9 96.5	96.3 97.3	96.3 97.3	96.4 97.4	96.4 97.4
NV 500 400	9.1 9.1	62.2 62.2	73.7 73.7	82.3 82.4	88.7 88.7	91.7 91.8	94.3 94.6	96.2 96.5	96.4 96.9	97.1 97.3	97.5 97.9	97.5 97.9	97.8 98.3	97.8 98.4	98.0 98.5	98.1 98.6
NV 300 200	9.1 9.1	62.2 62.2	73.7 73.7	82.4 82.4	88.7 88.7	91.8 91.8	94.6 94.6	96.5 96.5	96.9 96.9	97.5 97.5	98.2 98.2	98.2 98.2	98.5 98.5	98.5 98.5	98.6 98.6	98.6 98.6
NV 100 0	9.1 9.1	62.2 62.2	73.7 73.7	82.4 82.4	88.7 88.7	91.8 91.8	94.6 94.6	96.5 96.5	96.9 96.9	97.5 97.5	98.2 98.2	98.2 98.2	98.5 98.5	98.5 98.5	98.6 98.6	98.6 98.6

TOTAL NUMBER OF OBSERVATIONS 1307

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

037
STATION

11 JUL 70
STATION NAME

57-70
YEARS

MONTH

0000-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.4	48.2	51.3	52.9	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	11.4	48.2	51.3	52.9	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 18000	12.4	55.8	59.6	61.7	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	12.4	56.2	59.9	62.1	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	12.6	57.8	61.4	63.7	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	12.7	58.1	62.4	64.5	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	13.7	65.9	70.4	73.5	74.4	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	13.7	66.8	71.3	74.5	75.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	14.2	69.7	74.4	78.0	79.0	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	14.3	70.7	75.4	79.1	80.1	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	14.3	71.5	76.3	79.9	81.0	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	14.4	72.2	77.3	81.9	82.1	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	14.4	72.2	77.3	80.9	82.1	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	14.5	73.4	78.6	82.3	83.6	84.4	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	14.6	74.0	79.2	82.9	84.2	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	14.7	75.0	80.5	84.3	85.6	86.4	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500	14.8	76.3	82.1	85.9	87.3	88.1	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	14.7	77.4	83.3	87.3	88.6	89.5	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	15.0	77.8	83.9	87.8	89.2	90.0	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	15.0	78.3	84.6	88.7	90.2	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	15.1	79.7	85.7	91.4	93.7	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	15.2	80.6	86.2	92.5	96.2	97.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	15.3	80.8	86.5	94.2	97.2	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	15.3	81.0	86.6	94.3	97.2	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	15.3	81.3	86.9	94.6	97.5	98.7	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	15.3	81.3	86.9	94.6	97.5	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	15.3	81.3	86.9	94.6	97.5	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	15.3	81.3	86.9	94.6	97.5	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	15.3	81.3	86.9	94.6	97.5	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	15.3	81.3	86.9	94.6	97.5	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	15.3	81.3	86.9	94.6	97.5	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	15.3	81.3	86.9	94.6	97.5	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

STATION 047-11 STATION NAME 12000 VISIBILITY 1000 YEARS 1960 MONTH 12

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12000-14000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	13.4	32.5	34.3	34.8	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 18000	13.6	32.1	34.5	35.3	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 16000	13.6	32.1	34.6	35.4	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 14000	13.6	32.7	35.1	35.9	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 12000	13.6	32.7	35.9	36.7	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 10000	13.7	32.3	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 9000	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 8000	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 7000	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 6000	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 5000	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 4500	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 4000	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 3500	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 3000	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 2500	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 2000	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 1800	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 1500	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 1200	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 1000	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 900	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 800	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 700	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 600	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 500	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 400	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 300	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 200	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 100	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 0	13.7	32.4	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAAC

CEILING VERSUS VISIBILITY

STATION 97701 POINT BELVIER VAD/NAVISIMV AAF 57-70 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1302 HOURS (U.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	4.1	51.2	52.5	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	16.4	51.4	54.2	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	16.4	51.5	64.4	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	8.4	52.1	64.9	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
≥ 12000	17.0	65.8	68.8	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	13.0	71.7	75.1	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 8000	16.5	74.8	74.0	80.0	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	13.5	75.1	74.0	80.4	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	10.5	75.7	80.0	81.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	18.9	77.3	82.0	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	19.0	78.0	82.8	84.5	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4000	19.6	81.7	80.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	14.5	82.1	87.5	89.7	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	10.0	84.4	90.2	93.1	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	10.1	85.0	90.8	93.8	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	20.1	85.8	91.7	94.9	96.2	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	20.1	85.8	91.8	94.9	96.4	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	20.1	85.9	92.1	95.2	96.7	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	20.1	86.4	92.0	96.0	97.5	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	20.1	86.6	93.1	96.5	98.0	98.4	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	20.1	86.6	93.1	96.5	98.0	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	20.1	86.6	93.1	96.5	98.0	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	20.1	86.6	93.1	96.7	98.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	20.1	86.6	93.1	96.7	98.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	20.1	86.6	93.1	96.7	98.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	20.1	86.6	93.1	96.7	98.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	20.1	86.6	93.1	96.7	98.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	20.1	86.6	93.1	96.7	98.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	20.1	86.6	93.1	96.7	98.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	20.1	86.6	93.1	96.7	98.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1302

CEILING VERSUS VISIBILITY

YEARS

100

1400-2000
HOURS (LST)

TOTAL NUMBER OF OBSERVATIONS 1307

USAF ETAC FORM 0-14-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 03771 PONT NEUVILLE VFR/DVLS/346

YEARS 57-70

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21012-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	10.3	48.7	54.0	55.9	57.0	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	1.3	56.8	63.5	65.9	67.6	68.2	68.4	68.5	68.5	68.5	68.6	68.6	68.7	68.7	68.7	68.7
≥ 18000	1.3	56.9	63.6	65.9	67.7	68.1	68.5	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8
≥ 16000	1.7	57.0	63.7	66.2	67.8	68.4	68.7	68.8	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.0
≥ 14000	12.0	57.7	64.4	66.9	68.6	69.2	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.7
≥ 12000	2.2	57.0	67.6	71.1	71.9	72.4	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 10000	12.8	66.1	74.8	77.6	80.1	80.7	81.1	81.2	81.2	81.2	81.4	81.4	81.4	81.5	81.5	81.5
≥ 9000	12.4	66.8	75.5	78.6	81.1	81.6	82.0	82.1	82.1	82.1	82.2	82.3	82.3	82.4	82.4	82.4
≥ 8000	13.1	68.6	78.0	80.9	83.4	84.0	84.4	84.5	84.5	84.5	84.6	84.7	84.7	84.8	84.8	84.8
≥ 7000	13.1	69.4	79.0	82.1	84.0	85.2	85.5	85.6	85.6	85.6	85.7	85.9	85.9	85.9	85.9	85.9
≥ 6000	13.1	69.7	79.3	82.4	84.9	85.5	85.9	86.0	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3
≥ 5000	13.1	71.1	81.2	84.3	87.1	87.9	88.2	88.3	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.6
≥ 4500	13.1	71.4	81.5	84.6	87.6	88.3	89.0	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4
≥ 4000	13.3	72.6	83.3	86.7	89.9	90.8	91.2	91.3	91.3	91.4	91.5	91.5	91.6	91.6	91.6	91.6
≥ 3500	13.3	72.9	83.6	87.0	90.2	91.1	91.5	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	13.3	73.7	84.0	88.2	91.5	92.5	92.9	93.0	93.0	93.1	93.3	93.3	93.4	93.4	93.4	93.4
≥ 2500	13.3	74.2	85.3	89.1	92.5	93.5	94.1	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	13.3	75.1	86.5	90.4	93.8	94.9	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.9	95.9	95.9
≥ 1800	13.3	75.5	86.9	90.8	94.2	95.2	95.8	95.9	95.9	96.0	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1500	13.3	75.9	87.3	91.5	95.1	96.2	96.6	96.6	96.6	96.8	96.8	97.2	97.2	97.3	97.3	97.3
≥ 1200	13.3	76.5	88.0	92.2	95.8	96.9	97.5	97.7	97.7	97.7	97.8	98.1	98.1	98.2	98.2	98.2
≥ 1000	13.3	76.6	88.2	92.3	96.0	97.2	97.9	98.1	98.1	98.2	98.3	98.5	98.5	98.6	98.6	98.6
≥ 900	13.3	76.6	88.2	92.4	96.1	97.2	98.2	98.4	98.4	98.4	98.5	98.8	98.8	98.9	98.9	98.9
≥ 800	13.3	76.7	88.4	92.4	96.3	97.5	98.3	98.5	98.5	98.5	98.7	98.9	98.9	99.0	99.0	99.0
≥ 700	13.3	76.7	88.5	92.7	96.5	97.7	98.8	99.0	99.0	99.2	99.3	99.5	99.5	99.6	99.6	99.6
≥ 600	13.3	76.7	88.5	92.7	96.5	97.7	98.8	99.0	99.0	99.2	99.3	99.5	99.5	99.6	99.6	99.6
≥ 500	13.3	76.7	88.5	92.7	96.6	97.8	98.9	99.2	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	13.3	76.7	88.5	92.7	96.7	97.8	99.0	99.3	99.3	99.3	99.5	99.6	99.6	99.9	99.9	99.9
≥ 300	13.3	76.7	88.5	92.7	96.7	97.8	99.1	99.4	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0
≥ 200	13.3	76.7	88.5	92.7	96.7	97.8	99.1	99.4	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0
≥ 100	13.3	76.7	88.5	92.7	96.7	97.8	99.1	99.4	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0
≥ 0	13.3	76.7	88.5	92.7	96.7	97.8	99.1	99.4	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1361

DATA PROCESSING DIVISION
USAF ETAC
AIR BEAT-FO SE-VICE/MAC

CEILING VERSUS VISIBILITY

STATION 93720 FORT BELVIER VA/DAVISON AAF

YEARS 57-70

MONTH AUG

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	6.7	50.1	56.0	59.0	50.7	61.5	62.0	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4
≥ 18000	7.8	56.7	63.8	67.2	69.6	70.3	70.9	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	7.8	56.8	63.9	67.3	69.6	70.4	71.0	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	7.8	57.2	64.3	67.5	70.0	70.8	71.4	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	8.8	60.7	68.2	71.8	74.3	75.2	75.8	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 10000	9.1	64.6	73.0	77.0	79.0	80.5	81.2	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	9.1	65.7	74.4	79.4	81.0	81.9	82.6	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	9.4	67.0	76.0	80.0	82.6	83.5	84.2	84.8	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.2
≥ 6000	9.4	67.8	76.9	80.9	83.6	84.4	85.2	85.7	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1
≥ 5000	9.6	68.5	77.8	82.1	84.8	85.6	86.4	86.9	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3
≥ 4500	9.6	69.8	79.2	83.5	86.3	87.2	88.1	88.1	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0
≥ 4000	9.6	70.0	79.5	83.9	86.5	87.4	88.3	88.9	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	9.6	71.5	81.1	85.8	88.7	89.5	90.5	91.0	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.5
≥ 3000	9.9	71.6	81.3	86.0	89.0	89.9	90.8	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.8
≥ 2500	10.0	72.3	82.2	87.1	90.1	90.9	91.9	92.4	92.5	92.6	92.8	92.8	92.9	92.9	92.9	92.9
≥ 2000	10.0	73.3	83.7	88.8	91.8	92.6	93.5	94.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.6
≥ 1800	10.0	74.0	84.4	89.5	92.5	93.5	94.5	95.0	95.1	95.2	95.4	95.4	95.5	95.5	95.5	95.5
≥ 1600	10.0	74.3	84.8	89.9	92.9	94.0	94.9	95.5	95.5	95.7	95.8	95.8	95.9	95.9	95.9	96.0
≥ 1500	10.0	74.6	85.2	90.3	93.8	94.6	95.8	96.3	96.4	96.5	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1200	10.0	74.9	85.5	90.7	94.0	95.1	96.2	96.6	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.4
≥ 1000	10.0	74.9	85.6	91.0	94.3	95.4	96.5	97.2	97.3	97.5	97.7	97.7	97.8	97.8	97.8	97.8
≥ 900	10.0	74.9	85.6	91.0	94.3	95.4	96.5	97.2	97.3	97.5	97.7	97.7	97.8	97.8	97.8	97.8
≥ 800	10.0	75.2	85.9	91.4	94.6	95.8	97.1	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.4
≥ 700	10.0	75.2	85.9	91.5	94.9	95.9	97.2	97.9	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.6
≥ 600	10.0	75.2	86.2	91.9	95.2	96.3	97.6	98.3	98.5	98.7	98.8	98.8	98.9	98.9	98.9	99.0
≥ 500	10.0	75.2	86.2	91.9	95.3	96.4	97.7	98.5	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.3
≥ 400	10.0	75.5	86.5	92.2	95.6	96.7	98.0	98.9	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.7
≥ 300	10.0	75.5	86.5	92.2	95.6	96.7	98.0	98.9	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.7
≥ 200	10.0	75.5	86.5	92.3	95.7	96.8	98.1	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8
≥ 100	10.0	75.5	86.5	92.3	95.7	96.8	98.1	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8
≥ 0	10.0	75.5	86.5	92.3	95.7	96.8	98.1	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS

1301

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD OF OBSERVATION
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	0.2	42.6	50.4	55.5	58.5	59.5	60.5	61.1	61.1	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	7.2	67.7	66.0	62.0	65.5	66.7	68.2	68.9	68.0	69.5	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	7.0	67.7	66.0	62.0	65.5	66.7	68.2	68.9	68.9	69.5	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	7.0	67.7	66.0	62.0	65.5	66.7	68.2	68.9	68.9	69.5	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	7.0	68.2	67.2	62.5	66.1	67.4	68.8	69.7	69.7	70.2	70.5	70.5	70.5	70.5	70.5	70.5
≥ 12000	7.6	61.5	62.8	66.5	70.2	71.5	72.9	73.8	73.8	74.3	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000	8.1	55.0	64.9	70.8	74.5	75.8	77.4	78.4	78.4	78.9	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	8.2	55.7	65.7	71.5	75.3	76.6	78.2	79.2	79.2	79.7	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000	8.6	57.9	68.3	74.4	78.3	79.6	81.3	82.3	82.3	82.8	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	8.6	58.7	69.3	75.5	79.4	80.8	82.5	83.5	83.5	84.1	84.3	84.3	84.3	84.3	84.3	84.3
≥ 6000	8.8	59.2	69.8	76.3	80.2	81.7	83.5	84.5	84.5	85.0	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	9.3	60.3	71.5	78.1	82.0	83.5	85.5	86.5	86.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	9.0	61.1	72.3	78.9	82.9	84.4	86.5	87.5	87.5	88.1	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	9.1	62.1	73.5	80.4	84.5	85.9	88.1	89.1	89.2	89.7	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	9.1	62.2	73.6	80.5	84.6	86.1	88.2	89.2	89.3	89.8	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	9.1	62.4	73.9	81.1	85.4	86.8	89.0	90.0	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	9.1	62.5	74.2	81.5	86.1	87.5	89.7	90.7	90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	9.2	63.6	75.5	82.8	87.4	88.8	91.0	92.0	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	9.2	63.7	75.6	82.9	87.5	89.0	91.2	92.2	92.2	92.8	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	9.2	63.9	75.9	83.3	87.9	89.4	91.8	92.8	92.8	93.5	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	9.2	64.5	76.5	84.1	88.8	90.3	92.8	93.8	94.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	9.2	65.3	77.7	85.5	90.2	91.7	94.2	95.3	95.4	96.0	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	9.2	65.5	77.9	85.7	90.4	91.9	94.5	95.5	95.6	96.2	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	9.2	65.6	78.1	86.1	90.6	92.3	95.1	96.2	96.2	96.8	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	9.2	65.8	78.0	86.6	91.4	92.9	95.8	97.0	97.1	97.7	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	9.2	66.0	78.8	86.8	91.5	93.1	96.0	97.2	97.3	97.9	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	9.3	66.1	79.0	87.1	91.9	93.5	96.4	97.6	97.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	9.4	66.3	79.3	87.3	92.4	93.9	96.8	98.2	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	9.4	66.3	79.3	87.5	92.4	93.9	96.9	98.3	98.5	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	9.4	66.3	79.3	87.5	92.4	93.9	97.0	98.4	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	9.4	66.3	79.3	87.5	92.4	93.9	97.1	98.5	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	9.4	66.3	79.3	87.5	92.4	93.9	97.1	98.5	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1300

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93723 FLEET REFUELER V4/DAVISON AAF

57-711

1110

STATION

STATION NAME

YEARS

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	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	4.8	12.5	34.0	44.2	46.0	50.2	51.0	52.3	52.6	53.0	53.4	53.5	53.8	53.8	53.8	53.8
≥ 20000	5.3	17.2	45.1	50.2	54.9	57.7	59.1	59.8	60.0	60.5	60.9	61.2	61.5	61.5	61.5	61.5
≥ 18000	5.3	17.2	45.1	50.8	54.9	57.3	59.1	59.8	60.0	60.5	60.9	61.2	61.5	61.5	61.5	61.6
≥ 16000	5.3	17.4	45.3	51.0	55.2	57.5	59.3	60.2	60.3	60.8	61.2	61.5	61.8	61.8	61.8	61.9
≥ 14000	5.3	18.4	46.3	52.1	56.4	58.8	60.5	61.9	61.7	62.2	62.0	62.8	63.2	63.2	63.2	63.3
≥ 12000	5.2	18.0	46.1	55.3	60.4	62.3	64.8	65.9	66.1	66.5	67.0	67.6	67.6	67.6	67.6	67.7
≥ 10000	6.7	46.5	55.2	61.4	66.5	69.7	71.8	72.9	73.1	73.8	74.2	74.5	74.8	74.8	74.8	74.9
≥ 9000	7.0	47.0	56.2	62.5	67.4	70.9	73.0	74.2	74.4	75.1	75.5	75.8	76.2	76.2	76.2	76.2
≥ 8000	7.4	49.4	58.8	65.3	71.1	76.3	76.4	77.7	77.8	78.5	79.2	79.4	79.8	79.8	79.8	79.8
≥ 7000	7.6	50.4	60.2	66.7	72.5	74.7	77.8	79.2	79.4	80.1	80.7	80.9	81.3	81.3	81.3	81.4
≥ 6000	7.8	50.8	60.6	67.2	73.1	76.3	78.4	79.9	80.1	80.8	81.4	81.6	82.0	82.0	82.0	82.1
≥ 5000	7.8	51.6	61.5	68.2	74.1	77.3	79.4	80.9	81.1	81.8	82.4	82.6	83.0	83.0	83.0	83.1
≥ 4500	8.1	52.0	62.0	68.7	74.5	77.8	80.0	81.5	81.7	82.4	83.0	83.2	83.6	83.6	83.6	83.7
≥ 4000	8.2	52.2	62.3	69.3	75.4	78.8	81.0	82.5	82.7	83.4	84.0	84.2	84.6	84.6	84.6	84.7
≥ 3500	8.4	52.3	62.5	69.5	75.7	79.1	81.3	82.8	83.0	83.7	84.3	84.5	84.9	84.9	84.9	85.0
≥ 3000	8.4	52.5	62.6	69.9	76.2	79.6	81.8	83.3	83.6	84.3	84.9	85.2	85.5	85.5	85.5	85.6
≥ 2500	8.4	52.8	63.2	70.3	76.7	80.1	82.4	84.1	84.2	84.9	85.5	85.8	86.2	86.2	86.2	86.3
≥ 2000	8.5	53.3	64.0	71.2	77.8	81.3	83.6	85.3	85.5	86.2	86.8	87.1	87.5	87.5	87.5	87.5
≥ 1800	8.5	53.5	64.3	71.5	78.2	81.6	83.9	85.6	85.8	86.5	87.1	87.5	87.9	87.9	87.9	88.0
≥ 1500	8.6	54.2	65.1	72.4	79.2	82.6	85.1	86.7	87.2	88.0	88.8	89.1	89.5	89.5	89.5	89.5
≥ 1200	8.8	54.8	65.9	73.7	80.7	84.2	87.1	88.9	89.2	90.0	90.8	91.1	91.5	91.5	91.5	91.5
≥ 1000	8.8	55.0	66.2	74.5	81.7	85.4	88.3	90.2	90.4	91.2	92.1	92.3	92.8	92.8	92.8	92.8
≥ 900	8.8	55.2	66.5	75.2	82.3	86.0	88.9	90.6	91.0	91.8	92.8	93.0	93.5	93.5	93.5	93.5
≥ 800	8.8	55.5	66.8	75.7	83.1	86.8	89.7	91.5	91.8	92.7	93.6	93.8	94.3	94.3	94.3	94.4
≥ 700	8.8	56.0	67.3	76.2	84.0	87.9	90.8	92.8	93.2	94.2	95.2	95.4	95.8	95.8	95.8	95.9
≥ 600	8.8	56.2	67.6	76.5	84.5	89.2	92.2	94.3	94.6	95.6	96.6	96.8	97.3	97.3	97.3	97.4
≥ 500	8.8	56.4	67.8	76.9	85.2	90.1	93.2	95.4	95.7	96.7	97.7	97.9	98.4	98.4	98.4	98.5
≥ 400	8.8	56.4	67.9	76.9	85.5	90.5	93.8	95.9	96.2	97.3	98.3	98.7	99.2	99.4	99.4	99.5
≥ 300	8.8	56.4	67.9	76.9	85.5	90.5	93.8	96.0	96.4	97.5	98.6	99.0	99.6	99.8	99.8	99.8
≥ 200	8.8	56.4	67.9	76.9	85.5	90.5	93.8	96.0	96.4	97.5	98.6	99.0	99.6	99.8	99.8	99.8
≥ 100	8.8	56.4	67.9	76.9	85.5	90.5	93.8	96.0	96.4	97.5	98.6	99.0	99.6	99.8	99.8	100.0
≥ 0	8.8	56.4	67.9	76.9	85.5	90.5	93.8	96.0	96.4	97.5	98.6	99.0	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1300

DATA PROCESSING DIVISION
USAF ETAC
AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037-8
STATION

11ST BELVUE VZCAVISON AAF
STATION NAME

57-70
YEARS

100
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.5	48.0	54.0	55.1	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	8.4	45.2	51.7	54.0	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 18000	9.5	55.5	61.6	65.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 16000	9.6	55.7	61.8	65.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 14000	8.6	56.6	62.8	66.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 12000	8.8	59.3	65.7	69.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 10000	9.2	63.7	70.7	74.9	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 9000	9.2	64.0	71.3	75.9	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 8000	9.5	65.7	73.3	77.7	79.5	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 7000	9.5	66.2	74.2	78.6	80.4	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 6000	9.6	66.9	74.9	79.3	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 5000	10.0	68.5	76.5	80.9	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4500	10.0	68.6	76.6	81.0	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 4000	10.3	69.4	77.6	82.2	84.1	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 3500	10.5	69.6	78.0	82.6	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 3000	10.5	70.6	79.1	83.8	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 2500	10.8	71.1	79.9	84.8	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 2000	10.9	72.2	81.2	86.8	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1800	11.0	72.5	81.6	87.2	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1500	11.1	73.1	82.3	87.9	90.5	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1200	11.2	74.4	83.9	89.6	92.5	93.2	93.5	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
IV 1000	11.2	75.3	85.2	90.9	94.1	94.9	95.4	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
IV 900	11.2	75.4	85.2	91.1	94.2	95.2	95.8	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5
IV 800	11.2	75.9	86.2	92.3	95.7	96.7	97.3	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	11.2	75.9	86.2	92.3	95.7	96.7	97.3	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	11.2	76.0	86.5	93.0	96.5	97.8	98.5	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	11.2	76.0	86.5	93.1	96.7	98.0	98.7	99.2	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8
IV 400	11.2	76.0	86.5	93.1	96.7	98.0	98.7	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
IV 300	11.2	76.0	86.5	93.1	96.7	98.0	98.7	99.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	11.2	76.0	86.5	93.1	96.7	98.0	98.7	99.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	11.2	76.0	86.5	93.1	96.7	98.0	98.7	99.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	11.2	76.0	86.5	93.1	96.7	98.0	98.7	99.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1301

DATA PROCESSING DIVISION
USAF ETAC
AIR REPORT SERVICE/MAC

CEILING VERSUS VISIBILITY

43728
STATION

FICT RELV III VZ/DAVISDA AAF
STATION NAME

57-71
YEARS

1961
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1291-1660
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 0
NO CEILING ≥ 20000	15.1 12.5	50.6 61.0	54.3 62.0	55.7 67.5	55.9 67.5	55.7 67.5	55.9 67.5	55.9 67.5	55.9 67.5	55.9 67.5	55.9 67.5	55.9 67.5	55.9 67.5	55.9 67.5	55.9 67.5
≥ 18000 ≥ 16000	12.6 12.6	51.2 61.5	55.8 66.1	67.6 67.9	67.6 67.9	67.6 67.9	67.6 67.9	67.6 67.9	67.6 67.9	67.6 67.9	67.6 67.9	67.6 67.9	67.6 67.9	67.6 67.9	67.6 67.9
≥ 14000 ≥ 12000	12.6 14.3	52.5 65.4	67.3 71.0	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6
≥ 10000 ≥ 9000	13.5 13.5	69.4 70.1	74.7 75.6	76.9 77.9	76.9 77.9	76.9 77.9	76.9 77.9	76.9 77.9	76.9 77.9	76.9 77.9	76.9 77.9	76.9 77.9	76.9 77.9	76.9 77.9	76.9 77.9
≥ 8000 ≥ 7000	14.0 14.0	72.3 72.8	77.3 78.0	80.2 81.1	80.5 81.2	80.5 81.3	80.5 81.3	80.5 81.3	80.5 81.3	80.5 81.3	80.5 81.3	80.5 81.3	80.5 81.3	80.5 81.3	80.5 81.3
≥ 6000 ≥ 5000	14.2 14.5	73.5 75.2	79.3 81.2	81.3 83.6	82.0 83.9	82.1 83.9	82.1 83.9	82.1 83.9	82.1 83.9	82.1 83.9	82.1 83.9	82.1 83.9	82.1 83.9	82.1 83.9	82.1 83.9
≥ 4500 ≥ 4000	14.8 15.1	76.2 78.2	82.1 84.3	84.6 86.7	84.8 87.2	84.9 87.2	84.9 87.2	84.9 87.2	84.9 87.2	84.9 87.2	84.9 87.2	84.9 87.2	84.9 87.2	84.9 87.2	84.9 87.2
≥ 3500 ≥ 3000	15.3 15.3	79.5 81.3	85.6 87.9	88.3 91.0	88.6 91.3	88.7 91.4	88.7 91.5	88.7 91.5	88.7 91.5	88.7 91.5	88.7 91.5	88.7 91.5	88.7 91.5	88.7 91.5	88.7 91.5
≥ 2500 ≥ 2000	15.5 15.7	82.9 83.6	90.0 90.9	93.6 94.9	94.0 95.2	94.2 95.5	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6
≥ 1800 ≥ 1500	15.7 15.8	83.7 84.2	91.2 92.0	95.2 96.1	95.8 96.8	96.1 97.2	96.2 97.4	96.2 97.4	96.2 97.4	96.2 97.4	96.2 97.4	96.2 97.4	96.2 97.4	96.2 97.4	96.2 97.4
≥ 1200 ≥ 1000	15.8 15.8	84.3 84.6	92.2 92.5	96.3 96.6	97.2 97.8	97.7 98.3	98.0 98.8	98.0 98.8	98.0 98.8	98.0 98.8	98.0 98.8	98.0 98.8	98.0 98.8	98.0 98.8	98.0 98.8
≥ 900 ≥ 800	15.8 15.8	84.6 84.6	92.5 92.5	96.6 96.7	97.8 97.9	98.4 98.5	98.8 99.0	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1
≥ 700 ≥ 600	15.8 15.8	84.6 84.6	92.5 92.5	96.7 96.8	97.9 98.1	98.5 98.7	99.0 99.3	99.1 99.5	99.1 99.5	99.1 99.5	99.1 99.5	99.1 99.5	99.1 99.5	99.1 99.5	99.1 99.5
≥ 500 ≥ 400	15.8 15.8	84.6 84.6	92.5 92.5	96.8 96.8	98.1 98.2	98.7 98.8	99.3 99.5	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7
≥ 300 ≥ 200	15.8 15.8	84.6 84.6	92.5 92.5	96.8 96.8	98.2 98.2	98.8 98.8	99.5 99.5	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
≥ 100 ≥ 0	15.8 15.8	84.6 84.6	92.5 92.5	96.8 96.8	98.2 98.2	98.8 98.8	99.5 99.5	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7

TOTAL NUMBER OF OBSERVATIONS 1361

DATA PROCESSING DIVISION
USAF ETAC
AIR HEADQUARTERS VICE/AC

CEILING VERSUS VISIBILITY

937
STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	13.0	54.4	57.3	58.3	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	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 14000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 10000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 8000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 7000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 6000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 5000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4500	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 3500	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 3000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 2500	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 2000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 1800	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 1500	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 1200	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 1000	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 900	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 800	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 700	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 600	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 500	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 400	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 300	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 200	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 100	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 0	13.0	54.4	57.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5

TOTAL NUMBER OF OBSERVATIONS 1300

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADERSHIP SERVICE/AC

CEILING VERSUS VISIBILITY

937
STATION

PORT PLV 111 VZ/14V(S) 431
STATION NAME

57-75
YEARS

11/6
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-2100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	12.0	51.5	55.2	56.6	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3
≥ 20000	14.5	62.6	67.3	69.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 18000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 16000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 14000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 12000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 10000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 9000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 8000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 7000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 6000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 5000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 4500	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 4000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 3500	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 3000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 2500	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 2000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 1800	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 1500	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 1200	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 1000	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 900	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 800	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 700	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 600	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 500	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 400	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 300	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 200	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 100	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
≥ 0	14.6	62.6	67.3	68.7	69.3	69.4	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5

TOTAL NUMBER OF OBSERVATIONS 1301

DATA PROCESSING DIVISION
USAF ETAC
AIR LAT ER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME

7-70

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	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING ≥ 20000	7.7	10.7	10.2	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
18000	10.1	10.9	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
16000	10.1	10.9	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
14000	10.2	11.0	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
12000	11.1	11.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
10000	11.2	11.7	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
9000	11.2	11.7	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
8000	11.8	12.1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
7000	11.8	12.1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
6000	11.9	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
5000	12.0	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
4500	12.0	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
4000	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
3500	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
3000	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
2500	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
2000	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
1800	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
1500	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
1200	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
1000	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
900	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
800	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
700	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
600	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
500	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
400	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
300	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
200	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
100	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
0	12.1	12.0	11.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5

TOTAL NUMBER OF OBSERVATIONS 1361

3
DATA PROCESSING DIVISION
USAF ETAC
AIR BEAT LK SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 037.7
STATION NAME FORT BELVOIR VA/DIVISIONAL APT

57-70

YEARS

FP
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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.7	15.0	61.0	62.0	64.0	65.3	66.0	66.4	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.8
≥ 20000	12.7	15.0	61.0	62.0	64.0	65.3	66.0	66.4	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.8
18000	12.9	15.4	64.5	66.2	68.4	69.7	70.3	70.8	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2
16000	12.9	15.5	64.6	66.3	68.5	69.8	70.4	70.9	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3
14000	13.2	15.2	65.4	67.1	69.4	70.6	71.3	71.7	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1
12000	13.3	15.2	67.4	69.6	72.0	73.3	73.9	74.4	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8
10000	13.9	65.4	71.7	74.1	76.6	77.9	78.6	79.1	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6
9000	13.9	65.9	72.2	74.6	77.3	78.7	79.3	79.8	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.3
8000	14.4	68.4	74.2	77.2	80.0	81.3	82.1	82.6	82.8	82.9	83.1	83.1	83.2	83.2	83.3	83.3
7000	14.4	69.0	75.3	77.9	80.7	82.1	82.9	83.4	83.7	83.8	84.0	84.0	84.1	84.1	84.1	84.1
6000	14.4	69.4	76.1	78.6	81.3	82.7	83.5	84.1	84.3	84.4	84.6	84.6	84.7	84.7	84.8	84.8
5000	14.5	71.3	77.9	80.6	83.3	84.7	85.5	86.1	86.4	86.6	86.7	86.7	86.8	86.8	86.9	86.9
4500	14.5	71.3	78.0	80.6	83.4	84.8	85.6	86.2	86.5	86.7	86.8	86.8	86.9	86.9	87.0	87.0
4000	14.8	72.6	79.4	82.0	84.8	86.1	86.9	87.5	87.9	88.0	88.2	88.2	88.3	88.3	88.3	88.3
3500	14.8	73.4	80.2	82.9	85.8	87.1	87.9	88.6	88.9	89.0	89.2	89.2	89.3	89.3	89.4	89.4
3000	14.8	74.1	81.0	84.0	87.0	88.3	89.1	89.8	90.1	90.2	90.4	90.4	90.5	90.5	90.6	90.6
2500	14.8	74.2	81.3	84.4	87.4	88.7	89.5	90.2	90.5	90.6	90.8	90.8	90.9	90.9	91.0	91.0
2000	14.8	74.4	81.9	85.7	88.7	90.0	90.8	91.5	91.8	92.0	92.1	92.1	92.1	92.1	92.2	92.2
1800	14.8	74.4	81.9	85.7	88.7	90.0	90.8	91.5	91.8	92.0	92.1	92.1	92.1	92.1	92.2	92.2
1500	14.8	74.8	82.2	86.2	89.2	90.6	91.3	92.1	92.4	92.5	92.7	92.7	92.8	92.8	92.9	92.9
1200	14.8	75.1	82.3	86.5	89.7	91.0	91.8	92.5	92.9	93.0	93.2	93.2	93.3	93.3	93.3	93.3
1000	14.8	75.4	82.3	87.1	90.3	92.1	93.1	93.9	94.2	94.4	94.5	94.5	94.6	94.6	94.7	94.7
900	14.8	75.5	83.0	87.1	90.6	92.3	93.3	94.1	94.4	94.6	94.8	94.8	94.8	94.8	94.9	94.9
800	14.8	75.6	83.3	87.4	91.0	92.7	93.9	94.7	95.0	95.2	95.3	95.3	95.4	95.4	95.5	95.5
700	14.8	75.9	83.5	87.7	91.3	93.0	94.4	95.2	95.5	95.6	95.8	95.8	95.9	95.9	96.0	96.0
600	14.8	75.9	83.5	87.7	91.3	93.2	94.6	95.8	96.1	96.3	96.5	96.5	96.7	96.7	96.7	96.7
500	14.8	76.0	83.6	87.8	91.5	93.4	95.5	96.8	97.2	97.5	97.7	97.7	97.9	97.9	97.9	97.9
400	14.8	76.0	83.6	87.8	91.7	93.7	96.0	97.4	97.9	98.3	98.5	98.5	98.7	98.7	98.7	98.7
300	14.8	76.0	83.7	87.9	91.7	93.8	96.0	97.5	98.1	98.4	98.7	98.7	98.9	98.9	98.9	98.9
200	14.8	76.0	83.7	87.9	91.7	93.8	96.1	97.5	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.4
100	14.8	76.0	83.7	87.9	91.7	93.8	96.1	97.5	98.3	98.7	99.0	99.0	99.5	99.5	99.5	99.5
0	14.8	76.0	83.7	87.9	91.7	93.8	96.1	97.5	98.3	98.7	99.0	99.0	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037-1
STATION

PORT BELVOIR VA/DAVISON AAF
STATION NAME

27-7-1
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4166-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	12.5	50.4	56.3	58.8	60.5	61.3	62.4	63.1	63.3	63.6	63.7	63.7	63.8	64.0	64.3	64.3
≥ 20000	12.7	54.3	60.5	63.2	65.2	66.0	67.0	67.7	67.9	68.3	68.4	68.4	68.5	68.7	68.7	69.0
≥ 18000	12.7	54.3	60.5	63.2	65.2	66.0	67.0	67.7	67.9	68.3	68.4	68.4	68.5	68.7	68.7	69.0
≥ 16000	12.7	54.3	60.5	63.2	65.2	66.0	67.0	67.7	67.9	68.3	68.4	68.4	68.5	68.7	68.7	69.0
≥ 14000	12.9	55.0	61.2	64.0	66.0	66.7	67.8	68.5	68.7	69.0	69.2	69.2	69.3	69.4	69.4	69.8
≥ 12000	13.3	56.9	63.3	66.3	68.3	69.1	70.2	70.9	71.0	71.4	71.6	71.6	71.7	71.8	71.8	72.1
≥ 10000	13.4	59.3	66.0	69.3	71.2	72.1	73.2	73.9	74.0	74.4	74.6	74.6	74.7	74.8	74.8	75.2
≥ 9000	13.4	59.8	66.4	69.5	71.7	72.7	73.7	74.4	74.6	75.0	75.2	75.2	75.2	75.4	75.4	75.7
≥ 8000	13.6	61.8	68.6	71.7	74.4	75.3	76.3	77.3	77.5	77.9	78.0	78.0	78.1	78.3	78.3	78.7
≥ 7000	13.6	62.4	69.4	72.6	75.2	76.2	77.2	78.2	78.3	78.7	78.9	78.9	79.0	79.1	79.2	79.5
≥ 6000	13.6	62.9	70.1	73.4	76.1	77.1	78.1	79.1	79.2	79.6	79.8	79.8	79.8	80.0	80.1	80.4
≥ 5000	13.9	64.3	71.7	75.2	78.0	79.0	80.0	81.0	81.1	81.5	81.7	81.7	81.7	81.9	82.0	82.3
≥ 4500	13.9	64.6	72.1	75.6	78.3	79.3	80.3	81.3	81.4	81.8	82.0	82.0	82.1	82.2	82.3	82.6
≥ 4000	14.3	66.0	73.8	77.4	80.2	81.2	82.2	83.2	83.3	83.7	83.9	83.9	84.0	84.1	84.2	84.5
≥ 3500	14.5	66.3	74.2	77.9	80.6	81.7	82.8	83.7	83.9	84.2	84.4	84.4	84.5	84.7	84.8	85.1
≥ 3000	14.8	66.6	74.8	78.9	81.9	82.9	84.0	84.9	85.1	85.5	85.6	85.6	85.7	85.9	86.0	86.3
≥ 2500	14.8	67.1	75.6	79.6	82.9	83.9	85.0	86.0	86.1	86.5	86.7	86.7	86.9	87.0	87.1	87.3
≥ 2000	14.8	67.4	76.0	80.5	83.8	84.8	85.9	86.9	87.1	87.5	87.6	87.6	87.7	87.9	88.0	88.3
≥ 1800	14.8	67.9	76.5	81.0	84.4	85.3	86.5	87.5	87.7	88.1	88.3	88.3	88.3	88.5	88.6	88.9
≥ 1500	14.8	68.0	77.0	81.5	85.1	86.0	87.2	88.3	88.4	88.9	89.0	89.0	89.0	89.2	89.3	89.6
≥ 1200	14.8	68.5	77.9	82.7	86.3	87.4	88.6	89.6	89.8	90.2	90.3	90.3	90.4	90.6	90.6	91.0
≥ 1000	14.8	69.0	78.5	83.8	87.5	88.5	89.7	90.9	91.1	91.5	91.7	91.7	91.8	92.0	92.1	92.4
≥ 900	14.8	69.2	78.7	84.1	88.0	89.0	90.2	91.4	91.7	92.1	92.4	92.4	92.5	92.6	92.7	93.0
≥ 800	14.8	69.4	79.0	84.4	88.3	89.3	90.5	91.7	92.0	92.2	92.7	92.9	93.0	93.1	93.3	93.6
≥ 700	14.8	69.8	79.4	84.8	88.7	89.8	91.0	92.2	92.5	92.8	93.3	93.7	93.8	94.0	94.0	94.4
≥ 600	14.8	70.2	79.8	85.3	89.5	90.6	91.8	93.0	93.3	93.6	94.0	94.5	94.6	94.8	94.8	95.2
≥ 500	14.8	70.3	80.0	85.7	90.0	91.3	92.3	93.5	93.8	94.2	94.6	95.0	95.1	95.2	95.3	95.6
≥ 400	14.8	70.3	80.0	85.8	90.2	91.5	92.8	93.8	94.1	94.6	95.0	95.4	95.5	95.6	95.7	96.0
≥ 300	14.8	70.3	80.0	85.8	90.2	91.6	92.8	93.8	94.1	94.6	95.0	95.4	95.5	95.6	95.7	96.0
≥ 200	14.8	70.3	80.0	85.8	90.2	91.6	92.8	93.8	94.1	94.6	95.0	95.4	95.5	95.6	95.7	96.0
≥ 100	14.8	70.3	80.0	85.8	90.2	91.6	92.8	93.8	94.1	94.6	95.0	95.4	95.5	95.6	95.7	96.0
0	14.8	70.3	80.0	85.8	90.2	91.6	92.8	93.8	94.1	94.6	95.0	95.4	95.5	95.6	95.7	96.0

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PRESENTATION DIVISION
USAF ETAC
AIR FORCE SERVICE/NAAC

CEILING VERSUS VISIBILITY

03735 2057 BELMONT VORTIC IN AAF

57-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

114.00-02.00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.5	40.0	46.2	53.6	54.8	56.1	50.9	58.1	58.3	55.7	54.1	59.2	59.0	59.7	59.9	59.9
≥ 20000	4.5	42.0	49.2	54.9	51.7	60.2	61.0	62.1	62.4	62.5	63.1	63.4	61.9	64.5	64.6	64.4
≥ 18000	9.0	42.0	49.2	54.9	53.7	60.2	61.0	62.1	62.4	62.5	63.3	63.3	63.9	64.0	64.4	64.4
≥ 16000	9.0	42.1	49.4	54.1	58.9	60.3	61.1	62.3	62.5	62.7	63.4	63.5	64.0	64.2	64.5	64.6
≥ 14000	9.9	42.5	49.3	54.5	59.3	60.7	61.3	62.7	62.9	63.4	63.9	64.0	64.5	64.7	65.0	65.1
≥ 12000	9.9	44.0	51.7	57.9	61.7	63.2	64.0	65.2	65.4	65.7	66.3	66.5	67.0	67.1	67.5	67.6
≥ 10000	10.6	47.1	55.1	60.4	65.2	66.9	67.7	68.9	69.1	69.0	70.1	70.2	70.7	70.9	71.4	71.3
≥ 9000	10.5	47.9	56.0	61.4	66.1	67.9	68.8	70.0	70.2	70.7	71.2	71.3	71.8	72.0	72.3	72.4
≥ 8000	11.0	49.9	58.4	64.0	68.2	71.0	71.9	73.1	73.6	74.2	74.7	74.8	75.3	75.5	75.3	75.9
≥ 7000	11.0	50.2	58.7	64.3	69.5	71.3	72.2	73.4	73.9	74.5	75.2	75.2	75.8	76.0	76.3	76.2
≥ 6000	11.1	50.7	59.3	64.9	70.2	72.0	73.0	74.3	74.8	75.4	76.0	76.1	76.7	76.8	77.1	77.2
≥ 5000	11.3	51.8	60.6	66.3	71.7	73.5	74.5	75.4	76.3	76.9	77.6	77.7	78.3	78.4	78.7	78.6
≥ 4500	11.4	52.2	61.0	66.7	72.2	74.0	75.1	76.3	76.8	77.5	78.2	78.4	78.8	79.0	79.3	79.4
≥ 4000	11.4	53.4	62.6	68.6	74.3	75.9	76.9	78.2	78.7	79.3	80.1	80.1	80.7	80.9	81.2	81.3
≥ 3500	12.4	54.2	63.6	69.8	75.2	77.1	78.2	79.4	79.9	80.6	81.3	81.4	82.0	82.1	82.9	82.5
≥ 3000	12.5	55.2	64.7	71.0	76.8	78.5	79.5	80.8	81.3	81.9	82.7	82.8	83.3	83.5	83.8	83.9
≥ 2500	12.5	55.6	65.2	71.7	77.5	79.8	81.0	82.2	82.7	83.3	84.1	84.2	84.8	84.9	85.2	85.3
≥ 2000	12.5	55.8	65.8	72.4	78.3	80.6	81.9	83.3	83.7	84.4	85.2	85.2	85.8	86.0	86.3	86.7
≥ 1800	12.5	56.0	66.5	72.6	78.6	80.9	82.1	83.5	84.0	84.8	85.6	85.6	86.2	86.3	86.7	86.7
≥ 1500	12.5	56.5	66.5	73.3	79.3	81.7	83.0	84.4	84.8	85.6	86.4	86.4	87.1	87.2	87.5	87.4
≥ 1200	12.5	56.8	67.1	73.9	79.9	82.5	83.8	85.2	85.6	86.4	87.2	87.3	87.9	88.0	88.3	88.4
≥ 1000	12.5	56.9	67.2	74.3	80.6	83.2	84.8	86.2	86.7	87.5	88.3	88.4	89.0	89.1	89.4	89.4
≥ 900	12.5	57.1	67.4	74.5	81.0	83.6	85.4	86.7	87.2	88.1	88.9	89.0	89.5	89.7	90.0	90.1
≥ 800	12.5	57.4	67.9	75.2	81.6	84.5	86.5	88.0	88.6	89.6	90.5	90.6	91.1	91.3	91.5	91.7
≥ 700	12.5	57.9	68.5	75.9	82.9	85.5	87.5	89.1	89.8	90.9	91.7	91.8	92.4	92.5	92.9	92.9
≥ 600	12.5	57.9	68.7	76.1	82.8	86.0	88.6	90.4	91.0	92.1	93.2	93.3	93.8	94.0	94.3	94.4
≥ 500	12.5	58.0	68.9	76.4	83.2	86.7	89.7	92.2	92.9	94.4	95.5	95.5	96.2	96.3	96.6	96.7
≥ 400	12.5	58.0	68.9	76.4	83.3	86.8	90.0	92.9	93.5	95.2	96.3	96.3	97.1	97.3	97.6	97.6
≥ 300	12.5	58.0	69.0	76.5	83.3	87.0	90.2	93.2	93.8	95.6	96.7	96.8	97.8	97.9	98.1	98.1
≥ 200	12.5	58.0	69.0	76.5	83.3	87.0	90.2	93.2	93.8	95.6	96.7	96.8	97.8	97.9	98.4	98.2
≥ 100	12.5	58.0	69.0	76.5	83.3	87.0	90.2	93.2	93.8	95.6	96.7	96.8	98.0	98.3	98.8	98.4
≥ 0	12.5	58.0	69.0	76.5	83.3	87.0	90.2	93.2	93.8	95.6	96.7	96.8	98.1	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1260

CEILING VERSUS VISIBILITY

27-78

44

506-100
HOURS USED

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	10.0 9.7	15.6 15.3	17.0 16.7	18.8 18.5	20.6 20.3	22.7 22.4	24.9 24.6	27.1 26.8	29.3 29.0	31.5 31.2	33.7 33.4	35.9 35.6	38.1 37.8	40.3 40.0	42.5 42.2	44.7 44.4
IV 18000 16000	10.5 10.2	15.7 15.4	17.1 16.8	18.9 18.6	20.7 20.4	22.8 22.5	25.0 24.7	27.2 26.9	29.4 29.1	31.6 31.3	33.8 33.5	36.0 35.7	38.2 37.9	40.4 40.1	42.6 42.3	44.8 44.5
IV 14000 12000	17.3 17.1	22.1 21.9	24.2 24.0	26.4 26.2	28.6 28.4	30.8 30.6	33.0 32.8	35.2 35.0	37.4 37.2	39.6 39.4	41.8 41.6	44.0 43.8	46.2 46.0	48.4 48.2	50.6 50.4	52.8 52.6
IV 10000 9000	13.2 13.0	15.4 15.2	16.1 15.9	17.3 17.1	18.5 18.3	19.7 19.5	20.9 20.7	22.1 21.9	23.3 23.1	24.5 24.3	25.7 25.5	26.9 26.7	28.1 27.9	29.3 29.1	30.5 30.3	31.7 31.5
IV 8000 7000	16.3 16.1	17.6 17.4	18.1 17.9	19.4 19.2	20.7 20.5	21.9 21.7	23.2 23.0	24.4 24.2	25.7 25.5	26.9 26.7	28.2 28.0	29.4 29.2	30.7 30.5	31.9 31.7	33.2 33.0	34.4 34.2
IV 6000 5000	16.7 16.5	18.9 18.7	19.3 19.1	20.6 20.4	21.9 21.7	23.2 23.0	24.4 24.2	25.7 25.5	26.9 26.7	28.2 28.0	29.4 29.2	30.7 30.5	31.9 31.7	33.2 33.0	34.4 34.2	35.7 35.5
IV 4500 4000	16.9 16.7	19.1 18.9	19.5 19.3	20.8 20.6	22.1 21.9	23.4 23.2	24.6 24.4	25.9 25.7	27.2 27.0	28.4 28.2	29.7 29.5	30.9 30.7	32.2 32.0	33.5 33.3	34.7 34.5	36.0 35.8
IV 3500 3000	19.0 18.8	21.4 21.2	21.8 21.6	23.1 22.9	24.4 24.2	25.7 25.5	26.9 26.7	28.2 28.0	29.4 29.2	30.7 30.5	31.9 31.7	33.2 33.0	34.4 34.2	35.7 35.5	36.9 36.7	38.2 38.0
IV 2500 2000	19.4 19.2	21.8 21.6	22.2 22.0	23.5 23.3	24.8 24.6	26.1 25.9	27.4 27.2	28.7 28.5	29.9 29.7	31.2 31.0	32.5 32.3	33.8 33.6	35.1 34.9	36.4 36.2	37.7 37.5	38.9 38.7
IV 1800 1500	19.4 19.2	21.8 21.6	22.2 22.0	23.5 23.3	24.8 24.6	26.1 25.9	27.4 27.2	28.7 28.5	29.9 29.7	31.2 31.0	32.5 32.3	33.8 33.6	35.1 34.9	36.4 36.2	37.7 37.5	38.9 38.7
IV 1200 1000	19.5 19.3	21.9 21.7	22.3 22.1	23.6 23.4	24.9 24.7	26.2 26.0	27.5 27.3	28.8 28.6	30.1 29.9	31.4 31.2	32.7 32.5	34.0 33.8	35.3 35.1	36.6 36.4	37.9 37.7	39.2 39.0
IV 900 800	19.5 19.3	21.9 21.7	22.3 22.1	23.6 23.4	24.9 24.7	26.2 26.0	27.5 27.3	28.8 28.6	30.1 29.9	31.4 31.2	32.7 32.5	34.0 33.8	35.3 35.1	36.6 36.4	37.9 37.7	39.2 39.0
IV 700 600	19.5 19.3	21.9 21.7	22.3 22.1	23.6 23.4	24.9 24.7	26.2 26.0	27.5 27.3	28.8 28.6	30.1 29.9	31.4 31.2	32.7 32.5	34.0 33.8	35.3 35.1	36.6 36.4	37.9 37.7	39.2 39.0
IV 500 400	19.5 19.3	21.9 21.7	22.3 22.1	23.6 23.4	24.9 24.7	26.2 26.0	27.5 27.3	28.8 28.6	30.1 29.9	31.4 31.2	32.7 32.5	34.0 33.8	35.3 35.1	36.6 36.4	37.9 37.7	39.2 39.0
IV 300 200	19.5 19.3	21.9 21.7	22.3 22.1	23.6 23.4	24.9 24.7	26.2 26.0	27.5 27.3	28.8 28.6	30.1 29.9	31.4 31.2	32.7 32.5	34.0 33.8	35.3 35.1	36.6 36.4	37.9 37.7	39.2 39.0
IV 100 0	19.5 19.3	21.9 21.7	22.3 22.1	23.6 23.4	24.9 24.7	26.2 26.0	27.5 27.3	28.8 28.6	30.1 29.9	31.4 31.2	32.7 32.5	34.0 33.8	35.3 35.1	36.6 36.4	37.9 37.7	39.2 39.0

TOTAL NUMBER OF OBSERVATIONS 120

3

DATA PROCESSING DIVISION
UNAF STA
CIB DATA SERVICE/AMC

CEILING VERSUS VISIBILITY

STATION NAME: STATION NAME YEARS: 7-70 MONTH: SEP
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	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	58.5	59.1	59.7	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
≥ 20000	58.5	59.1	59.7	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
NV 18000	58.5	59.1	59.7	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
NV 16000	58.5	59.1	59.7	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
NV 14000	58.5	59.1	59.7	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
NV 12000	58.5	59.1	59.7	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
NV 10000	58.5	59.1	59.7	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
NV 9000	58.5	59.1	59.7	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
NV 8000	58.5	59.1	59.7	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
NV 7000	58.5	59.1	59.7	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
NV 6000	58.5	59.1	59.7	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
NV 5000	58.5	59.1	59.7	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
NV 4500	58.5	59.1	59.7	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
NV 4000	58.5	59.1	59.7	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
NV 3500	58.5	59.1	59.7	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
NV 3000	58.5	59.1	59.7	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
NV 2500	58.5	59.1	59.7	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
NV 2000	58.5	59.1	59.7	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
NV 1800	58.5	59.1	59.7	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
NV 1500	58.5	59.1	59.7	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
NV 1200	58.5	59.1	59.7	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
NV 1000	58.5	59.1	59.7	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
NV 800	58.5	59.1	59.7	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
NV 700	58.5	59.1	59.7	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
NV 600	58.5	59.1	59.7	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
NV 500	58.5	59.1	59.7	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
NV 400	58.5	59.1	59.7	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
NV 300	58.5	59.1	59.7	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
NV 200	58.5	59.1	59.7	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
NV 100	58.5	59.1	59.7	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
NV 0	58.5	59.1	59.7	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

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

147
STATION

1011 BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 8000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 7000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 6000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 5000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 4500	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 4000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 3500	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 3000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 2500	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 2000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 1800	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 1500	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 1200	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 1000	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 900	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 800	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 700	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 600	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 500	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 400	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 300	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 200	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 100	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 0	72.5	58.3	52.6	53.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
USAF ETAC
AIR EATING SERVICE/MAC

CEILING VERSUS VISIBILITY

9372P
STATION

AIR ETAC VZ/DAVIS H. AAI
STATION NAME

57-70
YEARS

455
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	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	17.2	18.7	11.1	61.6	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	17.2	18.7	11.1	61.6	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 18000	20.5	64.9	67.9	68.6	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 16000	20.5	64.9	67.9	68.6	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 14000	20.5	64.9	67.9	68.6	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 12000	20.5	64.9	67.9	68.6	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 10000	21.3	71.5	74.7	76.3	77.4	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 9000	21.3	71.5	74.7	76.3	77.4	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 8000	21.3	71.5	74.7	76.3	77.4	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 7000	21.3	71.5	74.7	76.3	77.4	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 6000	22.2	76.5	81.0	83.3	84.4	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 5000	22.2	76.5	81.0	83.3	84.4	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 4500	22.2	76.5	81.0	83.3	84.4	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 4000	22.2	76.5	81.0	83.3	84.4	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 3500	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3000	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2500	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2000	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1800	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1500	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1200	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1000	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 900	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 800	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 700	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 600	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 500	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 400	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 300	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 200	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 100	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 0	22.9	82.4	87.0	89.4	90.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9

TOTAL NUMBER OF OBSERVATIONS

1260

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 24725 FORT BELVUE V3/DAVISON AAF

57-76

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.4	57.6	62.1	64.2	65.0	66.2	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	14.4	62.1	66.9	68.8	71.3	71.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IVN 18000	14.8	62.1	66.9	68.8	71.3	71.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
16000	14.8	62.1	66.9	68.8	71.3	71.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IVN 14000	14.8	62.1	66.9	68.8	71.3	71.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
12000	14.8	62.1	66.9	68.8	71.3	71.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IVN 10000	15.6	69.6	74.6	78.0	79.9	81.7	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
9000	15.6	69.6	74.6	78.0	79.9	81.7	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IVN 8000	15.7	72.2	77.9	81.4	83.3	84.1	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
7000	15.7	72.2	77.9	81.4	83.3	84.1	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IVN 6000	15.9	73.8	79.5	83.4	85.4	86.2	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
5000	15.9	73.8	79.5	83.4	85.4	86.2	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IVN 4000	15.9	75.2	81.2	85.3	87.3	88.1	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
3500	15.9	75.2	81.2	85.3	87.3	88.1	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
3000	15.9	75.2	81.2	85.3	87.3	88.1	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IVN 2500	16.1	77.5	83.7	88.0	90.0	90.9	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
2000	16.1	77.5	83.7	88.0	90.0	90.9	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1800	16.1	78.4	84.5	89.0	91.3	92.4	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
1500	16.1	78.4	84.5	89.0	91.3	92.4	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVN 1200	16.1	79.2	85.8	90.7	92.9	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
1000	16.1	79.2	85.8	90.7	92.9	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IVN 900	16.1	79.3	86.0	90.9	93.2	94.7	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
800	16.1	79.3	86.0	90.9	93.2	94.7	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IVN 700	16.1	79.3	86.0	90.9	93.2	94.7	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
600	16.1	79.3	86.0	90.9	93.2	94.7	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IVN 500	16.1	79.3	86.0	90.9	93.2	94.7	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
400	16.1	79.3	86.0	90.9	93.2	94.7	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
300	16.1	79.4	86.3	91.4	94.1	95.6	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	16.1	79.4	86.3	91.4	94.1	95.6	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVN 100	16.1	79.4	86.4	91.5	94.2	95.7	97.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0	16.1	79.4	86.4	91.5	94.2	95.7	97.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 1200

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR DATA SERVICE/MAC

CEILING VERSUS VISIBILITY

91723
STATION

FULTON AIR VADAVISION AAF
STATION NAME

57-70
YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	17.6	17.1	12.9	10.7	10.8	10.1	10.5	17.3	17.4	17.8	18.0	18.1	18.2	18.3	18.4	18.7
≥ 20000	17.9	17.4	15.5	17.4	15.6	15.8	15.3	70.0	70.2	70.2	70.2	70.7	70.7	71.0	71.2	71.4
IV 18000	17.9	17.4	15.6	17.4	15.6	15.8	15.3	70.0	70.2	70.2	70.6	70.7	70.7	71.0	71.6	71.4
IV 16000	17.9	17.4	15.6	17.4	15.6	15.8	15.3	70.0	70.2	70.2	70.6	70.7	70.7	71.0	71.6	71.4
IV 14000	17.9	17.4	15.7	17.6	15.7	15.6	15.4	70.2	70.4	70.7	70.9	70.9	71.1	71.2	71.4	71.6
IV 12000	17.9	18.8	17.5	15.8	16.0	16.2	16.7	71.4	71.6	71.6	72.1	72.1	72.4	72.4	72.6	72.8
IV 10000	18.2	14.3	71.4	72.5	73.7	74.0	74.4	75.2	75.3	75.7	75.9	75.9	76.1	76.2	76.3	76.6
IV 9000	18.2	14.4	71.5	72.6	73.8	74.0	74.5	75.3	75.4	75.5	76.0	76.0	76.2	76.4	76.4	76.7
IV 8000	18.4	16.1	72.4	74.4	75.7	75.9	76.3	77.1	77.3	77.6	77.8	77.8	78.0	78.1	78.3	78.5
IV 7000	18.6	18.1	74.4	76.7	77.9	78.1	78.6	79.3	79.5	79.9	80.0	80.0	80.3	80.3	80.5	80.7
IV 6000	18.7	19.7	76.0	78.2	79.6	79.8	80.3	81.0	81.2	81.6	81.7	81.7	82.0	82.0	82.2	82.4
IV 5000	19.0	72.5	78.9	81.3	82.7	82.9	83.4	84.2	84.3	84.7	84.9	84.9	85.1	85.2	85.3	85.6
IV 4500	19.2	73.4	79.8	82.2	83.6	83.9	84.3	85.1	85.3	85.6	85.8	85.8	86.0	86.1	86.3	86.5
IV 4000	19.7	75.3	81.6	84.0	85.5	85.7	86.2	86.9	87.1	87.5	87.6	87.6	87.9	87.9	88.1	88.3
IV 3500	19.7	76.0	82.5	84.9	86.3	86.6	87.0	87.8	87.9	88.3	88.5	88.5	88.7	88.8	88.9	89.2
IV 3000	19.7	77.0	84.6	86.3	87.8	88.0	88.6	89.3	89.5	89.9	90.0	90.0	90.2	90.3	90.4	90.7
IV 2500	19.7	77.8	84.5	87.3	89.7	89.9	89.5	90.2	90.4	90.4	90.9	90.9	91.2	91.2	91.4	91.6
IV 2000	19.7	76.2	85.3	88.2	89.6	89.9	90.4	91.2	91.3	91.7	91.9	91.9	92.1	92.2	92.3	92.5
IV 1800	19.7	78.3	85.3	88.4	89.9	90.1	90.6	91.4	91.6	91.9	92.1	92.1	92.3	92.4	92.5	92.8
IV 1500	19.7	76.6	82.8	88.0	90.6	90.9	91.4	92.2	92.3	92.7	92.9	92.9	93.1	93.2	93.3	93.8
IV 1200	19.7	78.6	86.1	89.4	91.3	91.6	92.1	92.9	93.0	93.4	93.5	93.5	93.8	93.9	94.0	94.2
IV 1000	19.7	79.3	86.9	90.2	92.4	92.6	93.2	93.9	94.1	94.5	94.6	94.6	94.9	94.9	95.1	95.3
IV 900	19.7	79.4	87.0	90.4	92.6	92.9	93.4	94.2	94.3	94.7	94.9	94.9	95.1	95.2	95.3	95.5
IV 800	19.7	79.5	87.3	90.8	93.0	93.2	93.9	94.0	94.8	95.2	95.3	95.3	95.5	95.6	95.8	96.0
IV 700	19.7	79.5	87.3	90.8	93.0	93.2	93.9	94.0	94.8	95.2	95.3	95.3	95.5	95.6	95.8	96.0
IV 600	19.7	79.5	87.5	91.0	93.3	93.5	94.4	95.2	95.3	95.8	95.9	95.9	96.2	96.2	96.4	96.6
IV 500	19.7	79.8	87.9	91.7	94.5	94.7	95.7	96.6	96.9	97.3	97.3	97.3	97.7	97.7	97.9	98.2
IV 400	19.7	80.0	88.1	91.9	94.6	94.9	95.5	96.9	97.1	97.5	97.7	97.7	97.9	98.0	98.2	98.4
IV 300	19.7	80.0	88.1	91.9	94.7	94.9	95.9	97.2	97.4	97.9	98.1	98.1	98.3	98.4	98.6	98.8
IV 200	19.7	80.0	88.1	91.9	94.7	94.9	95.9	97.2	97.5	98.0	98.2	98.2	98.5	98.6	98.8	99.1
IV 100	19.7	80.0	88.1	91.9	94.7	94.9	95.9	97.2	97.5	98.0	98.2	98.2	98.5	98.6	98.8	99.2
IV 0	19.7	80.0	88.1	91.9	94.7	94.9	95.9	97.2	97.5	98.0	98.2	98.2	98.5	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
USAF ETAC
AIR TAILORED SERVICE/AC

CEILING VERSUS VISIBILITY

STATION 917-1 STATION NAME 1001 DELVIR 93/00010 0001 7-7-1 YEARS CT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	15.5 15.7	51.6 54.0	57.1 59.9	58.8 61.8	60.5 62.7	60.6 63.7	61.0 64.7	61.8 65.1	62.0 65.1	62.7 65.2	63.0 66.2	63.5 66.2	64.1 67.3	64.1 67.3	64.5 67.7	65.0 68.2
IV 18000 16000	15.7 15.7	54.0 54.0	59.9 59.9	61.8 61.8	63.7 63.7	63.7 64.7	64.7 65.1	65.1 65.1	65.1 65.1	65.2 65.2	66.2 66.2	66.2 66.2	67.3 67.3	67.3 67.3	67.7 67.7	68.2 68.2
IV 14000 12000	15.7 15.7	54.1 54.0	60.0 59.9	61.8 61.8	63.7 63.7	63.8 64.8	64.8 65.1	65.1 65.2	65.2 65.2	66.2 66.2	66.2 66.2	66.3 66.3	67.4 67.4	67.4 67.4	67.8 67.8	68.2 68.2
IV 10000 9000	16.4 16.4	58.1 58.3	64.4 64.5	66.4 66.7	68.3 68.6	68.4 68.7	69.4 69.7	69.7 70.0	69.7 70.0	70.0 70.0	70.8 70.8	71.1 71.1	71.9 71.9	72.0 72.2	72.4 72.7	72.6 73.1
IV 8000 7000	16.6 17.1	60.4 62.3	66.8 69.6	69.0 71.2	71.0 73.1	71.0 73.2	72.0 74.2	72.4 74.5	72.4 74.6	73.2 75.4	73.5 75.7	73.9 75.7	74.6 76.8	74.7 76.9	75.4 77.1	75.5 77.7
IV 6000 5000	17.2 17.7	63.7 66.6	70.4 73.4	72.6 75.7	74.7 77.5	74.7 77.7	75.7 78.8	76.0 79.1	76.1 79.2	77.0 80.3	77.3 80.3	77.3 80.3	78.3 81.4	78.4 81.5	78.8 81.5	79.3 82.3
IV 4500 4000	17.7 17.7	67.1 68.5	74.0 75.5	76.3 78.0	78.3 80.0	78.3 80.3	79.4 81.5	79.7 81.9	79.8 82.0	80.6 82.0	81.0 83.1	81.0 83.1	82.0 84.2	82.1 84.3	82.3 84.3	82.9 85.1
IV 3500 3000	17.7 18.0	69.9 70.7	76.0 77.0	77.7 79.9	80.5 82.0	81.1 82.4	82.3 83.6	82.6 84.0	82.7 84.1	83.0 84.9	83.9 85.3	83.9 85.3	84.9 86.3	85.0 86.4	85.4 86.8	85.9 87.3
IV 2500 2000	18.0 18.0	70.9 71.3	78.4 79.2	81.3 82.1	83.4 84.3	83.8 84.6	85.0 85.9	85.4 86.3	85.5 86.3	86.3 87.2	86.3 87.5	86.6 87.5	87.6 88.6	87.7 88.6	88.4 89.4	88.6 89.6
IV 1800 1500	18.0 18.0	71.4 71.7	79.3 79.6	82.2 82.9	84.3 85.1	84.7 85.5	85.9 86.7	86.3 87.1	86.4 87.2	87.3 88.0	87.6 88.3	87.6 88.3	88.6 89.4	88.6 89.5	89.1 89.5	89.6 90.3
IV 1200 1000	18.0 18.0	71.9 72.0	80.0 80.1	83.2 83.4	85.5 85.9	85.9 86.3	87.3 87.7	87.6 88.1	87.7 88.2	88.6 89.0	88.9 89.3	88.9 89.1	89.9 90.5	89.9 90.6	90.4 90.6	90.9 91.5
IV 900 800	18.0 18.0	72.2 72.4	80.4 80.7	83.7 84.1	86.3 86.7	86.7 87.1	88.1 88.6	88.5 89.0	88.6 89.1	89.4 89.9	89.7 90.2	89.7 90.2	90.9 91.5	90.9 91.6	91.2 92.0	91.9 92.5
IV 700 600	18.0 18.0	72.7 72.9	81.2 81.6	84.6 85.1	87.3 87.9	87.5 88.4	89.1 89.9	89.7 90.6	89.8 90.6	90.6 91.5	90.8 91.8	90.9 91.8	92.2 93.0	92.2 93.1	92.7 93.5	93.7 94.1
IV 500 400	18.0 18.0	72.9 73.1	81.7 82.0	85.4 85.6	88.6 88.9	89.1 89.5	90.0 91.1	91.3 91.9	91.4 92.0	92.3 93.0	92.6 93.3	92.6 93.3	93.9 94.5	93.9 94.7	94.4 95.2	94.9 95.7
IV 300 200	18.0 18.0	73.2 73.2	82.2 82.3	85.9 86.0	89.2 89.3	89.9 89.9	91.4 91.6	92.5 92.7	92.7 93.0	93.6 94.1	94.2 94.7	94.2 94.7	95.5 96.1	95.5 96.2	96.1 96.8	96.6 97.3
IV 100 0	18.0 18.0	73.2 73.2	82.3 82.3	86.0 86.0	89.3 89.3	89.9 89.9	91.6 91.6	92.8 92.8	93.1 93.1	94.3 94.3	95.0 95.1	95.0 95.1	96.5 96.5	96.9 96.9	97.5 97.7	98.3 100.0

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93722

FORT BELVOIR VA/DAVISON AAF

57-70

LCI

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

66.00-08.00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.2	41.3	47.0	46.9	52.7	59.0	59.1	56.1	56.4	56.6	56.6	57.0	57.0	57.0	57.1	57.4
≥ 20000	13.2	42.7	48.7	51.7	54.7	56.0	57.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 18000	13.2	42.7	48.7	51.7	54.7	56.0	57.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 16000	13.2	42.9	48.9	52.0	55.0	56.2	57.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 14000	13.2	43.1	49.1	52.2	55.2	56.4	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	13.5	44.3	50.3	53.3	56.3	57.6	58.6	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	14.1	46.3	52.0	55.2	57.3	60.6	61.6	63.7	63.2	63.6	63.9	63.9	64.2	64.2	64.2	64.2
≥ 9000	14.1	47.0	53.7	57.0	60.1	61.4	62.4	63.7	64.0	64.4	64.7	64.7	65.0	65.0	65.0	65.0
≥ 8000	14.5	50.0	54.7	60.1	63.5	64.9	65.9	67.3	67.5	67.9	68.3	68.3	68.6	68.6	68.6	68.6
≥ 7000	14.7	51.5	58.4	62.0	65.0	67.2	66.3	69.1	69.8	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥ 6000	14.8	52.5	59.6	63.2	67.0	69.4	69.5	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 5000	15.3	54.4	62.2	66.1	69.7	71.4	71.6	74.0	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	15.4	55.6	63.0	66.9	70.7	72.2	73.3	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000	15.7	57.3	64.8	69.0	72.9	74.6	76.0	77.3	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	15.7	57.6	65.1	69.3	73.3	74.9	76.4	77.9	78.0	78.9	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3000	15.7	58.0	65.6	69.8	74.2	73.9	77.4	78.9	79.0	79.9	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2500	15.7	58.6	66.4	70.6	75.2	77.0	76.6	80.1	80.2	81.1	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	15.8	59.8	67.7	72.0	76.9	73.5	80.2	81.9	82.0	82.9	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	15.8	59.9	67.9	72.3	77.2	74.0	80.7	82.3	82.5	83.3	83.8	83.9	84.2	84.2	84.2	84.2
≥ 1500	15.8	60.1	68.5	73.0	76.1	80.0	81.8	83.4	83.6	84.4	84.9	84.9	85.3	85.3	85.3	85.3
≥ 1200	15.8	60.5	68.9	73.6	76.9	80.8	82.6	84.4	84.6	85.4	85.9	85.9	86.3	86.3	86.3	86.3
≥ 1000	15.8	61.1	69.6	74.6	79.9	81.9	83.9	85.5	85.8	86.7	87.2	87.2	87.6	87.6	87.6	87.6
≥ 900	15.8	61.3	69.9	74.9	80.4	82.5	84.4	86.2	86.4	87.4	87.9	87.9	88.3	88.3	88.3	88.3
≥ 800	15.8	61.6	70.3	75.3	80.9	83.0	84.9	86.8	86.9	88.0	88.5	88.5	88.9	88.9	88.9	88.9
≥ 700	15.8	61.9	70.6	75.7	81.5	83.8	85.7	87.6	87.8	88.9	89.4	89.4	89.8	89.8	89.8	89.8
≥ 600	15.8	61.9	70.8	75.9	81.6	84.1	86.2	88.2	88.4	89.5	90.1	90.1	90.5	90.5	90.5	90.5
≥ 500	15.8	62.0	71.0	76.2	82.2	84.9	87.2	89.4	89.5	90.7	91.3	91.3	91.7	91.7	91.7	91.7
≥ 400	15.8	62.0	71.1	76.2	82.3	85.2	87.5	89.8	89.9	91.2	92.0	92.1	92.5	92.5	92.5	92.5
≥ 300	15.8	62.0	71.1	76.2	82.4	85.1	87.7	90.1	90.3	92.0	92.9	93.1	93.7	93.8	93.8	93.8
≥ 200	15.8	62.0	71.1	76.2	82.4	85.1	87.8	90.2	90.4	92.1	93.4	93.7	94.4	94.5	94.5	94.5
≥ 100	15.8	62.0	71.1	76.2	82.4	85.1	87.9	90.2	90.5	92.3	93.5	93.9	94.6	94.9	94.9	94.9
≥ 0	15.8	62.0	71.1	76.2	82.4	85.1	87.9	90.2	90.5	92.3	93.5	93.9	94.7	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS 1301

DATA PROCESSING DIVISION
USAF LTA
AIR LANTIA SERVICE/MAC

CEILING VERSUS VISIBILITY

037.1	CHET BELVOIR V. / ADVISON AAF
STATION	STATION NAME

57-76

1.67

STATION

STATION NAME

YEARS

MONITOR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	19.5 27.1	52.0 55.5	54.2 58.4	55.8 60.3	57.2 61.7	57.5 62.1	57.8 62.4	58.0 62.7	58.0 62.6	58.0 62.6	58.0 62.6	58.0 62.6	58.1 62.8	58.1 62.8	58.1 62.8	58.1 62.8
IV 18000 16000	20.1 20.1	55.6 55.9	58.5 59.7	60.3 60.6	61.8 62.2	62.2 62.4	62.5 62.7	62.6 62.9	62.6 62.9	62.7 63.0	62.7 63.1	62.7 63.2	62.9 63.1	62.9 63.1	63.0 63.2	63.0 63.2
IV 14000 12000	20.1 20.7	56.0 57.5	59.0 60.9	60.8 62.4	62.3 64.0	62.6 64.3	63.0 64.6	63.1 64.8	63.2 64.7	63.2 64.9	63.2 64.9	63.2 64.9	63.3 65.0	63.3 65.1	63.4 65.1	63.4 65.1
IV 10000 9000	21.2 21.4	60.7 61.6	64.0 64.8	66.0 66.9	67.7 68.6	68.2 69.2	68.5 69.5	68.6 69.6	68.6 69.6	68.8 69.8	68.8 69.8	68.8 69.8	68.9 69.9	68.9 69.9	69.0 70.0	69.0 70.0
IV 8000 7000	21.8 22.1	63.9 64.8	67.5 68.6	69.8 70.9	71.5 72.8	72.1 73.4	72.4 73.7	72.6 73.9	72.6 73.9	72.7 74.0	72.7 74.0	72.7 74.0	72.9 74.2	72.9 74.2	72.9 74.2	72.9 74.2
IV 6000 5000	22.1 22.8	65.3 67.2	69.0 71.9	71.3 74.4	73.2 76.3	73.9 76.9	74.2 77.2	74.3 77.4	74.3 77.4	74.5 77.6	74.5 77.6	74.5 77.6	74.6 77.7	74.6 77.7	74.7 77.8	74.7 77.8
IV 4500 4000	22.8 23.2	68.5 71.4	72.5 75.5	75.1 78.0	77.0 80.6	77.6 81.3	77.9 81.7	78.1 81.9	78.1 81.9	78.2 82.1	78.2 82.1	78.2 82.1	78.4 82.2	78.4 82.2	78.5 82.3	78.5 82.3
IV 3500 3000	23.3 23.6	71.9 72.6	75.0 76.9	79.0 80.0	81.2 82.2	81.9 83.0	82.3 83.5	82.5 83.6	82.5 83.7	82.7 83.9	82.7 83.9	82.7 83.9	82.9 84.0	82.9 84.0	82.9 84.1	82.9 84.1
IV 2500 2000	23.5 23.6	73.9 74.6	78.2 79.0	81.5 82.3	83.9 84.8	84.7 85.5	85.2 86.2	85.4 86.8	85.5 86.8	85.6 86.9	85.6 86.9	85.6 86.9	85.8 87.1	85.8 87.1	85.9 87.2	85.9 87.2
IV 1800 1500	23.6 23.6	74.6 75.1	79.2 80.2	82.5 83.7	84.9 86.4	85.9 87.5	86.8 88.7	87.1 89.0	87.2 89.1	87.3 89.2	87.3 89.2	87.3 89.2	87.5 89.4	87.5 89.4	87.5 89.5	87.5 89.5
IV 1200 1000	23.6 23.6	75.4 76.9	80.9 82.5	85.6 86.5	88.3 89.6	89.5 90.9	90.9 92.2	91.3 92.6	91.4 92.8	91.5 92.9	91.5 92.9	91.5 92.9	91.7 93.1	91.7 93.1	91.8 93.2	91.8 93.2
IV 900 800	23.6 23.6	77.1 77.3	82.7 82.9	86.9 87.2	90.2 91.1	91.5 92.4	92.9 93.9	93.4 94.3	93.5 94.5	93.8 94.7	93.9 94.9	93.9 94.9	94.0 95.0	94.0 95.0	94.1 95.1	94.1 95.1
IV 700 600	23.6 23.6	77.4 77.4	83.1 83.1	87.4 87.4	91.5 91.9	92.9 93.3	94.4 94.9	94.9 95.6	95.0 95.8	95.2 96.1	95.4 96.2	95.4 96.2	95.5 96.4	95.5 96.4	95.6 96.5	95.6 96.5
IV 500 400	23.6 23.6	77.4 77.4	83.1 83.1	87.4 87.4	92.2 92.2	93.9 93.9	95.6 95.6	96.5 96.7	96.7 97.1	97.3 97.3	97.3 97.3	97.3 97.3	97.5 97.5	97.5 97.5	97.6 97.6	97.6 97.6
IV 300 200	23.6 23.6	77.4 77.4	83.1 83.1	87.4 87.4	92.2 92.2	94.1 94.1	95.8 95.8	96.8 97.2	97.2 97.9	97.9 98.5	98.5 98.5	98.5 98.5	98.8 98.8	98.8 98.8	99.4 99.4	99.4 99.4
IV 100 0	23.6 23.6	77.4 77.4	83.1 83.1	87.4 87.4	92.2 92.2	94.1 94.1	95.8 95.8	96.8 97.2	97.2 97.9	97.9 98.5	98.5 98.5	98.5 98.5	99.1 99.1	99.1 99.1	99.7 99.7	99.7 99.7

TOTAL NUMBER OF OBSERVATIONS 1301

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93720
STATION

PORT BELVOIR V4/DAVISON AAF
STATION NAME

97-70
YEARS

CT
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	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	6.2	57.8	38.8	39.5	39.0	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	7.3	52.9	44.0	54.9	62.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 18000	7.3	62.9	64.0	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 16000	7.3	62.9	64.0	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 14000	7.4	63.3	64.4	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5
IV 12000	7.7	64.9	66.2	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
IV 10000	7.8	68.1	69.5	70.8	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 9000	7.8	69.1	70.5	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 8000	7.8	71.7	73.0	74.2	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
IV 7000	7.8	72.8	74.2	75.3	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
IV 6000	7.8	73.9	74.4	75.6	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 5000	7.9	75.7	77.1	78.3	78.9	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 4500	7.9	77.0	78.3	79.7	80.3	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 4000	8.0	80.9	82.3	83.7	84.3	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 3500	8.1	83.3	84.6	86.1	86.9	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 3000	8.1	84.6	86.1	87.6	88.4	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2500	8.1	85.9	87.6	89.0	90.0	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 2000	8.1	86.8	88.7	90.6	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1800	8.1	87.3	89.2	91.0	92.0	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1500	8.1	87.6	89.7	91.7	92.7	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1200	8.1	88.2	90.5	92.6	93.9	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000	8.1	88.3	90.6	93.0	94.5	95.1	95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 900	8.1	88.5	90.8	93.2	94.7	95.4	95.9	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 800	8.1	88.5	90.9	93.4	95.2	96.2	96.7	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 700	8.1	88.5	91.1	93.6	95.6	96.6	97.2	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	8.1	88.6	91.2	93.9	95.9	96.9	97.5	98.1	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	8.1	88.6	91.3	94.1	96.2	97.4	97.9	98.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	8.1	88.6	91.3	94.2	96.3	97.6	98.2	98.8	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	8.1	88.6	91.3	94.2	96.3	97.7	98.2	98.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	8.1	88.6	91.3	94.2	96.3	97.7	98.2	98.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	8.1	88.6	91.3	94.2	96.3	97.7	98.2	98.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	8.1	88.6	91.3	94.2	96.3	97.7	98.2	98.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1302

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 93726 AIR CENTER SERVICE/MAC

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.6	58.8	59.7	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
≥ 20000	9.8	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	9.8	64.7	65.7	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
≥ 16000	9.8	64.7	65.7	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
≥ 14000	9.8	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 12000	9.8	64.7	65.7	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
≥ 10000	9.8	64.7	65.7	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
≥ 9000	9.8	64.7	65.7	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	9.8	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	9.8	64.7	65.7	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
≥ 6000	9.8	64.7	65.7	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
≥ 5000	9.8	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4500	9.8	64.7	65.7	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
≥ 4000	9.8	64.7	65.7	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
≥ 3500	9.8	64.7	65.7	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
≥ 3000	9.8	64.7	65.7	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
≥ 2500	9.8	64.7	65.7	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
≥ 2000	9.8	64.7	65.7	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
≥ 1800	9.8	64.7	65.7	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
≥ 1500	9.8	64.7	65.7	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
≥ 1200	9.8	64.7	65.7	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
≥ 1000	9.8	64.7	65.7	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
≥ 900	9.8	64.7	65.7	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
≥ 800	9.8	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 700	9.8	64.7	65.7	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
≥ 600	9.8	64.7	65.7	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
≥ 500	9.8	64.7	65.7	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
≥ 400	9.8	64.7	65.7	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
≥ 300	9.8	64.7	65.7	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
≥ 200	9.8	64.7	65.7	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
≥ 100	9.8	64.7	65.7	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
≥ 0	9.8	64.7	65.7	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

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93725
STATION

PLY BELVOIR VA/DAVISON AAF
STATION NAME

27-70
YEARS

1-7
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-70-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	3.0	39.8	52.9	63.8	64.0	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 20000	3.7	54.4	67.7	68.7	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
18000	3.7	54.4	67.7	68.4	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
16000	3.7	54.8	68.1	68.7	69.2	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
14000	3.8	56.1	69.4	70.1	70.7	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
12000	4.3	69.6	73.3	74.1	74.8	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
10000	4.3	70.0	73.7	74.6	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
9000	4.6	72.6	76.3	77.3	78.0	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
8000	4.6	74.7	78.5	79.4	80.1	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
7000	4.6	76.3	80.3	81.3	82.1	82.3	82.3	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5
6000	4.6	79.5	83.6	84.9	85.7	85.8	86.1	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3
5000	4.6	80.0	84.3	85.6	86.4	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
4500	4.6	83.6	88.2	89.5	90.3	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
4000	4.6	84.9	89.8	91.2	92.0	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
3500	4.6	85.9	90.9	92.4	93.2	93.6	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
3000	4.6	86.6	91.6	93.2	94.1	94.5	94.5	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
2500	4.6	87.0	92.2	93.9	94.8	95.2	95.3	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
2000	4.6	87.3	92.5	94.1	95.1	95.6	95.8	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
1800	4.6	87.7	93.0	94.9	96.2	97.0	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
1600	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
1400	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
1200	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
1000	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
900	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
800	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
700	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
600	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
500	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
400	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
300	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
200	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
100	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
0	4.6	87.7	93.1	95.2	96.5	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS

1307

DATA PROCESSING DIVISION
USAF ETAC
AIR ETAC SERVICE/AC

CEILING VERSUS VISIBILITY

STATION
727

STATION NAME
FORT BELVOIR VA/DAVISON AFB

YEARS
72-76

MONTH

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

710122300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	68.7	69.8	64.6	65.9	66.7	66.9	67.4	67.3	67.8	67.9	66.1	63.1	63.1	63.3	63.3	68.3
≥ 20000	64.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
18000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
16000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
14000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
12000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
10000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
9000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
8000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
7000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
6000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
5000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
4500	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
4000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
3500	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
3000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
2500	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
2000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
1800	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
1500	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
1200	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
1000	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
900	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
800	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
700	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
600	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
500	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
400	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
300	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
200	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
100	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8
0	67.1	62.1	67.1	63.4	69.3	69.4	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8

TOTAL NUMBER OF OBSERVATIONS

1332

DATA PROCESSING DIVISION
USAF ETAC
AIR LAFB - 8-VICF/MAC

CEILING VERSUS VISIBILITY

STATION 53720 PORT GILVER VA/ JAMESON AAF STATION NAME 57-70 YEARS CIV MONTH 1000-0200 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.6	50.5	54.8	55.0	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.9	56.9	57.1	57.3	57.4
≥ 20000	15.2	54.9	59.4	61.7	61.0	61.0	61.4	61.4	61.5	61.5	61.7	61.7	61.7	61.8	62.1	62.1
≥ 18000	15.2	55.2	59.7	61.0	61.2	61.3	61.7	61.7	61.7	61.7	61.7	61.9	61.9	62.1	62.2	62.4
≥ 16000	15.3	55.2	59.8	61.0	61.3	61.3	61.7	61.7	61.8	61.8	62.0	62.0	62.1	62.3	62.4	62.5
≥ 14000	15.3	55.8	61.3	61.6	61.8	61.9	62.3	62.3	62.4	62.4	62.5	62.5	62.7	62.9	62.9	63.0
≥ 12000	16.0	58.1	62.7	64.2	64.4	64.5	64.9	64.9	65.1	65.2	65.3	65.3	65.5	65.6	65.7	65.9
≥ 10000	16.6	61.5	66.4	67.9	68.3	68.3	68.7	68.7	68.9	69.0	69.1	69.1	69.3	69.4	69.0	69.7
≥ 9000	16.6	62.1	67.0	68.5	68.8	68.9	69.3	69.3	69.4	69.5	69.7	69.7	69.8	70.0	70.2	71.2
≥ 8000	17.3	65.4	71.0	72.5	72.8	72.9	73.3	73.3	73.4	73.5	73.7	73.7	73.8	74.0	74.1	74.2
≥ 7000	17.3	67.9	73.4	74.9	75.3	75.6	76.0	76.0	76.1	76.2	76.3	76.4	76.5	76.7	76.8	76.9
≥ 6000	17.3	70.2	76.1	77.6	78.0	78.3	78.7	78.7	78.8	78.9	79.0	79.0	79.2	79.4	79.5	79.6
≥ 5000	17.4	72.2	78.1	79.7	80.2	80.4	80.8	80.8	81.0	81.0	81.2	81.2	81.3	81.5	81.7	81.7
≥ 4500	17.4	72.6	78.7	80.5	81.0	81.2	81.6	81.6	81.7	81.8	82.0	82.0	82.1	82.3	82.5	82.8
≥ 4000	17.5	73.9	80.0	81.7	82.2	82.5	83.0	83.0	83.2	83.3	83.4	83.6	83.6	83.7	83.9	84.0
≥ 3500	17.5	74.8	81.0	82.8	83.3	83.6	84.0	84.0	84.2	84.3	84.4	84.4	84.6	84.8	84.9	85.0
≥ 3000	17.5	75.8	82.3	84.0	85.1	85.4	85.9	86.0	86.1	86.2	86.3	86.3	86.5	86.7	86.8	86.9
≥ 2500	17.5	76.7	83.6	85.7	86.7	87.0	87.5	87.5	87.7	87.9	88.0	88.0	88.2	88.3	88.5	88.6
≥ 2000	17.5	78.9	85.8	88.1	89.0	89.4	89.9	90.0	90.2	90.4	90.6	90.6	90.7	90.9	91.1	91.1
≥ 1800	17.5	79.0	86.0	88.3	89.2	89.5	90.1	90.2	90.4	90.6	90.7	90.7	90.9	91.0	91.2	91.3
≥ 1500	17.5	79.0	86.3	88.7	89.7	90.0	90.6	90.6	91.0	91.2	91.3	91.3	91.5	91.7	91.8	91.9
≥ 1200	17.5	79.5	87.2	89.5	90.6	91.0	91.7	92.0	92.0	92.2	92.5	92.6	92.8	92.9	93.1	93.2
≥ 1000	17.5	80.0	87.7	90.0	91.1	91.5	92.3	92.5	92.9	93.1	93.3	93.3	93.4	93.6	93.7	93.8
≥ 900	17.5	80.2	87.9	90.2	91.3	91.7	92.5	92.8	93.1	93.3	93.5	93.5	93.7	93.8	94.0	94.0
≥ 800	17.5	80.2	88.1	90.4	91.7	92.2	93.1	93.4	93.7	94.0	94.1	94.1	94.3	94.4	94.6	94.7
≥ 700	17.5	80.3	88.5	90.8	92.1	92.8	93.5	93.8	94.1	94.4	94.5	94.5	94.7	94.8	95.0	95.1
≥ 600	17.5	80.6	88.8	91.2	92.5	93.1	94.0	94.4	94.7	94.9	95.1	95.1	95.2	95.4	95.6	95.6
≥ 500	17.5	80.9	89.2	91.7	93.6	94.3	95.2	95.6	96.0	96.3	96.5	96.5	96.7	96.8	97.0	97.1
≥ 400	17.5	81.0	89.4	92.0	94.0	94.8	95.9	96.7	97.1	97.6	97.8	97.8	97.9	98.1	98.2	98.3
≥ 300	17.5	81.0	89.4	92.0	94.0	94.8	95.9	96.7	97.1	97.6	97.8	97.8	98.1	98.2	98.3	98.4
≥ 200	17.5	81.0	89.4	92.0	94.0	94.8	95.9	96.7	97.1	97.6	97.8	97.8	98.1	98.2	98.3	98.4
≥ 100	17.5	81.0	89.4	92.0	94.0	94.8	95.9	96.7	97.1	97.6	97.8	97.8	98.1	98.2	98.3	98.4
≥ 0	17.5	81.0	89.4	92.0	94.0	94.8	95.9	96.7	97.1	97.6	97.8	97.8	98.1	98.2	98.3	98.4

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93726
STATION

PONT BELVOIR VA/OA/VISUAL AAF
STATION NAME

57-70
YEARS

100
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	13.0	49.4	53.6	55.7	56.4	56.7	57.1	57.1	57.1	57.3	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	13.5	52.8	57.2	59.4	60.1	60.3	60.7	60.9	60.9	61.0	61.2	61.2	61.3	61.3	61.3	61.6
≥ 18000	13.7	52.8	57.2	59.4	60.1	60.3	60.7	60.9	60.9	61.0	61.2	61.2	61.3	61.3	61.3	61.6
≥ 16000	13.6	52.9	57.3	59.4	60.2	60.4	60.8	61.0	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.7
≥ 14000	13.8	53.3	57.7	59.8	60.6	60.8	61.2	61.3	61.3	61.5	61.7	61.7	61.7	61.7	61.8	62.1
≥ 12000	13.4	53.5	58.1	62.5	63.2	63.4	63.8	64.0	64.0	64.1	64.3	64.3	64.3	64.4	64.4	64.7
≥ 10000	14.6	58.0	62.9	65.3	66.0	66.3	66.7	66.8	66.8	67.0	67.1	67.1	67.2	67.2	67.3	67.5
≥ 9000	14.8	58.7	63.7	66.0	66.7	67.0	67.4	67.5	67.5	67.7	67.9	67.9	68.0	68.0	68.1	68.3
≥ 8000	14.9	58.0	67.4	70.2	70.9	71.1	71.5	71.7	71.7	71.8	72.1	72.1	72.1	72.1	72.2	72.5
≥ 7000	15.0	63.9	69.3	72.1	72.9	73.3	73.7	73.7	73.9	74.0	74.3	74.3	74.3	74.4	74.4	74.7
≥ 6000	15.2	65.9	71.5	74.3	75.1	75.6	76.0	76.1	76.2	76.3	76.6	76.6	76.6	76.7	76.7	77.0
≥ 5000	15.5	69.0	74.8	77.6	78.4	78.9	79.3	79.4	79.5	79.7	79.9	79.9	80.0	80.0	80.1	80.3
≥ 4500	15.6	69.7	75.6	78.4	79.2	79.7	80.1	80.2	80.3	80.5	80.7	80.7	80.8	80.8	80.9	81.1
≥ 4000	15.7	71.0	77.1	79.9	80.7	81.2	81.6	82.3	82.1	82.2	82.5	82.5	82.5	82.5	82.6	82.9
≥ 3500	15.8	72.2	78.3	81.1	81.9	82.4	83.1	83.3	83.3	83.6	83.8	83.8	83.9	83.9	84.0	84.2
≥ 3000	15.8	73.4	79.7	82.5	83.6	84.0	84.8	85.0	85.1	85.3	85.7	85.7	85.8	85.8	85.9	86.1
≥ 2500	15.8	74.6	81.0	84.0	84.9	85.4	86.1	86.3	86.4	86.7	87.1	87.1	87.1	87.1	87.2	87.5
≥ 2000	15.8	76.1	82.6	85.9	86.9	87.4	88.1	88.3	88.4	88.7	89.0	89.1	89.1	89.1	89.2	89.4
≥ 1800	15.8	76.2	82.8	86.0	87.1	87.6	88.3	88.6	88.7	88.9	89.3	89.3	89.4	89.4	89.4	89.7
≥ 1500	15.8	76.6	83.7	87.1	88.1	88.7	89.4	89.6	89.7	89.9	90.3	90.3	90.4	90.4	90.5	90.7
≥ 1200	15.8	77.4	84.4	87.8	88.9	89.6	90.3	90.6	90.6	90.9	91.3	91.3	91.3	91.3	91.4	91.7
≥ 1000	15.8	77.7	84.8	88.2	89.4	90.2	91.0	91.3	91.3	91.6	92.0	92.0	92.1	92.1	92.1	92.4
≥ 900	15.8	77.9	85.0	88.6	89.9	90.7	91.7	92.0	92.1	92.3	92.7	92.7	92.8	92.8	92.9	93.1
≥ 800	15.8	77.9	85.1	88.7	90.2	91.0	92.1	92.3	92.4	92.6	93.0	93.0	93.1	93.1	93.2	93.4
≥ 700	15.8	78.3	85.6	89.2	90.7	91.7	92.8	93.0	93.1	93.3	93.7	93.7	93.8	93.8	93.9	94.1
≥ 600	15.8	78.4	85.6	89.3	91.0	92.4	93.5	93.7	93.8	94.2	94.4	94.4	94.5	94.5	94.6	94.7
≥ 500	15.8	78.7	85.9	90.0	92.1	93.6	94.7	95.0	95.2	95.6	96.0	96.0	96.1	96.1	96.2	96.4
≥ 400	15.8	78.8	86.1	90.3	92.8	94.2	95.5	95.8	96.0	96.7	97.1	97.1	97.4	97.5	97.5	97.8
≥ 300	15.8	78.9	86.3	90.5	92.9	94.4	95.6	96.0	96.1	96.8	97.5	97.5	97.8	97.9	97.9	98.2
≥ 200	15.8	78.9	86.3	90.5	92.9	94.4	95.6	96.2	96.3	97.1	97.8	97.8	98.0	98.1	98.2	98.7
≥ 100	15.8	78.9	86.3	90.5	92.9	94.4	95.6	96.2	96.3	97.2	97.9	97.9	98.3	98.3	98.6	99.1
≥ 0	15.8	78.9	86.3	90.5	92.9	94.4	95.6	96.2	96.3	97.2	97.9	97.9	98.3	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/MAC

CEILING VERSUS VISIBILITY

037.0
STATION

FIRST RECEIVED VISIBILITY

57-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01.00-08.00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	11.6	41.7	45.4	44.3	49.0	50.2	50.6	51.2	51.2	51.4	51.6	51.6	51.8	51.8	51.8	52.1
≥ 18000	12.0	45.4	49.2	52.5	54.3	55.0	55.4	56.1	56.0	56.1	56.5	56.3	56.7	56.8	56.8	57.2
≥ 16000	12.0	45.4	49.2	52.5	54.3	55.0	55.4	56.0	56.0	56.3	56.5	56.5	56.7	56.8	56.8	57.2
≥ 14000	12.1	46.0	49.8	53.1	54.9	55.6	56.0	56.7	56.7	57.0	57.1	57.1	57.4	57.5	57.5	57.9
≥ 12000	12.6	47.9	52.0	55.3	57.2	58.0	58.4	59.0	59.0	59.4	59.5	59.5	59.8	59.8	59.8	60.2
≥ 10000	13.0	51.0	55.3	59.0	61.0	61.7	62.1	62.8	62.8	63.1	63.3	63.3	63.5	63.6	63.6	64.0
≥ 9000	13.4	52.5	57.1	60.6	62.5	63.3	63.7	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	65.0
≥ 8000	14.0	55.8	60.7	64.4	66.7	67.6	68.0	68.7	68.7	69.0	69.1	69.1	69.4	69.4	69.4	69.9
≥ 7000	14.0	58.3	63.5	67.3	69.5	70.6	71.0	71.6	71.6	71.9	72.1	72.1	72.3	72.4	72.4	72.9
≥ 6000	14.3	59.8	65.2	69.2	71.7	72.7	73.3	73.9	73.9	74.2	74.4	74.4	74.6	74.7	74.7	75.2
≥ 5000	14.6	62.5	68.0	72.1	74.9	76.0	76.5	77.2	77.2	77.5	77.7	77.7	77.9	78.0	78.0	78.5
≥ 4500	14.6	63.3	68.8	72.9	75.7	76.7	77.3	78.0	78.0	78.4	78.6	78.6	78.8	78.9	78.9	79.4
≥ 4000	15.1	65.2	70.9	75.2	77.9	79.0	79.8	80.5	80.5	81.0	81.1	81.1	81.5	81.6	81.6	82.1
≥ 3500	15.2	66.0	71.8	76.2	79.1	80.2	81.2	81.9	81.9	82.4	82.5	82.5	82.9	83.0	83.0	83.5
≥ 3000	15.2	67.1	73.2	77.7	80.7	81.8	82.8	83.6	83.6	84.0	84.2	84.2	84.6	84.7	84.7	85.2
≥ 2500	15.2	68.3	74.4	79.0	82.1	83.2	84.1	85.1	85.1	85.7	85.9	85.9	86.3	86.3	86.3	86.8
≥ 2000	15.2	68.7	75.0	79.6	82.9	84.0	85.0	86.0	86.0	86.6	86.7	86.7	87.1	87.2	87.2	87.7
≥ 1800	15.2	68.8	75.2	79.8	83.2	84.4	85.5	86.4	86.4	87.1	87.2	87.2	87.6	87.7	87.7	88.2
≥ 1500	15.2	69.2	75.6	80.3	83.7	85.0	86.2	87.1	87.1	87.8	87.9	87.9	88.3	88.4	88.4	88.9
≥ 1200	15.2	70.1	76.6	81.4	85.0	86.3	87.6	88.6	88.6	89.2	89.4	89.4	89.8	89.8	89.8	90.3
≥ 1000	15.2	70.3	77.1	82.1	85.7	87.1	88.6	89.6	89.7	90.3	90.5	90.5	90.9	91.0	91.0	91.4
≥ 900	15.2	70.5	77.3	82.4	86.2	87.7	89.3	90.3	90.6	91.2	91.3	91.3	91.7	91.8	91.8	92.3
≥ 800	15.2	70.6	77.5	82.5	86.5	88.0	89.7	91.0	91.0	91.7	91.9	91.9	92.4	92.5	92.5	93.0
≥ 700	15.2	70.9	77.9	82.9	86.9	88.4	90.2	91.5	91.6	92.3	92.5	92.5	93.0	93.1	93.1	93.7
≥ 600	15.2	70.9	77.9	82.9	87.2	88.9	91.0	92.6	92.8	93.6	93.7	93.7	94.3	94.4	94.4	95.0
≥ 500	15.2	71.0	77.9	83.1	87.6	89.5	91.8	93.5	93.7	94.5	94.7	94.7	95.3	95.4	95.5	96.0
≥ 400	15.2	71.0	77.9	83.1	87.6	89.6	92.2	94.2	94.4	95.6	95.8	95.5	96.5	96.6	96.7	97.2
≥ 300	15.2	71.0	78.0	83.2	87.7	89.7	92.5	94.8	94.8	96.0	96.5	96.5	97.4	97.5	97.6	98.2
≥ 200	15.2	71.0	78.0	83.2	87.7	89.7	92.5	94.7	94.9	96.1	96.7	96.7	97.5	97.7	97.8	98.3
≥ 100	15.2	71.0	78.0	83.2	87.7	89.7	92.5	94.7	94.9	96.1	96.7	96.8	97.7	97.9	98.2	98.9
≥ 0	15.2	71.0	78.0	83.2	87.7	89.7	92.5	94.7	94.9	96.1	96.8	96.9	97.8	98.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1260

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

93725
STATION

FLYING FIELD VA/DAVISON AAF
STATION NAME

57-70
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY - STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/32	≥ 1/64	≥ 0
NO CEILING	16.8	45.7	48.2	51.2	52.3	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	16.8	50.4	53.5	57.0	58.5	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000	16.8	50.7	53.8	57.3	58.7	59.0	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.4
≥ 16000	16.8	50.8	53.9	57.3	58.8	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.5	59.5
≥ 14000	16.8	51.4	54.3	58.0	59.4	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.1
≥ 12000	17.2	54.2	57.5	61.3	62.6	63.1	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.5	63.5	63.5
≥ 10000	17.7	58.1	61.6	65.5	67.0	67.4	67.4	67.4	67.5	67.6	67.6	67.6	67.7	67.8	67.8	67.8
≥ 9000	18.3	59.9	63.4	67.3	68.8	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.5	69.5	69.5
≥ 8000	18.7	63.1	66.6	70.7	72.2	72.5	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9
≥ 7000	18.7	65.1	68.6	72.9	74.4	74.7	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.2
≥ 6000	19.1	66.2	69.7	74.1	75.7	76.2	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7
≥ 5000	19.3	68.1	71.8	76.3	78.1	78.4	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1
≥ 4500	19.6	68.9	72.5	77.1	78.9	79.3	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.9	79.9	79.9
≥ 4000	19.9	70.4	74.1	78.7	80.5	80.9	81.2	81.3	81.3	81.4	81.4	81.4	81.5	81.6	81.6	81.6
≥ 3500	20.0	71.0	74.3	79.5	81.4	82.0	82.2	82.4	82.4	82.5	82.5	82.5	82.6	82.7	82.7	82.7
≥ 3000	20.0	72.0	75.2	81.2	83.2	83.7	84.0	84.3	84.4	84.4	84.4	84.4	84.5	84.6	84.6	84.6
≥ 2500	20.1	73.5	77.6	82.4	84.7	85.4	85.7	85.9	86.0	86.1	86.1	86.1	86.2	86.3	86.3	86.3
≥ 2000	20.2	74.2	78.5	83.6	85.9	86.6	86.9	87.1	87.2	87.3	87.3	87.3	87.5	87.6	87.6	87.6
≥ 1800	20.2	74.3	78.6	83.8	86.0	86.7	87.1	87.3	87.4	87.6	87.6	87.6	87.7	87.8	87.8	87.8
≥ 1500	20.2	75.0	79.5	84.7	87.0	87.8	88.2	88.6	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 1200	20.2	75.8	80.5	86.2	88.8	89.8	90.3	90.7	90.9	91.1	91.1	91.1	91.2	91.3	91.3	91.3
≥ 1000	20.2	75.9	80.6	86.6	89.4	90.5	91.0	91.4	91.7	92.0	92.0	92.0	92.1	92.1	92.1	92.1
≥ 900	20.2	76.2	80.8	87.1	89.9	91.1	91.7	92.4	92.5	92.7	92.7	92.7	92.8	92.9	92.9	92.9
≥ 800	20.2	76.3	81.0	87.2	90.4	91.6	92.5	93.2	93.3	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 700	20.2	76.3	81.2	87.5	90.9	92.3	93.5	94.4	94.5	94.8	94.8	94.8	94.9	95.0	95.0	95.0
≥ 600	20.2	76.4	81.3	87.8	91.5	93.1	94.8	95.9	95.9	96.3	96.5	96.5	96.7	96.7	96.7	96.7
≥ 500	20.2	76.4	81.3	87.8	91.9	93.6	95.5	96.7	96.7	97.1	97.3	97.3	97.7	97.7	97.7	97.7
≥ 400	20.2	76.4	81.3	87.8	92.0	93.8	95.8	97.2	97.6	98.2	98.5	98.5	98.8	98.9	98.9	98.9
≥ 300	20.2	76.4	81.3	87.8	92.0	93.8	95.9	97.3	97.8	98.5	98.9	98.9	99.0	99.1	99.1	99.1
≥ 200	20.2	76.4	81.3	87.8	92.0	93.8	95.9	97.3	97.8	98.5	98.9	98.9	99.0	99.1	99.1	99.1
≥ 100	20.2	76.4	81.3	87.8	92.0	93.8	95.9	97.4	97.9	98.6	99.0	99.0	99.1	99.2	99.2	99.2
≥ 0	20.2	76.4	81.3	87.8	92.0	93.8	95.9	97.4	97.9	98.6	99.0	99.0	99.1	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1259

DATA PROCESSING DIVISION
USAF ETAC
AIR MATER SERVICE/AC

CEILING VERSUS VISIBILITY

01775
STATION

POINT FLYING VZ/DRVIS/00 AAF
STATION NAME

27-70
YEARS

12
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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.2	48.0	49.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	41.2	48.0	49.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
18000	43.4	56.7	58.5	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
16000	43.4	56.9	58.7	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
14000	44.0	58.2	60.0	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
12000	44.5	61.1	63.2	63.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
10000	45.0	64.7	66.9	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
9000	45.2	65.4	67.7	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
8000	45.6	69.3	71.7	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
7000	45.6	70.6	73.2	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
6000	46.0	71.5	74.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
5000	46.7	72.2	76.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
4500	46.8	74.1	77.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
4000	47.1	77.1	80.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
3500	47.5	79.0	82.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
3000	47.5	81.2	84.5	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
2500	47.5	82.5	86.0	87.2	87.8	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
2000	47.5	83.8	87.2	88.3	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1800	47.5	83.9	87.4	88.7	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
1500	47.5	84.6	88.4	89.9	90.7	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1200	47.5	85.3	89.0	90.9	92.1	92.3	92.5	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1000	47.5	85.6	89.5	91.7	93.7	94.0	94.1	94.4	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8
900	47.6	85.7	89.6	92.1	94.1	94.4	94.6	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2
800	47.6	85.7	89.6	92.1	94.3	94.8	95.2	95.5	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0
700	47.6	85.7	89.6	92.1	94.4	94.9	95.5	96.3	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5
600	47.6	85.7	89.6	92.1	94.6	95.2	95.9	96.4	96.7	97.1	97.2	97.2	97.3	97.3	97.3	97.3
500	47.6	85.9	89.8	92.5	95.1	95.6	95.6	97.2	97.5	98.0	98.3	98.3	98.4	98.4	98.4	98.4
400	47.6	85.9	89.8	92.5	95.1	95.8	96.0	97.9	98.2	98.7	99.2	99.2	99.4	99.4	99.4	99.4
300	47.6	85.9	89.8	92.5	95.1	95.8	97.0	98.1	98.3	99.0	99.5	99.5	99.8	99.8	99.8	99.8
200	47.6	85.9	89.8	92.5	95.1	95.8	97.0	98.1	98.3	99.0	99.5	99.5	99.8	99.8	99.8	99.8
100	47.6	85.9	89.8	92.5	95.1	95.8	97.0	98.1	98.3	99.0	99.5	99.5	99.8	99.8	99.8	99.8
0	47.6	85.9	89.8	92.5	95.1	95.8	97.0	98.1	98.3	99.0	99.5	99.5	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93722 FLGT CEILING VA/DAVISON AAF

57-70

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-000-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.8	49.4	49.4	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
≥ 20000	48.8	49.4	49.4	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
≥ 18000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 16000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 14000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 12000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 10000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 9000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 8000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 7000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 6000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 5000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 4500	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 4000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 3500	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 3000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 2500	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 2000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 1800	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 1500	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 1200	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 1000	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 900	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 800	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 700	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 600	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 500	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 400	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 300	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 200	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 100	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 0	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9

TOTAL NUMBER OF OBSERVATIONS 1250

USA: ITA

AIR LAT & PAVIC/PAO

9371
STATION

STATION NAME STATION NO. DATE

27-718

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1:51:00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	19.4 20.5	53.2 60.3	54.3 61.6	54.4 62.2	54.6 62.4	54.9 62.5	54.9 62.7	55.0 62.8	55.0 62.8	55.1 62.9	55.1 62.9	55.1 62.9	55.1 62.9	55.2 62.9	55.2 62.9	55.2 63.0
18000 16000	20.4 20.5	60.6 60.6	62.1 62.1	62.5 62.3	62.6 62.6	62.8 62.8	62.9 62.9	63.0 63.0	63.1 63.1	63.1 63.1	63.1 63.1	63.1 63.1	63.1 63.1	63.2 63.2	63.3 63.3	63.3 63.3
14000 12000	20.9 21.3	61.4 62.9	63.0 63.8	63.4 66.3	63.6 66.4	63.7 66.7	63.7 66.7	64.0 66.8	64.0 66.8	64.0 66.9	64.0 66.9	64.0 66.9	64.0 66.9	64.1 67.0	64.2 67.1	64.2 67.1
10000 9000	21.3 21.9	63.3 68.7	70.5 70.8	71.0 71.3	71.1 71.5	71.3 71.7	71.4 71.8	71.5 71.9	71.5 71.9	71.6 72.1	71.6 72.0	71.6 72.0	71.6 72.0	71.7 72.1	71.7 72.1	71.7 72.1
8000 7000	21.9 22.1	71.6 74.0	73.9 76.3	74.5 77.1	74.7 77.3	74.8 77.5	75.0 77.6	75.1 77.7	75.1 77.7	75.2 77.8	75.2 77.8	75.2 77.8	75.2 77.8	75.2 77.9	75.3 77.9	75.3 77.9
6000 5000	22.1 22.7	74.4 78.4	76.8 81.3	79.6 82.1	79.8 82.5	80.0 82.9	80.2 83.2	80.2 83.3	80.2 83.3	80.3 83.3	80.3 83.3	80.3 83.3	80.3 83.3	80.4 83.4	80.5 83.5	80.5 83.5
4500 4000	22.7 23.0	79.4 82.0	82.6 85.6	83.4 86.5	83.8 86.9	84.1 87.3	84.4 87.7	84.5 87.8	84.5 87.9	84.6 87.9	84.6 87.9	84.6 87.9	84.6 87.9	84.7 88.0	84.8 88.0	84.8 88.0
3500 3000	23.1 23.1	83.3 84.0	86.8 87.6	87.8 88.3	88.3 89.4	88.7 89.8	89.1 90.2	89.2 90.3	89.2 90.3	89.3 90.4	89.3 90.4	89.3 90.4	89.3 90.4	89.3 90.5	89.4 90.6	89.4 90.6
2500 2000	23.1 23.1	84.5 85.6	88.1 89.4	89.3 91.0	89.9 91.6	90.3 92.1	90.7 92.5	90.8 92.6	90.8 92.7	90.9 92.7	90.9 92.7	90.9 92.7	90.9 92.7	91.0 92.8	91.0 92.9	91.0 92.9
1800 1500	23.1 23.1	85.7 86.2	89.6 90.2	91.1 91.9	91.7 92.4	92.4 93.4	92.9 93.9	92.9 94.0	92.9 94.0	93.0 94.0	93.0 94.0	93.0 94.0	93.0 94.0	93.1 94.1	93.2 94.2	93.2 94.2
1200 1000	23.1 23.1	86.6 86.7	90.5 90.7	92.5 92.7	92.5 94.1	94.4 94.8	94.9 95.5	95.0 95.6	95.0 95.6	95.1 95.6	95.1 95.6	95.1 95.6	95.1 95.6	95.2 95.7	95.3 95.8	95.3 95.9
900 800	23.1 23.1	86.8 86.9	91.0 91.0	93.0 93.1	94.6 95.0	95.4 95.8	96.1 96.5	96.2 96.7	96.2 96.7	96.3 96.8	96.3 96.8	96.3 96.8	96.3 96.8	96.4 97.0	96.5 97.1	96.5 97.1
700 600	23.1 23.1	86.9 87.0	91.0 91.1	93.3 93.4	95.4 95.5	96.2 96.3	97.0 97.1	97.1 97.2	97.1 97.3	97.3 97.5	97.4 97.5	97.4 97.5	97.4 97.5	97.5 97.7	97.6 97.8	97.6 97.9
500 400	23.1 23.1	87.0 87.0	91.1 91.1	93.4 93.5	95.5 95.6	96.3 96.5	97.1 97.4	97.2 97.7	97.3 97.8	97.5 98.3	97.5 98.4	97.5 98.4	97.5 98.4	97.7 98.6	97.8 98.7	97.8 98.7
300 200	24.1 23.1	87.0 87.0	91.1 91.1	93.5 93.5	95.6 95.6	96.5 96.5	97.4 97.7	97.7 98.1	97.7 98.1	98.0 98.6	98.0 98.6	98.0 98.6	98.0 98.6	98.1 99.0	98.2 99.2	98

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
USAF ETAC
AIR BEAT 15 1-1 VICK/MAC

CEILING VERSUS VISIBILITY

STATION 737.7 F107 F107R V4/CAVISU AAF

7-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	10.5	54.9	57.4	25.7	52.4	52.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	16.9	59.5	62.4	63.0	63.3	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	10.9	59.8	62.6	63.3	63.7	63.7	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	10.9	59.8	62.7	63.3	63.8	63.8	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	17.1	60.6	63.7	64.2	64.8	64.8	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	17.9	62.9	66.1	65.8	67.2	67.2	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 10000	13.7	66.3	69.7	70.5	71.0	71.0	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 9000	13.7	66.6	70.1	70.9	71.3	71.3	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 8000	18.7	69.5	73.4	74.2	74.7	74.7	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	13.9	71.3	75.3	76.2	76.7	76.7	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	19.0	73.7	77.9	78.9	79.4	79.4	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	19.0	75.8	80.2	81.3	81.7	81.7	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	19.0	76.8	81.2	82.7	82.7	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	19.4	78.7	83.1	84.2	84.8	84.8	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3500	19.4	79.8	84.6	85.5	86.7	86.7	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	19.4	80.4	85.5	87.2	88.3	88.3	88.7	89.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	19.4	81.3	86.5	88.4	89.4	89.5	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	19.4	82.8	88.1	90.2	91.2	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	19.4	83.0	88.3	90.4	91.4	91.5	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	19.4	83.1	88.7	90.9	91.8	91.9	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	19.4	83.4	89.4	92.0	93.2	93.3	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	19.4	83.7	89.8	92.4	93.6	93.7	94.4	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	19.4	83.7	89.8	92.5	93.7	93.8	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	19.4	83.8	89.9	92.7	93.9	94.0	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	19.4	84.0	90.5	93.3	94.7	94.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	19.4	84.1	90.6	93.4	94.8	94.9	96.0	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	19.4	84.1	90.8	93.7	95.2	95.3	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	19.4	84.1	90.8	93.8	95.4	95.6	97.0	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	19.4	84.1	90.8	93.8	95.4	95.6	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	19.4	84.1	90.8	93.8	95.4	95.6	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	19.4	84.1	90.8	93.8	95.4	95.6	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	19.4	84.1	90.8	93.8	95.4	95.6	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03755
STATION

617 RELVIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.4	50.1	52.7	53.4	53.9	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.5
≥ 20000	4.4	55.1	57.8	57.0	59.1	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	60.2
≥ 18000	14.4	55.1	57.8	59.0	59.1	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	60.2
≥ 16000	14.4	55.1	57.8	59.1	59.2	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.0	60.3
≥ 14000	14.5	58.2	58.9	60.1	60.3	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.4
≥ 12000	14.7	57.3	60.0	61.2	61.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.4
≥ 10000	15.4	61.1	63.6	65.1	65.2	65.6	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.5
≥ 9000	15.6	62.0	64.7	66.1	66.2	66.6	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.5
≥ 8000	16.1	64.7	67.4	69.0	69.3	69.7	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.7
≥ 7000	16.7	67.6	71.4	72.2	72.4	72.8	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.6	74.0
≥ 6000	16.7	69.3	72.1	74.0	74.2	74.6	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.8
≥ 5000	17.4	73.0	76.3	78.5	79.1	79.5	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.8
≥ 4500	17.7	73.6	77.0	79.4	80.0	80.4	80.9	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.6
≥ 4000	17.7	75.3	78.8	81.3	82.0	82.4	82.9	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.6	83.9
≥ 3500	17.7	75.7	79.1	81.6	82.3	82.7	83.2	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.7	84.2
≥ 3000	17.7	77.3	80.7	83.2	84.1	84.6	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.8	86.1
≥ 2500	17.7	77.6	81.0	83.6	84.5	85.1	85.7	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.4	86.7
≥ 2000	17.7	78.0	81.7	84.7	86.0	86.5	87.2	87.4	87.5	87.6	87.6	87.6	87.6	87.7	87.9	88.2
≥ 1800	17.7	78.2	81.9	84.9	86.3	86.7	87.4	87.6	87.7	87.8	87.8	87.8	87.9	87.9	88.1	88.4
≥ 1500	17.7	78.7	82.6	85.6	87.0	87.5	88.3	88.6	88.8	88.9	88.9	88.9	88.9	89.0	89.2	89.5
≥ 1200	17.7	78.9	82.7	85.9	87.3	87.8	88.8	89.1	89.4	89.5	89.5	89.5	89.5	89.6	89.8	90.1
≥ 1000	17.7	79.0	82.8	85.9	87.6	88.1	89.1	89.4	89.7	89.8	89.8	89.8	89.8	89.9	90.0	90.5
≥ 900	17.7	79.0	82.9	86.2	87.9	88.3	89.3	89.6	89.9	90.0	90.0	90.0	90.0	90.2	90.2	90.7
≥ 800	17.7	79.0	83.0	86.3	88.0	88.3	89.6	90.0	90.3	90.4	90.4	90.4	90.6	90.6	90.6	91.1
≥ 700	17.7	79.2	83.3	86.9	88.7	89.2	90.3	90.7	91.1	91.2	91.2	91.2	91.4	91.5	91.6	91.9
≥ 600	17.7	79.3	83.8	87.7	89.7	90.2	91.4	91.8	92.2	92.4	92.5	92.5	92.7	92.8	92.9	93.2
≥ 500	17.7	79.6	84.1	88.0	90.0	90.6	91.9	92.5	93.1	93.2	93.3	93.3	93.5	93.7	94.1	94.2
≥ 400	17.7	79.7	84.3	88.2	90.2	90.9	92.3	93.1	93.7	94.1	94.5	94.5	95.0	95.2	95.3	95.7
≥ 300	17.7	79.7	84.3	88.3	90.5	91.2	92.9	93.5	94.2	94.8	95.2	95.2	95.9	96.1	96.4	96.8
≥ 200	17.7	79.8	84.4	88.4	90.6	91.3	93.5	94.2	94.9	95.5	95.9	96.1	96.9	97.3	97.7	98.2
≥ 100	17.7	79.8	84.4	88.4	90.6	91.5	93.5	94.2	94.9	95.5	96.0	96.2	97.1	97.5	97.8	99.0
≥ 0	17.7	79.8	84.4	88.4	90.6	91.5	93.5	94.2	94.9	95.3	96.0	96.2	97.1	97.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1307

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
53728

STATION NAME
FORT BELLEVILLE VA/DAVIS DHE AAF

27-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ ¼	≥ ⅓	≥ ⅓	≥ 0
NO CEILING	13.1	50.3	52.6	53.2	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	3.6	44.5	47.2	48.8	49.4	49.5	49.5	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
18000	13.6	54.8	57.3	58.8	59.4	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
16000	13.6	54.8	57.3	58.8	59.4	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
14000	13.7	55.8	58.4	60.0	60.5	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
12000	14.1	57.5	60.3	61.8	62.4	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
10000	14.6	60.6	63.7	65.3	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
9000	14.6	60.6	63.7	65.3	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
8000	14.9	63.4	66.9	68.9	69.6	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
7000	15.2	65.6	69.2	71.2	71.9	72.1	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
6000	15.1	68.0	71.7	73.9	74.6	74.8	75.1	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
5000	16.2	71.4	75.3	77.4	78.1	78.3	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
4500	16.4	71.9	75.7	77.9	78.6	78.8	79.1	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
4000	16.6	73.7	77.7	79.9	80.6	80.8	81.2	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
3500	16.6	74.4	78.5	80.6	81.3	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
3000	16.7	75.3	79.6	82.0	82.9	83.2	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2500	16.7	76.0	80.4	82.8	83.8	84.0	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
2000	16.7	76.3	81.0	83.4	84.6	84.9	85.3	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
1800	16.7	76.4	81.1	83.5	84.8	85.0	85.3	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
1500	16.7	76.6	81.6	84.4	85.4	85.6	86.2	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
1200	16.7	77.0	81.8	84.6	85.6	85.9	86.6	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3
1000	16.7	77.2	82.1	84.9	85.9	86.3	87.2	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9
900	16.7	77.3	82.3	85.0	86.0	86.4	87.4	87.7	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2
800	16.7	77.6	82.9	85.7	86.7	87.2	88.7	89.2	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6
700	16.7	77.7	83.1	86.0	87.4	87.9	89.4	89.9	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.6
600	16.7	77.7	83.3	86.3	87.8	88.3	90.1	90.7	90.8	91.2	91.5	91.5	91.5	91.5	91.5	91.5
500	16.7	78.1	83.7	86.7	88.3	89.2	91.2	91.9	92.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7
400	16.7	78.1	83.7	86.8	88.5	89.4	92.0	92.9	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6
300	16.7	78.2	83.9	87.0	88.8	89.7	92.5	93.5	93.6	94.4	94.9	94.9	94.9	94.9	94.9	94.9
200	16.7	78.2	83.9	87.0	88.9	89.8	92.9	94.1	94.2	95.1	95.8	95.7	95.7	95.7	95.7	95.7
100	16.7	78.2	83.9	87.0	88.9	89.8	92.9	94.1	94.2	95.2	95.9	96.0	96.0	96.0	96.0	96.0
0	16.7	78.2	83.9	87.0	88.9	89.8	92.9	94.1	94.2	95.2	95.9	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
USAF ETAC
AIR EATING SERVICE/MAC

CEILING VERSUS VISIBILITY

93720
STATIONPLANT - FLYING VA/DAVISON AAF
STATION NAME57-70
YEARSCIC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)4400-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.7	43.6	40.5	40.7	49.3	49.6	49.3	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1
≥ 20000	13.9	48.8	51.8	54.5	55.0	56.1	56.3	56.5	56.6	56.6	56.7	56.7	56.8	56.8	56.8	56.8
IV 18000	13.9	48.9	52.0	54.8	55.8	56.1	56.5	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0
IV 16000	13.9	48.9	52.0	54.8	55.8	56.1	56.5	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0
IV 14000	14.0	49.6	52.7	55.5	56.5	56.8	57.1	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.7
IV 12000	14.3	51.3	54.4	57.4	58.4	58.6	59.1	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.7
IV 10000	14.5	54.9	58.5	61.9	62.9	63.4	63.7	64.1	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2
IV 9000	14.9	56.5	60.1	63.4	64.4	65.0	65.3	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.8
IV 8000	15.0	59.0	62.6	66.5	67.5	68.0	68.4	68.8	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.1
IV 7000	15.3	60.8	64.0	68.7	69.7	70.2	70.6	71.0	71.0	71.1	71.2	71.2	71.4	71.4	71.4	71.4
IV 6000	15.5	62.4	66.4	70.7	71.9	72.4	72.8	73.2	73.2	73.3	73.4	73.4	73.6	73.6	73.6	73.7
IV 5000	16.5	67.1	71.4	76.1	77.4	78.2	78.6	79.0	79.0	79.2	79.3	79.3	79.4	79.4	79.4	79.5
IV 4500	16.5	67.2	71.6	76.3	77.8	78.6	79.0	79.4	79.4	79.6	79.6	79.6	79.8	79.8	79.8	79.9
IV 4000	16.8	68.6	73.2	79.0	79.5	80.3	80.7	81.1	81.1	81.3	81.3	81.3	81.5	81.5	81.5	81.6
IV 3500	16.9	69.3	73.7	79.5	80.0	80.8	81.3	81.6	81.6	81.6	81.9	81.9	82.1	82.1	82.1	82.2
IV 3000	17.0	69.9	74.4	79.5	81.3	82.1	82.6	82.9	82.9	83.1	83.2	83.2	83.4	83.4	83.4	83.5
IV 2500	17.1	70.8	75.3	80.5	82.0	82.3	82.9	84.2	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.7
IV 2000	17.1	71.3	75.8	81.2	83.4	84.3	84.7	85.6	85.2	85.3	85.4	85.4	85.6	85.6	85.6	85.7
IV 1800	17.1	71.6	76.1	81.5	83.8	84.7	85.2	85.6	85.6	85.8	85.9	85.9	86.1	86.1	86.1	86.2
IV 1500	17.1	71.7	76.3	81.6	83.9	85.0	85.6	86.0	86.0	86.3	86.3	86.3	86.6	86.6	86.6	86.6
IV 1200	17.1	71.9	76.4	82.0	84.3	85.5	86.1	86.6	86.6	86.9	87.0	87.0	87.3	87.3	87.3	87.3
IV 1000	17.1	72.0	76.9	82.5	84.9	86.1	86.8	87.3	87.3	87.6	87.7	87.7	88.0	88.0	88.0	88.1
IV 900	17.1	72.0	77.0	82.6	85.1	86.3	87.0	87.6	87.6	87.8	87.9	87.9	88.2	88.2	88.2	88.3
IV 800	17.1	72.2	77.3	82.9	85.5	86.8	87.6	88.1	88.1	88.3	88.6	88.6	88.9	88.9	88.9	89.1
IV 700	17.1	72.6	77.4	83.5	86.2	87.6	88.6	89.2	89.2	89.4	89.7	89.7	90.1	90.2	90.2	90.2
IV 600	17.1	72.7	78.0	83.8	86.4	88.0	89.0	89.6	89.6	89.9	90.2	90.2	90.6	90.6	90.6	90.7
IV 500	17.1	72.8	78.2	84.3	87.3	89.1	90.3	90.9	90.9	91.2	91.6	91.6	92.0	92.1	92.1	92.2
IV 400	17.1	72.8	78.2	84.5	87.6	89.5	91.0	91.9	92.1	92.4	93.0	93.0	94.0	94.2	94.2	94.3
IV 300	17.1	72.8	78.3	84.6	87.8	89.7	91.6	92.5	92.6	93.2	93.9	93.9	95.1	95.2	95.3	95.4
IV 200	17.1	72.8	78.3	84.6	87.8	89.7	91.6	92.5	92.6	93.2	93.9	93.9	95.1	95.2	95.3	95.4
IV 100	17.1	72.8	78.3	84.6	87.8	89.7	91.6	92.5	92.6	93.2	93.9	93.9	95.1	95.2	95.3	95.4
IV 0	17.1	72.8	78.3	84.6	87.8	89.7	91.6	92.5	92.6	93.2	93.9	93.9	95.1	95.2	95.3	95.4

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR TEST & SERVICE/AC

CEILING VERSUS VISIBILITY

STATION: 0-14-5 (OL 1) STATION NAME: 7-70 YEARS: MONTH: 0-14-5-1100 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	14.0	41.4	44.1	45.4	45.9	46.2	46.5	46.8	46.9	46.9	46.7	46.7	46.7	46.7	46.7	46.7
≥ 18000	15.4	46.9	50.1	52.0	52.7	53.0	53.3	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	15.4	46.9	50.1	52.0	52.7	53.0	53.3	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 14000	15.7	46.2	51.4	53.1	54.0	54.3	54.7	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 12000	16.2	51.3	54.7	56.9	57.5	58.1	58.4	58.8	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	16.7	55.9	59.7	62.2	63.0	63.4	63.7	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	16.4	57.3	61.1	62.6	64.0	64.2	64.5	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 8000	17.1	60.0	64.1	66.7	68.0	68.3	68.9	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	17.3	61.6	66.1	68.7	70.8	71.4	71.7	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	17.9	62.9	67.5	71.9	72.5	73.2	73.5	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	18.4	65.7	70.6	74.1	75.7	76.5	76.9	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	18.4	65.2	71.2	74.6	76.5	77.2	77.6	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.4
≥ 4000	18.9	67.9	73.2	76.9	78.9	79.0	80.0	80.5	80.6	80.7	80.8	80.8	80.9	80.9	80.9	80.9
≥ 3500	18.9	68.3	73.5	77.2	79.2	79.9	80.3	80.9	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.2
≥ 3000	19.0	68.8	74.2	77.9	79.9	80.0	81.0	81.5	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	19.0	69.0	74.5	78.2	80.4	81.2	81.6	82.2	82.2	82.4	82.5	82.5	82.6	82.6	82.6	82.6
≥ 2000	19.1	69.6	75.1	79.2	81.5	82.2	82.6	83.2	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	19.1	69.6	75.2	79.6	81.8	82.6	82.9	83.6	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	19.1	69.9	75.7	80.3	82.8	83.6	84.0	84.6	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0
≥ 1200	19.1	70.1	75.9	80.6	83.0	83.9	84.5	85.1	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1000	19.1	70.2	76.0	80.8	83.7	84.7	85.5	86.2	86.3	86.6	86.7	86.7	87.1	87.2	87.2	87.3
≥ 900	19.1	70.2	76.0	80.9	83.9	85.1	85.8	86.5	86.6	87.0	87.2	87.2	87.7	87.9	87.9	87.9
≥ 800	19.1	70.4	76.3	81.3	84.4	85.5	86.5	87.4	87.5	88.0	88.3	88.3	88.8	89.2	89.2	89.2
≥ 700	19.1	70.5	76.6	81.6	84.6	85.9	86.9	87.9	88.2	88.7	89.2	89.2	89.6	90.0	90.0	90.1
≥ 600	19.1	70.6	76.7	81.8	85.1	86.4	87.8	88.9	89.3	90.0	90.5	90.5	91.0	91.4	91.4	91.5
≥ 500	19.1	70.9	77.1	82.2	85.9	87.3	88.9	90.4	90.8	91.6	92.3	92.3	93.0	93.5	93.5	93.5
≥ 400	19.1	71.0	77.2	82.4	86.2	87.8	89.6	91.2	91.9	93.5	94.5	94.5	95.4	95.9	95.9	96.0
≥ 300	19.1	71.0	77.2	82.6	86.5	88.4	90.3	92.2	93.0	95.2	96.4	96.5	97.7	98.7	98.7	99.9
≥ 200	19.1	71.0	77.2	82.6	86.5	88.4	90.3	92.2	93.0	95.2	96.4	96.5	97.7	98.7	98.7	99.9
≥ 100	19.1	71.0	77.2	82.6	86.5	88.4	90.3	92.2	93.0	95.2	96.4	96.5	97.7	98.7	98.7	99.9
≥ 0	19.1	71.0	77.2	82.6	86.5	88.4	90.3	92.2	93.0	95.2	96.4	96.5	97.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 1301

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADERSHIP VICE/PAC

CEILING VERSUS VISIBILITY

947
STATION

7 JUL 64
STATION NAME

47-71
YEARS

FC
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	≥ 5/8	≥ ½	≥ 3/16	≥ ¼
NO CEILING	17.5	45.3	48.4	40.7	40.7	40.7	40.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 20000	4.1	2.3	3.4	5.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
≥ 18000	19.1	37.2	33.5	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	19.2	32.7	33.4	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000	19.5	34.0	35.2	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000	19.7	33.0	34.2	62.0	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	19.7	32.4	33.6	64.6	63.3	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	19.7	33.8	35.1	56.4	66.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	19.9	36.4	33.1	70.8	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	19.5	38.1	39.8	72.2	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	21.6	39.5	71.5	73.0	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	21.7	71.8	73.9	74.4	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	21.9	71.9	74.2	76.7	77.2	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	22.5	74.7	77.1	79.5	80.1	80.5	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	22.7	75.5	77.9	80.4	81.1	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	22.1	74.8	79.2	81.8	82.5	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	22.9	77.4	79.8	82.9	83.2	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	22.9	77.9	81.4	83.5	84.4	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	22.9	77.9	80.4	83.5	84.7	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	22.9	78.3	80.9	84.3	85.7	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	22.9	78.6	81.3	84.8	86.0	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	22.9	78.6	81.4	85.1	87.1	87.8	88.3	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8
≥ 900	22.9	79.1	82.0	85.7	87.5	88.5	89.0	89.1	89.2	89.4	89.7	89.7	89.8	90.0	90.1
≥ 800	22.9	79.2	82.2	86.1	88.0	88.9	89.6	90.0	90.1	90.2	90.7	90.7	90.9	91.1	91.2
≥ 700	22.9	79.4	82.4	86.4	88.5	89.5	90.4	90.8	91.0	91.1	91.6	91.6	91.8	92.0	92.3
≥ 600	22.9	79.4	82.6	86.6	88.9	90.1	91.3	91.8	92.4	92.6	93.1	93.1	93.5	93.7	94.0
≥ 500	22.9	79.4	82.7	86.9	89.0	90.9	92.1	92.7	93.5	93.8	94.4	94.7	94.9	95.1	95.4
≥ 400	22.9	79.4	82.7	86.9	89.0	91.4	92.8	93.8	94.6	95.2	95.8	96.7	96.8	96.8	96.9
≥ 300	22.9	79.4	82.7	87.0	89.7	91.5	93.1	94.0	94.8	95.7	96.5	96.8	97.2	97.7	97.8
≥ 200	22.9	79.4	82.7	87.0	89.7	91.5	93.1	94.0	94.8	95.7	96.6	97.1	97.4	98.2	98.5
≥ 100	22.9	79.4	82.7	87.0	89.7	91.5	93.1	94.0	94.8	95.7	96.6	97.1	97.6	98.6	99.2
≥ 0	2.9	79.4	82.7	87.0	89.7	91.5	93.1	94.0	94.8	95.7	96.6	97.1	97.6	98.6	99.3

TOTAL NUMBER OF OBSERVATIONS 1295

DATA PREPARED BY DIVISION
USAF ETAC
AIR EAT 15 SERVICE/340

CEILING VERSUS VISIBILITY

STATION 947 STATION NAME 10101 VISIBILITY 10101 YEARS 1 MONTH 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10101
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	4.3	11.3	23.3	33.5	50.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
18000	1.8	5.6	17.0	27.2	57.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
16000	1.8	5.6	17.0	27.2	57.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
14000	2.1	6.6	18.2	28.3	58.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
12000	2.4	7.5	21.1	32.6	63.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
10000	3.1	8.4	22.6	36.1	68.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
9000	3.2	8.5	22.7	36.2	68.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
8000	3.8	9.1	23.6	37.1	69.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
7000	4.0	9.3	23.9	37.4	69.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
6000	4.0	9.3	23.9	37.4	69.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
5000	4.0	9.3	23.9	37.4	69.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
4500	4.3	9.5	24.2	37.7	69.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
4000	4.4	9.6	24.3	37.8	69.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
3500	4.5	9.7	24.4	37.9	69.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
3000	4.7	9.9	24.6	38.1	70.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
2500	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
2000	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
1800	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
1500	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
1200	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
1000	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
900	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
800	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
700	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
600	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
500	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
400	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
300	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
200	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
100	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
0	4.9	10.1	24.8	38.3	70.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3

TOTAL NUMBER OF OBSERVATIONS 1301

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 91736 ELEY FIELD V4/DIVISION AAF 7-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 JUL 2006
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.7	50.6	51.4	51.0	51.7	51.7	52.0	52.0	52.0	52.3	52.1	52.1	52.1	52.1	52.2	52.4
≥ 20000	14.1	55.1	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.1	57.1
≥ 18000	18.3	55.1	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.1	57.1
≥ 16000	16.3	55.1	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.1	57.1
≥ 14000	18.3	56.2	57.5	57.8	57.8	57.8	57.9	57.9	57.9	58.0	58.1	58.1	58.1	58.1	58.2	58.4
≥ 12000	9.7	59.8	61.2	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	62.1	62.2
≥ 10000	19.5	52.7	64.4	65.2	65.4	65.4	65.5	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.8	66.0
≥ 9000	19.7	54.1	65.8	66.6	66.8	66.8	66.9	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.2	67.4
≥ 8000	20.4	57.3	67.5	70.5	70.6	70.9	71.0	71.3	71.3	71.4	71.2	71.2	71.2	71.2	71.4	71.5
≥ 7000	20.6	58.5	71.0	72.1	72.5	72.7	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.3	73.4
≥ 6000	20.7	70.1	72.7	73.9	74.3	74.7	74.9	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.3	75.5
≥ 5000	21.0	74.5	76.1	77.3	77.7	78.3	78.6	78.7	78.9	79.0	79.0	79.0	79.0	79.2	79.3	79.5
≥ 4500	21.1	74.3	76.5	78.0	78.6	79.3	79.6	79.6	79.8	79.9	80.1	80.1	80.1	80.1	80.3	80.4
≥ 4000	21.2	76.5	79.6	81.0	81.6	82.3	82.7	82.9	83.0	83.1	83.3	83.3	83.3	83.3	83.5	83.6
≥ 3500	21.2	77.7	80.9	82.2	82.6	83.0	83.9	84.1	84.3	84.3	84.6	84.6	84.6	84.6	84.7	84.9
≥ 3000	21.3	78.4	81.7	83.3	83.8	84.7	85.1	85.3	85.5	85.6	85.9	85.9	85.9	85.9	86.1	86.3
≥ 2500	21.3	78.8	82.1	83.6	84.3	85.3	85.7	85.9	86.1	86.3	86.5	86.5	86.5	86.5	86.7	86.9
≥ 2000	21.3	79.5	82.8	84.4	85.4	86.3	86.8	87.1	87.3	87.6	87.6	87.6	87.6	87.6	87.9	88.1
≥ 1800	21.3	79.6	82.9	84.6	85.5	86.4	86.9	87.3	87.4	87.6	87.8	87.8	87.8	87.8	88.0	88.2
≥ 1500	21.3	80.0	83.3	84.9	86.2	87.1	87.6	88.1	88.2	88.4	88.7	88.7	88.7	88.7	88.9	89.1
≥ 1200	21.3	80.0	83.4	85.1	86.6	87.6	88.2	88.6	88.8	89.1	89.4	89.4	89.4	89.6	89.8	89.9
≥ 1000	21.3	80.1	83.6	85.3	86.9	87.9	88.7	89.3	89.5	89.7	90.2	90.2	90.2	90.4	90.6	90.8
≥ 900	21.3	80.3	83.7	85.4	87.2	88.2	89.0	89.6	89.8	90.2	90.6	90.6	90.6	90.6	90.9	91.1
≥ 800	21.3	80.3	83.8	85.5	87.3	88.4	89.6	90.6	90.7	91.2	91.6	91.6	91.6	91.7	91.9	92.1
≥ 700	21.3	80.3	83.9	85.7	87.9	89.2	90.5	91.6	91.8	92.4	92.9	92.9	92.9	93.0	93.2	93.4
≥ 600	21.3	80.3	83.9	85.8	88.0	89.3	90.9	92.6	92.2	92.6	93.2	93.2	93.2	93.2	93.4	93.6
≥ 500	21.3	80.3	83.9	85.9	88.3	90.0	91.7	93.3	93.5	94.2	94.7	94.7	94.9	95.1	95.3	95.5
≥ 400	21.3	80.3	83.9	85.9	88.5	90.3	92.3	93.9	94.2	95.0	95.9	95.9	96.0	96.2	96.3	96.6
≥ 300	21.3	80.4	84.0	85.9	88.6	90.6	92.6	94.3	94.8	95.7	96.7	96.7	96.9	97.2	97.3	97.8
≥ 200	21.3	80.4	84.0	85.9	88.6	90.6	92.6	94.3	94.8	95.7	96.7	96.7	96.9	97.2	97.3	97.8
≥ 100	21.3	80.4	84.0	85.9	88.6	90.6	92.6	94.3	94.8	95.7	96.7	96.7	96.9	97.2	97.3	97.8
≥ 0	21.3	80.4	84.0	85.9	88.6	90.6	92.6	94.3	94.8	95.7	96.7	96.7	96.9	97.2	97.3	97.8

TOTAL NUMBER OF OBSERVATIONS 1312

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE SERVICE/NAAC

CEILING VERSUS VISIBILITY

STATION 017 STATION NAME ST. LOUIS V. ADVIS. AAS

YEARS 7-70

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2170-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0
NO CEILING ≥ 20000	15.8	51.4	54.2	53.2	54.1	54.1	54.1	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.6
≥ 18000	17.5	54.7	56.6	57.3	57.7	57.7	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.2
≥ 16000	17.5	54.8	56.7	57.4	57.8	57.8	57.8	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.3
≥ 14000	17.5	55.5	57.5	58.1	58.5	58.5	58.6	58.6	58.6	58.7	58.8	58.8	58.8	58.8	58.8	59.1
≥ 12000	18.1	57.1	59.4	60.1	60.4	60.4	60.5	60.5	60.5	60.6	60.7	60.7	60.7	60.7	60.7	61.0
≥ 10000	19.0	61.1	63.5	64.5	65.5	65.5	65.6	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	66.1
≥ 9000	19.7	65.0	67.7	69.0	69.5	69.5	69.6	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	70.1
≥ 8000	19.7	65.7	68.6	71.1	71.7	71.7	72.0	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.5
≥ 7000	20.0	68.0	71.2	72.8	73.3	73.3	73.7	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	74.2
≥ 6000	20.7	71.7	75.3	77.3	78.1	78.1	78.5	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	79.0
≥ 5000	20.7	72.5	76.1	79.1	79.0	79.0	79.6	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	80.1
≥ 4500	21.7	74.6	78.5	80.8	81.8	82.3	82.3	82.3	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.9
≥ 4000	20.7	75.6	79.4	81.7	82.9	83.5	83.8	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.4
≥ 3500	20.7	76.5	80.7	82.9	84.7	84.9	85.1	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.7
≥ 3000	20.7	77.6	82.0	84.8	86.1	86.8	87.1	87.2	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.8
≥ 2500	20.7	78.0	82.3	85.2	86.5	87.2	87.5	87.6	87.6	87.7	87.9	87.9	87.9	87.9	87.9	88.2
≥ 2000	20.7	78.1	82.5	85.6	87.1	87.8	88.1	88.2	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.9
≥ 1800	20.7	78.3	82.8	86.3	88.1	88.9	89.2	89.5	89.6	89.8	89.9	89.9	89.9	89.9	89.9	90.2
≥ 1500	20.7	78.4	82.1	86.6	88.5	89.2	89.6	89.9	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.7
≥ 1200	20.7	78.7	83.4	87.1	89.0	90.0	90.6	90.8	90.9	91.3	91.5	91.5	91.6	91.6	91.6	91.9
≥ 1000	20.7	78.8	83.5	87.2	89.2	90.2	90.9	91.1	91.2	91.6	91.9	91.9	92.1	92.1	92.1	92.4
≥ 900	20.7	79.0	83.7	87.4	89.6	90.9	91.6	91.9	92.2	92.5	92.8	92.9	93.0	93.0	93.0	93.3
≥ 800	20.7	79.0	83.9	87.7	89.9	91.2	92.1	92.5	92.7	93.2	93.5	93.5	93.8	93.8	93.8	94.1
≥ 700	20.7	79.3	84.1	87.9	90.2	91.6	92.5	93.0	93.2	93.7	94.3	94.4	94.7	94.7	94.7	95.0
≥ 600	20.7	79.3	84.1	87.9	90.2	91.7	93.0	93.7	94.0	94.5	95.2	95.2	95.5	95.5	95.5	95.8
≥ 500	20.7	79.4	84.3	88.1	90.5	92.1	93.5	94.2	94.7	95.3	95.9	96.0	96.3	96.3	96.3	96.6
≥ 400	20.7	79.4	84.3	88.1	90.5	92.2	93.9	94.6	95.1	95.7	96.5	96.6	97.0	97.0	97.0	97.3
≥ 300	20.7	79.4	84.3	88.1	90.5	92.2	93.9	94.6	95.1	95.7	96.5	96.6	97.0	97.0	97.0	97.3
≥ 200	20.7	79.4	84.3	88.1	90.5	92.2	93.9	94.6	95.1	95.7	96.5	96.6	97.0	97.0	97.0	97.3
≥ 100	20.7	79.4	84.3	88.1	90.5	92.2	93.9	94.6	95.1	95.7	96.5	96.6	97.0	97.0	97.0	97.3
≥ 0	20.7	79.4	84.3	88.1	90.5	92.2	93.9	94.6	95.1	95.7	96.5	96.6	97.0	97.0	97.0	97.3

TOTAL NUMBER OF OBSERVATIONS

1302

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 amount in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

3
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SKY COVER

93720 FORT BELVOIR VA/DAVISON AAF

57-70

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	26.7	4.7	4.6	4.4	3.0	2.4	2.6	3.7	4.1	2.7	41.2	5.6	9665
FEB		22.3	4.6	4.3	4.0	3.4	2.3	2.5	4.0	4.8	3.0	45.0	6.1	9459
MAR		22.3	4.8	4.9	4.5	3.4	2.7	3.1	3.9	4.8	3.9	41.8	6.0	10406
APR		20.3	4.5	4.9	4.5	3.8	3.1	3.7	5.0	5.8	4.3	40.2	6.0	10072
MAY		18.3	5.4	5.8	5.2	4.8	3.6	3.3	5.4	6.7	4.1	37.6	5.9	10402
JUN		17.2	5.5	6.0	6.0	5.1	4.7	4.0	7.4	8.0	5.4	30.7	5.8	10073
JUL		15.2	5.2	5.7	6.2	5.9	3.9	4.2	7.9	9.0	5.6	31.4	6.0	10397
AUG		19.7	5.2	6.3	6.4	5.4	4.7	3.7	6.5	8.7	5.5	28.0	5.5	10393
SEP		27.2	6.1	5.9	5.6	4.4	3.6	3.4	5.3	6.4	4.1	28.1	5.0	10066
OCT		33.4	5.9	5.3	4.5	3.4	2.9	2.7	3.7	5.2	3.5	29.5	4.7	10403
NOV		25.0	5.0	5.1	4.8	3.5	2.8	3.2	4.6	5.4	4.5	36.0	5.6	10072
DEC		24.1	5.3	4.6	4.0	3.3	2.5	2.8	4.6	4.9	4.2	39.7	5.8	10402
TOTALS		22.6	5.2	5.3	5.0	4.1	3.3	3.3	5.2	6.2	4.2	35.8	5.7	121810

3
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

58-70
PERIOD

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	34.8	3.7	3.6	4.1	2.5	2.2	2.2	2.9	2.8	1.2	39.9	5.1	1209
	03-05	33.4	2.2	3.9	3.7	2.6	2.2	2.6	3.3	3.2	1.0	41.9	5.3	1208
	06-08	24.4	5.1	4.9	3.8	3.7	2.1	2.5	3.0	4.9	3.2	42.4	5.8	1208
	09-11	21.2	5.5	4.6	5.3	2.6	2.6	2.8	4.1	4.6	4.5	42.1	6.0	1208
	12-14	20.1	6.4	5.2	4.6	2.9	2.6	3.0	4.5	4.9	4.1	41.7	6.0	1208
	15-17	19.1	6.1	5.3	5.0	3.1	2.9	2.7	4.1	5.5	3.6	42.3	6.0	1207
	18-20	27.3	4.1	4.3	4.6	3.6	3.1	2.2	4.5	3.8	2.2	40.4	5.5	1209
	21-23	33.1	4.5	4.6	4.1	2.6	1.6	3.0	2.9	3.1	1.7	38.8	5.1	1208
TOTALS		26.7	4.7	4.6	4.4	3.0	2.4	2.6	3.7	4.1	2.7	41.2	5.6	9665

3
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SKY COVER

93728 FORT BELVOIR VA/DAVISON AAF

57-70

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	30.1	3.2	4.1	4.7	2.7	2.0	1.7	3.4	3.0	1.4	43.6	5.5	1180
	03-05	30.5	2.4	4.0	4.0	2.5	1.2	2.8	3.1	3.4	2.1	44.1	5.6	1182
	06-08	19.7	4.6	5.1	3.6	3.2	2.7	3.2	3.9	5.1	3.5	45.4	6.2	1184
	09-11	16.1	4.7	4.2	3.5	4.3	3.4	2.5	5.0	6.3	4.5	45.5	6.3	1183
	12-14	14.5	6.1	4.5	4.2	5.2	3.2	2.4	4.2	6.2	4.2	45.3	6.5	1179
	15-17	16.0	6.5	4.7	4.1	3.3	2.1	2.5	4.1	6.1	3.7	46.8	6.5	1181
	18-20	22.5	6.0	4.0	3.3	3.0	1.7	2.8	4.1	4.5	2.8	45.5	6.0	1185
	21-23	28.8	3.5	4.1	4.3	2.6	1.7	1.9	3.9	3.6	1.6	43.9	5.6	1185
TOTALS		22.3	4.6	4.3	4.0	3.4	2.3	2.5	4.0	4.8	3.0	45.0	6.1	9459

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAG/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93725	FORT BELVOIR VA/DAVISON AAF
STATIC 1	STATION NAME

57-70

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	31.8	5.5	4.8	4.0	2.6	1.6	2.1	3.0	4.2	1.8	38.5	5.2	1300
	03-05	33.8	3.2	3.2	4.1	2.9	1.8	2.3	2.5	3.2	2.1	40.8	5.3	1301
	06-08	18.2	6.9	4.9	4.7	2.2	3.1	2.8	4.8	5.5	5.8	41.0	6.1	1299
	09-11	14.9	5.6	4.1	4.2	4.2	3.4	3.8	4.6	5.5	3.2	44.5	6.5	1300
	12-14	13.0	4.2	5.0	4.8	4.8	4.2	3.0	4.6	5.8	5.8	44.8	6.7	1301
	15-17	14.1	4.8	5.2	4.3	3.8	3.1	4.1	5.6	5.7	5.5	43.9	6.6	1302
	18-20	21.0	4.6	6.1	5.0	4.0	2.6	3.7	3.9	5.0	3.4	40.8	5.9	1302
	21-23	31.2	3.6	5.5	4.7	2.8	1.8	2.6	2.5	3.5	1.9	39.8	5.2	1301
TOTALS		22.3	4.8	4.8	4.5	3.4	2.7	3.1	3.9	4.8	3.9	41.8	6.0	10406

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SKY COVER

57-70

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	31.0	4.4	5.8	4.5	2.9	2.0	3.3	3.2	3.4	1.9	37.6	5.1	1259
	03-05	27.9	4.5	4.0	4.9	3.3	2.3	2.9	4.8	4.3	3.3	37.6	5.4	1258
	06-08	17.5	5.6	4.3	3.3	2.6	2.9	3.5	5.9	6.0	5.2	43.3	6.4	1260
	09-11	15.0	4.6	4.9	4.9	4.0	4.3	2.8	4.3	7.1	5.2	42.9	6.5	1260
	12-14	11.9	3.9	4.4	4.7	4.1	4.0	4.8	6.2	8.2	6.2	41.7	6.7	1259
	15-17	14.1	3.2	4.1	4.1	4.8	3.2	4.4	7.2	7.0	6.8	41.2	6.6	1259
	18-20	17.0	5.2	6.6	4.8	4.1	3.7	3.9	4.9	6.8	3.7	39.3	6.1	1259
	21-23	28.3	4.5	5.2	4.5	4.5	2.5	3.7	3.7	3.3	1.9	37.8	5.3	1258
TOTALS		20.3	4.5	4.9	4.5	3.8	3.1	3.7	5.0	5.8	4.3	40.2	6.0	10072

USAFETAC

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SKY COVER

93728

STATION

FDRY BELVOIR VA/DAVISON AAF

STATION NAME

57-70

PERIOD

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	29.7	4.5	4.4	4.3	5.0	3.1	2.8	3.3	4.3	1.8	36.9	5.2	1301
	03-05	24.6	5.2	5.7	4.8	4.1	2.3	2.6	4.7	6.1	2.6	37.3	5.5	1300
	06-08	18.3	5.5	5.6	4.7	4.6	2.3	2.8	5.2	6.7	4.8	39.5	6.1	1301
	09-11	16.2	6.0	4.8	5.5	4.2	3.8	3.6	4.9	8.0	4.8	38.2	6.1	1300
	12-14	10.3	4.9	6.2	6.7	6.3	5.5	4.4	7.0	7.9	5.7	35.0	6.3	1299
	15-17	10.5	5.5	6.4	6.3	6.2	4.8	3.8	6.6	7.1	5.8	37.1	6.3	1302
	18-20	13.3	5.2	5.9	4.8	3.6	3.5	4.1	7.2	9.1	4.2	39.2	6.4	1300
	21-23	23.1	6.3	7.2	4.5	4.2	3.1	2.5	4.1	4.6	2.8	37.5	5.5	1299
TOTALS		18.3	5.4	5.8	5.2	4.8	3.6	3.3	5.4	6.7	4.1	37.6	5.9	10402

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3

3

JUN

MONTH

3

3

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93728

STATION

FORT BELVOIR VA/DAVISON AAF

STATION NAME

57-70

PERIOD

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	26.0	4.5	6.7	7.1	5.5	2.4	4.3	6.2	7.4	3.2	26.7	5.0	1298
	03-05	22.2	5.9	6.5	7.9	5.2	3.6	2.5	6.2	5.8	3.4	30.9	5.3	1299
	06-08	15.7	5.9	6.2	4.0	5.1	3.1	2.5	7.8	7.9	5.9	36.1	6.1	1299
	09-11	13.8	6.3	4.8	5.1	5.8	4.1	4.5	8.9	8.2	6.4	32.1	6.1	1300
	12-14	7.1	4.2	4.9	6.3	8.5	6.3	4.8	9.1	10.9	7.5	30.3	6.5	1299
	15-17	6.5	5.5	5.9	8.5	7.2	4.2	5.0	8.4	11.9	7.9	29.2	6.4	1299
	18-20	11.0	5.8	4.5	4.7	4.5	3.7	4.6	8.5	10.6	6.9	35.2	6.5	1301
	21-23	19.6	3.5	5.8	6.0	5.6	3.6	4.8	8.0	9.2	3.6	30.4	5.7	1302
TOTALS		15.2	5.2	5.7	6.2	5.9	3.9	4.2	7.9	9.0	5.6	31.4	6.0	10397

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
PERIOD

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	34.2	3.5	6.0	5.2	4.3	2.2	3.2	4.7	6.4	2.2	28.1	4.6	1298
	03-05	29.3	4.7	6.6	4.9	4.3	3.5	3.1	5.9	7.4	3.4	26.9	4.9	1300
	06-08	14.8	7.3	5.0	5.3	4.2	3.9	4.2	7.1	9.7	6.7	31.8	6.0	1301
	09-11	16.4	5.8	7.0	5.1	5.4	4.8	3.8	6.7	9.1	5.9	30.1	5.8	1301
	12-14	8.2	4.3	4.6	9.0	9.0	7.9	4.1	8.0	11.2	7.3	26.3	6.2	1299
	15-17	10.2	5.1	7.8	10.5	6.5	6.5	3.8	8.2	9.9	7.1	24.6	5.8	1299
	18-20	16.9	5.8	6.6	6.5	4.5	4.9	3.5	6.9	8.7	8.3	27.4	5.7	1298
	21-23	27.4	5.4	6.8	4.8	5.0	3.8	3.5	4.6	7.0	3.2	28.6	5.0	1297
TOTALS		19.7	5.2	6.3	6.4	5.4	4.7	3.7	6.5	8.7	5.5	28.0	5.5	10393

USAFETAC

FORM
JUL 64

0-9-5 (OI A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
PERIOD

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	40.9	4.5	5.3	4.9	3.2	2.6	2.8	4.1	2.9	2.1	26.9	4.1	1257
	03-05	40.2	3.7	4.2	4.8	3.3	2.4	2.8	3.6	4.4	2.1	28.5	4.3	1260
	06-08	23.1	7.2	5.2	5.4	4.1	3.1	3.2	5.6	6.8	5.0	31.4	5.4	1258
	09-11	23.4	6.3	5.8	5.6	4.5	2.7	3.4	5.6	9.0	4.4	29.4	5.3	1260
	12-14	14.4	6.4	7.2	6.2	7.2	5.2	4.0	6.4	7.8	6.1	29.1	5.7	1256
	15-17	15.6	8.2	7.4	6.5	4.6	4.7	4.9	6.4	7.5	6.5	27.7	5.5	1259
	18-20	23.0	7.9	6.0	4.9	4.2	4.1	3.6	5.5	8.2	4.1	27.6	5.1	1259
	21-23	36.2	4.8	6.6	6.2	4.1	4.0	2.7	5.3	4.7	2.2	23.9	4.2	1257
TOTALS		27.2	6.1	5.9	5.6	4.4	3.6	3.4	5.3	6.4	4.1	28.1	5.0	10066

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93728

FORT BELVOIR VA/DAVISON AAF

57-70

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	46.3	4.1	4.4	3.5	3.3	2.1	3.0	3.1	3.0	1.5	25.8	3.8	1302
	03-05	42.9	4.5	4.6	2.8	2.8	2.5	2.8	2.8	3.5	1.8	28.9	4.2	1302
	06-08	25.8	8.0	4.9	4.2	2.8	3.0	2.3	4.1	5.9	5.6	33.4	5.3	1297
	09-11	26.1	6.5	6.2	4.9	3.2	3.2	2.7	4.1	6.2	5.9	31.1	5.2	1300
	12-14	23.6	6.4	5.9	5.3	4.1	4.3	3.6	5.3	6.7	5.1	29.3	5.2	1302
	15-17	25.5	6.0	6.4	5.1	4.0	3.3	2.8	4.3	8.2	4.9	29.6	5.2	1299
	18-20	34.3	6.6	5.5	5.3	2.9	2.6	2.4	3.4	4.9	1.8	30.1	4.5	1299
	21-23	42.5	5.2	4.8	4.5	4.1	2.1	2.3	2.8	2.8	1.2	27.8	4.0	1302
TOTALS		33.4	5.4	5.3	4.5	3.4	2.9	2.7	3.7	5.2	3.5	29.5	4.7	10403

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

NOV

MONTHS

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	35.0	3.3	4.4	4.2	3.1	2.4	2.4	3.7	4.0	1.3	36.4	5.0	1260
	03-05	35.3	3.1	3.9	4.9	2.9	2.6	2.0	3.3	4.3	1.9	35.8	5.0	1259
	06-08	23.4	5.0	5.2	3.6	2.8	2.8	3.7	5.6	5.3	5.8	34.7	5.6	1258
	09-11	18.7	7.9	5.1	3.4	3.7	2.6	3.6	5.3	5.8	6.1	37.6	5.9	1259
	12-14	13.7	5.2	6.0	6.2	4.8	4.1	3.3	6.0	6.3	6.8	37.5	6.2	1258
	15-17	14.5	6.8	6.3	5.1	3.6	3.3	4.2	5.6	6.7	7.5	36.5	6.2	1259
	18-20	25.7	5.2	4.5	4.5	3.7	2.6	4.1	4.1	7.1	4.8	33.8	5.5	1259
	21-23	33.3	3.7	5.5	4.8	3.2	2.2	2.2	3.5	4.0	1.9	35.7	5.0	1260
TOTALS		25.0	5.0	5.1	4.8	3.5	2.8	3.2	4.6	5.4	4.5	36.0	5.6	10072

3
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
PERIOD

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	31.7	3.9	4.6	4.7	3.5	1.5	3.2	3.8	3.7	1.9	37.5	5.2	1295
	03-05	31.2	3.8	4.1	3.9	3.5	2.4	3.1	3.5	3.3	2.2	39.0	5.3	1302
	06-08	22.8	5.4	5.1	5.1	3.5	1.7	2.2	5.3	5.2	4.4	39.4	5.8	1301
	09-11	17.3	6.0	4.1	3.3	3.2	3.3	3.3	5.1	7.1	7.9	39.4	6.3	1301
	12-14	16.1	6.3	5.1	3.8	3.3	2.9	3.1	5.5	5.3	6.4	41.9	6.3	1299
	15-17	17.0	5.5	5.9	4.5	3.3	2.9	3.2	5.5	6.5	4.7	40.5	6.2	1300
	18-20	25.7	3.8	4.1	2.8	3.8	2.0	2.4	4.5	5.3	3.5	40.2	5.7	1302
	21-23	30.6	5.5	3.6	3.7	2.2	3.5	2.2	3.5	2.8	2.8	39.6	5.3	1302
TOTALS		24.1	5.3	4.6	4.0	3.3	2.5	2.8	4.6	4.9	4.2	39.7	5.8	10402

USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

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 presentation 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 deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
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 all 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 vertically. Also provided for each dry-bulb temperature interval 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 require two pages in some cases.

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

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations 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 tabulations 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 available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

93728
STATION

FORT BELVOIR VA/DAVISON AAF

57.70

YEARS

DAILY TEMPERATURES

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						.2	.7						.1
95				.5	.2	2.6	4.4	2.8	.2				.9
90				2.4	5.1	16.9	25.6	21.0	7.6	.7			6.7
85				6.9	16.9	43.6	61.5	34.1	30.0	2.5			18.2
80			1.6	15.8	30.3	66.7	86.2	81.8	49.0	9.4	.2		28.8
75			5.1	22.2	50.7	86.4	97.2	94.9	71.9	23.0	2.4		38.3
70	1.2	.8	10.6	26.3	72.3	95.0	99.8	99.5	84.0	43.3	8.1	.7	46.5
65	1.7	3.3	17.8	50.8	84.0	98.8	100.0	100.0	94.5	65.0	22.1	3.7	54.1
60	6.0	7.1	25.3	65.9	94.7	99.8			98.8	81.3	39.8	7.4	61.2
55	11.2	16.3	39.3	79.2	97.9	100.0			100.0	94.9	60.2	13.9	68.5
50	20.1	26.5	56.1	91.9	100.0					98.6	76.2	29.3	75.4
45	36.7	44.0	73.0	98.8						100.0	90.7	44.0	82.7
40	54.3	65.9	88.2	100.0							97.9	62.7	89.4
35	72.2	83.0	96.3								99.8	82.3	94.6
30	87.8	93.9	98.6								100.0	92.2	97.8
25	94.0	98.0	100.0									98.8	99.3
20	97.8	99.5										100.0	99.8
15	99.5	100.0											100.0
10	100.0												100.0
MEAN	41.1	43.9	52.0	65.5	74.6	82.5	85.7	84.6	78.7	67.9	56.8	43.8	64.8
S. D.	10.734	10.081	11.817	11.821	9.332	7.367	5.561	5.638	8.213	8.633	7.197	10.359	18.478
TOTAL OBS.	403	393	433	419	432	420	434	434	420	434	420	434	5076

57-70

DAILY TEMPERATURES

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM[illegible]

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DATA PROCESSING DIVISION
USAF ETAC

DAILY TEMPERATURES

AIR WEATHER SERVICE/MAC

93720 FORT BELVOIR VA/DAVISON AAF 57-70

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ANNUAL
85						1.2	.9	1.2					.3
80					.2	11.7	24.0	17.5	6.4				5.1
75				1.0	7.4	36.7	61.8	56.5	23.7	1.4			16.1
70				5.7	23.4	63.1	91.2	82.7	44.8	4.6	.5		26.7
65			.9	16.0	44.9	86.2	99.8	98.2	68.6	17.1	1.7		36.5
60			5.1	29.8	68.7	97.1	100.0	100.0	84.3	35.0	6.0	.9	44.4
55	1.0	1.5	11.3	43.7	85.2	99.5			97.4	57.6	18.1	2.1	52.0
50	3.5	5.3	18.7	65.4	96.5	100.0			99.5	79.7	34.8	5.8	59.7
45	9.2	12.5	37.0	82.6	99.5				100.0	94.2	56.4	16.6	67.9
40	20.3	29.3	59.6	96.9	100.0					99.1	77.9	28.6	76.3
35	41.9	51.7	84.5	99.5						100.0	94.0	30.7	85.6
30	62.6	73.5	93.8	100.0							99.0	72.8	92.1
25	79.4	87.6	97.0								100.0	87.3	96.1
20	89.1	94.9	99.5									96.3	98.4
15	94.5	99.5	100.0									99.8	99.5
10	98.8	100.0										100.0	99.9
5	99.8												100.0
0	100.0												100.0
MEAN	32.0	34.8	42.3	54.0	63.3	71.7	75.8	74.7	68.3	56.4	46.4	35.1	54.6
S D	9.691	8.711	9.075	9.310	7.779	6.408	4.489	5.031	7.581	7.940	8.249	9.058	17.431
TOTAL OBS	403	393	433	419	432	420	434	434	420	434	420	434	5076

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

EXTREME VALUES

AXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93728	FORT BELVOIR VA/DAVISON AAF
STATION	STATION NAME

57-70

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

USAF ETAC FORM 0-88.5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

937.2
STATION

FORT BELVOIR VA/DAVIS DR AME
STATION NAME

27-70

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/VAC

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

57-70

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

937.0	5017 BELVOIR VA/DAVISON AAF
STATION	STATION NAME

57-70

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-70

ALL
MONTH

PAGE 1

ALL

HOURS L. S. T.

[illegible]

3

93728	FORT BELVOIR VA/DAVISON AAF
STATION	STATION NAME

57-70

YEARS

ALL
MONTH

PAR- 2

ALL
HOURS (L. S. T.)

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/ AVISON AAF

58-70

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. Y.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
72/ 71				.0		.0	.0	.0										7	7					
70/ 69				.0		.0	.1	.0										9	9					
68/ 67			.0	.0		.0												6	6					
66/ 65			.0	.0	.0	.1												12	12	2				
64/ 63			.0	.0	.0	.0	.0											8	8	3				
62/ 61		.0	.0	.0	.1	.0	.0	.0	.0									23	23	7	6			
60/ 59		.0	.1	.2	.1	.1	.1	.1	.0									64	64	16	4			
58/ 57	.0	.1	.2	.2	.1	.1	.1	.0	.0									70	70	14	7			
56/ 55	.1	.2	.2	.0	.1	.1	.1	.0										79	79	41	16			
54/ 53	.0	.2	.1	.1	.1	.2	.1	.1	.0									87	87	66	24			
52/ 51		.3	.2	.1	.3	.2	.1	.1										104	104	59	35			
50/ 49	.0	.3	.3	.3	.3	.3	.2	.0										165	165	72	78			
48/ 47	.1	.5	.2	.4	.5	.5	.1											221	221	111	86			
46/ 45	.2	1.1	.5	.5	.6	.5	.1											334	334	152	92			
44/ 43	.4	1.2	.7	1.0	.9	.5	.0											451	451	279	146			
42/ 41	.7	.8	.8	1.1	.9	.3	.0											440	440	300	213			
40/ 39	.9	1.2	1.2	1.4	.9	.1												547	547	438	191			
38/ 37	.7	1.4	1.4	1.6	.7	.0												562	562	501	267			
36/ 35	.6	2.0	2.0	1.7	.6	.0												569	669	562	270			
34/ 33	.6	2.3	2.2	1.8	.5													726	736	732	312			
32/ 31	.5	2.7	2.0	2.3	.2													754	754	726	450			
30/ 29	.8	2.7	1.8	2.0	.1													711	711	804	538			
28/ 27	.7	2.2	2.6	1.2	.0													649	649	749	524			
26/ 25	.5	2.2	2.6	.5														565	565	730	553			
24/ 23	.3	2.1	2.0	.2														436	436	666	575			
22/ 21	.8	2.1	1.3	.2														408	408	639	559			
20/ 19	.4	2.1	1.0	.1														350	355	447	509			
18/ 17	.5	1.8	.9															289	292	361	530			
16/ 15	.4	1.4	.6															234	238	289	567			
14/ 13	.4	.9	.5															167	169	254	517			
12/ 11	.3	.9	.3															141	142	171	525			
10/ 9	.2	.8	.1															107	108	133	512			
8/ 7	.2	.6	.0															86	93	123	321			
6/ 5	.2	.2																40	43	74	255			
Element (X)	Σx ¹		Σx		X		X ₂		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 57 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

PSYCHROMETRIC SUMMARY

58-70

JAN
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

3

FER
MONTH

STATION

STATION NAME

YEARS

MONTH

ALL
HOURS (L. S. T.)

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (Q1 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

YEARS

57-70

FEB

MONTH

ALL

KOURS (L. S. T.)

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93726 FORT BELVOIR VA/DAVISON AAF

57-70

YEARS

11AR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																									
84/ 83												.0		.0											.0							4	4												
82/ 81												.0	.0		.0									.0	.0							8	8												
80/ 79									.0	.0		.0	.0		.0								.0	.0							20	20													
78/ 77									.0	.0		.0	.0		.1	.0							.0	.0							24	24													
76/ 75					.0			.0	.1	.1	.0	.0	.1		.0	.0							.0	.0							44	44													
74/ 73						.0		.1	.1	.1	.1	.1	.0		.0	.0																53	53												
72/ 71				.0		.1	.2	.1	.1	.1	.0	.1	.0		.1	.0															63	63													
70/ 69				.0	.1	.1	.1	.2	.2	.2	.1	.0																				90	90												
68/ 67			.0	.1	.2	.1	.1	.1	.2	.1	.0																					95	95	6											
66/ 65		.0	.0	.1	.1	.1	.2	.2	.3	.1	.0																					121	121	10											
64/ 63		.0	.1	.1	.1	.2	.1	.3	.1	.0	.0																					121	121	23	4										
62/ 61		.1	.1	.2	.2	.2	.2	.2	.2	.1																						158	158	72	11										
60/ 59	.0	.2	.2	.2	.3	.4	.3	.2	.2	.1																						210	210	121	38										
58/ 57	.0	.2	.3	.2	.2	.4	.4	.4	.1	.0																						247	247	121	40										
56/ 55		.3	.2	.2	.4	.5	.6	.4	.1	.0																						286	286	155	70										
54/ 53	.0	.2	.3	.4	.4	.6	.8	.3	.1																							329	329	194	117										
52/ 51	.1	.2	.2	.6	.6	.7	.7	.1																								338	338	219	118										
50/ 49	.2	.3	.5	.7	1.0	1.1	.6	.1																								453	453	249	121										
48/ 47	.1	.8	1.0	.8	1.2	.9	.5	.0																								556	556	319	148										
46/ 45	.3	1.7	.3	1.4	1.2	.9	.3																									686	686	489	187										
44/ 43	.4	1.3	1.3	1.4	1.2	1.0	.2																									713	713	626	289										
42/ 41	.7	2.0	1.4	1.4	1.6	.7																										799	799	781	411										
40/ 39	.7	2.0	1.7	1.6	1.3	.4																										811	811	906	487										
38/ 37	.7	2.4	1.5	1.4	1.2	.2																										771	771	912	517										
36/ 35	.6	2.2	1.6	1.6	.7	.0																										708	708	911	650										
34/ 33	1.1	2.4	1.5	1.3	.3																											696	696	957	709										
32/ 31	.4	1.9	1.2	1.4	.1																											525	525	768	727										
30/ 29	.2	1.7	1.2	1.0	.0																											423	423	698	647										
28/ 27	.1	1.4	1.0	.4	.0																											309	309	509	683										
26/ 25	.3	1.1	.9	.1																												252	252	466	637										
24/ 23	.2	.9	.4	.1																												170	170	327	626										
22/ 21	.1	.7	.4	.0																												122	122	201	598										
20/ 19	.1	.5	.4																													97	100	139	531										
18/ 17	.1	.1	.1																													28	28	100	454										
Element (X)	Σx^2					Σx					$\bar{x}$					σ_x					No. Obs.					Mean No. of Hours with Temperature																			
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																													
Wet Bulb																																													
Dew Point																																													

USAFETAC FORM 0-26-5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

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

PSYCHROMETRIC SUMMARY

YEARS

APR
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												.0	.0	.0				6	6											
92 / 91								.0		.0	.0	.1	.1	.0				19	19											
90 / 89								.0	.0	.0	.0	.0	.0		.0			20	20											
88 / 87									.0	.0	.0	.1	.0	.1	.0			30	30											
86 / 85							.0	.0	.1	.1	.1	.1	.2	.0				55	55											
84 / 83						.0	.0	.0	.1	.1	.2	.1	.1	.1	.0			81	81											
82 / 81				.0			.0	.1	.1	.2	.1	.1	.1	.1	.0			95	95											
80 / 79					.0	.1	.1	.1	.2	.2	.2	.1	.1	.0				120	120											
78 / 77			.0	.0	.0	.1	.1	.1	.2	.2	.2	.2	.1					113	113	3										
76 / 75				.0	.0	.1	.2	.2	.2	.1	.2	.1	.0					151	151	5										
74 / 73		.0	.0	.0	.1	.2	.2	.3	.2	.3	.2	.1	.0					161	161	11	4									
72 / 71		.0	.1	.1	.3	.3	.3	.3	.3	.3	.2	.0	.0					218	218	26	3									
70 / 69	.0	.0	.1	.3	.4	.2	.3	.3	.4	.3	.2	.0						251	251	43	15									
68 / 67		.1	.4	.5	.3	.4	.4	.4	.4	.2	.1	.0						330	330	93	18									
66 / 65	.0	.4	.5	.5	.4	.4	.3	.4	.5	.2	.1							391	391	138	34									
64 / 63	.1	.6	.6	.4	.6	.5	.4	.6	.5	.2	.0							463	463	317	91									
62 / 61	.1	.6	.5	.5	.5	.4	.5	.8	.5	.2								449	449	355	155									
60 / 59	.2	.9	.6	.5	.7	.8	.7	.6	.4	.1								556	556	444	244									
58 / 57	.2	1.2	.9	.5	.6	.7	.7	.6	.2	.0								570	570	440	323									
56 / 55	.2	1.0	.7	.6	.7	.9	.8	.6	.1									566	566	587	370									
54 / 53	.3	1.0	1.0	.7	.8	1.0	.9	.2	.0									604	604	524	332									
52 / 51	.3	1.3	1.3	.8	.8	1.0	.8	.2										649	649	566	401									
50 / 49	.3	1.2	1.0	1.1	1.1	1.0	.5	.1										642	642	708	416									
48 / 47	.4	1.6	1.1	.9	1.3	1.0	.2	.0										646	646	734	518									
46 / 45	.3	1.9	1.0	1.3	1.1	.7	.1											634	634	791	541									
44 / 43	.5	1.7	1.2	1.1	.6	.3												562	562	853	522									
42 / 41	.6	1.4	.9	.7	.7	.2	.0											451	451	797	601									
40 / 39	.6	1.1	.9	.7	.3	.0												365	365	790	590									
38 / 37	.1	1.0		.5	.5													218	218	543	618									
36 / 35	.2	1.0	.7	.3	.0													220	220	442	617									
34 / 33	.1	.9	.4	.1	.0													147	147	311	547									
32 / 31	.1	.8	.2	.1														122	122	231	550									
30 / 29	.1	.5	.2	.0														84	84	155	517									
Element (X)	Z _X ¹			Z _X			X̄			s _X			No. Obs.			Mean No. of Hours with Temperature														
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																														
Wet Bulb																														
Dew Point																														

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

ALL
HOURS (L. S. T.)

[illegible]

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

PSYCHROMETRIC SUMMARY

57-70

YEARS

44Y
MONTH

PAGE 1

ALL

HOURS (L S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
98/ 97														.0				3	3																			
96/ 95													.0					2	2																			
94/ 93											.0	.0	.0					9	9																			
92/ 91								.0	.0	.0	.0	.1	.1	.0				29	29																			
90/ 89							.0	.0	.0	.1	.3	.2	.0	.0	.0			72	72																			
88/ 87							.0	.2	.1	.2	.2	.1	.0	.0	.0			89	89																			
86/ 85				.0	.0	.0	.2	.3	.2	.2	.2	.1	.1	.0				142	142																			
84/ 83				.0	.1	.3	.3	.2	.3	.2	.1	.1	.1	.0				178	178																			
82/ 81			.0	.0	.2	.4	.3	.2	.3	.2	.2	.1	.1					203	203																			
80/ 79			.0	.2	.3	.5	.4	.3	.4	.2	.1	.0	.0					267	267																			
78/ 77		.0	.2	.2	.5	.4	.4	.4	.4	.2	.1	.1						315	315		4																	
76/ 75		.0	.4	.6	.5	.5	.6	.5	.3	.2	.0	.0						386	386	32																		
74/ 73	.0	.4	.7	.6	.9	.7	.5	.3	.1	.1								488	488	76	4																	
72/ 71	.3	.6	.7	.6	.8	.7	.6	.5	.3	.1	.0							554	554	182	26																	
70/ 69	.6	.9	.8	.8	.9	.7	.5	.5	.2	.1	.0							636	636	392	98																	
68/ 67	.2	1.2	1.2	.8	.9	.6	.6	.6	.3	.1	.0							673	673	531	290																	
66/ 65	.2	1.7	1.3	.7	.9	.6	.5	.6	.3	.1	.0							714	714	639	394																	
64/ 63	.3	1.9	1.2	1.1	.7	.5	.5	.5	.2	.1	.0							717	717	783	530																	
62/ 61	.2	2.1	1.1	1.2	.7	.6	.5	.4	.2	.0								740	740	885	581																	
60/ 59	.3	1.8	1.4	1.0	.8	.6	.5	.3	.0	.0								710	710	951	682																	
58/ 57	.3	2.0	1.5	1.0	.5	.6	.4	.2	.0									668	668	816	644																	
56/ 55	.3	1.8	1.2	.7	.5	.3	.2	.1										531	531	884	782																	
54/ 53	.3	2.1	.9	.5	.4	.3	.1	.0										477	477	828	776																	
52/ 51	.1	2.0	1.1	.5	.3	.3	.1											456	456	773	774																	
50/ 49	.1	1.7	.8	.4	.2	.1	.0											358	358	647	755																	
48/ 47	.2	1.4	.5	.4	.1	.1												281	281	610	677																	
46/ 45	.1	1.2	.4	.3	.1	.0	.0											214	214	405	656																	
44/ 43	.1	.8	.2	.1	.1	.0												142	142	319	520																	
42/ 41	.1	.7	.2	.1	.1													138	138	226	476																	
40/ 39	.1	.6	.2	.0	.0													91	91	176	412																	
38/ 37	.0	.3	.1	.0														50	50	85	327																	
36/ 35	.0	.2	.1															32	32	77	251																	
34/ 33	.1	.0	.0	.0														15	15	45	209																	
32/ 31	.0	.0																9	9	17	164																	
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature																											
Ref. Hum.											≤ 0 F				≤ 32 F				≥ 67 F				≥ 73 F				≥ 80 F				≥ 93 F				Total			
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVLSON AAF

57-70

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																																							
100/ 99											.0	.0	.0					6	6																																									
98/ 97									.0	.1	.1	.0	.0					20	20																																									
96/ 95									.0	.1	.0	.0	.0					24	24																																									
94/ 93							.0	.0	.2	.2	.1	.0	.0	.0				70	70																																									
92/ 91						.0	.0	.2	.3	.2	.1	.1						97	97																																									
90/ 89					.0	.1	.2	.6	.6	.3	.2	.1		.0				218	218																																									
88/ 87					.0	.3	.5	.8	.5	.4	.3	.0						288	288																																									
86/ 85				.0	.1	.7	1.0	.8	.6	.3	.2	.0	.0					384	384																																									
84/ 83			.0	.1	.5	.9	.8	.7	.5	.5	.4	.0	.0					435	435																																									
82/ 81			.1	.4	.8	.8	.8	.6	.4	.3	.1	.0						448	448	14																																								
80/ 79		.0	.2	.7	1.1	1.0	.9	.6	.6	.3	.1	.0						562	562	56	4																																							
78/ 77		.0	.4	1.3	.9	.9	.9	.6	.6	.5	.3	.0						652	652	204	17																																							
76/ 75		.4	1.3	1.5	1.0	.8	.8	.7	.7	.2	.1	.0						755	755	415	73																																							
74/ 73		.8	1.9	1.2	1.1	.6	.7	.5	.3	.1	.0							724	724	674	201																																							
72/ 71	.0	1.8	1.9	.9	1.1	.6	.6	.3	.1	.1								756	756	899	527																																							
70/ 69	.3	2.9	1.9	1.4	1.0	.8	.4	.2	.1									909	909	1050	846																																							
68/ 67	.3	3.0	1.8	1.0	.8	.4	.3	.1	.1									785	785	1112	1113																																							
66/ 65	.3	2.5	1.6	.9	.5	.3	.2	.0	.0									637	637	1034	1002																																							
64/ 63	.2	2.3	1.1	.6	.4	.1	.1	.0										501	501	981	858																																							
62/ 61	.2	2.0	.8	.5	.3	.1	.0	.0										409	409	933	914																																							
60/ 59	.2	2.2	.9	.4	.2	.1	.0											407	407	752	823																																							
58/ 57	.2	1.7	.8	.1	.1	.0												302	302	598	785																																							
56/ 55	.2	1.8	.4	.1	.1													266	266	507	667																																							
54/ 53	.1	1.2	.3	.1	.0													172	172	360	623																																							
52/ 51	.0	.7	.2	.0														99	99	178	519																																							
50/ 49	.1	.5	.1	.0														71	71	157	373																																							
48/ 47	.0	.3	.0															36	36	76	255																																							
46/ 45	.0	.2	.0															19	19	39	208																																							
44/ 43	.0	.2																18	18	20	118																																							
42/ 41	.0	.1																7	9	19	75																																							
40/ 39		.0																1	1	2	50																																							
38/ 37																					18																																							
36/ 35																					10																																							
34/ 33																					1																																							
Element (X)	Σ x'					Σ x					x̄					s _x					No. Obs.					Mean No. of Hours with Temperature																																		
Rel. Hum.																					≤ 0 F					≤ 32 F					≥ 67 F					≥ 73 F					≥ 80 F					≥ 93 F					Total									
Dry Bulb																																																												
Wet Bulb																																																												
Dew Point																																																												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93726 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70

JUL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728
STATIC

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70

YEARS

JUL
MONTH

PAGE 1

ALL
HOURS (L. S.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF
STATION STATION NAME

57-70

YEARS

MENT:

PAGE 2

ALL
POURS (L. S. I.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EIGHT BELVOIR VA/DAVISON AAF

57-70

YEARS

ALL MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97									.0	.0	.0			.0					5	5				
96/ 95									.0	.1	.1	.0	.0						32	32				
94/ 93								.1	.3	.1	.1	.0	.0	.1					73	73				
92/ 91						.0	.2	.4	.3	.2	.2	.1	.0	.0					149	149				
90/ 89						.2	.6	.7	.6	.4	.2	.0							283	283				
88/ 87				.0	.1	.5	.9	.7	.7	.4	.2	.1	.0						364	364				
86/ 85				.0	.4	1.2	.9	.8	.7	.4	.2	.1	.0						488	488				
84/ 83			.0	.3	1.0	.9	.9	.9	.8	.3	.1								536	536	1			
82/ 81		.0	.2	1.0	1.2	1.0	.9	.8	.5	.3	.1	.0							625	625	8	1		
80/ 79		.0	.7	1.6	1.4	1.0	.8	.6	.6	.3	.0								726	726	98	4		
78/ 77		.4	1.6	1.5	1.3	.9	.9	.5	.5	.2	.0								817	817	403	28		
76/ 75	.0	1.5	2.7	1.6	1.0	.7	.6	.4	.3	.2									932	932	722	217		
74/ 73	.2	2.9	2.8	1.7	.9	.5	.5	.2	.2	.0									1030	1030	1089	640		
72/ 71	.8	3.4	2.6	1.0	.6	.5	.2	.2	.0										979	979	1485	1197		
70/ 69	.8	3.3	2.0	1.2	.4	.3	.2	.1											877	877	1530	1287		
68/ 67	.8	2.5	1.9	.7	.5	.2	.1												701	701	1233	1288		
66/ 65	.6	2.2	1.2	.5	.5	.2	.0												532	532	1004	1189		
64/ 63	.4	1.8	.7	.3	.2	.0	.0												355	355	891	904		
62/ 61	.2	1.5	.9	.2	.1	.1													270	270	626	873		
60/ 59	.4	1.0	.5	.2	.0	.0													222	222	475	693		
58/ 57	.2	.8	.4	.1	.0	.0													161	161	345	556		
56/ 55	.3	.6	.3	.1	.0														133	133	201	469		
54/ 53	.1	.4	.1	.0	.0														75	75	152	347		
52/ 51	.0	.1	.0	.0															23	23	81	260		
50/ 49		.1	.0																11	11	37	210		
48/ 47		.0																	3	3	17	114		
46/ 45		.0																	4	4	6	84		
44/ 43																					2	26		
42/ 41																						0		
40/ 39																						3		
38/ 37																						2		
TOTAL	4,922.6	18.4	12.0	9.5	8.1	7.6	6.3	5.7	3.0	1.2	.4	.1	.1						10406	10406		10406		
																			10406		10406			
Element (X)	Σx ²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.	59819136		766058		73.6		18.141		10406		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	58330719		773951		74.4		8.590		10406						616.1		433.3		210.0		7.9		744	
Wet Bulb	48206050		705494		67.8		6.005		10406						469.7		165.9		2.7				744	
Dew Point	43601710		667772		64.4		6.879		10406						333.3		42.6		.1				744	

REMOVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 84

USAFETAC

PSYCHROMETRIC SUMMARY

57-70

SEP
MONTH

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEE
MONTH

All
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01 A)

USAFETAC

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

OCT

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					
92/ 91														.0						2	2						
90/ 89										.0		.0	.0	.0						8	8						
88/ 87							.0	.0	.0	.0	.1		.0							15	15						
86/ 85						.0	.0	.0	.0	.0	.0	.0								18	18						
84/ 83						.0	.0	.0	.0	.1	.1	.0								25	25						
82/ 81				.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0						47	47						
80/ 79			.0	.1	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0				86	86						
78/ 77		.0	.1	.1	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0			135	135						
76/ 75		.1	.1	.1	.2	.2	.2	.3	.2	.2	.1	.0								166	166	16	2				
74/ 73	.0	.2	.2	.2	.3	.4	.4	.3	.3	.1	.0									271	271	50	21				
72/ 71	.1	.3	.4	.4	.3	.5	.3	.3	.2	.1	.0	.0								314	314	79	40				
70/ 69	.0	.5	.5	.5	.4	.5	.4	.4	.3	.2										397	397	153	82				
68/ 67	.1	.7	.9	.6	.5	.6	.5	.3	.3	.1										468	468	211	122				
66/ 65	.2	1.1	.7	.5	.6	.7	.6	.3	.4	.0										548	548	335	197				
64/ 63	.3	1.5	.7	.8	.4	.6	.5	.5	.3	.0										585	585	467	308				
62/ 61	.3	1.9	.7	.6	.5	.5	.6	.4	.2											600	600	521	347				
60/ 59	.5	2.0	.8	.9	.9	.6	.5	.4	.0											696	696	609	431				
58/ 57	.3	1.9	1.1	.7	.6	.8	.7	.3												661	661	632	490				
56/ 55	.6	2.0	1.0	.9	.7	.7	.5	.1												682	682	727	526				
54/ 53	.5	2.4	1.1	1.0	.8	.6	.3	.1	.0											712	712	725	589				
52/ 51	.5	2.5	1.4	.6	.7	.4	.2	.0												655	655	797	631				
50/ 49	.4	2.2	1.0	.7	.4	.3	.1													542	542	779	637				
48/ 47	.5	2.0	.9	.5	.3	.3	.0													490	490	813	669				
46/ 45	.5	2.0	.8	.7	.2	.1	.0													460	460	754	731				
44/ 43	.4	1.9	.6	.4	.1	.1														371	371	584	582				
42/ 41	.5	1.6	.8	.2	.2	.0														346	346	497	588				
40/ 39	.7	1.4	.5	.2	.1															295	295	459	600				
38/ 37	.5	1.2	.3	.1	.0															222	222	334	532				
36/ 35	.6	1.2	.3	.0	.0															234	234	302	520				
34/ 33	.3	1.0	.2	.0																156	156	231	479				
32/ 31	.2	.6	.1	.0																98	98	166	395				
30/ 29	.2	.5	.0																	71	71	92	311				
28/ 27	.1	.1	.0																	26	26	57	231				
26/ 25	.0	.1																		9	9	15	116				
Element (X)	ΣX^2				ΣX				$\bar{X}$				σ_x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

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

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PAGE 2

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HOURS (L. & T.)

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9372R EIGHT BELVIDER VA/DAVISON AAF

57-70

NOV
MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
80/ 79									.0										4	4				
78/ 77						.0	.0	.0	.0	.0	.0								10	10				
76/ 75					.1	.0	.0		.0	.1	.0	.0							23	23				
74/ 73				.0	.1	.0	.0	.0	.0	.1	.0	.0							25	25				
72/ 71			.1	.1	.0	.1	.1	.1	.1	.1	.0								57	57				
70/ 69		.0	.1	.1	.0	.1	.1	.1	.2	.0									80	80	1			
68/ 67		.0	.2	.1	.2	.1	.1	.3	.1	.0									125	125	35	4		
66/ 65	.1	.2	.3	.2	.2	.1	.3	.2	.1	.1									188	188	39	27		
64/ 63	.0	.5	.3	.3	.3	.3	.4	.3	.1	.0									260	260	77	43		
62/ 61	.1	.8	.4	.5	.4	.3	.4	.2	.1	.0									336	336	144	107		
60/ 59	.2	.9	.5	.5	.5	.5	.7	.2	.1										406	406	209	168		
58/ 57	.2	1.4	.8	.3	.5	.8	.3	.2	.0										468	468	246	132		
56/ 55	.3	1.5	.8	.5	.7	.8	.5	.2	.0										521	521	417	225		
54/ 53	.4	1.4	.8	.8	1.2	.9	.5	.1											621	621	467	326		
52/ 51	.3	1.2	1.0	1.0	.9	.8	.3	.0											568	568	446	327		
50/ 49	.3	1.2	1.3	.9	1.2	1.0	.3												619	619	494	327		
48/ 47	.2	1.4	1.0	1.2	1.3	.7	.2												601	601	626	270		
46/ 45	.2	1.8	1.3	1.4	1.2	.6	.1												651	651	646	362		
44/ 43	.5	1.6	1.4	1.1	1.0	.4	.1												615	615	707	506		
42/ 41	.4	1.9	1.3	1.3	.8	.3													602	602	776	538		
40/ 39	.4	2.0	1.2	1.4	.8	.2													612	612	753	532		
38/ 37	.6	1.9	.9	1.1	.6	.1													523	523	705	643		
36/ 35	.6	2.0	1.1	.8	.3														477	477	698	684		
34/ 33	.4	1.9	.7	.8	.1														405	405	582	694		
32/ 31	.4	2.5	.7	.5	.0														413	413	584	587		
30/ 29	.3	2.1	.4	.2															312	312	478	618		
28/ 27	.6	1.3	.3	.1	.0														233	233	409	580		
26/ 25	.5	.6	.2	.1															150	150	243	599		
24/ 23	.2	.4	.2																81	81	124	495		
22/ 21	.1	.2	.2																52	52	82	325		
20/ 19	.0	.1	.0																20	20	50	243		
18/ 17	.0	.1	.0																16	16	29	180		
16/ 15	.0	.0																	5	5	12	192		
14/ 13																						136		
Element (X)	Σ X ²			Σ X			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

PSYCHROMETRIC SUMMARY

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ALL
HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EURT BELVOIR VA/DAVISON AAF

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YEARS

DEC
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PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
74/ 73									.0	.0	.0							3	3							
70/ 69			.0	.0	.0	.0	.0	.0	.0	.0								12	12							
68/ 67			.0	.0	.0	.0	.0	.0	.0	.0								17	17							
66/ 65			.0	.0	.0	.0	.0	.0	.0	.0	.0							20	20	1						
64/ 63		.1	.0	.1	.0	.1	.0	.0	.0	.0	.0							39	39	13	1					
62/ 61	.0	.2	.0	.1	.1	.0	.1	.0	.0	.0								58	58	23	16					
60/ 59	.0	.4	.0	.1	.1	.1	.1	.0	.0	.0								91	91	37	29					
58/ 57	.1	.3	.0	.1	.1	.2	.1	.1	.0									114	114	69	43					
56/ 55	.1	.4	.0	.1	.2	.3	.1	.1	.0									139	139	70	68					
54/ 53	.1	.3	.1	.2	.3	.2	.2	.0										155	157	81	58					
52/ 51	.1	.6	.2	.3	.3	.2	.1											194	195	83	56					
50/ 49	.1	.6	.4	.5	.6	.4	.1	.0										286	291	138	88					
48/ 47	.1	1.0	.5	.6	.5	.4	.1											321	324	186	93					
46/ 45	.2	1.1	.5	.7	.6	.2	.1											353	353	323	146					
44/ 43	.3	1.8	.8	.9	.8	.3	.1											510	510	362	203					
42/ 41	1.1	1.4	1.0	1.1	.9	.3												605	605	427	299					
40/ 39	.6	1.3	1.3	1.7	1.2	.1												650	650	496	331					
38/ 37	.5	1.8	1.5	2.1	.7	.1												692	692	492	366					
36/ 35	1.0	2.0	1.9	2.3	.7	.0												816	816	690	398					
34/ 33	1.0	2.6	1.9	2.0	.3	.0												808	808	826	470					
32/ 31	1.2	2.9	2.2	2.0	.1													862	862	1004	586					
30/ 29	.5	3.1	2.3	1.3	.0													752	752	845	552					
28/ 27	.8	2.7	1.8	.9														645	645	904	606					
26/ 25	.6	2.3	1.9	.5														550	550	786	703					
24/ 23	.7	1.8	1.3	.3														422	422	634	663					
22/ 21	.6	1.3	1.0	.0														318	318	489	710					
20/ 19	.5	1.5	.9	.0														299	307	368	675					
18/ 17	.4	1.3	.4															217	219	321	574					
16/ 15	.4	.7	.2															133	140	223	544					
14/ 13	.4	.7	.1															128	131	134	420					
12/ 11	.3	.5	.0															82	82	121	380					
10/ 9	.2	.3																49	49	79	321					
8/ 7	.1	.1																16	16	28	257					
6/ 5	.1	.0																10	10	12	212					
Element (X)	Σ x²		Σ x		Σ		Σ x		Σ		Σ x		Σ		Σ x		Σ		Σ x		Σ					
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										
Mean No. of Hours with Temperature																										
																				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC 0-26-5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728
STATIONFIRT BELVOIR VA/DAVISON AAF
STATION NAME58-70
YEARSJAN
MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
64/ 63			.1															1	1						
62/ 61		.1																1	1						
60/ 59		.1	.2	.2	.3													8	8	3	1				
58/ 57			.2															2	2		1				
56/ 55		.2	.2	.2														6	6	2	1				
54/ 53		.1		.1														2	2	7	2				
52/ 51		.3	.1															5	5	6	4				
50/ 49		.3	.4	.2	.1													10	10	5	7				
48/ 47	.2	.3	.4	.3	.1	.3												18	18	9	7				
46/ 45	.1	.9	.2	.4	.3	.1												23	23	9	7				
44/ 43	.6	1.4	.5	.7	.3	.1												43	43	29	19				
42/ 41	.6	.5	.5	.8	.1	.2												32	32	30	25				
40/ 39	.9	1.3	.8	1.2	.3													53	53	33	22				
38/ 37	.9	2.3	2.0	.6	.3													73	73	54	34				
36/ 35	1.2	1.9	1.4	.9														65	65	64	36				
34/ 33	1.0	2.7	2.7	1.6	.3													98	98	80	36				
32/ 31	.3	3.2	1.6	1.6														82	82	65	53				
30/ 29	1.3	3.5	1.4	.7														82	82	101	56				
28/ 27	1.4	3.1	3.1	.3														94	94	99	70				
26/ 25	1.3	3.0	3.3	.2														92	92	108	83				
24/ 23	.8	4.3	1.9															85	85	80	76				
22/ 21	1.1	2.3	1.8	.3														66	66	107	61				
20/ 19	1.1	2.3	.7															48	50	50	63				
18/ 17	.7	2.7	.7															48	49	58	86				
16/ 15	.3	1.9	.3															30	30	43	79				
14/ 13	.6	1.8	.3															32	32	36	40				
12/ 11	.4	1.0	.3															21	22	30	65				
10/ 9	.9	1.3	.2															28	28	24	63				
8/ 7	.7	.7	.1															17	20	27	31				
6/ 5	.3	.5																10	12	13	36				
4/ 3	.4	.4																10	10	9	31				
2/ 1	.2																	2	3	6	25				
0/ -1	.3	.1																4	4	3	15				
-2/ -3	.3	.2																8	8	6	11				
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

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JAN

STATION

STATION NAME

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0300-0500

HOURE (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
64/ 63			.2															2	2							
62/ 61																				1						
60/ 59		.1		.2	.2													6	6	2						
58/ 57			.4		.1													6	6	2						
56/ 55			.1			.1												2	2							
54/ 53			.2															2	2	8						
52/ 51		.1	.2	.1														5	5	4						
50/ 49		.5	.2	.1														9	9	6						
48/ 47		.4	.1	.1														7	7	11						
46/ 45	.2	1.1	.6		.1													24	24	10						
44/ 43	.4	1.5	.6	.5	.2	.2												41	41	27						
42/ 41	.8	.8	.3	.5	.2													32	32	28						
40/ 39	1.0	1.1	.7	1.0	.2													48	48	35						
38/ 37	1.0	1.6	1.6	.9	.4													66	66	32						
36/ 35	.8	1.5	1.5	.7														54	54	51						
34/ 33	1.0	3.2	1.7	.7	.1													81	81	81						
32/ 31	.9	3.7	1.2	1.6														89	89	74						
30/ 29	1.8	3.4	1.3	1.0														91	91	102						
28/ 27	1.2	3.0	2.2	.4														89	89	93						
26/ 25	.9	3.7	2.2	.2														84	84	79						
24/ 23	.6	3.0	2.5															73	73	81						
22/ 21	1.5	3.7	1.1															75	75	110						
20/ 19	.9	4.0	1.0															71	72	69						
18/ 17	1.2	1.9	.2															40	42	64						
16/ 15	.8	2.4	.8															49	45	43						
14/ 13	.7	2.4	.4															43	43	49						
12/ 11	.9	1.2	.4															30	30	41						
10/ 9	.2	1.0	.1															26	26	23						
8/ 7	.5	.9																17	19	29						
6/ 5	.3	.1																5	5	14						
4/ 3	.4	.7																13	13	7						
2/ 1	.3	.2																7	8	11						
0/ -1	.2	.1																4	4	5						
-2/ -3	.2																	3	3	4						
Element (X)	Σx ²			Σx			x̄			σ _x			No. Obs.			Mean No. of Hours with Temperature										
Rel Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																										
Wet Bulb																										
Dew Point																										

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

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USAFETAC

PSYCHROMETRIC SUMMARY

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/LAVISON AAF

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YEARS

JAN

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point													
60/ 59		.1	.2	.1														4	4														
58/ 57				.6	.2													9	9														2
56/ 55																																2	2
54/ 53	.1	.2	.1															4	4												5	3	
52/ 51			.3															4	4												5	2	
50/ 49		.3	.1	.2														7	7												5	4	
48/ 47	.2		.3	.2														9	9												8	4	
46/ 45	.2	.2	.4															14	14												8	12	
44/ 43	.5	1.2	.9	.2	.2	.1												32	32												25	6	
42/ 41	1.3	1.3	.2	.6	.2	.2												42	42												33	38	
40/ 39	1.4	.9	.8	.4														43	43												37	32	
38/ 37	.6	1.1	1.1	.5	.1													40	40												21	22	
36/ 35	.7	2.7	1.7	1.3	.1													74	74												46	24	
34/ 33	1.0	2.1	2.1	.8	.1													73	73												69	38	
32/ 31	1.3	3.4	2.0	.8														91	91												70	39	
30/ 29	1.8	3.5	2.1	.6														96	96												108	71	
28/ 27	1.2	3.4	2.6	.2														90	90												91	56	
26/ 25	1.0	2.7	2.7	.1														79	79												83	71	
24/ 23	.4	3.2	2.7	.1														78	78												81	64	
22/ 21	.8	2.9	1.2	.2														62	62												94	67	
20/ 19	1.2	3.7	.6															66	66												83	57	
18/ 17	.9	3.4	.8															62	62												62	58	
16/ 15	1.4	3.7	.9															63	69												69	69	
14/ 13	1.0	.9	.6															30	30												50	74	
12/ 11	.5	3.1	.1															32	32												24	80	
10/ 9	.4	1.6	.1															23	23												33	75	
8/ 7	.6	1.7																27	28												30	47	
6/ 5	.7	.2																11	12												22	30	
4/ 3	.2	.2																6	6												6	27	
2/ 1	.2	.2																6	7												7	28	
0/ -1	.3	.2																5	6												7	20	
-2/ -3	.4																	5	5												6	22	
-4/ -5	.4																	3	3												3	16	
-6/ -7	.2	.2																6	6												5	8	
Element (X)	Σ X ²					Σ X					Σ					Σ					No. Obs.					Mean No. of Hours with Temperature							
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

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

PSYCHROMETRIC SUMMARY

YEARS

JAN

HOURS (L, S, T.)

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

58-70

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	12-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
64/ 63				.1	.1														2	2				
62/ 61			.1	.1	.2														4	4				
60/ 59			.1	.2	.1														5	5	1			
58/ 57	.1		.2	.2															6	6	2			
56/ 55	.1	.1	.2			.1	.1												7	7	6			
54/ 53		.2	.2	.1	.1														7	7	8			
52/ 51		.2		.2		.2													7	7	7			
50/ 49	.1	.2	.1	.2	.1	.2													12	12	8			
48/ 47	.2	.2	.2	.5	.4	.2													23	23	8			
46/ 45	.5	1.2	.4	.3	.2	.2													35	35	22			
44/ 43	.7	.7	.9	.9	.7	.4													52	52	29			
42/ 41	1.0	1.3	.7	.9	.9	.2													61	61	30			
40/ 39	1.3	1.6	1.7	1.2	.8														81	81	65			
38/ 37	.6	1.7	1.6	2.3	.7														82	82	50			
36/ 35	.3	1.7	3.0	2.4	.2														92	92	70			
34/ 33	.8	3.6	3.0	1.6	.3														113	113	99			
32/ 31	.7	2.7	3.0	2.2	.2														107	107	122			
30/ 29	.4	2.4	2.2	2.8	.2														97	97	104			
28/ 27	.4	1.7	3.5	1.7															88	88	86			
26/ 25	.2	1.9	3.7	.4															75	75	88			
24/ 23		1.5	2.2	.1															45	45	98			
22/ 21	.2	1.7	1.7	.1															45	45	87			
20/ 19		1.8	1.7																42	43	51			
18/ 17	.6	1.4	1.1																37	37	44			
16/ 15	.1	1.2	1.2																29	29	33			
14/ 13	.1	.7	.8																20	20	30			
12/ 11		1.2	.3																18	18	25			
10/ 9		.4																	5	5	17			
8/ 7		.2																	3	3	7			
6/ 5		.2																	2	2	4			
4/ 3	.2	.1																	3	3	4			
2/ 1	.1																		1	1	1			
0/ -1	.1	.1																	2	2	1			
-2/ -3																					1			
Element (X)	Σx'			Σx			X̄			e _x			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL 4) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

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

[illegible]

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

58-70

JAN

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					
70/ 69						.1	.2											3	3							
68/ 67				.1		.1												2	2							
66/ 65			.1		.1	.3												6	6							
62/ 61			.1	.1	.2	.1			.1									7	7	2						
60/ 59				.5	.1	.1	.2	.2										14	14	3						
58/ 57			.2	.1	.2	.2	.5	.1										14	14	3	2					
56/ 55	.2	.3			.4	.2	.4	.1										19	19	10	3					
54/ 53	.1	.2	.3	.2	.3	.4	.5	.2										27	27	14	3					
52/ 51		.1	.2	.2	.7	.2	.3	.3										25	25	7	11					
50/ 49	.1	.4	.2	.6	1.2	.6	.5											43	43	9	9					
48/ 47	.2	1.5		.7	1.2	1.2	.4											64	64	33	19					
46/ 45	.2	1.3	.5	1.4	1.7	1.5	.2											83	83	42	16					
44/ 43	.5	.6	.7	1.7	2.2	1.0												80	80	44	31					
42/ 41	.2	.8	1.1	1.5	2.4	.7												80	80	52	16					
40/ 39	.2	1.0	1.2	2.7	2.2	.2												92	92	69	19					
38/ 37	.7	1.2	1.0	3.2	1.8													95	95	114	37					
36/ 35	.4	1.1	2.0	2.0	1.6	.1												86	86	93	37					
34/ 33	.6	1.5	1.5	3.7	1.2													102	102	110	58					
32/ 31	.1	1.2	1.4	4.4	.6													92	92	120	60					
30/ 29		.6	1.4	3.4	.1													66	66	67	68					
28/ 27		.2	1.3	2.6	.1													51	51	98	56					
26/ 25		.2	1.7	.5														29	29	89	66					
24/ 23		.2	1.9	.2														29	29	58	61					
22/ 21		.8	1.2	.5														30	30	49	79					
20/ 19	.1	.5	1.5	.2														28	28	43	61					
18/ 17		.5	.9															17	17	20	60					
16/ 15	.2	.3	.7															15	15	26	71					
14/ 13		.2	.3															7	7	21	72					
12/ 11		.1																1	1	10	63					
10/ 9		.2																2	2	1	64					
8/ 7																				2	41					
6/ 5																					35					
4/ 3																					18					
2/ 1																					12					
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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

PSYCHROMETRIC SUMMARY

JAN
MONTH

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

[illegible]

USAFETAC FORM 0-26-5 (Q1A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AFB

58-70

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
72/ 71						.1	.3	.1										6	6									
70/ 69							.4											5	5									
68/ 67						.1												1	1									
66/ 65			.1	.1		.1												3	3									
64/ 63			.1			.1	.1											3	3									
62/ 61						.2	.2	.2										7	7	3								
60/ 59		.1	.2	.1	.3	.3	.2	.5	.2									23	23	7								
58/ 57		.2	.2	.2	.2	.3	.1	.2	.1									16	16	6								
56/ 55	.2	.3	.3	.2	.2	.4	.5	.2										26	26	11								
54/ 53		.1	.2	.2	.3	.5	.3	.3	.2									26	26	7								
52/ 51		.3	.2	.1	.5	.6	.4	.3										30	30	13								
50/ 49	.1	.3	.3	.3	.5	.9	.5											49	49	18								
48/ 47		.3	.2	.4	1.7	1.7	.3											56	56	26								
46/ 45	.3	1.3	1.0	1.0	1.4	2.1	.2											85	85	29								
44/ 43	.2	.8	1.0	2.2	2.6	1.3	.1											100	100	60								
42/ 41	.2	.8	.8	1.8	2.2	.8	.1											83	83	52								
40/ 39	.5	1.2	.7	2.2	2.2	.3												88	88	91								
38/ 37	.2	.8	1.0	2.2	1.6	.1												72	72	108								
36/ 35	.5	1.7	.9	3.0	2.0	.1												99	99	101								
34/ 33	.5	1.4	1.9	2.6	1.4													95	95	114								
32/ 31	.2	1.3	.7	3.9	.7													82	82	95								
30/ 29		.5	.7	3.2	.5													59	59	93								
28/ 27	.3	.7	1.2	1.7	.1													48	48	77								
26/ 25	.1	.4	.9	1.6														36	36	86								
24/ 23		.4	1.4	.5														28	28	58								
22/ 21		1.2	.8	.5														30	30	45								
20/ 19		.5	1.0	.2														21	21	40								
18/ 17		.3	1.2															18	18	22								
16/ 15	.2		.3															6	6	20								
14/ 13	.2		.1															4	4	20								
12/ 11			.2															3	3	2								
10/ 9			.1															1	1	1								
8/ 7																				4								
6/ 5																												
Element (X)	Σ X ²				Σ X				X̄				σ _x				No. Obs.				Mean No. of Hours with Temperature							
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																												
Wet Bulb																												
Dew Point																												

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM

JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

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

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF
STATION STATION NAME

58-70

YEARS

JAN
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

1st
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

58-70

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
72/ 71				.1														1	1					
70/ 69				.1														1	1					
68/ 67			.1															1	1					
66/ 65																					2			
64/ 63																					1			
62/ 61																					3			
60/ 59					.1													1	1					
58/ 57		.2	.2	.1	.3													10	10					
56/ 55		.2	.1		.1													4	4	3	1			
54/ 53		.3				.1												5	5	6	3			
52/ 51		.4	.1	.1			.1											8	8	7	1			
50/ 49		.3	.4	.2		.1	.2											15	15	9	10			
48/ 47		.6	.3	.6	.2	.2												22	22	6	7			
46/ 45		1.2	.2	.4	.6													30	30	17	10			
44/ 43	.2	1.5	.5	.7	.4	.1												41	41	28	20			
42/ 41	.8	.6	1.3	.7	.4													46	46	32	26			
40/ 39	.7	1.5	1.6	1.0	.7													66	66	45	24			
38/ 37	1.1	1.1	1.4	.9	.2													57	57	62	36			
36/ 35	.7	2.7	3.0	2.0	.4													106	106	63	33			
34/ 33	.6	1.9	2.2	1.6	.1													77	77	79	30			
32/ 31	.2	3.3	2.7	1.2	.2													93	93	72	61			
30/ 29	.7	4.6	2.6	.7														103	103	121	56			
28/ 27	.5	3.3	3.6	.8														99	99	95	81			
26/ 25	.6	3.9	3.7	.5														104	104	106	73			
24/ 23	.4	2.5	2.0	.2														61	61	105	73			
22/ 21	.5	2.6	1.5	.2														58	58	86	81			
20/ 19	.2	2.6	.7															42	43	61	65			
18/ 17	.2	2.1	.9															39	39	54	73			
16/ 15	.2	1.2	.4															22	22	29	70			
14/ 13	.2	.5	.6															16	17	26	58			
12/ 11	.4	1.5	.4															28	28	23	67			
10/ 9	.2	.8	.2															14	15	20	57			
8/ 7	.1	.8																11	12	19	37			
6/ 5	.5	.5																12	12	13	38			
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature											Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
66/ 65				.1														1	1					
62/ 61				.2		.1			.1									4	4					
60/ 59		.2		.2		.1	.1											6	6	1				
58/ 57	.2	.1	.1	.1		1												6	6	2				
56/ 55	.1	.2		.3		.2												8	8	4				
54/ 53		.2	.1		.2	.2												7	7	4				
52/ 51		.3	.1			.3												8	8	5				
50/ 49		.6		.1	.1	.2												11	11	5				
48/ 47	.3	.5	.2	.2	.3													19	18	9				
46/ 45	.1	.3	.2	.4	.3	.5												21	21	14				
44/ 43	.8	.6	.4	.6	.5	.3												37	37	7				
42/ 41	.9	.8	.3	1.1	.4													42	42	23				
40/ 39	.6	1.5	.6	2.3	.5													65	65	18				
38/ 37	1.9	2.8	1.0	1.5	.3													98	98	35				
36/ 35	.9	1.3	1.6	1.4	.2													64	64	46				
34/ 33	.9	3.7	2.0	.7	.2													91	91	31				
32/ 31	.3	4.1	2.3	1.9														101	101	49				
30/ 29	.3	4.5	3.6	1.0														110	110	61				
28/ 27	1.2	4.3	2.8	.9														109	109	79				
26/ 25	.7	4.7	3.2	.8														111	111	84				
24/ 23	.5	3.0	1.0	.3														66	66	77				
22/ 21	.5	1.7	1.2	.3														43	43	100				
20/ 19	.3	1.5	1.5															39	39	70				
18/ 17	.2	.8	1.2															27	27	80				
16/ 15	.2	1.0	1.3															29	29	58				
14/ 13		1.0	.5															18	18	63				
12/ 11	.2	1.2																16	16	40				
10/ 9	.4	.8	.2															17	17	41				
8/ 7	.3	.3																6	6	34				
6/ 5	.1	.2																3	3	30				
4/ 3																				28				
2/ 1																				22				
0/ -1																				19				
-2/ -3																				11				
Element (X)	Σ X ²			Σ X		X		Σ x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
60/ 59		.1	.1		.1	.2													5	5				
58/ 57		.2	.1				.1												5	5	2			
56/ 55	.1	.1		.2															4	4	5	5		
54/ 53	.1	.2	.1		.1		.1												8	8	2	2		
52/ 51	.3	.4	.4			.1													15	15	11	6		
50/ 49	.2	.3	.1			.3													11	11	14	11		
48/ 47		.7			.3	.1													12	12	6	6		
46/ 45	.2	.7	.3	.2	.3	.2													21	21	14	7		
44/ 43	.3	.5	.4	.8	.3	.3													31	31	13	16		
42/ 41	.6	.5	.1	.7	.1	.1													24	24	22	14		
40/ 39	.8	1.5	.3	1.2	.1														47	47	31	20		
38/ 37	1.5	1.7	1.4	1.4	.4														76	76	59	30		
36/ 35	1.0	2.3	2.2	1.4	.4														87	87	45	38		
34/ 33	1.5	3.1	2.1	.6															87	87	93	39		
32/ 31	.8	4.2	.9	1.8															91	91	89	39		
30/ 29	.3	4.7	3.1	1.2															108	108	97	67		
28/ 27	1.3	3.9	3.4	1.1															114	114	101	78		
26/ 25	.9	4.8	2.3	.4															100	100	122	77		
24/ 23	.2	3.8	2.3																74	74	105	79		
22/ 21	.5	2.6	1.0	.3															52	52	84	82		
20/ 19	1.0	2.4	.5																46	46	60	70		
18/ 17	.3	1.3	.6																26	26	45	79		
16/ 15	.2	1.7	1.2																36	36	22	58		
14/ 13	.2	1.4	.7																27	27	38	74		
12/ 11	.3	1.2	.3																23	23	29	52		
10/ 9	.4	.5	.2																13	13	26	36		
8/ 7	.4	1.2																	19	19	14	39		
6/ 5	.4	.3																	8	9	21	31		
4/ 3	.3	.3																	7	7	7	22		
2/ 1	.1																		1	1	1	17		
0/ -1																						26		
-2/ -3																						23		
-4/ -5																						17		
-6/ -7																						8		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs:		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-20-5 (OL A) JUL 64 REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

FE8
MONTH

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

92728 FORT BELVOIR VA/AVISON AAF

57-70

YEARS

FEB
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						
60/ 59					.3													3	3							
58/ 57		.1																1	1	1						
56/ 55		.4	.1	.2														8	8	2	1					
54/ 53	.1	.3	.1															5	5	4	5					
52/ 51	.2	.6	.1	.1	.1													12	12	11	4					
50/ 49		.8	.2	.1		.3												15	15	8	9					
48/ 47		.4	.3	.1	.1													10	10	11	8					
46/ 45	.3	1.3	.3	.3	.1													27	27	17	13					
44/ 43	.1	.3	.3	.3	.5	.1												18	18	17	15					
42/ 41	1.1	.6	.3	.3	.2	.3												27	27	20	14					
40/ 39	.9	1.8	.7	.4	.8													54	54	30	26					
38/ 37	1.3	1.9	1.5	1.4	.3													76	76	49	29					
36/ 35	.8	2.3	1.7	1.9	.3													82	82	45	36					
34/ 33	.7	3.1	2.2	1.3														86	86	79	31					
32/ 31	1.6	5.5	1.9	1.2														121	121	110	57					
30/ 29	.3	3.6	2.1	.9														81	81	123	55					
28/ 27	.8	3.4	2.7	.8														90	90	81	82					
26/ 25	.4	5.1	2.8	.1														99	99	87	72					
24/ 23	.8	3.2	2.2	.3														76	76	109	63					
22/ 21	.7	2.5	1.7	.2														59	59	84	80					
20/ 19	.9	2.2	1.2															51	51	65	75					
18/ 17	.3	1.7	.6															30	30	47	76					
16/ 15	.6	1.5	.8															34	34	43	54					
14/ 13	.2	1.1	.6															24	24	25	72					
12/ 11	.5	1.8	.3															30	30	29	41					
10/ 9	.6	1.0	.1															20	20	29	54					
8/ 7	.2	.9																13	13	16	35					
6/ 5	.3	.7																14	14	19	33					
4/ 3	.3	.5																9	9	11	27					
2/ 1	.4	.2																7	7	10	23					
0/ -1	.1																	1	1	1	25					
-2/ -3																					28					
-4/ -5																					18					
-6/ -7																					9					
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 44 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

YEARS

57-70

FEB

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	
-8/-9																					6	
-10/-11																					6	
-14/-15																					1	
TOTAL	14.5	48.0	24.7	9.6	2.5	.6													1183		1183	
																			1183		1183	

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

FEB

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
64/ 63			.1	.2														3	3															
62/ 61			.1															1	1															
60/ 59		.1	.2				.1											4	4	1														
58/ 57	.2		.1	.1														4	4	7	3													
56/ 55	.1	.3	.1	.4	.2	.2	.1											15	15	2	5													
54/ 53	.1	.7	.5	.2		.2	.3		.1									23	23	5	5													
52/ 51		.4	.1	.2	.4	.2												15	15	15	4													
50/ 49		.8	.2	.3	.5	.3	.3											28	28	18	14													
48/ 47	.1	1.3	.2	.5	.8	.6	.2											42	42	12	15													
46/ 45		.5	.6	.8	.4	.3	.2											33	33	23	13													
44/ 43	.2	1.0	.6	1.0	.9	.7												52	52	22	13													
42/ 41	.6	1.4	1.3	1.7	1.4	.4												81	81	46	19													
40/ 39	.7	2.0	1.6	2.0	1.4	.3												96	96	56	27													
38/ 37	.6	1.9	2.3	1.9	1.7	.2												101	101	78	38													
36/ 35	.6	2.9	2.9	4.1	1.3	.2												136	136	101	51													
34/ 33	.5	3.1	2.1	2.5	.4	.1												104	104	102	45													
32/ 31	.7	2.5	2.2	2.5	.5													100	100	144	66													
30/ 29	.2	1.3	3.0	2.0														79	79	113	65													
28/ 27	.3	1.7	1.5	1.9	.1													66	66	96	78													
26/ 25		2.2	2.0	1.1														62	62	89	71													
24/ 23		.3	2.2	.6														37	37	68	67													
22/ 21	.1	.7	1.2	.3														21	21	45	70													
20/ 19		.6	1.7	.2														29	29	41	72													
18/ 17		.3	.6															11	11	31	72													
16/ 15	.3	.5	.4															15	15	26	55													
14/ 13	.3	.6	.4															15	15	20	46													
12/ 11		.2	.1															3	3	12	44													
10/ 9	.1	.2	.1															4	4	5	45													
8/ 7	.1	.1																2	2	5	34													
6/ 5	.1	.1																2	2	2	32													
4/ 3																					28													
2/ 1																					21													
0/ -1																					17													
-2/ -3																					22													
Element (X)	Σ X ²			Σ X			X	Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X		
Rel. Hum.																																		
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		
														</																				

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

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

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
72/ 71						.1													1	1							
70/ 69						.1	.1												2	2							
68/ 67				.1	.1	.2	.2		.1	.2									6	6							
66/ 65				.3	.2	.2		.1											8	8							
64/ 63				.1	.2	.1		.2											6	6							
62/ 61		.2		.1		.3	.2	.1											10	10	4						
60/ 59	.3	.1	.3	.2	.2	.1		.1	.1	.1									15	15	9	3					
58/ 57	.1	.1	.3	.1	.3	.3	.3	.1	.1	.2									18	18	8	6					
56/ 55	.1	.5	.3	.3	.7	.9	.5	.6											45	45	11	6					
54/ 53		.1	.1	.3	.4	.8	.4	.3											30	30	11	10					
52/ 51		.2	.3	.3	.8	.8	.8	.3											40	40	19	10					
50/ 49	.3	.4	.3	.5	1.0	.7	.8	.5											52	52	19	10					
48/ 47		.5	.4	1.2	1.4	.8	.8												61	61	23	11					
46/ 45		1.0	.3	1.0	1.0	1.9	.5	.1											69	69	34	15					
44/ 43	.3	1.1	.4	2.0	2.2	1.9	.4												99	99	54	23					
42/ 41	.3	1.3	.8	1.8	2.1	1.7	.2												95	95	71	20					
40/ 39	.2	.7	1.4	2.3	3.0	1.0	.3												104	104	79	25					
38/ 37	.6	2.2	.8	2.8	1.7	.1													97	97	112	41					
36/ 35	.1	1.9	1.4	2.7	1.3	.3													91	91	110	58					
34/ 33	.2	1.1	1.4	2.6	1.7														83	83	120	64					
32/ 31	.6	.8	.9	2.3	.8														64	64	126	54					
30/ 29	.2	1.0	.6	1.7	.5														47	47	84	68					
28/ 27	.2	.7	.7	2.0	.3														45	45	83	65					
26/ 25		.8	.7	2.5															46	46	62	59					
24/ 23		.3	.1	.6															12	12	37	55					
22/ 21		.3	.3	.4															12	12	41	82					
20/ 19		.3	.3																7	7	28	74					
18/ 17		.3	.2																5	5	15	71					
16/ 15	.1	.3	.3																8	8	9	57					
14/ 13	.1	.1																	2	2	8	53					
12/ 11		.1																	1	1	3	37					
10/ 9																					1	29					
8/ 7																						28					
6/ 5																						26					
Element (X)	ΣX ²				ΣX				X̄				σ _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

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

PSYCHROMETRIC SUMMARY

57-70

FEB
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

57-70

YEARS

FEB
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											
72/ 71								.1	.1	.1								3	3												
70/ 69				.1		.1	.2	.1	.3									9	9												
68/ 67				.1	.3	.2	.2											9	9												
66/ 65			.1		.2	.2	.2											7	7												
64/ 63				.3		.1	.1		.1									6	6	2											
62/ 61	.1	.2	.4		.1	.1		.1	.2	.1								14	14	2											
60/ 59		.1	.2	.2	.1	.3		.3	.2	.2								17	17	7											
58/ 57		.1	.3	.6	.3	.3	.2	.7	.3	.3								31	31	16											
56/ 55		.3	.3	.4	.4	.8	.7	.7										43	43	8											
54/ 53		.1	.3	.2	.5	.9	.4	.7										36	36	21											
52/ 51		.3	.3	.4	.5	.7	.8	.3										39	39	15											
50/ 49		.2	.3	.3	.9	.8	.8	.4										43	43	19											
48/ 47	.1	.3	.3	.8	1.0	1.1	.7	.1										52	52	26											
46/ 45	.1	.5	.3	.8	3.4	2.6	.8	.2										104	104	36											
44/ 43	.6	1.4	.7	1.4	3.2	1.9	.3											111	111	61											
42/ 41	.8	.6	1.2	1.8	2.1	2.1	.3											104	104	73											
40/ 39	.2	1.3	.6	1.3	3.1	1.5												94	94	77											
38/ 37	.5	1.6	.6	2.0	1.9	.7	.1											87	87	121											
36/ 35	.5	1.4	.9	2.0	1.4	.3												77	77	138											
34/ 33	.4	1.3	1.4	1.5	2.2													80	80	109											
32/ 31	.5	.8	.6	1.7	1.1													56	56	113											
30/ 29	.1	1.4	.7	1.7	.7													54	54	78											
28/ 27	.3	.6	.8	1.7	.3													43	43	76											
26/ 25	.1	.6	.1	1.1	.1													23	23	64											
24/ 23	.1	.7	.3	.6														19	19	43											
22/ 21		.7	.3	.3														10	10	34											
20/ 19		.2	.2															4	4	21											
18/ 17			.1															1	1	8											
16/ 15		.3	.2															5	5	6											
14/ 13		.1																1	1	5											
12/ 11																				2											
10/ 9																				48											
8/ 7																				38											
6/ 5																				20											
Element (X)	Σ x ²			Σ x			Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature																		
Rel. Hum.													≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total						
Dry Bulb																															
Wet Bulb																															
Dew Point																															

PSYCHROMETRIC SUMMARY

FFB

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1500-1700
HOURS (I - S - T -)

[illegible]

JSAFETAC
FORM
1.11 4.2
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

FEB

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
68/ 67				.1	.1																										2	2			
66/ 65				.1			.1																									2	2		
64/ 63				.1	.2	.3																										7	7		
62/ 61		.1	.1	.2	.3																											7	7	3	
60/ 59		.2	.2	.1	.2		.1	.1																								9	9	2	1
58/ 57	.3		.2		.1	.1	.1	.1																								9	9	7	7
56/ 55		.3		.1	.2	.3	.3	.2																								15	15	9	2
54/ 53		.2	.3	.2	.3	.3	.4	.2																								21	21	12	5
52/ 51	.1	.4	.2	.1	.5	.2	.3	.1																								23	23	5	11
50/ 49		.5	.7	.3	.5	.5	.3																									32	32	16	5
48/ 47		.8	.4	.4	.4	.1	.2	.1																								28	28	13	19
46/ 45		1.0	.2	1.1	.7	.5	.2																									45	45	33	9
44/ 43	.4	1.2	1.1	1.2	1.7	.6	.2																									75	75	38	26
42/ 41	.9	1.2	1.5	1.8	1.9	.6	.2																									96	96	57	30
40/ 39	.8	1.2	1.9	2.8	2.4	.4																										112	112	62	30
38/ 37	.6	1.0	.9	3.2	1.7	.3	.1																									92	92	84	25
36/ 35	.7	2.4	2.0	3.7	1.5	.2																										124	124	86	46
34/ 33	.6	2.2	2.9	3.0	1.2	.3																										119	119	119	61
32/ 31	.7	1.8	1.9	2.2	.8	.1																										88	88	130	58
30/ 29	.2	1.5	1.8	2.5	.2																											73	73	128	66
28/ 27	.1	1.4	1.9	1.7	.3																											63	63	98	49
26/ 25	.2	.7	1.8	1.6																												50	50	76	76
24/ 23	.1	.8	.9	.8																												31	31	66	85
22/ 21		.6	1.2	.4																												26	26	45	79
20/ 19		.8	.8	.1																												20	20	40	79
18/ 17		.2	.3																													5	5	30	59
16/ 15		.2																														2	2	15	55
14/ 13		.6																														7	7	2	40
12/ 11		.2																														2	2	8	50
10/ 9																																		1	50
8/ 7																																			33
6/ 5																																			27
4/ 3																																			16
2/ 1																																			

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF
STATION STATION NAME

57-70

FEB

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					19
-2/ -3																					14
-4/ -5																					7
-6/ -7																					6
-8/ -9																					8
-10/~11																					2
TOTAL	5.5	21.4	23.2	27.6	14.9	4.7	2.1	.7										1185	1185	1185	1185
															</						

FORM 0-26-5 (QLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

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			
66/ 65				.2														2	2					
64/ 63			.1															1	1					
62/ 61				.4														5	5	1				
60/ 59		.1		.3	.1		.1											6	6	2				
58/ 57	.1	.3		.2			.2	.1										9	9	2	5			
56/ 55	.2		.2	.1		.1	.1											7	7	5	4			
54/ 53		.3	.2	.1	.3													9	9	10	2			
52/ 51		.4	.2	.1	.2	.2	.1											13	13	10	5			
50/ 49		.3	.1	.7	.2	.3	.1											20	20	4	6			
48/ 47		.6	.3	.4	.5													21	21	11	14			
46/ 45		.7	.3	.4	.2	.3												23	23	19	7			
44/ 43	.9	1.3	.4	1.0	.7	.3												54	54	38	21			
42/ 41	.8	1.4	1.3	.9	1.0	.1												64	64	37	26			
40/ 39	.8	1.8	1.4	1.4	.6	.2												74	74	51	23			
38/ 37	.4	2.0	1.8	2.9	.6													91	91	59	29			
36/ 35	.9	1.7	3.1	1.9	.5													96	96	79	51			
34/ 33	1.2	2.0	3.0	3.1	.5													117	117	95	51			
32/ 31	.4	3.1	3.0	1.8														99	99	113	50			
30/ 29	.3	4.1	4.6	2.2														133	133	103	61			
28/ 27	.5	2.6	3.5	1.2	.3													95	95	140	70			
26/ 25	.4	2.0	2.2	1.2														69	69	103	90			
24/ 23		1.3	1.7	.8														45	45	90	67			
22/ 21	.1	1.1	1.4	.4														36	36	50	97			
20/ 19		1.4	1.4	.2														34	34	43	91			
18/ 17	.2	.8	1.3															26	26	41	61			
16/ 15	.2	.4	.2															9	9	35	44			
14/ 13	.1	1.1																14	14	21	56			
12/ 11		.4	.2															7	7	14	46			
10/ 9	.2	.3																5	5	7	51			
8/ 7																				1	35			
6/ 5																					22			
4/ 3																					23			
2/ 1																					24			
0/ -1																					13			
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel Hum											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

3

FE

57-70

YEARS

MONTH

HOURS (L, S, T.)

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

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 1 0000-0200

0000-0200
HOURS (1 - 5 - 1-1)

[illegible]

PSYCHROMETRIC SUMMARY

57-70

MAR
MONTH

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

[illegible]

3

NAR
MONTH

YEARS

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

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

PSYCHROMETRIC SUMMARY

57-70

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
0/ -1 -2/ -3																					4 3	
TOTAL	12.0	43.4	23.5	12.9	5.8	1.4	.1											1301	1302	1301	1301	
																	</					

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF

57-70

YEARS

MAR
MONTH

PAGE 1 0600-6800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
70/ 69				.1	.2																										3	3		
68/ 67				.1	.2																										2	3		
64/ 63			.2																												2	2	1	
62/ 61		.1	.2	.2	.1																										6	6	3	
60/ 59		.2	.5		.2	.1																									13	13	5	2
58/ 57		.3		.2	.2																										8	8	10	4
56/ 55		.7	.2	.3	.1	.1																									17	17	11	11
54/ 53		.2	.2	.2	.2																										8	8	7	14
52/ 51		.2	.2	.2	.6																										15	15	12	6
50/ 49	.2	.6	.3	.5	.6	.1																									29	29	12	4
48/ 47	.7	1.1	.7	.5	.3																										43	43	26	22
46/ 45	.5	1.5	.7	.3	.5	.3																									50	50	34	29
44/ 43	1.0	1.3	1.0	.9	.6	.1																									64	64	59	23
42/ 41	1.2	2.4	2.2	.8	.8																										96	96	56	41
40/ 39	1.3	2.4	2.8	1.5	.6																										111	111	76	54
38/ 37	.8	3.4	2.4	1.3	.2																										106	106	110	63
36/ 35	1.0	3.6	2.5	2.6	.4																										131	131	97	67
34/ 33	1.5	4.7	2.5	1.3																											131	131	145	104
32/ 31	.5	3.8	1.5	1.8																											100	100	108	95
30/ 29	.5	3.5	2.2	1.5																											98	98	129	80
28/ 27	.2	2.6	1.5	.4	.1																										62	62	93	74
26/ 25	.7	1.6	1.7																												52	52	92	99
24/ 23	.7	2.4	.7																												49	49	67	83
22/ 21	.3	1.4	.5																												28	28	42	79
20/ 19	.2	1.9	.9																												40	42	36	66
18/ 17	.2	.3	.2																												8	8	31	55
16/ 15	.1	.5	.2																												9	9	11	68
14/ 13	.1	.4																													6	6	11	41
12/ 11	.3	.2																													7	7	9	23
10/ 9																																		27
8/ 7																																		20
6/ 5	.1																														1	1	1	18
4/ 3	.2																														2	2	2	9
2/ 1																																		8
Element (X)	Σ x ²			Σ x			x̄			σ _x			No. Obs.			Mean No. of Hours with Temperature																		
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF
STATION STATION NAME

57-70

MAE

STATION

STATION NAME

YEARS

MONTH

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

HOURS: 11:30-1:30

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/LAVLSON AAF
STATION STATION NAME

57-79

MAI
MONTH

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

USAFETAC
FORM 0-26-5 (01 A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point										
78/ 77									.1									1	1											
76/ 75									.1				.1					2	2											
74/ 73									.1		.1							2	2											
72/ 71				.1		.2	.2	.1			.1							6	6											
70/ 69				.1	.1		.1	.2	.2	.2								9	9											
68/ 67				.2	.2		.2		.3									11	11											
66/ 65			.2	.2	.2	.2	.2	.2	.1									17	17	1										
64/ 63			.2	.4	.1	.2	.1	.4	.2	.1								20	20	1										
62/ 61		.1	.2	.1	.5	.2	.5	.2	.1									22	22	13	2									
60/ 59			.2	.3	.2	.6	.2		.1									21	21	12	5									
58/ 57		.3	.3	.2	.2	.8	.6											33	33	11	5									
56/ 55		.1	.3	.1	.6	.8	.3	.2	.1									33	33	22	10									
54/ 53	.1	.2	.5	.6	.8	.5	.5	.2										45	45	21	16									
52/ 51	.2	.2	.2	.5	.9	1.0	.5	.2										46	46	36	12									
50/ 49	.2	.4	.3	.8	1.8	1.8	.4	.1										76	76	29	16									
48/ 47	.1	.9	1.2	1.6	1.8	.6	.5											88	88	48	28									
46/ 45	.3	1.8	.5	2.2	2.3	.9	.4											111	111	63	15									
44/ 43	.2	.9	.9	2.8	1.9	1.1	.2											104	104	77	28									
42/ 41	1.1	1.6	1.3	2.7	3.1	.7												140	140	117	66									
40/ 39	.2	2.0	1.3	2.5	2.2	.5												114	114	120	61									
38/ 37	.6	2.5	1.2	1.8	2.1	.2												109	108	133	62									
36/ 35	.5	1.9	1.2	2.3	1.4													95	95	147	91									
34/ 33	.5	.9	1.3	1.8	.7													67	67	119	108									
32/ 31	.1	.2	.8	1.8	.2													41	41	99	83									
30/ 29		.4	.3	1.0	.1													23	23	76	78									
28/ 27		.2	.5	.8	.1													20	20	48	82									
26/ 25	.3	.2	.6	.2														17	17	38	63									
24/ 23		.1	.5	.2														10	10	23	74									
22/ 21		.7	.8															13	13	17	78									
20/ 19			.2															3	3	18	64									
18/ 17			.1															1	1	6	53									
16/ 15																				4	43									
14/ 13																					41									
12/ 11																					36									
Element (X)	Σ X ²			Σ X			Σ			Σ X			No. Obs.			Mean No. of Hours with Temperature														
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																														
Wet Bulb																														
Dew Point																														

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

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

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

MAR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
84/ 83												.1							1	1								
82/ 81													.2						2	2								
80/ 79							.1	.2	.1	.1	.2	.1	.1						8	8								
78/ 77								.1	.2	.2	.1	.1							8	8								
76/ 75					.1		.1	.1	.4	.2	.1	.2	.1						15	15								
74/ 73						.1	.4	.2	.2	.4	.3	.1							21	21								
72/ 71				.1		.3	.2	.2	.2	.1	.4								20	20								
70/ 69					.3	.2	.1	.5	.5	.5									26	26								
68/ 67			.2	.2	.3	.2	.2	.6	.4	.3	.3								35	35	2							
66/ 65				.1	.1	.4	.2	.7	.4	.7									32	32	4							
64/ 63				.2	.1	.3	.3	.8			.1								23	23	8							
62/ 61		.2	.1	.1	.3	.3	.4	.8	.2	.3									35	35	17							
60/ 59		.1	.2	.2	.3	.5	.8	.5	.2	.2									37	37	27							
58/ 57		.1	.1	.2	.3	.5	.8	1.1	.3										45	45	30							
56/ 55				.3	.8	.8	1.2	.8	.2										52	52	25							
54/ 53		.1	.1	.3	.8	1.4	1.6	.8	.2										67	67	39							
52/ 51		.1	.2	1.0	.5	2.0	1.8	.5											78	78	43							
50/ 49		.4	.6	.9	1.1	2.1	1.9	.2											88	88	48							
48/ 47	.1	.8	1.1	.7	1.8	2.6	1.4	.1											111	111	56							
46/ 45	.3	1.3	.8	1.2	2.0	1.4	.6												99	99	94							
44/ 43	.2	.9	.8	1.5	1.9	2.3	.3												104	104	103							
42/ 41	.2	1.3	1.0	1.0	1.5	1.5													86	86	124							
40/ 39	.2	1.8	.7	.8	2.1	.5													80	80	142							
38/ 37	.2	1.3	.4	1.1	1.8	.4													68	68	131							
36/ 35	.8	.7	.3	.9	.9	.1													51	51	111							
34/ 33	.3	1.1	.3	.5	.5														35	35	80							
32/ 31		.5	.4	.8	.3														27	27	75							
30/ 29		.2	.3	1.1	.1														22	22	59							
28/ 27		.3	.4	.3															13	13	22							
26/ 25		.2	.3	.2															8	8	27							
24/ 23			.1	.1															2	2	20							
22/ 21																					10							
20/ 19																					2							
18/ 17																												
Element (X)	Σ X ²				Σ X				X̄				e _x				No. Obs.				Mean No. of Hours with Temperature							
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																												
Wet Bulb																												
Dew Point																												

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

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MONTH

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0-26-5 (OL A)

FORM 1120-A

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03728 EORT BELVOIR VA/DAVISON AAF

57-70

MAR

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
84/ 83												.2		.1								3	3		
82/ 81									.2	.1		.2		.1								6	6		
80/ 79							.2	.2		.1	.2		.2									11	11		
78/ 77							.2	.2	.2		.3	.2	.2									14	14		
76/ 75							.1	.3	.3	.2	.2	.3	.2	.1								20	20		
74/ 73						.1	.3	.2	.5	.2	.2	.2										22	22		
72/ 71						.2	.4	.3	.3	.2	.3	.2										24	24		
70/ 69				.1		.1	.4	.2	.7	.3	.4	.1										31	31		
68/ 67			.1		.2		.1	.2	.5	.2												16	16		4
66/ 65					.1	.2	.7	.3	1.3	.2	.3											40	40		5
64/ 63		.2	.2	.2	.1	.4	.3	.5	.8	.2	.2											39	39	11	2
62/ 61					.2	.2	.3	.4	1.1	.6												37	37	19	4
60/ 59		.1		.3	.3	.8	.7	.8	.8	.2												53	53	29	7
58/ 57			.2	.5	.5	.8	.9	1.2	.9	.1												60	60	21	6
56/ 55		.1		.2	.6	.8	1.6	1.6	.3	.1												70	70	24	7
54/ 53			.2	.4	.6	1.1	2.2	1.2	.2													77	77	50	15
52/ 51		.3		1.0	.6	.5	1.9	.3														61	61	47	17
50/ 49		.2	.6	.5	1.8	2.3	1.5	.4														96	96	63	17
48/ 47		.6	.8	.8	.6	1.5	1.7															77	77	59	21
46/ 45	.1	1.0	1.1	1.4	1.2	1.9	.8															98	98	98	21
44/ 43	.5	1.1	1.4	1.2	1.2	1.8	.6															99	99	116	59
42/ 41	.5	1.4	.8	1.1	1.8	1.2																92	92	136	59
40/ 39	.2	1.1	.6	.7	1.2	1.2																65	65	139	48
38/ 37	.2	.8	.8	.8	1.8	.4																63	63	105	74
36/ 35	.2	1.0	.3	.2	.5																	28	28	91	78
34/ 33	.8	1.2	.2	.3	.6																	40	40	109	92
32/ 31	.3	.4	.3	1.0	.3																	30	30	68	71
30/ 29		.1	.2	.8	.1																	15	15	39	78
28/ 27		.1	.2	.2																		6	6	16	88
26/ 25		.3	.2																			7	7	32	68
24/ 23																								13	68
22/ 21																								4	72
20/ 19																									66
18/ 17																									70
Element (X)	Σ x ²			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

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

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

MAR

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
80/ 79											.1								1	1							
78/ 77											.1								1	1							
76/ 75									.2	.2		.1	.1						7	7							
74/ 73								.2	.2	.1		.1	.1	.1					8	8							
72/ 71							.2	.3	.2	.2	.1								11	11							
70/ 69						.1	.2	.5		.1	.2								14	14							
68/ 67				.1	.2	.2	.2	.2	.2	.2	.2	.1							16	16							
66/ 65		.1	.1		.2	.2	.3	.5	.2	.1									21	21							
64/ 63		.1	.3	.2	.3	.3	.2	.4	.1	.1									25	25	1						
62/ 61		.2	.1	.5	.1	.5	.2	.2	.3	.2									29	29	14						
60/ 59	.1	.2	.2	.2	.2	.5	.5	.3	.3	.1									33	33	21						
58/ 57		.2	.5	.5	.3	.4	.8	.8	.2										47	47	20						
56/ 55		.5	.2	.4	.5	.5	.8	.7											48	48	29						
54/ 53		.2	.2	.7	.5	1.0	1.5	.4	.2										62	62	30						
52/ 51		.2	.3	.8	1.1	1.2	1.5	.2											69	69	33						
50/ 49			.5	1.2	.8	1.7	.8												66	66	37						
48/ 47	.1	.3	1.1	1.2	2.1	1.2	.2	.2											83	83	49						
46/ 45		1.6	1.0	1.7	1.5	1.5	.3												99	99	66						
44/ 43	.2	1.5	1.8	1.7	1.8	1.9	.2												118	118	101						
42/ 41	.5	2.1	1.5	1.5	2.5	1.1													119	119	136						
40/ 39	.3	1.2	1.2	1.6	2.3	.6													95	95	138						
38/ 37	.2	1.7	.8	2.0	1.5	.3													85	85	116						
36/ 35	.3	1.8	1.1	1.5	1.2														77	77	103						
34/ 33	.8	1.8	.9	1.4	.3														68	68	123						
32/ 31	.4		.7	.9	.1														27	27	102						
30/ 29	.1	.2	.8	1.2	.1														31	31	65						
28/ 27		.2	.6	.5															17	17	38						
26/ 25		.2	.2	.5															11	11	30						
24/ 23	.1	.5	.2																9	9	24						
22/ 21		.3																	4	4	18						
20/ 19			.1																1	1	7						
18/ 17																					1						
16/ 15																											
14/ 13																											
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ						
Rel. Hum.																											
Dry Bulb																											
Wet Bulb																											
Dew Point																											
																					Mean No. of Hours with Temperature						
																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

PSYCHROMETRIC SUMMARY

57-70

MAP

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

57-70

MAR
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF
STATION STATION NAME

57-70

PAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93720 FORT BELVOIR VA/DAVISON AAF

57-70

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE																PRESSURE (F)										TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-1	15-16	17	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										
78/ 77																			1	1										
76/ 75																			3	3										
74/ 73																			4	4										
72/ 71																			10	10										
70/ 69																			15	15										
68/ 67																			19	19	3									
66/ 65																			33	33	6	3								
64/ 63																			31	31	22	13								
62/ 61																			40	40	31	18								
60/ 59																			52	52	42	24								
58/ 57																			70	70	40	25								
56/ 55																			64	64	62	51								
54/ 53																			68	68	52	43								
52/ 51																			80	80	72	52								
50/ 49																			70	70	73	51								
48/ 47																			86	86	61	57								
46/ 45																			109	109	89	72								
44/ 43																			112	112	92	68								
42/ 41																			95	95	110	65								
40/ 39																			81	81	124	90								
38/ 37																			43	43	93	91								
36/ 35																			57	57	93	67								
34/ 33																			41	41	62	68								
32/ 31																			32	32	46	94								
30/ 29																			23	23	42	77								
28/ 27																			11	11	25	67								
26/ 25																			5	5	11	58								
24/ 23																			3	3	5	22								
22/ 21																					3	29								
20/ 19																						25								
18/ 17																						11								
16/ 15																						11								
14/ 13																						2								
Element (X)	Σ x ²				Σ x				Σ				Σ x				No. Obs.				Mean No. of Hours with Temperature									
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																														
Wet Bulb																														
Dew Point																														

USAFETAC FORM 0-26-5 (OL A) JUL 64

REVISOR PREVIOUS EDITIONS OF THIS FORM

JOETE

PSYCHROMETRIC SUMMARY

APR
MONTH

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

[illegible]

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92728 FORT BELVOIR VA/DAVISON AAF

57-70

YEARS

APR
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
76/ 75									.1									1	1						
74/ 73							.2		.2									4	4						
72/ 71					.2	.1			.1									4	4						
70/ 69				.1		.1												2	2						
68/ 67		.2	.2		.3		.2	.2	.1	.1								15	15						
66/ 65	.1	.3	.2	.6	.2	.3	.2	.2										28	28	4	3				
64/ 63	.1	.6	.6	.2	.3		.2											27	27	15	6				
62/ 61	.2	1.2	.8	.2	.1	.1												32	32	18	15				
60/ 59	.5	1.4	.5	.6	.7	.3												49	49	52	23				
58/ 57	.2	1.0	1.4	.6	.5	.2	.1											56	56	28	32				
56/ 55	.4	2.0	.9	.6	.2	.6	.3	.1										64	64	50	46				
54/ 53	.4	1.6	.9	.7	.2	.2	.1											52	52	61	32				
52/ 51	.8	1.9	1.9	.7	.2		.2											72	72	67	62				
50/ 49	.3	1.5	1.8	1.1	.4	.4												70	70	63	41				
48/ 47	.5	2.1	1.7	1.1	.6	.2												76	76	69	64				
46/ 45	.6	3.2	1.7	1.5	1.2	.2												105	105	81	59				
44/ 43	.9	2.8	1.6	1.0	1.0	.2												92	92	91	78				
42/ 41	.8	2.9	1.7	.9	1.4	.1												98	98	92	83				
40/ 39	1.0	2.5	2.0	1.8	.5													98	98	95	78				
38/ 37	.2	2.7	1.4	1.0	.2													72	72	83	74				
36/ 35	.7	2.8	1.5	.4														68	68	100	77				
34/ 33	.2	2.6	.8	.2	.1													50	50	90	61				
32/ 31	.4	2.9	.5	.2														50	50	71	76				
30/ 29	.4	1.7	.4	.2														33	33	51	81				
28/ 27	.4	.6	.3															17	17	28	79				
26/ 25	.2	1.1																17	17	27	58				
24/ 23		.2																3	3	8	42				
22/ 21		.2																2	2	3	28				
20/ 19		.1																1	1	3	25				
18/ 17																					12				
16/ 15																					17				
14/ 13																					2				
12/ 11																					2				
10/ 9																					2				
Element (X)	Σ X ²		Σ X		Σ		Σ _x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

3

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MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01-A)

MEMO

USAFETAC

3

3

APP

MONTH

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

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

3

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APR

MONTH

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

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

PSYCHROMETRIC SUMMARY

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L, S, T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

WOMEN

USAFETAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF
STATION STATION NAME

27-70

APR

STATION

STATION NAME

YEARS

MONTH

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

HOURS (L, S, T)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

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					
96/ 95														.1				1	1						
94/ 93												.1	.1	.1				3	3						
92/ 91								.2		.1		.2	.4					11	11						
90/ 89									.2		.1	.2			.1			7	7						
88/ 87									.2		.1	.1	.1	.2				8	8						
86/ 85									.2	.2	.2	.2	.6	.2				19	19						
84/ 83								.1	.1	.2	.9	.2	.4	.3	.1			31	31						
82/ 81							.1	.4	.1	.6	.2	.3	.4	.1	.1			28	28						
80/ 79					.1	.2	.3	.2	.9	.4	.6	.2	.2	.1				40	40						
78/ 77						.1	.2	.2	.2	.4	.5	.7	.2					29	29		2				
76/ 75				.2	.2	.2	.6	.6	.5	.6	.7	.3	.1					49	49		3				
74/ 73				.1	.2	.2	.2	.6	.2	.3	.6	.1						27	27		3 2				
72/ 71			.1	.2	.3	.4	.5	.7	.3	.9	.2							45	45		9				
70/ 69				.3	1.1	.2	.7	.5	.6	.6	.6							58	58	10	3				
68/ 67		.1	.2	.7	.2	1.0	.3	.2	1.0	.5	.1							54	54	30	4				
66/ 65		.5	.7	.7	.4	.5	.6	1.3	.8	.4	.4							79	79	24	6				
64/ 63		.1	.6	.2	.3	.7	.2	1.7	1.4	.6	.1							74	74	69	12				
62/ 61		.4	.3	.6	.8	.6	.9	1.7	.8	.6								84	84	68	17				
60/ 59		.6	.2		.5	1.3	1.4	1.0	1.0	.4								81	81	71	36				
58/ 57	.1	1.1	.3		.3	.7	1.4	1.1	.8									74	74	74	55				
56/ 55		.5	.4	.5	.7	1.0	1.6	1.1	.2									74	74	87	53				
54/ 53	.1	.6	.6	.6	.6	1.4	1.7	.6	.1									80	80	65	43				
52/ 51	.2	.5	.4	.2	.6	1.8	1.3	.2										66	66	73	51				
50/ 49	.2	1.5	.6	.3	.7	1.0	1.1	.5										75	75	113	52				
48/ 47	.3	1.3	.6	.1	1.2	1.3	.6	.1										67	67	110	58				
46/ 45		1.3	.1	.3	.5	1.0	.1											41	41	103	65				
44/ 43	.3	.6	.3	.2	.4	.2												27	27	118	59				
42/ 41	.4	.4	.3	.2														17	17	81	74				
40/ 39	.2	.2																6	6	74	60				
38/ 37		.1		.2														3	3	41	63				
36/ 35		.1		.1														2	2	24	96				
34/ 33																					64				
32/ 31																					59				
30/ 29																					52				
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total		
Rel. Hum.											≤ 0 F		> 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

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

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

APR

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
96/ 95														.1					1	1					
94/ 93													.1	.2					3	3					
92/ 91										.1	.1	.2	.1	.1					6	6					
90/ 89									.1	.1	.1	.1	.2		.2				10	10					
88/ 87									.2	.1	.3	.2	.2	.2	.2				17	17					
86/ 85									.1	.2	.3	.6	.3	.7	.2				31	31					
84/ 83									.3	.1	.4	.6	.2	.5	.2				28	28					
82/ 81								.2	.4	.6	.6	.2	.2	.4	.5				38	38					
80/ 79						.1	.2	.2	.2	.2	.7	.6	.8	.2					40	40					
78/ 77				.2		.2	.2	.2	.6	.4	.2	.6	.2						34	34					
76/ 75					.2	.3		.3	.2	.2	.3	.6	.1						26	26	1				
74/ 73		.1			.1	.2	.3	.4	.4	1.0	.6	.5							46	46	3				
72/ 71		.1	.1	.3	.6	.8	.2	.3	.8	1.0	.4	.2							61	61	12	2			
70/ 69			.1	.4	.2	.5	.5	.7	.7	1.0	.6	.1							60	60	16	4			
68/ 67		.1	.9	1.0	.3	.4	.7	.3	1.1	.8	.5	.1							77	77	32	3			
66/ 65		.1	.5	.4	.4	.8	.4	.6	1.8	.7	.7								84	84	41	7			
64/ 63		.2	.2	.4	.6	.3	.4	1.7	1.2	.9	.2								75	75	66	16			
62/ 61		.2	.1	.2	.2	.2	1.0	1.6	1.5	.3									67	67	69	28			
60/ 59		.6	.9	.1	.3	.8	1.3	1.0	1.4	.2									82	82	58	37			
58/ 57		.4	.2	.1	.7	1.0	1.1	1.3	.6										70	70	59	45			
56/ 55		.3	.6	.2	.3	1.2	1.0	1.1	.4										64	64	115	43			
54/ 53	.2	.1	.6	.6	.7	.5	2.3	.6	.2										81	81	54	43			
52/ 51		.8	.7	.4	.6	.8	2.1	.9											79	79	75	56			
50/ 49		1.3	.3	.3	.4	1.2	1.2												60	60	130	41			
48/ 47	.3	1.0	.2	.2	.3	1.0	.3												42	42	120	60			
46/ 45		1.1	.2	.6	.1	.5	.1												33	33	103	63			
44/ 43	.2	.5	.6	.2		.1													19	19	97	52			
42/ 41	.6	.9	.1		.1														15	15	89	54			
40/ 39	.3			.1	.2														7	7	75	70			
38/ 37		.1		.1															2	2	34	90			
36/ 35		.2																	2	2	5	71			
34/ 33																					3	69			
32/ 31																					3	61			
30/ 29																						48			
Element (X)	Σ x ²			Σ x			Σ			σ _x			Nc. Obs.			Mean No. of Hours with Temperature								Total	
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

3

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APR
MONTH

PAGE 2 ~~1500-1700~~
HOURS 11 11

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USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

APR
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						1	1					
90/ 89												.1						1	1					
88/ 87										.1					.1			2	2					
86/ 85											.1							1	1					
84/ 83									.2	.2	.2	.2	.3					13	13					
82/ 81							.1	.2	.1	.3	.2	.5	.2					19	19					
80/ 79						.1	.2	.2	.3	.4	.4	.3						23	23					
78/ 77				.1		.1	.1	.3	.3	.5	.5	.2	.2					27	27					
76/ 75					.1	.4	.2	.4	.3	.2	.4	.3						29	29					
74/ 73			.1	.1	.1	.2	.4	.5	.3	.3	.3	.2	.1					33	33					
72/ 71			.1	.3	.2	.4	.3	.2	.4	.3	.2							31	31	2				
70/ 69		.2	.4	.6	.5	.3	.2	.6	.6	.4	.2							51	51	8	4			
68/ 67		.3	.4	1.2	.2	.6	.8	1.0	.7	.2	.1							69	69	16	1			
66/ 65		.3	.8	.4	.4	.4	.8	.3	.8	.2	.1							57	57	24	7			
64/ 63	.1	.6	.2	.6	.6	1.0	1.0	.4	.9	.6	.1							75	75	58	17			
62/ 61		.6	.2	.6	.5	.9	.6	1.3	.9	.2								73	73	59	21			
60/ 59	.2	.6	.3	.5	.3	1.5	1.0	1.3	.3	.2								77	77	62	47			
58/ 57	.1	.7	.6	.5	.8	1.0	1.5	1.4	.2									85	85	60	33			
56/ 55		.2	.5	.7	1.0	1.5	1.4	.9	.2									81	81	76	37			
54/ 53	.5	.7	1.0	.6	.9	1.1	1.4	.2										82	82	74	35			
52/ 51	.2	.6	1.4	.6	1.3	1.5	.8	.3										85	85	79	45			
50/ 49	.5	1.0	.4	1.0	2.1	2.1	.7	.2										102	102	95	58			
48/ 47	.4	1.5	.2	1.2	1.3	1.8	.3											81	81	116	73			
46/ 45	.2	1.1	.9	.7	.9	.6												55	55	113	38			
44/ 43		1.0	.3	.7	.7	.6												42	42	103	82			
42/ 41	1.0	.6	.5	.3	.3	.2												37	37	122	79			
40/ 39	.2		.2	.6	.3													16	16	85	60			
38/ 37	.1	.1		.2														5	5	50	67			
36/ 35	.2	.2																4	4	35	76			
34/ 33	.1			.1														2	2	17	80			
32/ 31			.1															1	1	4	57			
30/ 29																				1	70			
28/ 27																				1	60			
26/ 25																					54			
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

PSYCHROMETRIC SUMMARY

57-70

YEARS

APR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

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YEARS

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APR
MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B. W.D.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	Dry Bulb	Wet Bulb	Dew Point												
82/ 81										.1								1	1													
80/ 79									.1	.1								2	2													
78/ 77										.1	.1							2	2													
76/ 75						.2	.2	.1	.1	.2								11	11													
74/ 73					.2	.3	.1	.4	.1	.2								16	16													
72/ 71					.4	.3	.4	.3	.1	.2				.1				22	22													
70/ 69	.1			.3	.2	.1	.2	.1	.2	.1		.1						16	16	1	1											
68/ 67			.6	.6	.6	.2	.2	.2										33	33													
66/ 65	.2	.6	.6	.5	.2	.5	.1	.1	.1	.1								35	35	13	2											
64/ 63	.3	1.0	1.3	.8	.6	1.0	.6	.3	.2									77	77	37	13											
62/ 61	.2	.4	.6	1.0	.9	.5	.3	.3	.2	.1								55	55	41	25											
60/ 59	.2	1.1	.4	1.4	1.1	.5	.5	.1										65	65	52	32											
58/ 57	.3	1.2	.6	.8	.6	.8	.2	.3										60	60	58	45											
56/ 55	.2	.7	.7	1.0	.9	1.2	.8	.3										72	72	52	38											
54/ 53	.5	.6	1.5	.9	1.4	1.2	.5	1										84	84	70	38											
52/ 51	.2	1.9	1.3	1.3	1.4	.6	.8											92	92	69	39											
50/ 49	.2	1.1	1.0	2.1	1.4	.8	.1											84	84	84	50											
48/ 47	.6	1.0	1.7	1.7	2.2	.9	.2											106	106	74	85											
46/ 45	.3	2.2	1.7	2.7	1.5	.6	.1											116	116	101	72											
44/ 43	.4	2.4	1.8	1.7	1.4	.2												100	100	136	71											
42/ 41	.5	1.4	1.4	1.6		.2												64	64	103	76											
40/ 39	.7	1.1	1.2	.8	.2													52	52	123	79											
38/ 37		.5	1.1	.7	.2													31	31	93	78											
36/ 35	.2	.6	1.1	.2	.1													28	28	55	99											
34/ 33		.8	.7															19	19	40	68											
32/ 31		.2	.2															6	6	32	67											
30/ 29		.3	.2	.1														8	8	16	63											
28/ 27			.1															1	1	5	72											
26/ 25		.1																1	1	3	60											
24/ 23																				1	25											
22/ 21																					24											
20/ 19																					16											
18/ 17																					10											
16/ 15																					3											
El...	ΣX ²			ΣX			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature																
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																																
Wet Bulb																																
Dew Point																																

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 2 2100-2300
HOURS (L. J. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

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

[illegible]

0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93778 EIGHT BELVOIR VA/DAVISON AAF

57-70

MAY

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
84/ 83								.1										1	1						
80/ 79							.2	.1										4	4						
78/ 77				.1	.2	.1	.1											5	5						
76/ 75			.1	.3	.4	.2	.2	.2										17	17						
74/ 73			.6	.4	.2	.2	.2	.1	.1									22	22						
72/ 71		.1	.8	.8	.5	.3	.3	.1										37	37	6					
70/ 69		1.0	1.2	1.0	.6	.4	.3											59	59	19	4				
68/ 67	.1	1.6	1.1	.8	.7	.5	.2	.3										68	68	48	27				
66/ 65	.5	2.0	2.0	.8	1.2	.5	.2											94	94	64	55				
64/ 63	.2	2.8	1.9	1.7	.9	.5	.1											107	107	78	55				
62/ 61	.2	3.2	1.8	2.3	1.2	.3	.4	.2	.2									127	127	71	66				
60/ 59	.4	1.8	1.8	2.1	1.2	.4	.5											107	107	123	74				
58/ 57	.5	3.8	2.5	1.5	.6	.8	.5											133	133	99	92				
56/ 55	.4	2.5	1.4	.8	1.0	.5	.2											89	89	142	93				
54/ 53	.4	2.4	1.1	1.0	.9	.2	.3											81	81	109	110				
52/ 51	.4	2.6	2.6	.7	1.0	.7												104	104	96	100				
50/ 49	.2	2.2	.7	.8	.5	.2												59	59	91	100				
48/ 47	.2	2.6	1.1	.5	.5	.3												67	67	104	74				
46/ 45	.2	1.5	.4	.8														38	38	77	114				
44/ 43	.1	1.3	.2	.1	.2													24	24	55	59				
42/ 41	.1	.8	.4	.2	.1													19	19	38	54				
40/ 39	.1	.8	.2	.2														16	16	41	47				
38/ 37		.5	.2	.1														11	11	12	45				
36/ 35		.4																5	5	14	28				
34/ 33	.1			.1														2	2	7	32				
32/ 31	.1	.2																3	3	3	23				
30/ 29																				3	15				
28/ 27																					11				
26/ 25																					8				
24/ 23																					3				
22/ 21																					1				
20/ 19																					2				
18/ 17																					1				
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

57-70

MAY
MONTH

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

[illegible]

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

MAY

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL																																										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																																											
92/ 91												.1						1		1																																													
90/ 89											.1	.2						4		4																																													
88/ 87									.2	.3	.2							10		10																																													
86/ 85						.1	.2	.2	.5	.2	.2	.1	.2					23		23																																													
84/ 83					.2	.2	.2	.8	.2	.3	.2	.2	.1					31		31																																													
82/ 81					.2	.4	.8	.2	.3	.1	.2							29		29																																													
80/ 79				.2	.7	.8	.8	.5	.2	.3	.1							46		46																																													
78/ 77				.5	.5	.4	1.1	.5	.4	.4	.2	.1						53		53																																													
76/ 75			.1	.5	.8	1.1	1.2	.3	.5	.4	.4							67		67	5																																												
74/ 73			.4	.5	1.2	.7	1.5	.9	.8	.4								83		83	14																																												
72/ 71		.1	.9	.8	1.2	1.3	1.5	.8	.3	.2	.2							95		95	31	7																																											
70/ 69		.5	.8	.9	1.4	1.6	1.2	.9	.8	.2								110		110	75	20																																											
68/ 67	.1	.9	.9	.8	1.5	2.0	1.9	.9	.4	.3								127		127	71	41																																											
66/ 65		.2	1.0	.9	2.2	1.3	.8	1.5	.2	.2								112		112	89	48																																											
64/ 63		.8	.5	1.5	1.0	.8	1.2	.8	.2									90		90	88	49																																											
62/ 61		.8	.7	1.1	.6	1.0	1.7	.4	.3									85		85	109	94																																											
60/ 59	.2	1.3	1.2	.8	.5	1.2	.7	.7	.2									86		86	134	71																																											
58/ 57	.4	.7	.4	.8	.3	.9	.7	.5	.1									62		62	142	87																																											
56/ 55		.8	.7	.5	.8	1.1	.5	.2										59		59	109	95																																											
54/ 53	.2	1.0	.8	.3	.4	1.0	.3											51		51	80	107																																											
52/ 51	.2	.4	.8		.2	.8	.2											34		34	99	83																																											
50/ 49	.1	.5	.5		.2	.2	.1											20		20	81	63																																											
48/ 47	.2	.4	.2															9		9	69	97																																											
46/ 45		.5				.1												7		7	42	74																																											
44/ 43					.2	.1												3		3	34	66																																											
42/ 41					.2													2		2	17	54																																											
40/ 39																					4	49																																											
38/ 37																					1	41																																											
36/ 35																					3	26																																											
34/ 33																					2	22																																											
32/ 31																						17																																											
30/ 29																						26																																											
28/ 27																						21																																											
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																																																																	

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

PSYCHROMETRIC SUMMARY

MAY
MONTH

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

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

MAY

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
96/ 95													.2						2	2		
94/ 93											.2	.1	.1						5	5		
92/ 91										.2	.1	.4	.4						15	15		
90/ 89							.1		.2	.3	.5	.2	.1						27	27		
88/ 87							.2	.8	.5	.6	.5	.3	.1	.1					38	38		
86/ 85					.1	.2	.3	.9	.5	.8	.6	.2	.4						51	51		
84/ 83						.2	1.1	.8	.5	.6	.5	.4	.2	.2					58	58		
82/ 81						.2	1.0	.5	.3	1.2	.3	.8	.2						59	59		
80/ 79					.3	.9	.8	1.1	1.2	1.3	.8	.5		.1					90	90		
78/ 77				.2	.5	.7	.7	1.2	1.0	.9	.6	.4	.2						82	82	2	
76/ 75				.4	.9	1.1	1.2	1.2	1.1	.7	.5	.2	.1						95	95	15	
74/ 73				.6	.9	.9	1.8	1.8	.8	.5	.5								103	103	21	1
72/ 71		.4	.3	.8	.8	1.5	1.2	1.7	.8	.7	.2	.2							110	110	55	5
70/ 69		.3	.3	.1	1.0	1.3	1.5	1.2	1.8	.4	.5								110	110	97	12
68/ 67		.3	.3	.7	.8	.2	.8	1.2	.8	.4									75	75	90	48
66/ 65		.2	.7	.5	.2	.4	.8	1.5	.7	.1	.1								68	68	96	52
64/ 63	.2	.5	.5	.2	.5	.4	.9	1.5	.3	.3									67	67	107	66
62/ 61	.2	1.0	.9	.5	.4	.6	.5	.7	.5	.1									64	64	158	65
60/ 59		.4	.4	.5	1.1	.5	1.2	.7	.1										62	62	131	93
58/ 57		.2	.8	.2	.2	.4	.8	.4	.1										38	38	85	80
56/ 55	.1	.7	.2		.2	.4	.2	.1											23	23	88	108
54/ 53	.2	.4	.5	.2		.1		.1											19	19	104	95
52/ 51		.5	.3			.2													13	13	87	77
50/ 49	.2	.5	.6	.1	.1	.1	.1												20	20	58	89
48/ 47		.2	.1			.1													4	4	56	74
46/ 45		.1																	1	1	20	67
44/ 43					.1														1	1	13	64
42/ 41				.1	.1														2	2	3	63
40/ 39																					2	49
38/ 37																					2	35
36/ 35																					2	40
34/ 33																					1	38
32/ 31																						22
30/ 29																						9
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

PSYCHROMETRIC SUMMARY

57-70

YEARS

MAY
MONTH

PAGE 2 1200-1400
HOURS 11 8 7 1

[illegible]

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON CAP

67-70

YEARS

MAY
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
98/ 97														.2																			3	3			
94/ 93														.2																			3	3			
92/ 91													.1	.1	.1	.3	.2	.2	.1														13	13			
90/ 89								.1	.2	.1	.2	1.0	.9	.1	.2	.3																	40	40			
88/ 87								.2	.6	.2	.4	.8	.5	.2		.1																	37	37			
86/ 85								.6	.6	.7	.7	.5	.6	.2	.1																		55	55			
84/ 83							.2	.7	.8	.5	1.5	.8	.2	.2	.1																		64	64			
82/ 81							.2	.5	1.2	.5	1.0	1.2	.7	.6																			76	76			
80/ 79				.2		.5	1.2	.8	.4	.9	.7	.3	.2																				66	66			
78/ 77			.2	.2	.5	1.3	.1	.8	1.5	1.2	1.0	.5	.3																				98	98	2		
76/ 75			.2	.7	.8	.5	.8	1.7	1.2	.9	.8	.2	.2																				102	102	9		
74/ 73		.1	.9	.4	1.0	.7	1.7	1.3	1.5	1.2	.5	.4																					125	125	31	1	
72/ 71		.2	.5	.7	.8	.8	1.2	.9	1.9	1.2	.5																						114	114	44	8	
70/ 69		.3	.5	.5	.4	1.2	1.2	.9	.8	.6	.2																						88	88	100	23	
68/ 67		.4	.8	.8	.7	.5	.4	.9	1.1		.1																						73	73	107	47	
66/ 65		.2	.5	.2	.8	.4	.5	1.1	.9	.5																							66	66	95	43	
64/ 63	.1	.5	.7	.4	.3	.5	.7	.5	.8	.3																							60	60	117	70	
62/ 61	.2	.7	.4	.3	.7	.8	.5	1.3	.5																								70	70	142	71	
60/ 59	.1	.5	.4	.2	.3	.6	.5	.8	.1																								43	43	137	91	
58/ 57		.6	.7	.2	.2	.2	.2	.4																									33	33	102	61	
56/ 55	.2		.5	.2		.2		.2																									17	17	97	100	
54/ 53	.2	.3	.1			.2		.1																									10	10	95	95	
52/ 51	.1	.8	.2			.1																											14	14	73	78	
50/ 49		.8	.5	.1																													17	17	48	102	
48/ 47		.2	.2																														4	4	58	64	
46/ 45		.2	.1																														3	3	23	81	
44/ 43		.2																															2	2	12	66	
42/ 41					.2																												3	3	3	62	
40/ 39																																			1	50	
38/ 37																																				40	
36/ 35																																			3	30	
34/ 33																																				28	
32/ 31																																				23	
30/ 29																																				28	
Element (X)	Σ X'			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

YAY

PAGE 2 1500-1700
HOURS (1, 2, 3)

[illegible]

USAFETAC FORM 0-2& 5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

97-70

YEARS

DAY
MONTH

PAGE 1

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
94/ 93													.1					1	1							
90/ 89												.1						1	1							
88/ 87												.2	.1					4	4							
86/ 85						.1	.1	.2	.2	.2	.2			.1				13	13							
84/ 83					.1	.3	.5	.2	.3	.3	.3	.1	.1					24	24							
82/ 81				.1	.2	.7	.6	.2	.5	.4	.2	.1						38	38							
80/ 79				.1	.3	.5	.8	.4	.9	.6	.2	.2	.1					53	53							
78/ 77			.2	.3	.6	1.0	.8	.7	.5	.4	.1		.1					61	61							
76/ 75			.1	.6	1.8	.6	.8	1.1	.9	.5	.1							85	85	3						
74/ 73		.2	.3	.6	1.2	.9	1.1	.8	.6	.4	.2	.3						87	87	10	2					
72/ 71		1.0	.8	1.0	.5	1.8	1.0	1.3	.8	.2								109	109	40	5					
70/ 69		.9	1.2	1.2	1.5	1.8	1.0	.8	.6	.4		.1						122	122	61	21					
68/ 67	.3	1.5	1.2	1.2	2.2	.7	1.2	1.0	.3	.2								129	129	104	55					
66/ 65	.1	.7	.7	.9	1.2	1.2	1.2	.8	.6	.2								93	98	99	68					
64/ 63		.6	1.0	1.8	1.3	1.0	.7	.8	.2		.1							96	96	103	79					
62/ 61		1.1	.6	1.4	.8	.6	.5	.3	.1	.1								80	80	130	58					
60/ 59	.2	.8	.8	1.0	1.3	1.0	.4	.2	.1									74	74	138	79					
58/ 57		.9	.9	.9	.6	.9	.5	.2										65	65	117	90					
56/ 55	.2	.7	.5	.5	.9	.3	.4	.2										48	48	113	113					
54/ 53	.2	.5	.4	.5	.5	.4	.2	.2										38	38	104	92					
52/ 51		.8	.2	.3	.2	.4	.2											25	26	70	96					
50/ 49		1.1	.1	.4	.1	.2												23	23	71	89					
48/ 47		.5	.2	.1	.1													10	10	54	90					
46/ 45		.2		.1														4	4	35	66					
44/ 43		.3																4	4	22	56					
42/ 41		.1	.1	.2	.1													6	6	15	52					
40/ 39																				6	52					
38/ 37																					31					
36/ 35																				4	24					
34/ 33																					18					
32/ 31																					24					
30/ 29																					9					
28/ 27																					8					
26/ 25																					7					
Element (X)	Σ X ¹			Σ X			Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.													≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																										
Wet Bulb																										
Dew Point																										

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

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						
82/ 81										.1								1	1								
80/ 79								.2	.2	.1	.1							7	7								
78/ 77				.1	.2	.2	.3	.2	.1									13	13								
76/ 75				.4	.3	.2	.2	.2	.1	.1								18	18								
74/ 73		.2	.7	.8	.6	.6	.4	.3				.1						48	48								
72/ 71		.3	.9	.8	.7	.2	.4	.1	.2									48	48	5	1						
70/ 69		1.5	1.8	.9	.6	.5	.2	.1	.1	.1								74	74	29	6						
68/ 67	.5	1.3	2.5	1.4	.9	.4	.3	.2										97	97	62	48						
66/ 65	.4	2.8	2.8	1.5	.7	.4	.3	.2	.1									120	120	90	55						
64/ 63	.2	2.5	1.0	1.7	1.0	.5	.4	.2										107	107	97	67						
62/ 61	.2	2.5	1.0	1.8	1.2	.8	.5	.2										115	115	116	90						
60/ 59	.3	1.6	3.2	1.7	1.1	.5	.5			.1								116	116	99	94						
58/ 57	.4	2.0	2.7	1.6	.7	.9	.1		.1									110	110	98	81						
56/ 55	.2	2.2	2.3	1.2	.8													84	84	123	101						
54/ 53	.2	3.1	1.8	1.1	.6	.2	.2											92	92	117	91						
52/ 51	.2	1.9	1.3	.8	.5	.1	.1											63	63	114	113						
50/ 49	.2	1.9	1.0	.8	.3	.2	.1											59	59	100	99						
48/ 47	.1	1.2	.8	.5	.1	.1												35	35	74	97						
46/ 45	.2	1.2	1.2	.5	.2		.1											43	43	46	72						
44/ 43	.1	.7	.5	.2														18	18	46	58						
42/ 41	.1	.5	.5		.1													15	15	39	56						
40/ 39	.1	.2	.3	.2														10	10	22	45						
38/ 37		.1	.2															4	4	9	44						
36/ 35		.1																1	1	6	25						
34/ 33		.1																1	1	6	15						
32/ 31																				1	13						
30/ 29																					12						
28/ 27																					6						
26/ 25																					3						
24/ 23																					3						
18/ 17																					1						
16/ 15																					1						
14/ 13																					1						
10/ 9																					1						
Element (X)	ΣX ²				ΣX				X̄				σ _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 64

USAFETAC

PSYCHROMETRIC SUMMARY

57-70

MAY
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1111
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

JSAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

57-70

YEARS

31122
MONTH

PAGE 1 0300-0500
HOURS (L, S, T, J)

[illegible]

3

Notes: 1)

57-70

YEARS

JUN
MONTH

HOURS 11-5 P.M.

USAFETAC FORM 0-26.5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	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	1						
94/ 93							.1		.2	.1	.1							6	6						
92/ 91								.2	.1	.1		.1						6	6						
90/ 89						.1	.6	.9	.6	.2	.1							30	30						
88/ 87						.6	.5	1.2	.6	.2								37	37						
86/ 85					.2	1.0	1.6	1.2	.2	.2	.1							55	55						
84/ 83				.1	1.3	1.9	1.3	1.0	.6	.3								81	81						
82/ 81				.8	1.5	1.7	1.3	.8	.2	.2								83	83	1					
80/ 79			.1	1.5	2.2	2.8	1.7	.7	1.0	.1	.1							128	128	4					
78/ 77			.3	2.3	2.1	2.3	1.7	1.7	.5	.5	.1							143	143	31					
76/ 75		.1	1.3	1.8	2.6	2.3	1.4	1.0	.5	.1								140	140	72					
74/ 73		.2	1.0	1.0	2.0	1.7	2.2	1.7	.4	.2								142	142	120					
72/ 71		.4	.6	.6	1.9	2.2	1.4	1.0	.2	.1								107	107	152					
70/ 69	.1	.6	1.2	1.1	1.9	1.3	1.8	.5	.2									108	108	144					
68/ 67		.5	.6	.8	1.1	.8	.6	.3										60	60	128					
66/ 65		.3	.6	.5	.3	.6	.6	.2	.1									41	41	115					
64/ 63		1.1	.3	.6	.8	.1	.6	.1										44	44	123					
62/ 61		.4	.1	.4	.3	.3	.1											20	20	133					
60/ 59		.1	.5	.4	.1	.2												15	15	84					
58/ 57		.2	.3	.2	.1	.1												11	11	61					
56/ 55			.1		.1													2	2	47					
54/ 53																				23					
52/ 51																				16					
50/ 49																				6					
48/ 47																									
46/ 45																									
44/ 43																									
42/ 41																									
40/ 39																									
38/ 37																									
36/ 35																									
TOTAL	.1	3.8	7.9	12.1	18.5	19.9	17.5	12.5	5.2	2.2	.4	.1						1260	1260	1260					
																		1260		1260					
Element (X)	Σx²			Σx			x̄		σx		No. Obs.		Mean No. of Hours with Temperature												
Ref. Hum.	5091181			78267			62.113		5.01		1260		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	7255557			95191			75.5		7.131		1260						80.5		60.9		26.6		.5		90
Wet Bulb	5591057			83559			66.3		6.283		1260						46.6		16.3		.1				90
Dew Point	4779533			76947			61.1		7.993		1260						27.9		2.5						90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

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				
100/ 99											.2		.1					3	3						
98/ 97										.2	.2							5	5						
96/ 95									.1	.6	.3	.2						13	15						
94/ 93							.1	.2	.7	.8	.6		.1	.1				32	32						
92/ 91							.2	1.0	.7	.7	.2	.2						39	39						
90/ 89						.3	.6	1.7	1.9	.6	.7	.4						78	78						
88/ 87					.2	.4	1.7	2.1	2.1	1.1	1.0							108	108						
86/ 85				.1	.2	1.3	2.5	2.1	1.4	.0	.5	.2						115	115						
84/ 83					.6	2.0	2.7	2.0	1.5	1.3	.5							133	133						
82/ 81				.2	1.2	1.6	1.6	1.5	1.3	1.3	.4	.1						116	116	2					
80/ 79				.2	1.0	1.2	2.2	1.3	1.8	.9	.5	.1						115	115	23	1				
78/ 77			.2	.6	.6	1.0	1.8	.9	1.6	1.2	.4							107	107	59	4				
76/ 75			.3	1.0	.5	1.3	1.7	1.6	2.7	1.0	.4							132	132	117	12				
74/ 73			.4	.4	.6	.5	.8	.5	1.0	.2	.2							56	56	152	42				
72/ 71		.2	.6	.3	.5	.4	1.3	.5	.7	.2								61	61	132	86				
70/ 69		.5	.4	.5	.7	.6	.4	.3	.2									44	44	131	108				
68/ 67		.3	.2	.4	.2	.6	.9	.3	.1									36	36	133	148				
66/ 65		.6	.2	.1	.2	.3	.1		.1									19	19	114	115				
64/ 63		.6	.4	.2	.3		.1	.1										22	22	99	82				
62/ 61		.2	.1	.2	.2	.1		.1										10	10	94	110				
60/ 59		.1	.3	.1	.1	.1	.1											9	9	84	82				
58/ 57		.2	.2															5	5	62	94				
56/ 55																				43	69				
54/ 53																				8	71				
52/ 51																				2	61				
50/ 49																				4	44				
48/ 47																				1	40				
46/ 45																					39				
44/ 43																					25				
42/ 41																					10				
40/ 39																					8				
38/ 37																					4				
36/ 35																					4				
34/ 33																					1				
Element (X)	Σx ²		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

YEARS

11N
MONTH

PAGE 2 1200-1460
HOURS (L. S. I.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA / JAVISON AAF

57-70

YEARS

 JUN
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point				
100/ 99											.2	.1						3	3					
98/ 97									.2	.2	.3	.1	.2					13	13					
96/ 95									.1	.2	.1	.2	.1					8	8					
94/ 93							.1		.8	.8	.1	.3	.1					27	27					
92/ 91						.1	.1	.6	1.3	.6	.9	.2						47	47					
90/ 89					.1	.3	.6	1.8	2.3	1.0	.8	.3		.2				94	94					
88/ 87					.1	1.0	1.7	2.2	1.0	1.5	1.3	.2						112	112					
86/ 85						1.3	2.5	2.7	2.1	1.3	.6	.1	.1					135	135					
84/ 83			.1	.1	.5	1.5	1.5	1.8	1.1	2.2	.6	.3	.2					125	125					
82/ 81			.1	.3	.9	1.6	1.6	1.4	1.0	.8	.5							102	102	6				
80/ 79				.6	1.1	1.0	1.7	1.8	1.7	1.0	.6	.1						121	121	19				
78/ 77		.1	.2	1.0	.4	1.0	1.4	1.3	2.2	1.7	1.3	.1						134	134	59				
76/ 75			.5	.6	.5	.3	1.3	1.7	1.4	.5	.2	.1						90	90	116				
74/ 73		.2	.5	.4	1.0	.1	.6	.6	.8	.2								55	55	149				
72/ 71		.6	1.0	.3	.6	.2	3	.4	.2	.2								47	47	143				
70/ 69	.1	.8	.6	.6	.2	.9	.6	.6	.1									59	59	149				
68/ 67	.2	.6	.2	.1	.5	.2	.2	.2	.2									30	30	135				
66/ 65	.1	.6	.2	.2	.2	.2	.2											19	19	114				
64/ 63		.2	.3	.2	.2			.2										15	15	105				
62/ 61	.1	.4	.1															7	7	86				
60/ 59		.2	.2		.1													7	7	81				
58/ 57		.2	.5															9	9	58				
56/ 55		.1																1	1	23				
54/ 53																				10				
52/ 51																				4				
50/ 49																				3				
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
40/ 39																								
38/ 37																								
36/ 35																								
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 67 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

1111
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

57-70

YEARS

1111
MONTH

PAGE 1 1800-2000

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
98/ 97										.1								1	1					
96/ 95										.1								1	1					
94/ 93							.1	.2		.1	.1							5	5					
92/ 91						.1	.1	.2										5	5					
90/ 89						.2	.1	.6	.1	.2	.1							16	16					
88/ 87					.1	.6	.5	.6	.4	.2	.1							29	29					
86/ 85					.8	1.7	1.3	.6	.7	.2	.2							70	70					
84/ 83			.1	.4	1.5	1.7	1.2	1.0	.5	.3	.2							87	87					
82/ 81			.2	1.0	1.7	2.1	1.8	1.0	.9	.2	.1	.1						113	113	5				
80/ 79			.5	1.4	3.1	1.9	1.3	1.0	.4	.2								124	124	9	1			
78/ 77			.6	1.8	1.6	1.9	1.7	.5	.6	.4	.4							119	119	42	8			
76/ 75		.6	2.4	2.2	1.7	1.1	1.6	1.2	.6	.4	.1							150	150	70	21			
74/ 73		.7	1.4	.9	1.1	1.5	1.3	.8	.2									100	100	123	52			
72/ 71	.1	1.7	2.0	1.0	1.5	1.0	1.1	.5	.1	.2								114	114	168	87			
70/ 69	.2	1.4	2.1	2.1	1.2	1.8	.2	.4	.2									121	121	156	152			
68/ 67		1.0	1.1	.9	.9	.6	.6	.2	.2									68	68	142	143			
66/ 65	.3	1.0	1.3	.8	.4	.2	.2	.1										55	55	132	119			
64/ 62		.4	.7	.6	.6	.2												31	31	111	113			
62/ 61		.6	.3	.4	.2		.1											20	20	109	95			
60/ 59		.3	.6	.2														15	15	89	105			
58/ 57		.2	.2															4	4	41	88			
56/ 55		.4	.2		.1													8	8	40	60			
54/ 53			.2															3	3	15	82			
52/ 51																				3	51			
50/ 49			.1															1	1	4	24			
48/ 47																				1	20			
46/ 45																					18			
44/ 43																					7			
42/ 41																					8			
40/ 39																					2			
38/ 37																					4			
TOTAL	.6	8.2	14.0	13.8	16.4	16.7	12.9	8.7	4.8	2.6	1.1	.1						1260		1260				
																		1260		1260				
Element (X)	Σx ²		Σx		Σ		Σx		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	5799931		43273		66.1		5.344		1260		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	7233237		95035		75.4		7.199		1260						80.2		58.6		27.7		.5		90	
Wet Bulb	5726530		84604		67.1		6.025		1260						51.1		17.8		.6				90	
Dew Point	5005084		78812		62.5		7.638		1260						33.1		5.9						90	

PSYCHROMETRIC SUMMARY

57-70

PLANS

1111
MONITOR

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

[illegible]

PSYCHROMETRIC SUMMARY

57-70

YEARS

5 MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

57-70

YEARS

MONTE

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

[illegible]

PSYCHROMETRIC SUMMARY

57-70

YEARS

JUL
MONTH

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

[illegible]

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9372H EORT BELVOIR VA/DAVISON AAF

57-70

YEARS

JUL
MONTHPAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
98/ 97										.1								1	1																	
96/ 95										.2		.1						4	4																	
94/ 93										.4		.1						6	6																	
92/ 91									.3	.3	.2	.1						12	12																	
90/ 89						.1	.6	1.0	.7	.4								36	36																	
88/ 87				.1		.9	1.8	1.3	.6	.3	.1							67	67																	
86/ 85				.2	1.2	1.8	3.1	1.1	.8	.1	.1	.1	.1					110	110																	
84/ 83				.5	2.2	3.0	1.6	1.3	.5	.6	.1		.1	.1				127	127																	
82/ 81			.2	2.3	3.3	2.5	2.0	1.5	.4	.3	.1							162	162	1																
80/ 79			1.2	2.8	3.3	3.3	2.6	.8	.8	.5	.1							201	201	8	1															
78/ 77		.1	2.4	2.7	2.3	2.0	1.3	1.2	.8	.1	.1							168	168	73	2															
76/ 75		.7	2.5	2.0	2.6	1.8	1.2	.8	.5	.1	.1							162	162	145	40															
74/ 73		.6	1.8	1.1	1.5	.4	1.0	.4	.2	.2								92	92	244	89															
72/ 71	.1	1.0	.7	1.8	.9	.7	.3	.2	.2									76	76	211	172															
70/ 69		.4	.8	.7	.6	.2	.2	.1		.1								39	39	183	209															
68/ 67		.5	.6	.2	.1	.2	.1	.1										21	21	142	174															
66/ 65		.5	.1	.2		.2		.1										14	14	109	140															
64/ 63		.2				.2		.1										3	3	88	132															
62/ 61	.1																	1	1	49	104															
60/ 59																				25	53															
58/ 57																				9	52															
56/ 55																				6	44															
54/ 53																					2	28														
52/ 51																					2	26														
50/ 49																						13														
48/ 47																						8														
46/ 45																						5														
44/ 43																						2														
42/ 41																						3														
40/ 39																						3														
38/ 37																						1														
36/ 35																						1														
TOTAL	.2	3.9	10.1	14.5	18.0	16.9	15.9	10.2	6.3	3.1	.6	.2	.1					1302	1302	1302	1302															
Element (X)	Σ X ²			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.	5667443			83987			64.513.855			1302						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb	8216027			103175			79.2 5.550			1302								91.7	82.0	45.0		.8														
Wet Bulb	6439583			91355			70.2 4.773			1302								72.4	34.1	.1																
Dew Point	5655866			85390			65.6 6.541			1302								49.1	2.4	.1																

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

PSYCHROMETRIC SUMMARY

57-70

YEARS

111
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				
100/ 99											.1	.5	.2	.1				3	3					
98/ 97											.1	.5	.2					9	9					
96/ 95											.5	.6	.1	.1				16	16					
94/ 93								.1	.9	.8	1.2	.5	.2					47	47					
92/ 91							.5	.8	1.5	.9	.8	.1						61	61					
90/ 89					.1	.7	2.6	2.1	2.7	1.2	.3	.2						128	128					
88/ 87				.2	1.6	2.4	3.7	2.2	1.6	.8	.1							165	165					
86/ 85				1.2	1.6	3.5	2.5	2.2	1.3	1.5	.2							181	181					
84/ 83			.2	1.2	3.0	1.8	2.8	1.3	1.1	.7	.1							158	158					
82/ 81			.2	.8	1.9	1.6	1.5	1.8	1.9	1.1	.8	.2						153	153	1				
80/ 79		.3	1.2	1.7	1.3	1.7	1.5	1.3	.6	.4								130	130	43	1			
78/ 77	.2	.3	1.2	.6	.6	.8	.5	.8	.3	.5								80	80	121	5			
76/ 75	.5	.7	.8	1.1	.6	.5	.3	.2	.2	.2								66	66	178	52			
74/ 73	.6	.2	1.2	.5	.5	.1	.3	.1	.1									47	47	241	81			
72/ 71	.1	.5	.7	.3	.2	.1	.2		.2									28	28	186	143			
70/ 69		.3	.3	.2	.2	.1	.1		.1									15	15	171	184			
68/ 67		.2	.2	.1														6	6	124	164			
66/ 65		.3																4	4	110	142			
64/ 63		.4																5	5	53	129			
62/ 61																				41	91			
60/ 59																				20	81			
58/ 57																				10	70			
56/ 55																				2	41			
54/ 53																				1	25			
52/ 51																					29			
50/ 49																					17			
48/ 47																					13			
46/ 45																					11			
44/ 43																					3			
42/ 41																					6			
40/ 39																					4			
TOTAL	.1	3.1	2.9	6.0	9.0	11.8	15.7	16.2	15.4	9.7	8.1	1.7	.4					1302	1302		1302			
																		1302		1302				
Element (X)	Σx ²			Σx		Σ		Σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	4273611			72165		55.4		14.506		1302		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	9121873			108699		83.5		6.011		1302						92.4		88.9		71.5		5.4		93
Wet Bulb	6613228			92580		71.1		4.820		1302						76.1		41.7		.5				93
Dew Point	5550990			84522		64.9		7.017		1302						45.0		9.9						93

PSYCHROMETRIC SUMMARY

57-79

YEARS

111
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
100/ 99												.2	.2					5	5						
98/ 97											.3							4	4						
96/ 95								.1	.2	.3	.1	.2	.2	.1				14	14						
94/ 93								.2	.8	.7	1.1	.2	.1					39	39						
92/ 91							.8	1.0	1.4	1.6	.8	.5						79	79						
90/ 89						.9	2.2	2.3	2.6	1.1	.7	.2						130	130						
88/ 87					.2	1.1	2.1	2.2	2.9	1.9	1.2	.5	.1					160	160						
86/ 85				.1	.9	2.2	3.3	2.1	1.8	1.8	1.1	.4	.3					182	182						
84/ 83			.2	.3	.8	2.2	1.6	2.1	1.8	1.4	.8	.5	.1					150	150						
82/ 81			.2	1.0	1.5	1.5	2.4	.9	1.8	1.0	.7	.2						146	146	3					
80/ 79			.4	1.3	1.8	1.2	.5	1.8	.8	.9	.4	.2						123	123	48	1				
78/ 77		.1	1.1	.9	.8	1.0	.8	.8	.5	.5								83	83	95	12				
76/ 75		1.2	1.5	.7	1.0	.5	.3	.2	.4	.1								75	75	177	43				
74/ 73		.9	1.3	.5	.5	.6			.1	.1								51	51	243	93				
72/ 71	.2	.8	.5	.8	.1				.1									32	32	193	146				
70/ 69	.1	.8	.2	.1	.2													16	16	182	184				
68/ 67		.3																5	5	130	152				
66/ 65	.1	.2	.2															5	5	112	151				
64/ 63		.2																3	3	60	118				
62/ 61																				36	77				
60/ 59																				19	83				
58/ 57																				3	82				
56/ 55																				1	42				
54/ 53																					35				
52/ 51																					23				
50/ 49																					23				
48/ 47																					9				
46/ 45																					13				
44/ 43																					11				
42/ 41																					3				
38/ 37																					1				
TOTAL	.3	4.5	5.5	5.6	7.8	11.1	14.1	13.7	15.1	11.4	7.1	3.1	.9	.1				1302		1302	1302				
																		1302		1302					
Element (X)	Σx ²			Σx		Σ		Σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	4418098			72874		56.016.148		1302		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total			
Dry Bulb	9106749			108603		83.4		6.068		1302				92.4		88.6		70.6		4.4		93			
Wet Bulb	6613454			92598		71.1		4.631		1302				76.5		40.4		1.0				93			
Dew Point	5553504			84528		64.9		7.112		1302				45.1		10.6						93			

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
96/ 95									.2		.1							1	1					
94/ 93									.3	.2	.2	.1						2	2					
92/ 91							.2	.1	.3	.2	.2	.1						12	12					
90/ 89						.2	.6	.7	.5	.2	.2							30	30					
88/ 87					.3	.9	.6	1.2	.2	.5	.1							50	50					
86/ 85				.5	1.5	1.5	1.4	1.5	.5	.3	.2	.2						99	99					
84/ 83				1.3	1.7	2.8	1.7	1.0	.4	.5	.2	.1	.1					128	128					
82/ 81	.1	.8	1.7	3.3	1.4	1.8	.9	.9	.5	.1								149	149					
80/ 79		.2	2.2	3.5	2.1	2.6	1.9	.8	1.2	.5	.2							198	198	25				
78/ 77		.5	2.5	2.0	1.7	1.6	1.2	1.1	.3	.2								144	144	82 22				
76/ 75	.2	2.2	2.9	2.2	1.9	1.4	.9	.8	.5	.1								169	169	133 53				
74/ 73	.3	2.9	2.8	1.2	1.2	1.2	.3	.3										133	133	249 125				
72/ 71	.3	1.5	1.7	1.8	.7	.3	.3		.1									87	87	201 190				
70/ 69		1.6	1.7	.7	.3	.2	.2	.1										62	62	197 192				
68/ 67		.3	.5	.4	.2	.1												19	19	139 147				
66/ 65		.1	.5	.1	.2													10	10	132 141				
64/ 63	.1				.2													3	3	65 106				
62/ 61	.1	.2	.1															4	4	46 81				
60/ 59			.2															2	2	25 76				
58/ 57																				9 50				
56/ 55																				3 44				
54/ 53																				26				
52/ 51																				18				
50/ 49																				15				
48/ 47																				8				
46/ 45																				3				
44/ 43																				4				
42/ 41																				1				
TOTAL	.9	9.4	15.7	15.2	15.3	14.2	11.1	8.4	5.1	3.1	1.2	.3	.1					1302	1302	1302				

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

3

3

57-70

111
MONTH

STATION

STATION NAME

YEARS:

MONTH

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

2100-2300
MOURE (1. 6. 7)

USAFETAC FORM 0.26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

57-70

YEARS

AUG
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

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

[illegible]

3

2

AUG
MONTH

YEARS

●

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

PSYCHROMETRIC SUMMARY

57-70

YEARS

Aug
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

57-70

YEARS

1416

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	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	.1			.1				4	4				
96/ 95									.3	.2	.2	.1						10	10				
94/ 93									.2	1.0	.4	.5	.2	.1	.2			33	33				
92/ 91								.5	1.5	1.4	.7	.3	.2	.1				60	60				
90/ 89						.5	1.8	2.2	2.3	1.2	.7	.2						115	115				
88/ 87					.1	1.5	2.8	1.8	2.5	1.6	.4	.2						140	140				
86/ 85				.1	.5	3.0	2.2	2.6	1.5	1.2	.7	.1	.1					154	154				
84/ 83				.5	1.8	2.3	1.7	2.1	2.7	.8	.3							159	159				
82/ 81		.1	.1	1.2	1.5	1.5	2.5	3.1	1.8	.9	.2							168	168	3			
80/ 79			.5	1.3	1.6	1.6	1.2	1.5	1.1	.8	.1							128	128	31	1		
78/ 77		.1	.5	.5	1.5	1.2	1.9	1.3	2.2	1.0	.2							133	133	119	2		
76/ 75		.5	.2	.8	.2	.8	.6	1.1	1.1	.6								76	76	180	40		
74/ 73		.5	.6	.7	.6	.6	.2	.4	.5	.1								56	56	179	108		
72/ 71		.6	.7		.4	.2	.2	.2	.2									35	35	169	144		
70/ 69		.5	.2	.4		.2												16	16	197	142		
68/ 67			.4				.1											6	6	130	134		
66/ 65		.2					.1											4	4	101	153		
64/ 63		.2					.1											4	4	85	80		
62/ 61																				58	132		
60/ 59																				31	102		
58/ 57																				15	62		
56/ 55																				1	50		
54/ 53																				2	45		
52/ 51																					33		
50/ 49																					31		
48/ 47																					10		
46/ 45																					17		
44/ 43																					6		
42/ 41																					1		
TOTAL		2.8	3.2	5.4	8.3	13.3	15.9	17.9	18.6	9.7	3.5	.8	.2	.2				1301	1301		1301		
																		1301		1301			
Element (X)	Σ X²		Σ X		X̄		sₓ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	4260020		72208		55.5		13.932		1301		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	8923001		107469		82.6		5.918		1301						92.4		88.4		64.8		3.4		93
Wet Bulb	6492720		91664		70.5		5.143		1301						72.1		36.6		7				93
Dew Point	5441269		83601		64.3		7.293		1301						40.8		10.8						93

PSYCHROMETRIC SUMMARY

57-70

YEARS

AUG
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

57-70

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			
96/ 95												.1						1	1					
94/ 93									.2									2	2					
92/ 91							.2	.1		.2								7	7					
90/ 89						.6	.3	.2	.1	.1	.2	.2	.1					20	20					
88/ 87				.1	.2	.5	.5	.5	.4	.1	.1		.1					30	30					
86/ 85				.2	1.4	1.8	1.2	1.0	.5	.2	.3	.1						87	87					
84/ 83			.1	1.2	2.0	1.1	1.6	.9	.2	.3	.2							99	99	1				
82/ 81		.1	.6	2.6	2.2	1.5	.9	.8	.5	.3	.1							127	127		1			
80/ 79		.2	1.2	3.0	3.1	1.8	1.1	.4	.8	.3								154	154	24	2			
78/ 77		.7	2.7	3.2	1.9	2.0	1.4	.5	.2	.2								164	164	74	15			
76/ 75		1.2	3.4	3.4	2.3	1.5	1.3	.8	.4									187	187	130	63			
74/ 73	.2	1.8	3.3	1.7	1.2	1.2	.8	.4	.4	.1								144	144	167	128			
72/ 71	.5	2.0	2.0	1.5	1.0	.8	.3	.2	.1									110	110	239	147			
70/ 69	.3	1.0	1.2	1.1	.5	.6	.4	.2										69	69	191	181			
68/ 67		.8	.6	.5	.5	.4	.2											38	38	127	160			
66/ 65	.2	.5	.5	.2	.7	.1												26	26	113	126			
64/ 63	.3	.7	.3	.2	.4													24	24	96	112			
62/ 61		.2		.2	.2													7	7	62	85			
60/ 59		.1	.1															2	2	42	58			
58/ 57		.1	.2															3	3	25	73			
56/ 55																				9	51			
54/ 53																				1	36			
52/ 51																					30			
50/ 49																					19			
48/ 47																					8			
46/ 45																					5			
44/ 43																					1			
TOTAL	1.5	9.3	16.1	18.8	17.5	14.0	10.1	5.8	3.7	1.7	.8	.3	.2						1301		1301			
																		1301		1301				
Element (X)	ΣX ²		ΣX		X		ΣX		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	6651903		90958		69.9		15.015		1301		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
L. Bulb	7771125		100249		77.1		5.974		1301						88.6		73.1		33.2		.2		93	
Wet Bulb	6336466		90344		69.6		5.186		1301						68.1		28.3		.7				93	
Dew Point	5691009		85593		65.8		6.784		1301						49.8		14.9		.1				93	

PSYCHROMETRIC SUMMARY

37-70

YEARS

ALL
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

57-70

SEP
MONTH

PAGE 1 0000-0200
HOURS (1 5 1)

[illegible]

PSYCHROMETRIC SUMMARY

\$7-70

SEP
MONTH

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

[illegible]

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79			.2	.1														3	3					
78/ 77		.1	.5	.5	.2													15	15					
76/ 75	.2	.8	1.6	.6		.1												41	41	8	3			
74/ 73	.2	2.1	2.4	.5	.3	.2												74	74	27	15			
72/ 71	.5	2.9	1.2	.5	.2	.2												68	68	78	45			
70/ 69	1.0	3.2	1.4	2.2	.7	.4	.1											113	113	82	91			
68/ 67	1.0	3.4	1.7	.6	.6	.3	.1											98	98	80	83			
66/ 65	1.1	2.8	2.2	1.7	1.1	.6												120	120	86	77			
64/ 63	.8	2.7	1.5	1.7	.5	.2												92	92	96	79			
62/ 61	.9	3.0	1.7	1.0	.3	.1												89	89	90	75			
60/ 59	1.1	2.8	1.3	1.4	.2	.1												88	88	116	97			
58/ 57	.6	3.1	2.6	1.0	.4	.2												100	100	93	68			
56/ 55	1.2	2.9	1.8	.5	.1		.1											82	82	105	112			
54/ 53	.8	3.1	1.5	.6	.3													80	80	105	100			
52/ 51	1.2	2.0	.9	.2	.2													55	55	81	101			
50/ 49	.7	1.1	.5	.4														34	34	61	87			
48/ 47	.6	1.4	.5	.5														37	37	39	55			
46/ 45	.1	1.3	.4	.1														24	24	34	43			
44/ 43	.6	.9	.5															25	25	37	43			
42/ 41	.6	.1	.1															10	10	21	29			
40/ 39	.1	.5	.1															8	8	12	16			
38/ 37	.1	.1																2	2	5	21			
36/ 35		.2																2	2	2	11			
34/ 33																				2	7			
32/ 31																					2			
TOTAL	13.3	40.3	24.6	14.0	5.2	2.3	.2												1260		1260			
																		1260		1260				
Element (X)	Σ x ²		Σ x		X		x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	93223396		107384		85.2		1.673		1260		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	4874869		77601		61.6		8.712		1260				29.4	9.5	.1		90							
Wet Bulb	4446896		74084		58.8		8.501		1260				19.6	2.5			90							
Dew Point	4179777		71641		56.9		9.193		1260				.1	16.9	1.3		90							

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

JUL 64

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

9372B
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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					.1			.1										2	2						
88/ 87						.2	.4	.2	.1	.2								12	12						
86/ 85					.2	1.4	.6	.5	.2									38	38						
84/ 83				.4	1.3	.8	.6	.5	.3	.1								51	51						
82/ 81			.1	1.0	1.7	1.3	.5	.3	.3	.2								68	68	1					
80/ 79			.5	2.0	1.4	1.2	.6	.6	.6	.2	.2							92	92		1				
78/ 77		.3	1.2	1.4	.9	1.3	1.6	.7	.6	.4								107	107	16					
76/ 75		.3	1.5	.9	1.2	1.3	1.6	1.2	.6	.2								113	113	74	12				
74/ 73		.3	1.3	1.3	2.1	2.0	1.4	.8	.4									122	122	90	52				
72/ 71		.7	.8	1.0	2.4	1.3	1.7	.5	.5	.1								114	114	94	87				
70/ 69	.2	1.0	1.2	1.7	1.9	1.8	1.1	.5	.2									122	122	74	85				
68/ 67	.1	.7	1.0	1.1	1.2	1.5	1.1	.3	.1									89	89	107	68				
66/ 65	.1	.9	.9	1.1	1.1	1.2	.2	.5										74	74	117	79				
64/ 63	.6	.8	.8	1.0	1.3	1.0	.5	.2	.1									30	30	145	86				
62/ 61	.2	.2	.4	.6	1.1	.7	.3	.3										49	49	115	90				
60/ 59	.5	.5	.1	1.0	.6	.6	.6	.1										49	49	116	104				
58/ 57	.2	.3	.3	.5	.4	.5	.2											30	30	79	89				
56/ 55	.5	.5	.2	.4	.1	.6	.2											30	30	81	91				
54/ 53	.2	.2		.2	.2	.2												12	12	54	83				
52/ 51	.1	.2		.1	.1													6	6	35	79				
50/ 49																				29	70				
48/ 47																				16	52				
46/ 45																				12	36				
44/ 43																				3	20				
42/ 41																					24				
40/ 39																					12				
38/ 37																					12				
36/ 35																					13				
34/ 33																					11				
32/ 31																					3				
30/ 29																					1				
TOTAL	2.6	6.7	10.2	15.7	19.5	19.2	13.2	7.1	4.0	1.3	.2							1260	1260		1260				
																		1260		1260					
Element (X)	Σ x ²			Σ x			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.	5685470			82306			65.3			15.667			1260			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	6539678			90230			71.6			7.681			1260					66.4	43.2	15.6		90			
Wet Bulb	5176385			80213			63.7			7.453			1260					32.6	12.9	.1		90			
Dew Point	4445702			73870			58.6			9.554			1260					.3	21.8	4.6		90			

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)
FORM JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

57-70

YEARS

SEP
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

57-70

SEP
MONTH

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

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EMT BELVIER VA/DAVISON AAF

37-70

SEP
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point									
76/ 95							.1											1	1										
94/ 93									.1	.1	.2	.2						7	7										
92/ 91								.2	.4	.2	.2	.2	.1					16	16										
90/ 89							1.3	1.7	1.0	.6	.3	.1		.2				66	66										
88/ 87						1.2	2.0	1.1	1.7	1.0	.6	.1	.2					99	99										
86/ 85					.6	1.6	1.6	1.1	.6	.8	.4	.3	.1					89	89										
84/ 83				.4	.5	1.5	1.3	1.0	1.2	.5	.3	.1						85	85	1									
82/ 81			.1	.2	.2	.8	1.1	1.0	2.1	1.0	.6	.2						91	91										
80/ 79			.3	.4	1.2	.6	1.3	1.0	1.8	.7	.9	.1						105	105	5	1								
78/ 77		.1	.5	.7	.8	1.0	1.0	1.1	1.3	1.0	.1	.1						98	98	64									
76/ 75		.8	.5	.3	.8	1.7	1.8	1.6	1.2	.6	.2	.1						121	121	85	14								
74/ 73		.5	.4	.6	1.3	1.6	1.3	1.3	1.0	.2	.1							102	102	101	59								
72/ 71	.1	.2	.5	.7	1.2	.8	1.0	1.1	.7	.3								83	83	102	81								
70/ 69		.6	.7		.6	.9	1.0	.8	.8									67	67	92	69								
68/ 67	.4	1.0	.6	.2	.4	1.2	.8	.9	.6	.2								77	77	111	85								
66/ 65	.2	.5	.4	.3	.9	.3	.6	.6	.2									50	50	149	85								
64/ 63	.2	.3	.3	.4	.3	.3	.2	.6										33	33	130	94								
62/ 61	.2	.7	.5	.2		.5	.2	.1	.2									32	32	95	87								
60/ 59		.6	.1	.2	.1		.2											14	14	100	104								
58/ 57	.3		.1	.4	.1	.1												12	12	90	83								
56/ 55		.5																6	6	42	87								
54/ 53	.2	.2																6	6	45	78								
52/ 51																				33	75								
50/ 49																				9	53								
48/ 47																				1	59								
46/ 45																				5	42								
44/ 43																					30								
42/ 41																					21								
40/ 39																					14								
38/ 37																					19								
36/ 35																					11								
34/ 33																					3								
30/ 29																					3								
28/ 27																					2								
Element (X)	Σ X ²				Σ X				X̄				s _x				No. Obs.				Mean No. of Hours with Temperature								
Rel. Hum.																					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total		
Dry Bulb																													
Wet Bulb																													
Dew Point																													

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

PSYCHROMETRIC SUMMARY

97-70

SEP
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 1800-2000
HOURS (L E Y)

Temp. (F.)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL			
	C	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
92/ 91										.1								1	1														
88/ 87								.3			.2							6	6														
86/ 85					.5	.2	.2	.2	.1	.1			.1					17	17														
84/ 83				.5	1.0	.3	.4		.2	.1	.1			.1				33	33														
82/ 81			.5	1.3	1.0	.3	.2	.2										44	44														
80/ 79			1.3	1.8	.8	1.0	.2	.3	.2		.2							74	74														
78/ 77		.6	1.8	2.1	1.0	.8	.8	.1	.2	.1								93	93	29	4												
76/ 75		1.4	1.4	1.7	1.0	.5	.9	.3	.2									93	93	66	23												
74/ 73		1.3	1.5	1.0	1.6	.9	.2	.6	.2									89	89	87	72												
72/ 71	.1	1.4	2.2	1.3	1.7	1.0	.2	.2		.1								104	104	93	66												
70/ 69	.1	1.7	1.8	2.8	.9	.9	.2	.2	.1									108	108	91	95												
68/ 67	.1	1.8	1.7	2.6	1.0	.6	.2	.2										113	113	100	100												
66/ 65	.4	1.3	2.8	2.1	1.0	.7	.2											107	107	117	82												
64/ 63	.2	1.0	.9	1.6	.8	.3	.3											65	65	111	71												
62/ 61	.9	1.5	1.2	1.7	.8	.6	.1											85	85	130	112												
60/ 59	.2	2.6	1.2	.9	.8	.1	.2											75	75	94	113												
58/ 57	.2	1.3	1.5	.9	.1			.1										51	51	96	104												
56/ 55	.7	1.2	.6	.4	.2	.1												39	39	87	103												
54/ 53	.4	.9	.5	.3	.1		.1											28	28	60	70												
52/ 51		.9	.5	.2		.1												20	20	47	78												
50/ 49		.2	.1	.1	.1													6	6	21	47												
48/ 47	.1	.2	.1															5	5	15	37												
46/ 45		.2	.1															3	3	9	40												
44/ 43		.1																1	1	4	19												
42/ 41																				3	4												
40/ 39																					5												
38/ 37																					6												
36/ 35																					1												
34/ 33																					1												
30/ 29																					1												
28/ 27																					2												
TOTAL	4.1	19.5	21.7	23.3	14.0	8.5	4.3	2.6	1.1	.4	.4		.1					1260		1260	1260												
																		1260		1260													
Element (X)	Σx'			Σx			Σ			Σ _n			No. Obs.			Mean No. of Hours with Temperature																	
Rel. Hum.	74.57149			95203			75.614.475			1260			≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb	6072789			86817			68.9			8.496			1260						53.4			32.1			9.8						90		
Wet Bulb	5161175			80071			63.5			7.603			1260						33.3			13.0									90		
Dew Point	4676751			75985			60.3			8.660			1260						.2			25.7			7.1						90		

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

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

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/CAVISON AAF

57-70

OCT
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
74/ 73		.3																4	4					
72/ 71	.2	.3	.4	.2	.1	.1												16	16	8	4			
70/ 69	.1	.5	.2	.1	.2	.1												13	13	6	8			
68/ 67	.2	.5	.3	.2	.1	.3												20	20	13	10			
66/ 65	.2	1.4	.9															32	32	16	12			
64/ 63	1.1	1.1	.3	.6		.1												41	41	40	25			
62/ 61	.5	1.9	.2	.3														37	37	38	28			
60/ 59	1.1	2.6	.1	.9	.3													65	65	54	48			
58/ 57	.3	2.2	1.2	.5	.1	.2		.1										57	57	46	45			
56/ 55	.7	3.2	1.2	.5	.3		.1	.1										79	79	52	38			
54/ 53	1.6	3.6	1.6	1.0	.6	.2												113	113	90	78			
52/ 51	.7	3.1	2.2	.4	.1	.2												85	85	77	83			
50/ 49	.8	3.1	1.5	.5	.2													83	80	86	57			
48/ 47	.8	3.4	1.1	.5	.2													77	77	101	85			
46/ 45	1.3	3.5	1.5	.9	.1													96	96	96	92			
44/ 43	.9	3.1	1.1	.2	.2	.1												72	72	82	90			
42/ 41	.8	3.0	.8	.3	.3													69	69	84	68			
40/ 39	2.2	3.1	.7	.5	.1													85	85	88	85			
38/ 37	1.2	2.5	.5	.2														56	56	64	81			
36/ 35	1.7	3.0	.0															71	71	77	77			
34/ 33	1.2	2.5	.7	.1														57	57	68	66			
32/ 31	1.0	1.6	.1	.1														36	36	56	64			
30/ 29	.5	1.4	.2															26	26	29	55			
28/ 27	.3	.4	.1															10	10	23	40			
26/ 25	.2	.2																4	4	5	25			
24/ 23		.1																1	1	3	11			
22/ 21																					6			
20/ 19																					7			
18/ 17																					3			
16/ 15																					1			
TOTAL	19.45	1.4	17.4	7.8	2.8	1.2	.1	.1										1302	1302	1302	1302			
																		1302		1302				
Element (X)	Σx'		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.	9891141		112309		86.31		2.506		1302		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F			
Dry Bulb	3167003		62781		48.21		0.365		1302				5.5		3.8		.3							
Wet Bulb	2907212		60112		46.21		0.069		1302				8.3		1.9									
Dew Point	2677907		57325		44.01		0.879		1302				15.1		1.6									

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

93728 EORT BELVOIR VA/DAVISON AAF

97-70

YEARS

1 OCT
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														
76/ 75			.1	.1														2	2															
74/ 73		.4																5	5															
72/ 71		.3	.2	.1		.2												9	9		8	6												
70/ 69		.7	.1	.1	.1	.2												14	14		7	4												
68/ 67	.2	.8	.5	.3	.1													25	25		12	10												
66/ 65	.1	1.6	.4	.1	.1	.1		.1										34	34		21	20												
64/ 63	.8	1.5	.3	.5		.2												43	43		40	33												
62/ 61	.8	2.2	.4	.3	.1	.1												49	49		40	34												
60/ 59	.7	2.8	1.2	1.0	.2	.1												78	78		50	35												
58/ 57	.4	3.0	.8	.6	.2	.2												67	67		56	60												
56/ 55	.9	2.9	1.1	1.0	.1	.1												79	79		78	56												
54/ 53	.8	3.6	1.2	1.0	.5	.2	.1											97	97		75	78												
52/ 51	.8	4.4	1.8	.3	.5	.2	.2											106	106		94	71												
50/ 49	.2	3.1	1.3	1.0	.5													86	86		89	66												
48/ 47	.9	2.9	1.8	.8	.3													89	89		93	90												
46/ 45	.5	3.7	1.4	1.3	.2													91	91		87	77												
44/ 43	.6	2.8	.5	.9	.2													64	64		97	83												
42/ 41	.9	3.0	.8	.4	.3													70	70		86	91												
40/ 39	.8	2.2	.8	.8	.1													61	61		76	67												
38/ 37	1.0	2.7	.5	.1														55	55		58	78												
36/ 35	1.2	3.0	.9	.2														70	70		70	69												
34/ 33	.5	2.2	.4	.1														41	41		64	69												
32/ 31	.6	1.3	.2															27	27		47	65												
30/ 29	.6	1.3	.2															27	27		27	48												
28/ 27	.2	.5																8	8		16	36												
26/ 25	.1	.2																3	3		7	29												
24/ 23		.1																1	1		3	9												
22/ 21																						9												
20/ 19																						3												
18/ 17																						4												
16/ 15																						1												
TOTAL	13.8	53.2	17.1	11.0	3.3	1.3	.2	.1											1301			1301												
																			1301			1301												
Element (X)	Σ X ²			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																		
Rel. Hum.	9578239			110337			84.813.027			1301						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb	3275494			61920			49.110.191			1301								4.7	3.9	.5														
Wet Bulb	2984740			60942			46.810.002			1301								7.1	1.9															
Dew Point	2728426			37840			44.510.988			1301								14.6	1.4															

USAFETAC FORM 84
0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

JUL

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					
88/ 87										.1								1	1							
86/ 85											.1							1	1							
84/ 83						.1				.1								2	2							
82/ 81					.1	.1		.1	.1									4	4							
80/ 79				.1	.1	.1												3	3							
78/ 77			.1	.4	.1	.2	.4	.2	.2	.1								20	20							
76/ 75		.2	.2	.4	.5	.2	.2	.2			.1							26	26	2						
74/ 73	.2		.2	.3	.2	.8	.7	.2	.2									36	36	8	3					
72/ 71		.2	.4	.3	.4	1.1	.6	.2	.1									42	42	9	6					
70/ 69		.7	.8	.7	1.1	.8	.5	.3	.3	.2								71	71	17	11					
68/ 67	.1	.8	1.3	.9	.8	1.3	.8	.4	.2									85	85	34	19					
66/ 65	.1	.5	1.0	1.4	1.5	.8	1.1	.3	.1									88	88	43	29					
64/ 63	.2	1.5	1.2	1.5	.8	1.7	1.1	.5	.1									110	110	61	32					
62/ 61	.3	2.5	1.2	1.1	1.5	.8	1.1	.9	.1									123	123	100	45					
60/ 59	.2	.8	1.6	1.5	1.6	2.1	.9	.5										121	121	93	63					
58/ 57	.2	1.1	1.3	1.4	1.3	1.1	1.3	.4										109	108	100	77					
56/ 55	.3	.2	.8	1.5	1.9	1.9	1.0	.1										108	108	98	85					
54/ 53	.2	1.1	.6	2.1	1.5	1.8	.2											93	93	111	77					
52/ 51	.2	1.4	1.0	1.7	1.8	1.3	.2											99	99	95	70					
50/ 49	.3	.5	.5	1.0	.8	.9	.2											54	54	118	84					
48/ 47	.3	.3	.5	.5	.6	.7	.1											39	39	121	79					
46/ 45		.2	.4	.4	.8	.5												29	29	103	81					
44/ 43		.2	.2	.4	.2	.2												14	14	65	74					
42/ 41			.5	.4	.2	.1												14	14	46	78					
40/ 39		.1	.1		.2													5	5	26	70					
38/ 37			.1		.2													4	4	30	55					
36/ 35																				11	55					
34/ 33																				2	59					
32/ 31																				6	45					
30/ 29																				1	34					
28/ 27																					24					
26/ 25																					17					
24/ 23																					9					
22/ 21																					4					
Element (X)	Σ X ²			Σ X			X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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

PSYCHROMETRIC SUMMARY

37-70

Oct
MONTH

PAGE 2 0900-1100
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
20 / 19																					4
18 / 17																					6
16 / 15																					5
TOTAL	2.8	12.8	13.9	17.8	18.4	18.2	10.3	4.2	1.2	.4	.2								1300		1300
																		1300		1300	

PSYCHROMETRIC SUMMARY

OCT
MONTH

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
92/ 91													.1					1	1					
90/ 89											.1	.2	.1					4	4					
88/ 87									.2	.1	.2							6	6					
86/ 85							.2	.2	.1	.2		.1						9	9					
84/ 83						.2	.1	.1	.2	.4	.1							14	14					
82/ 81					.1	.2	.3	.2	.4	.3			.1					20	20					
80/ 79			.1	.2	.5	.6	.7	.2	.7	.2	.1		.2					44	44					
78/ 77		.1	.2	.2	.7	.5	.5	1.0	.4	.5	.2	.1						56	56					
76/ 75				.2	.4	.9	.8	1.2	.9	.4	.1							62	62	7	1			
74/ 73		.1	.1	.4	.9	.8	1.5	1.5	1.1	.5	.2							92	92	15	3			
72/ 71		.5	.6	.5	.6	1.2	.8	1.1	1.1	.3	.2	.1						89	89	16	8			
70/ 69		.5	.2	.7	.8	1.3	1.2	1.7	1.1	.7								106	106	42	19			
68/ 67		.2	.5	.7	.8	1.4	1.8	.9	1.0	.4								99	99	49	17			
66/ 65		.5	.7	.4	1.0	2.8	1.7	1.3	1.5	.2								131	131	63	29			
64/ 63		1.0	.5	.3	.6	1.0	1.2	1.9	1.2									100	100	82	39			
62/ 61		1.2	.2	.7	.5	.8	2.0	.8	.7									89	89	105	55			
60/ 59	.2	.7		.6	.7	1.5	1.5	1.4	.2									88	88	99	65			
58/ 57	.1	.5	.1	.7	.5	1.7	1.6	1.1										80	80	103	48			
56/ 55	.1	.7	.4	.5	.9	1.3	1.8	.2										78	78	130	71			
54/ 53	.1	.5	.4	.1	.7	1.3	.9	.2	.1									55	55	82	69			
52/ 51	.2	.6	.2	.2	.4	.4	.5	.2										35	35	124	84			
50/ 49	.1	.4	.2	.2	.1	.3	.2											19	19	102	79			
48/ 47	.5		.2	.1	.2	.2												15	15	102	82			
46/ 45				.1	.1	.1	.1											4	4	80	88			
44/ 43				.1		.1												5	5	49	47			
42/ 41						.1												1	1	19	72			
40/ 39																				19	62			
38/ 37																				8	67			
36/ 35																					59			
34/ 33																				5	56			
32/ 31																				1	63			
30/ 29																					44			
28/ 27																					26			
26/ 25																					14			
Element (X)	Σ x ²			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

3

YEARS

27-70

OCT
MONTH

HOURS (L. S. T.)

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

97-70

1967
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
92/ 91													.1					1	1						
90/ 89									.1			.1	.2					4	4						
88/ 87							.1	.2	.1	.2								8	8						
86/ 85						.1	.1	.1	.1	.2	.2							8	8						
84/ 83							.1	.2	.2	.2	.1							9	9						
82/ 81				.1	.2	.1	.2	.1	.5	.3	.1	.1						22	22						
80/ 79			.1	.2	.2	.6	.5	.4	.2	.2	.2	.2			.1			37	37						
78/ 77			.2	.6	1.0	.5	.5	.7	.5				.1					53	53						
76/ 75		.1		.2	.5	.5	.9	1.2	.7	.3	.2							61	61	5					
74/ 73		.2	.2	.5	1.2	.9	.9	1.9	1.0	.5								95	95	14	4				
72/ 71		.4	.6	.8	.8	1.5	.9	.9	.8	.8		.2						100	100	20	5				
70/ 69	.1	.2	.5	.9	.6	1.2	1.4	1.4	1.1	.4								101	101	37	19				
68/ 67		.3	.8	.8	1.3	1.2	1.1	.8	1.4	.4								103	103	51	23				
66/ 65	.2	.5	.2	.5	1.0	1.5	1.3	.8	1.5	.1								101	101	83	22				
64/ 63	.1	.7	.2	.7	1.2	1.0	1.5	1.3	1.5	.1								107	107	74	59				
62/ 61	.1	1.1	.5	.5	.7	1.4	1.4	1.3	.6									99	99	99	62				
60/ 59	.1	.8	.2	.5	1.6	.8	1.3	1.0	.2									86	86	115	49				
58/ 57		.4	.6	.7	.7	2.0	1.9	.5										89	89	100	71				
56/ 55	.1	.5	.7	.5	.5	1.2	1.4	.4										66	66	108	60				
54/ 53	.2	.6	.2	.7	.8	.8	1.1	.3	.2									62	62	99	69				
52/ 51		.7	.3	.2	.6	.8	.5	.1										40	40	114	84				
50/ 49	.2	.3	.2	.1	.3	.3												17	17	103	87				
48/ 47	.3	.4	.1	.1	.2	.4												13	18	101	73				
46/ 45			.1	.3	.2		.2											11	11	74	96				
44/ 43				.1		.2												3	3	40	55				
42/ 41						.1												1	1	28	59				
40/ 39																				21	59				
38/ 37																				10	61				
36/ 35																				2	58				
34/ 33																				3	62				
32/ 31																				1	47				
30/ 29																					33				
28/ 27																					29				
26/ 25																					15				
Element (X)	Σ X ²			Σ X			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature							Total		
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

57-70

YEARS

OCT
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

93728

FORT BELVOIR VA/DAVISON AAF

57-70

GCT

STATION

STATION NAME

YFARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

57-70

PAGE 2

[illegible]

PSYCHROMETRIC SUMMARY

57-70

547

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

2100-2300
HOURS 11 5 7 9

[illegible]

PSYCHROMETRIC SUMMARY

57-70

NOV
MONTH

PAGE 1 ~~0000-0200~~
HOURS (1 - 5 - 1)

[illegible]

PSYCHROMETRIC SUMMARY

57-70

NTIV
MONTH

PAGE 2 0000-0200
HOURS 11 5 13

[illegible]

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

57070

YEARS

NOV
MONTH

PAGE 1 ~~0300-0500~~
HOURS IL. S. T. J

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2 A)

FORM

USAFETYAC

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 2 0200-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EMDT BELVOIR VA/DAVISON AAF 57-70

N:1V
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B., W.B.	TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
72/ 71			.1															1	1																	
70/ 69		.1	.1															2	2																	
68/ 67		.1	.2															4	4		3															
66/ 65		.1	.3		.1													6	6		1															
64/ 63		.6	.3	.4														17	17		4															
62/ 61		.7	.2	.1	.2													14	14		15															
60/ 59	.6	.6	.1	.2	.2													21	21		23															
58/ 57	.2	1.8	.4	.3		.1												36	36		18															
56/ 55	.6	2.1	.5	.2	.1	.1												45	45		37															
54/ 53	.5	1.8	.4	.9	.8	.2												58	58		41															
52/ 51		1.3	1.1	.7	.2	.1												44	44		37															
50/ 49	.3	2.1	1.0	.5	.9	.2												62	62		34															
48/ 47	.3	2.4	.5	.5	.5	.2												55	55		61															
46/ 45	.4	3.0	1.4	.7	.4	.2												77	77		71															
44/ 43	.9	1.9	1.2	1.0	.4	.1												68	68		64															
42/ 41	.4	2.0	.9	.6	.4	.1												55	55		62															
40/ 39	.4	2.9	1.0	1.3	.7													80	80		60															
38/ 37	1.3	3.4	.6	1.3	.1													86	86		81															
36/ 35	1.6	2.6	1.6	.3	.2													79	79		93															
34/ 33	1.2	4.4	1.4	1.3														104	104		94															
32/ 31	.6	4.2	1.4	.9														90	90		97															
30/ 29	.6	4.8	.4	.1														75	75		101															
28/ 27	1.6	3.2	.6															67	67		100															
26/ 25	1.5	1.9	.3															47	47		65															
24/ 23	.7	1.4	.1															28	28		38															
22/ 21	.5	.6	.4															19	19		21															
20/ 19	.2	.3																7	7		14															
18/ 17	.1	.3	.2															8	8		7															
16/ 15	.1	.3																5	5		10															
14/ 13																																				
12/ 11																																				
10/ 9																																				
8/ 7																																				
6/ 5																																				
Element (X)	Σ x ²			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (OLA) JUL 64

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

57-70

YEARS

NOV
MONTH

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

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

NNV

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	
78/ 77									.1									1	1			
74/ 73				.2	.1													3	3			
72/ 71			.2	.2			.1		.1									7	7			
70/ 69		.1	.1	.2			.1		.1									6	6			
68/ 67			.3	.1				.2	.1									8	8	7		
66/ 65		.2	.3	.1	.2	.1	.2	.3										18	18	5	7	
64/ 63	.1	.4	.7	.2		.2	.3											24	24	7	5	
62/ 61	.4	.7	.6	.4	.6	.6	.5	.1										48	48	23	15	
60/ 59	.5	.6	.6	1.1	.5	1.1	.2	.2										61	61	22	23	
58/ 57	.2	1.7	1.3	.6	1.4	1.5	.3	.1										88	98	32	16	
56/ 55	.1	1.3	1.0	.6	2.0	.9	.2	.2										78	78	47	29	
54/ 53	.3	.8	.6	1.1	2.6	1.5	.2											91	91	62	33	
52/ 51		1.4	1.0	1.4	1.4	1.3	.7											95	95	49	44	
50/ 49	.4	1.4	1.9	1.6	1.6	1.6	.1											107	107	90	42	
48/ 47	.2	1.8	1.3	1.6	1.7	1.0	.1											96	96	91	40	
46/ 45	.1	1.4	1.7	1.4	2.1	.8	.1											96	96	113	44	
44/ 43	.8	.8	1.4	2.3	1.4	.6												91	91	110	76	
42/ 41	.2	1.0	1.3	1.7	1.4	.6												86	86	99	93	
40/ 39	.2	1.0	1.4	1.6	1.3	.3												74	74	98	69	
38/ 37	.2	1.1	.9	1.5	1.3													63	63	112	73	
36/ 35	.5	1.0	1.4	1.2	.2													53	53	88	106	
34/ 33		.8	.4	.8	.1													26	26	58	60	
32/ 31	.1	.8	.3	.4														20	20	70	82	
30/ 29		.2	.1	.2														6	6	39	87	
28/ 27		.1	.1	.2														4	4	17	71	
26/ 25	.1		.3															5	5	8	43	
24/ 23			.2															2	2	5	48	
22/ 21			.1															1	1	4	30	
20/ 19			.1															1	1	2	33	
18/ 17																				1	20	
16/ 15																					28	
14/ 13																					21	
12/ 11																					9	
10/ 9																					6	
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$					Total	
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

PSYCHROMETRIC SUMMARY

NEW
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7																					2
6/ 5																					3
4/ 3																					1
TOTAL	4.4	18.4	20.1	20.6	19.9	12.2	3.1	1.0	.3										1259		1259
																		1259		1259	

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93724 FORT BELVOIR VA/DAVISON AAF

27-70

NOV

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												
80/ 79									.2									2	2														
78/ 77						.2	.1		.1		.1							6	6														
76/ 75					.6				.1	.3								12	12														
74/ 73					.2	.1	.1	.1	.2	.3								12	12														
72/ 71			.1	.1	.1		.2	.2	.3	.2								15	15														
70/ 69				.1	.1	.2	.2	.5	1.0	.1								26	26														
68/ 67		.1	.3	.1	.6	.6	.2	1.1	.4	.2								45	45	10													
66/ 65		.4	.6	.7	.6	.2	.8	1.0	.2	.2								59	59	7	3												
64/ 63	.1	.7	.3	.3	.5	.8	1.2	1.1	.3	.2								69	69	20	11												
62/ 61	.2	.8	.5	1.0	1.0	.9	1.4	.6	.6									88	88	22	26												
60/ 59	.1	.6	.6	.7	1.1	1.3	2.5	.4	.3									98	98	42	17												
58/ 57		1.0	1.0	.4	.8	1.7	1.4	1.0	.1									91	91	44	20												
56/ 55		.8	.9	.6	1.1	2.1	1.9	1.0										105	105	80	24												
54/ 53		.8	.9	.3	1.7	2.5	1.3	.3										98	98	89	44												
52/ 51	.2	.5	1.1	1.0	1.0	2.2	1.0	.1										88	88	80	47												
50/ 49	.2	.8	1.1	.9	1.7	2.5	1.0											103	103	89	39												
48/ 47		.4	.2	.5	2.2	2.2	.5											75	75	121	40												
46/ 45	.1	.2		1.7	2.2	1.8	.2											79	79	111	55												
44/ 43	.4	.1	.5	.7	1.6	.9	.3											56	56	98	66												
42/ 41	.2	.2	.2	1.0	1.0	.7												41	41	95	75												
40/ 39	.1	.2	.4	.9	1.3	.7												46	46	106	61												
38/ 37	.2	.3	.2	.2	.5	.2												18	18	77	81												
36/ 35	.4			.3	.4													14	14	70	78												
34/ 33	.2	.1		.1	.1													6	6	37	72												
32/ 31		.2		.1														3	3	34	69												
30/ 29				.1														1	1	15	73												
28/ 27			.1	.1														2	2	6	70												
26/ 25			.1	.1														2	2	1	83												
24/ 23																				3	53												
22/ 21																				2	34												
20/ 19																					24												
18/ 17																					25												
16/ 15																					27												
14/ 13																					16												
Element (X)	Σ X'			Σ X			Σ			Σ			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature											
Rel. Hum.																			≤ 0 F			≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

PSYCHROMETRIC SUMMARY

93728
STATIC

FORT BELVOIR VA/DAVISON AAF
STATION NAME

67-70

YFABS

NOV
MONTH

PAGE 2

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

FORM
JUL 64

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

NOV
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				
80/ 79									.2									2	2					
78/ 77								.1	.1	.1								1	3					
76/ 75					.2	.2	.1			.2	.1	.1						11	11					
74/ 73					.2				.2	.2			.1					8	8					
72/ 71				.2	.1	.3	.2	.3	.4	.3	.1							23	23					
70/ 69				.1	.2	.1	.2	.6	.8	.1								24	24					
68/ 67			.4	.2	.6	.3	.2	1.1	.5	.2								45	45	5				
66/ 65	.1	.4	.7	.5	.5	.6	.6	.6	.8	.2								61	61	9	2			
64/ 63	.1	.8	.6	.4	.9	1.1	.8	.6	.3									70	70	19	9			
62/ 61		.4	.6	1.0	.6	.8	1.1	.6	.4	.3								73	73	27	23			
60/ 59		.7	.8	.6	1.3	.9	1.7	.4	.3									84	84	38	17			
58/ 57	.3	.6	1.1	.6	.7	1.8	1.4	.6	.1									93	93	48	25			
56/ 55		.9	1.0	1.0	1.4	2.0	1.4	.6										105	105	86	32			
54/ 53	.1	.6	.8	1.0	1.9	2.2	2.1	.4										113	113	82	42			
52/ 51	.5	.5	.3	.6	1.7	1.9	.7											77	77	90	51			
50/ 49	.2	.8	1.3	.9	1.6	2.8	.7											101	101	93	42			
48/ 47		.6	.1	1.1	2.6	1.2	.9											81	81	100	32			
46/ 45		.5	.6	1.1	2.5	1.7	.2											83	83	93	62			
44/ 43		.4	.3	1.2	1.3	1.3	.2											99	59	104	66			
42/ 41	.3	.6	.5	1.3	.9	.6												53	53	120	68			
40/ 39	.2	.1	.3	.5	1.2	.3												32	32	94	64			
38/ 37	.2	.6		.6	.6	.4												29	29	80	85			
36/ 35	.1			.2	.5													10	10	75	64			
34/ 33	.1	.1		.3	.3													10	10	27	85			
32/ 31	.1	.2	.1	.1	.1													6	6	31	66			
30/ 29				.1														1	1	18	71			
28/ 27				.2														2	2	13	63			
26/ 25																				4	76			
24/ 23			.1															1	1	2	46			
22/ 21																				2	46			
20/ 19																					34			
18/ 17																					23			
16/ 15																					22			
14/ 13																					17			
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											$\leq 0 F$		$\leq 32 F$		$\geq 67 F$		$\geq 73 F$		$\geq 80 F$		$\geq 93 F$		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

PSYCHROMETRIC SUMMARY

57-70

NO
MONT

PAGE 2 1500-1700
HOURS (11, 5, 11)

[illegible]

PSYCHROMETRIC SUMMARY

57-70

YEARS

NTV
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

57-70

YEARS

V.IV
MONTH

PAGE 2 1300-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EORT BELVOIR VA/DAVISON AAF 57-70

NOV
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
72/ 71				.1		.1												2	2					
70/ 69			.2	.4	.1	.1												10	10					
68/ 67			.1	.2	.1													4	4	1				
66/ 65	.2	.1	.3	.2	.1		.1											12	12	7	4			
64/ 63		.3	.2	.4	.2	.2	.1	.2										19	19	8	3			
62/ 61	.3	.7	.4	.8	.2	.2		.2										33	33	17	12			
60/ 59	.2	.9	.6	.2	.2	.6												36	36	25	24			
58/ 57	.2	1.0	.9	.3		.2	.1											32	32	19	14			
56/ 55	.5	1.6	.7	.1	.2	.3	.2											44	44	41	21			
54/ 53	.5	1.0	1.0	.4	.3	.2	.2											44	44	44	51			
52/ 51	.7	1.8	1.3	.7	.9													69	69	42	35			
50/ 49	.5	1.3	1.2	1.0	.9	.1												62	62	51	40			
48/ 47	.3	1.0	1.3	1.3	1.0	.2												64	64	61	34			
46/ 45	.2	.9	2.1	1.3	.2	.2												86	86	50	38			
44/ 43	.2	3.7	2.1	1.0	.8	.2	.1											102	102	85	47			
42/ 41	.8	3.7	2.1	1.2	.7	.1												108	108	127	66			
40/ 39	.2	2.9	1.7	2.5	.5	.1												99	99	88	86			
38/ 37	.8	2.5	1.7	1.5	.4													86	86	91	89			
36/ 35	.3	3.7	1.0	1.5	.1													83	83	97	86			
34/ 33	.3	2.7	1.2	.5	.2													61	61	105	100			
32/ 31	.6	3.7	1.0	.6														74	74	82	77			
30/ 29	.2	2.9	1.1	.8														64	64	81	68			
28/ 27	1.0	1.4	.6	.2														41	41	62	71			
26/ 25		.4	.2	.2														11	11	38	79			
24/ 23		.3	.3															8	8	18	64			
22/ 21		.2	.1															3	3	8	24			
20/ 19		.2																2	2	9	30			
18/ 17		.1																1	1	3	16			
16/ 15																					23			
14/ 13																					13			
12/ 11																					13			
10/ 9																					7			
8/ 7																					6			
6/ 5																					6			
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

3

YEARS

57-70

NOV
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
4 / 3 0 / -1																					2 1	
TOTAL	7.84	1.22	23.4	17.2	6.9	1.9	1.2	.4										1260	1260	1260	1260	

JSAFETAC FORM 0-26-5 (OLA)
REV 44
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

YEARS

DEC
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
62/ 61					.1													1	1														
60/ 59		.3		.1														5	5	3													
58/ 57	.1	.2					.1											4	4	2	4												
56/ 55	.3	.5	.1	.2	.2													15	15	7	7												
54/ 53	.2	.2	.1	.1	.2													10	12	11	2												
52/ 51	.3	.6	.2	.1	.2													17	18	8	6												
50/ 49	.2	.9	.4	.2	.2	.1												24	24	15	15												
48/ 47		.8	.5	.5	.2													26	26	16	7												
46/ 45		1.5	.5	.5	.2													34	34	25	12												
44/ 43	.3	1.4	.7	.5	.3	.1												43	43	39	34												
42/ 41	.9	1.5	.8	.8	.1													54	54	42	28												
40/ 39	.5	1.9	.9	.5	.5													56	56	50	27												
38/ 37	.6	2.2	1.9	2.1	.1													89	89	55	41												
36/ 35	1.2	2.9	1.2	.8	.5													85	85	70	55												
34/ 33	1.7	3.0	2.3	.8														101	101	94	69												
32/ 31	.8	4.3	2.2	1.2														110	110	101	59												
30/ 29	1.0	5.2	3.1	.8	.1													132	132	119	66												
28/ 27	.8	4.2	1.2	.4														85	85	129	79												
26/ 25	1.3	3.6	2.3	.2														97	97	117	88												
24/ 23	1.2	2.5	1.6	.2														73	73	84	108												
22/ 21	.8	2.2	.6															47	47	77	96												
20/ 19	.8	2.8	1.5															66	66	64	67												
18/ 17	.6	1.7	.2															32	33	54	80												
16/ 15	.8	1.1																25	27	38	78												
14/ 13	1.2	1.5	.2															38	38	29	45												
12/ 11	.3	1.0																17	17	28	45												
10/ 9		.2																2	2	10	40												
8/ 7	.1	.2																4	4	3	34												
6/ 5		.1																1	1	3	17												
4/ 3	.1	.1																2	2	2	39												
2/ 1	.1																	1	1	1	26												
0/ -1																					4												
-2/ -3																					7												
-4/ -5																					1												
Element (X)	Σ X ²			Σ X			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ		
Rel. Hum.																																	
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

0000-0200
HOURS - L. S. T. 1

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 EORT BELVOIR VA/DAVISON AAF

57-70

DEC
MONTH

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

Temp. (F)	WET BULB TEMPERATURE L. PRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-	18-20	21-22	23-24	25-26	27-28	29-30	31	D.S. W.B.	Dry Bulb	Wet Bulb	Dew Point	
62/ 61				.2														2	2			
60/ 59		.5		.2	.1													9	9	1		
58/ 57		.5		.1														7	7	6	3	
56/ 55	.2	.2																5	5	9	10	
54/ 53	.5	.1		.2														9	9	11	10	
52/ 51	.2	.2	.2	.2			.1											12	12	8	8	
50/ 49	.3	.5	.2	.2														13	18	9	8	
48/ 47	.1	.4	.2	.2	.1													25	25	15	5	
46/ 45	.5	1.0	.4	.2	.2	.1												30	30	34	26	
44/ 43	.2	.7	.9	.2	.2													28	28	12	21	
42/ 41	1.0	1.4	1.4	1.1	.5													70	70	35	22	
40/ 39	1.3	1.6	1.0	.9	.4													68	68	57	30	
38/ 37	.9	1.9	.8	1.2	.1													61	61	51	46	
36/ 35	1.1	2.5	1.7	.7														77	77	74	41	
34/ 33	1.6	2.5	1.7	.9	.1													88	88	87	48	
32/ 31	1.1	4.6	2.2	.6														110	110	104	69	
30/ 29	.9	4.9	3.2	.5														122	122	85	78	
28/ 27	1.0	4.2	2.2	.3														100	100	133	61	
26/ 25	1.4	3.6	1.5	.2														86	86	111	99	
24/ 23	1.2	3.3	1.1	.2														73	73	102	87	
22/ 21	1.1	2.3	1.7															66	66	59	93	
20/ 19	.8	2.6	1.2															59	53	69	95	
18/ 17	1.6	3.2	.4															67	68	77	66	
16/ 15	.5	.9	.1															15	21	46	74	
14/ 13	.8	1.7	.2															34	36	24	58	
12/ 11	1.1	.7	.1															24	24	37	51	
10/ 9	.5	.3																14	14	19	36	
8/ 7																				5	41	
6/ 5	.4	.1																6	6	6	25	
4/ 3	.1																	1	1	1	30	
2/ 1	.1																	1	1	1	24	
0/ -1	.2																	2	2	2	12	
-2/ -3																					8	
-4/ -5																					2	
Element (X)	ΣX^2			ΣX			$\bar{X}$			σ_x			No. Obs.			Mean No. of Hours with Temperature						
Rel. Hum.													$\leq 0 F$			$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total	
Dry Bulb																						
Wet Bulb																						
Dew Point																						

NOTE

REVISED PREVIOUS EDITIONS OF THIS FC

FORM 0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63		.1																1	1		
62/ 61		.1		.1														2	2	1	
60/ 59		.3	.1	.2														7	7	2	2
58/ 57	.3	.4		.2														12	12	9	7
56/ 55	.7	.5																9	9	10	8
54/ 53	.1	.4		.2														9	9	12	7
52/ 51		.2																3	3	3	7
50/ 49	.2	.5	.1	.1														12	14	11	12
48/ 47	.2	1.2	.1	.2														22	23	13	10
46/ 45	.2	.6	.1	.2	.1													15	15	17	17
44/ 43	.3	1.5	.4	.2	.2													33	33	19	12
42/ 41	1.8	.9	.7	.6	.3													55	55	49	34
40/ 39	1.2	1.2	1.5	1.5	.1													71	71	30	35
38/ 37	.9	2.1	1.4	.9	.2													71	71	50	31
36/ 35	1.0	1.5	1.9	.9														68	68	69	38
34/ 33	1.6	4.6	1.4	1.2														114	114	95	46
32/ 31	1.4	4.3	1.7	.7														104	104	121	71
30/ 29	.5	3.6	2.9	.9														100	100	83	73
28/ 27	1.6	5.1	2.2	.5														122	122	102	72
26/ 25	.6	3.9	1.9															72	72	122	94
24/ 23	1.7	3.3	.9															77	77	111	81
22/ 21	1.2	2.0	.5															48	48	73	91
20/ 19	1.2	2.9	1.3															70	73	50	81
18/ 17	1.1	2.4	.9															56	56	59	80
16/ 15	1.5	2.9																45	47	67	74
14/ 13	.5	1.2	.1															23	24	34	61
12/ 11	.7	1.2	.2															27	27	20	56
10/ 9	.9	1.2																28	28	36	44
8/ 7	.7	.1																10	10	18	35
6/ 5	.1																	1	1	1	30
4/ 3		.2																2	2		30
2/ 1		.1																1	1	3	29
0/ -1	.2																	3	3	3	6
-2/ -3																					5
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

PSYCHROMETRIC SUMMARY

57-70

DEC
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5																						8
-6/ -7																						5
-10/-11																						1
TOTAL	21.9	48.6	20.2	8.5	c.8															1302		1293
																		1293			1293	

PSYCHROMETRIC SUMMARY

57-70

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL D.B. W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
68/ 67			.2			.1													3	3																
66/ 65			.1																1	1																
64/ 63		.2		.2	.1					.2									7	7	2															
62/ 61	.1	.2			.1				.1										6	6	4	4														
60/ 59	.1	.4	.2	.1	.1	.1		.1											12	12	5	7														
58/ 57	.1	.3		.1	.2	.2													10	10	10	3														
56/ 55		.5	.1	.1	.2	.1	.1	.2											14	14	8	7														
54/ 53		.3		.2	.5	.1	.1												14	14	8	8														
52/ 51		.5	.2	.3	.2	.2	.1												20	20	9	9														
50/ 49	.2	.8	.4	.8	.7	.2													39	39	16	11														
48/ 47		1.1	.5	.8	.5	.3													42	44	19	11														
46/ 45		1.0	.8	1.2	.5	.2													48	48	41	11														
44/ 43	.5	1.5	1.1	1.0	.6	.1													62	62	43	21														
42/ 41	1.2	1.3	1.4	1.5	.9	.2													83	83	74	34														
40/ 39	.5	2.4	2.2	1.5	1.2	.2													104	104	67	45														
38/ 37	.3	1.2	1.8	2.1	1.0	.1													97	97	67	61														
36/ 35	.9	1.9	2.9	3.6	.8														133	133	99	45														
34/ 33	.8	2.9	2.0	2.3	.2														106	106	92	67														
32/ 31	1.4	3.2	2.5	2.3															122	122	155	71														
30/ 29	.4	2.2	2.5	1.3															83	83	131	81														
28/ 27	.5	1.4	2.2	.9															65	65	107	87														
26/ 25	.5	1.4	1.8	.5															54	55	87	80														
24/ 23	.5	1.0	1.9	.2															47	47	67	80														
22/ 21	.5	1.2	1.8	.1															45	45	59	74														
20/ 19		1.2	1.1	.2															31	31	44	92														
18/ 17	.2	.8	.5																18	18	33	64														
16/ 15	.1	.5	.2																10	10	22	66														
14/ 13	.2	.4	.2																11	11	14	48														
12/ 11	.1	.4	.2																8	8	13	55														
10/ 9		.1																	1	1	4	50														
8/ 7																																				
6/ 5		.1																	1	1																
4/ 3																					1															
2/ 1																						7														
Element (X)	Σ X ²			Σ X			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

57-70

DE
MONT

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
0/ -1																					6	
-2/ -3																					4	
-4/ -5																					0	
-6/ -7																					3	
-8/ -9																					1	
-10/-11																					1	
TOTAL	8.8	30.2	28.6	22.0	7.7	2.0	.2	.2	.1	.2								1298	1300	1298	1298	
																	</					

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 EORT BELVOIR VA/DAVISON AAF

57-70

DEC

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			
74/ 73								.1	.1									2	2					
70/ 69				.2	.1		.2											5	5					
68/ 67			.2	.1	.1	.1	.2	.1	.1									9	9					
66/ 65			.1	.1	.2	.1	.1		.2	.1								9	9					
64/ 63		.2	.2	.2		.1	.2	.2	.1									13	13	7				
62/ 61	.1	.2			.2	.1	.2	.1	.2									14	14	4	5			
60/ 59		.2		.2	.2	.2	.3	.2										17	17	11	7			
58/ 57		.4	.1	.1	.3	.5	.3	.5	.1									30	30	11	5			
56/ 55	.2	.4		.5	.5	1.1	.7	.2	.2									47	47	12	12			
54/ 53		.3	.2	.5	.5	.5	.6	.2										38	38	11	9			
52/ 51		.2	.2	.5	1.1	.9	.2											51	51	16	3			
50/ 49		.5	.7	.9	1.5	1.0	.5	.2										67	67	36	14			
48/ 47	.2	.2	.5	.5	.8	1.3	.4											52	52	41	21			
46/ 45	.1	.7	.5	1.4	1.2	.8	.2											63	63	60	15			
44/ 43	.3	2.5	.5	2.2	2.2	1.2	.2											116	116	68	24			
42/ 41	.3	.8	.8	.9	2.6	.8												89	89	95	58			
40/ 39	.2	.9	1.4	2.7	2.7	.2												106	106	78	38			
38/ 37	.4	.8	1.1	2.8	2.2	.2												97	97	88	47			
36/ 35	.8	1.5	1.4	3.3	1.6	.1												113	113	106	54			
34/ 33	.4	1.2	1.3	3.5	.4	.1												90	90	132	70			
32/ 31	1.5	.9	1.0	3.4	.2													92	92	138	87			
30/ 29	.2	.2	.6	2.2	.2													44	44	98	57			
28/ 27	.1	.7	.9	2.0														48	48	77	74			
26/ 25	.3	.5	.9	1.2														37	37	71	83			
24/ 23		.5	1.2	.5														28	28	52	73			
22/ 21	.2		.5	.1														10	10	42	80			
20/ 19	.2	.1	.3															8	8	29	80			
18/ 17		.1	.1															2	2	9	72			
16/ 15		.1	.1															2	2	5	62			
14/ 13																				2	58			
12/ 11																					42			
10/ 9																					40			
8/ 7																					32			
6/ 5																					28			
Element (X)	Σ X ²			Σ X			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

PSYCHROMETRIC SUMMARY

57-70

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	
4/ 3																					19	
2/ 1																					16	
0/ -1																					6	
-4/ -5																					7	
-6/ -7																					1	
TOTAL	6.1	14.8	14.6	29.3	18.6	9.3	4.2	1.5	1.0	.1								1299	1299	1299		
																		1299	1299			

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

DEC

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
74/ 73										.1								1	1							
70/ 69			.1		.1	.1	.2	.1	.1									7	7							
68/ 67			.1	.1			.2		.1									5	5							
66/ 65			.2	.2		.1	.1	.2	.1	.1								10	10	1						
64/ 63		.2		.2	.1	.2	.2			.1								12	12	4	1					
62/ 61	.2	.1		.2	.2	.1	.3	.1	.2									16	16	8	6					
60/ 59		.2	.1	.1	.2	.3	.3	.2	.1									19	19	5	4					
58/ 57	.1	.5	.2	.1	.4	.5	.7	.5	.1									37	37	10	6					
56/ 55		.4		.1	.6	.8	.2	.3	.1									32	32	14	6					
54/ 53		.2	.3	.4	.8	.6	.8	.2										44	44	12	5					
52/ 51		.9	.5	.9	.6	.8	.2											52	52	21	9					
50/ 49		.5	.4	.7	.9	1.2	.5											55	55	27	14					
48/ 47		.9	.5	.9	1.2	1.1	.4											64	64	45	16					
46/ 45	.2	1.4	.4	1.3	1.2	.5	.5											71	71	71	16					
44/ 43	.2	2.0	.9	1.5	2.2	1.0	.2											104	104	68	37					
42/ 41	1.2	1.9	.3	2.0	2.3	.9												107	107	93	43					
40/ 39	.4	.5	.7	3.1	3.5	.2												108	108	84	61					
38/ 37	.2	1.2	1.6	2.6	1.6	.1												96	96	85	54					
36/ 35	.8	1.2	1.5	3.9	1.9													122	122	113	50					
34/ 33	.2	1.2	1.5	2.6	1.1													86	86	123	67					
32/ 31	1.1	.3	.3	3.6	.2													79	79	137	60					
30/ 29		.5	.8	2.2														47	47	93	65					
28/ 27	.3	.9	1.3	1.5														55	55	87	74					
26/ 25	.1	.5	.9	1.2														34	34	76	82					
24/ 23	.1	.1	.8	.5														19	19	46	81					
22/ 21	.2	.2	.4															10	10	38	82					
20/ 19	.2	.2	.3															9	9	25	84					
18/ 17																				12	67					
16/ 15																				3	66					
14/ 13																					47					
12/ 11																					83					
10/ 9																					42					
8/ 7																					30					
6/ 5																					28					
Element (X)	Σ x'			Σ x			R			σ _x			No. Obs.			Mean No. of Hours with Temperature										
Net Hum.																≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Net Bulb																										
Net Bulb																										
Net Point																										

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

PSYCHROMETRIC SUMMARY

57-70

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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	
4/ 3																					21	
2/ 1																					7	
0/ -1																					6	
-2/ -3																					3	
-4/ -5																					5	
-6/ -7																					1	
TOTAL	5.4	5.1	15.4	29.7	18.9	8.4	4.9	1.4	.6	.2								1301	1301	1301	1301	
															</							

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93725 FORT BELVOIR VA/DAVISON AAF

57-70

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-15	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
64/ 63		.2				.2												5	5								
62/ 61		.4	.2		.2	.2												13	13	3	1						
60/ 59	.1	.7					.1											11	11	6	6						
58/ 57		.4	.1				.1											7	7	10	8						
56/ 55	.1	.1	.1		.1	.1												5	5	6	8						
54/ 53		.3	.2	.1	.4	.2	.2											18	18	8	4						
52/ 51	.2	.5	.5	.3	.4		.2											26	26	11	6						
50/ 49		.5	.8	1.1	1.0	.2	.1											49	49	9	6						
48/ 47		1.3	.5	.9	.5	.2	.1											46	46	23	13						
46/ 45	.2	1.4	1.2	.5	.7	.1												52	52	42	29						
44/ 43	.5	2.4	1.1	1.2	.3	.2												73	73	66	29						
42/ 41	1.2	1.8	1.8	1.2	.5	.2												85	85	80	37						
40/ 39	.6	.8	1.8	2.2	.8	.1												81	81	71	56						
38/ 37	.2	1.5	1.5	2.5	.5	.1												82	82	52	47						
36/ 35	.8	2.2	2.3	3.0	.5													115	115	81	57						
34/ 33	.6	2.5	3.1	2.5	.4													119	119	98	48						
32/ 31	1.2	2.5	4.3	2.5	.1													136	136	137	89						
30/ 29	.3	3.3	2.9	1.2														100	100	123	62						
28/ 27	.8	1.9	2.5	1.0														80	80	140	81						
26/ 25	.1	2.0	2.8	.7														73	73	92	83						
24/ 23	.3	1.1	1.5	.4														43	43	81	74						
22/ 21	.4	.8	1.2	.2														32	32	61	93						
20/ 19		.5	.9	.2														20	20	38	97						
18/ 17		1.0	.5															19	19	29	64						
16/ 15	.1	.2	.4															8	8	17	66						
14/ 13		.2	.1															3	3	10	52						
12/ 11																				4	31						
10/ 9		.1																1	1	2	43						
8/ 7																					31						
6/ 5																					28						
4/ 3																					23						
2/ 1																					4						
0/ -1																					13						
-2/ -3																					7						
Element (X)	Σ X ²				Σ X				Σ				Σ X				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point									
-4/-5																						2								
-6/-7																						3								
-12/-13																						1								
TOTAL	7,430.3	332.2	21.4	6.3	1.8	-6													1302		1302									
																		1302		1302										

PSYCHROMETRIC SUMMARY

57-70

YEAPS

010
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

27-70

DEC
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/-5																					3
-6/-7																					4
-14/-15																					1
TOTAL	11.2	45.7	25.2	13.5	3.5	.9													1300		1300
																		1300		1300	
						</															

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93728 FORT BELVOIR VA/DAVISON AAF 47-70

STATION		STATION NAME					YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL				
00-02	MEAN	28.4	31.0	37.2	48.0	56.4	64.6	69.3	68.3	61.6	49.7	41.9	31.5	49.2				
	S D	11.183	9.793	9.590	10.214	8.688	7.274	5.444	6.089	8.613	10.118	10.492	10.122	17.008				
	TOTAL OBS	1209	1182	1302	1259	1299	1260	1300	1301	1260	1302	1260	1302	15236				
03-05	MEAN	27.2	29.4	35.4	45.9	54.1	62.4	67.3	66.4	59.9	48.2	40.7	30.3	47.5				
	S D	11.392	10.223	9.776	10.254	8.793	7.400	5.583	6.172	8.811	10.365	10.727	10.421	16.889				
	TOTAL OBS	1209	1179	1302	1258	1299	1260	1302	1300	1260	1302	1260	1302	15233				
06-08	MEAN	26.5	28.8	35.6	47.8	58.1	66.8	70.8	68.9	61.6	49.1	40.2	29.7	48.9				
	S D	11.336	10.517	9.545	9.950	8.624	7.101	5.525	6.047	8.712	10.191	10.861	10.648	18.214				
	TOTAL OBS	1209	1183	1301	1260	1299	1260	1302	1301	1260	1301	1260	1302	15238				
09-11	MEAN	31.9	35.0	43.7	56.9	66.8	75.5	79.2	78.0	71.6	59.9	48.6	35.5	57.1				
	S D	10.028	9.338	9.878	10.619	9.104	7.131	5.550	5.541	7.881	8.294	9.031	9.913	18.922				
	TOTAL OBS	1209	1185	1299	1260	1299	1260	1302	1301	1260	1300	1259	1300	15234				
12-14	MEAN	37.6	40.3	49.1	62.0	71.0	80.2	83.5	82.6	76.5	65.8	54.4	40.9	62.3				
	S D	10.269	9.936	11.629	11.904	9.840	7.771	6.011	5.918	8.496	8.758	9.242	10.181	18.898				
	TOTAL OBS	1209	1181	1299	1260	1302	1260	1302	1301	1259	1302	1260	1299	15234				
15-17	MEAN	38.6	41.6	50.7	63.4	72.5	80.6	83.4	83.0	76.8	65.5	54.0	41.1	62.9				
	S D	10.594	10.066	11.965	11.915	9.772	7.776	6.068	5.993	8.403	8.828	9.323	9.950	18.740				
	TOTAL OBS	1209	1182	1300	1260	1299	1260	1302	1300	1260	1302	1260	1301	15235				
18-20	MEAN	33.4	36.9	45.8	58.4	67.2	75.4	78.5	77.1	68.9	6.4	46.8	35.9	57.0				
	S D	10.122	9.210	10.615	10.827	8.827	7.199	5.590	5.974	8.496	8.891	9.450	9.396	18.274				
	TOTAL OBS	1209	1185	1302	1260	1299	1260	1302	1301	1260	1302	1260	1302	15242				
21-23	MEAN	30.1	33.3	40.2	51.8	60.0	68.2	72.1	70.7	63.6	51.9	43.2	33.1	51.7				
	S D	10.654	9.277	9.791	9.921	8.434	6.949	5.194	5.874	8.484	9.565	10.108	9.847	17.163				
	TOTAL OBS	1209	1184	1302	1259	1299	1260	1302	1301	1260	1302	1260	1302	15240				
24 HOUR	MEAN	31.7	34.5	42.2	54.3	63.4	71.7	75.5	74.4	67.6	55.8	46.2	34.8	54.6				
	S D	11.533	10.785	11.916	12.473	11.208	9.898	8.232	8.590	10.646	11.583	11.264	10.892	18.913				
	TOTAL OBS	9672	9461	10407	10076	10395	10080	10414	10406	10079	10413	10079	10410	121892				

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93728 FJRT BELVOIR VA/CAVISON AAF 57-70

STATION	STATION NAME	YEARS												
HRS IL ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	26.3	28.2	34.0	44.0	53.1	61.7	66.3	65.5	59.2	47.4	39.2	29.3	46.4
	S D	10.509	9.279	8.830	9.380	8.314	6.735	5.228	5.876	8.427	9.782	9.951	9.671	16.650
	TOTAL OBS	1199	1162	1302	1259	1299	1260	1300	1301	1260	1302	1260	1296	15220
03-05	MEAN	25.3	27.0	32.7	42.6	51.5	60.0	64.8	64.2	57.8	46.2	38.2	28.4	45.1
	S D	10.630	9.760	9.219	9.622	8.613	7.016	5.358	6.164	8.685	10.069	10.221	10.020	16.653
	TOTAL OBS	1203	1178	1301	1253	1299	1260	1302	1300	1260	1302	1260	1290	15213
06-08	MEAN	24.7	26.5	32.9	43.9	53.9	62.7	66.8	65.6	58.8	46.8	37.8	27.9	45.9
	S D	10.855	10.118	9.103	9.326	8.201	6.490	5.278	5.906	8.501	10.002	10.443	10.316	17.442
	TOTAL OBS	1202	1183	1299	1260	1299	1260	1302	1301	1260	1301	1260	1293	15220
09-11	MEAN	28.8	31.0	37.9	48.7	57.8	66.3	70.2	69.3	63.7	53.2	43.3	32.0	50.4
	S D	9.619	8.935	8.607	8.817	7.778	6.283	4.773	5.205	7.453	8.274	8.811	9.377	16.764
	TOTAL OBS	1208	1185	1299	1260	1299	1260	1302	1301	1260	1300	1259	1298	15231
12-14	MEAN	32.5	34.5	41.0	51.0	59.7	67.7	71.1	70.5	65.3	55.5	46.2	35.5	52.7
	S D	9.293	8.897	8.882	8.810	7.628	6.423	4.820	5.143	7.399	8.094	8.508	9.111	15.919
	TOTAL OBS	1205	1181	1299	1260	1302	1260	1302	1301	1259	1302	1260	1299	15234
15-17	MEAN	33.1	35.3	41.7	51.5	60.1	68.0	71.1	70.6	65.6	55.6	46.1	35.6	53.1
	S D	9.345	8.771	8.763	8.676	7.408	6.175	4.631	5.039	7.118	8.177	8.571	8.954	15.742
	TOTAL OBS	1209	1182	1300	1260	1299	1260	1302	1300	1260	1302	1260	1301	15235
18-20	MEAN	29.8	32.4	39.2	49.3	58.6	67.1	70.4	69.6	63.5	52.2	42.3	32.4	50.8
	S D	9.479	8.681	8.642	8.555	7.509	6.025	4.665	5.186	7.603	8.797	9.180	9.088	16.562
	TOTAL OBS	1208	1185	1302	1260	1299	1260	1302	1301	1260	1302	1260	1302	15241
21-23	MEAN	27.5	30.0	36.0	46.2	55.5	64.3	68.1	67.1	60.7	49.1	40.0	30.5	48.1
	S D	10.037	8.862	8.763	8.802	7.897	6.285	4.920	5.587	8.092	9.293	9.729	9.517	16.641
	TOTAL OBS	1205	1184	1302	1259	1299	1250	1302	1301	1260	1302	1260	1300	15234
ALL HOURS	MEAN	28.5	30.6	36.9	47.1	56.3	64.7	68.6	67.8	61.8	50.7	41.6	31.5	49.1
	S D	10.437	9.677	9.460	9.558	8.478	7.026	5.483	6.009	8.425	9.784	9.956	9.915	16.806
	TOTAL OBS	9643	9460	10404	10076	10395	10080	10414	10406	10079	10413	10079	10379	121828

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93728 FORT BELVOIR VA/DAVISON AAF

57-70

STATION	STATION NAME												YEARS
HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 20.4 S D 12.922 TOTAL OBS 1199	MEAN 21.5 S D 12.292 TOTAL OBS 1182	MEAN 28.3 S D 10.916 TOTAL OBS 1302	MEAN 39.1 S D 11.198 TOTAL OBS 1259	MEAN 50.3 S D 9.525 TOTAL OBS 1299	MEAN 60.0 S D 7.100 TOTAL OBS 1260	MEAN 64.7 S D 5.865 TOTAL OBS 1300	MEAN 64.0 S D 6.437 TOTAL OBS 1301	MEAN 57.5 S D 9.033 TOTAL OBS 1260	MEAN 45.1 S D 10.744 TOTAL OBS 1302	MEAN 35.3 S D 11.577 TOTAL OBS 1260	MEAN 24.2 S D 11.953 TOTAL OBS 1296	MEAN 42.8 S D 18.958 TOTAL OBS 15220
03-05	MEAN 19.6 S D 13.153 TOTAL OBS 1203	MEAN 20.8 S D 12.522 TOTAL OBS 1178	MEAN 27.6 S D 11.341 TOTAL OBS 1301	MEAN 38.5 S D 11.248 TOTAL OBS 1258	MEAN 49.2 S D 9.632 TOTAL OBS 1299	MEAN 58.5 S D 7.340 TOTAL OBS 1260	MEAN 63.4 S D 6.090 TOTAL OBS 1302	MEAN 62.8 S D 6.722 TOTAL OBS 1300	MEAN 56.4 S D 9.265 TOTAL OBS 1260	MEAN 44.0 S D 10.879 TOTAL OBS 1302	MEAN 34.5 S D 11.716 TOTAL OBS 1260	MEAN 23.6 S D 12.106 TOTAL OBS 1290	MEAN 41.8 S D 18.850 TOTAL OBS 15213
06-08	MEAN 19.0 S D 13.279 TOTAL OBS 1202	MEAN 20.4 S D 12.852 TOTAL OBS 1183	MEAN 27.6 S D 11.391 TOTAL OBS 1299	MEAN 39.2 S D 11.316 TOTAL OBS 1260	MEAN 50.3 S D 9.780 TOTAL OBS 1299	MEAN 60.2 S D 7.149 TOTAL OBS 1260	MEAN 64.6 S D 6.147 TOTAL OBS 1302	MEAN 63.7 S D 6.703 TOTAL OBS 1301	MEAN 56.9 S D 9.193 TOTAL OBS 1260	MEAN 44.9 S D 10.988 TOTAL OBS 1301	MEAN 34.3 S D 11.964 TOTAL OBS 1260	MEAN 23.2 S D 12.356 TOTAL OBS 1293	MEAN 42.2 S D 19.416 TOTAL OBS 15220
09-11	MEAN 21.1 S D 13.057 TOTAL OBS 1208	MEAN 22.4 S D 13.035 TOTAL OBS 1185	MEAN 28.9 S D 11.791 TOTAL OBS 1299	MEAN 39.7 S D 12.297 TOTAL OBS 1260	MEAN 50.7 S D 10.632 TOTAL OBS 1299	MEAN 61.1 S D 7.993 TOTAL OBS 1260	MEAN 65.6 S D 6.541 TOTAL OBS 1302	MEAN 64.9 S D 6.730 TOTAL OBS 1301	MEAN 58.6 S D 9.554 TOTAL OBS 1260	MEAN 46.8 S D 11.319 TOTAL OBS 1300	MEAN 36.4 S D 11.902 TOTAL OBS 1259	MEAN 25.0 S D 12.326 TOTAL OBS 1298	MEAN 43.7 S D 19.352 TOTAL OBS 15231
12-14	MEAN 22.1 S D 13.007 TOTAL OBS 1209	MEAN 23.4 S D 13.345 TOTAL OBS 1181	MEAN 29.5 S D 11.866 TOTAL OBS 1299	MEAN 39.5 S D 12.664 TOTAL OBS 1260	MEAN 50.0 S D 10.606 TOTAL OBS 1302	MEAN 60.6 S D 8.570 TOTAL OBS 1260	MEAN 64.9 S D 7.017 TOTAL OBS 1302	MEAN 64.3 S D 7.293 TOTAL OBS 1301	MEAN 58.4 S D 9.694 TOTAL OBS 1259	MEAN 46.5 S D 11.881 TOTAL OBS 1302	MEAN 36.3 S D 12.418 TOTAL OBS 1260	MEAN 25.8 S D 12.646 TOTAL OBS 1299	MEAN 43.8 S D 19.088 TOTAL OBS 15234
15-17	MEAN 22.4 S D 13.083 TOTAL OBS 1209	MEAN 23.0 S D 13.507 TOTAL OBS 1182	MEAN 29.3 S D 11.922 TOTAL OBS 1300	MEAN 39.2 S D 12.833 TOTAL OBS 1260	MEAN 50.7 S D 10.914 TOTAL OBS 1299	MEAN 61.0 S D 8.485 TOTAL OBS 1260	MEAN 64.9 S D 7.112 TOTAL OBS 1302	MEAN 64.3 S D 7.229 TOTAL OBS 1300	MEAN 58.7 S D 9.695 TOTAL OBS 1260	MEAN 46.9 S D 12.017 TOTAL OBS 1302	MEAN 36.4 S D 12.487 TOTAL OBS 1260	MEAN 25.9 S D 12.582 TOTAL OBS 1301	MEAN 43.8 S D 19.132 TOTAL OBS 15235
18-20	MEAN 21.7 S D 12.794 TOTAL OBS 1208	MEAN 23.0 S D 13.112 TOTAL OBS 1185	MEAN 29.4 S D 11.649 TOTAL OBS 1302	MEAN 39.6 S D 12.058 TOTAL OBS 1260	MEAN 52.0 S D 10.309 TOTAL OBS 1299	MEAN 62.5 S D 7.638 TOTAL OBS 1260	MEAN 66.3 S D 6.510 TOTAL OBS 1302	MEAN 65.8 S D 6.784 TOTAL OBS 1301	MEAN 60.3 S D 8.660 TOTAL OBS 1260	MEAN 48.3 S D 10.738 TOTAL OBS 1302	MEAN 36.3 S D 12.027 TOTAL OBS 1260	MEAN 25.5 S D 12.315 TOTAL OBS 1302	MEAN 44.5 S D 19.497 TOTAL OBS 15241
21-23	MEAN 20.9 S D 12.657 TOTAL OBS 1205	MEAN 22.4 S D 12.418 TOTAL OBS 1185	MEAN 29.2 S D 11.192 TOTAL OBS 1302	MEAN 39.9 S D 11.150 TOTAL OBS 1259	MEAN 51.8 S D 9.557 TOTAL OBS 1299	MEAN 62.0 S D 6.872 TOTAL OBS 1260	MEAN 66.1 S D 5.736 TOTAL OBS 1302	MEAN 65.2 S D 6.353 TOTAL OBS 1301	MEAN 58.9 S D 8.708 TOTAL OBS 1260	MEAN 46.4 S D 10.509 TOTAL OBS 1302	MEAN 35.5 S D 11.909 TOTAL OBS 1260	MEAN 24.6 S D 12.200 TOTAL OBS 1300	MEAN 43.8 S D 19.241 TOTAL OBS 15235
ALL HOURS	MEAN 20.9 S D 13.038 TOTAL OBS 9643	MEAN 22.2 S D 12.935 TOTAL OBS 9461	MEAN 28.7 S D 11.533 TOTAL OBS 10404	MEAN 39.3 S D 11.867 TOTAL OBS 10076	MEAN 50.7 S D 10.188 TOTAL OBS 10395	MEAN 60.7 S D 7.753 TOTAL OBS 10080	MEAN 65.1 S D 6.449 TOTAL OBS 10414	MEAN 64.4 S D 6.879 TOTAL OBS 10406	MEAN 58.2 S D 9.329 TOTAL OBS 10079	MEAN 46.0 S D 11.221 TOTAL OBS 10413	MEAN 35.6 S D 12.028 TOTAL OBS 10079	MEAN 24.8 S D 12.345 TOTAL OBS 10379	MEAN 43.3 S D 19.211 TOTAL OBS 121829

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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	90.2	75.2	58.7	44.7	30.0	12.9	66.5	9643
FEB		100.0	99.4	95.2	85.0	68.5	53.3	40.1	27.4	12.3	63.6	9460
MAR		100.0	99.0	93.4	81.3	66.3	51.8	39.5	27.4	12.2	62.6	10404
APR		100.0	98.1	90.1	77.0	63.8	51.3	40.1	27.9	12.5	61.8	10076
MAY		100.0	99.5	95.4	85.5	74.1	61.5	48.9	36.1	14.8	67.3	10395
JUN		100.0	100.0	99.3	93.7	83.2	69.0	54.1	39.9	14.7	71.1	10680
JUL		100.0	100.0	99.3	94.9	85.4	72.9	58.2	43.0	19.8	72.7	10414
AUG		100.0	100.0	99.7	95.8	86.1	73.5	59.7	44.1	19.6	73.6	10406
SEP		100.0	100.0	99.3	94.4	86.3	74.5	62.5	47.5	25.1	74.9	10079
OCT		100.0	99.9	98.0	90.9	81.2	71.1	58.4	46.2	26.0	73.1	10413
NOV		100.0	99.9	97.9	90.1	77.4	64.2	52.3	38.8	19.0	69.6	10079
DEC		100.0	99.9	98.5	92.6	79.4	62.5	49.6	36.9	17.6	69.2	10379
TOTALS		100.0	99.6	97.0	89.3	77.2	63.7	50.8	37.1	16.9	68.8	121828

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FORM
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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93728 FORT BELVOIR VA/DAVISON AAF
STATION STATION NAME

58-70
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.8	96.6	87.8	73.3	59.2	39.9	17.1	73.0	1199
	03-05	100.0	100.0	99.8	97.7	89.7	75.9	62.0	42.1	17.9	74.1	1203
	06-08	100.0	100.0	99.8	98.0	90.8	75.4	61.5	43.9	18.9	74.4	1202
	09-11	100.0	99.9	99.6	93.7	75.4	56.9	41.2	26.2	12.5	66.0	1208
	12-14	100.0	99.8	95.4	77.8	50.8	32.3	21.3	15.4	7.6	55.7	1209
	15-17	100.0	99.4	93.5	72.7	49.7	31.9	22.8	16.0	6.6	54.7	1209
	18-20	100.0	99.9	98.8	89.5	72.3	55.3	38.2	24.0	9.3	64.2	1208
	21-23	100.0	100.0	99.5	95.6	85.2	68.9	51.0	32.1	12.9	70.0	1205
TOTALS		100.0	99.9	95.3	90.2	75.2	58.7	44.7	30.0	12.9	66.5	9643

3
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93726 FORT BELVOIR VA/DAVISON AAF
STATION STATION NAME

57-70
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.2	94.9	81.0	65.1	52.1	33.5	15.4	69.5	1182
	03-05	100.0	100.0	99.7	96.0	84.6	70.8	56.2	40.2	16.1	71.8	1178
	06-08	100.0	100.0	100.0	97.2	84.1	72.4	57.1	40.0	17.4	72.4	1183
	09-11	100.0	99.7	97.2	84.5	67.4	50.0	35.5	25.1	11.2	62.5	1185
	12-14	100.0	98.6	88.9	69.3	48.3	33.0	24.1	17.1	7.5	54.3	1181
	15-17	100.0	97.6	84.5	66.4	43.2	31.8	23.9	16.2	8.0	52.6	1182
	18-20	100.0	99.2	93.7	80.3	61.8	43.9	31.1	21.1	10.5	59.9	1185
	21-23	100.0	99.9	98.5	91.2	77.2	59.4	40.8	26.1	12.2	66.0	1184
TOTALS		100.0	99.4	95.2	85.0	66.5	53.3	40.1	27.4	12.3	63.6	9460

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.8	99.4	85.9	73.3	57.5	37.7	17.1	72.2	1302
	03-05	100.0	100.0	99.8	98.1	89.2	74.9	62.5	46.7	19.9	74.6	1301
	06-08	100.0	100.0	99.8	98.4	89.4	75.0	59.8	44.3	19.2	74.2	1299
	09-11	100.0	99.7	96.6	81.9	58.6	39.1	27.5	18.9	9.5	58.8	1299
	12-14	100.0	98.0	85.5	58.9	39.6	27.9	19.9	13.2	5.7	50.3	1299
	15-17	100.0	95.5	76.0	52.8	36.3	25.5	18.5	12.6	6.8	47.9	1300
	18-20	100.0	99.2	91.2	73.4	53.4	38.4	26.3	17.5	7.9	56.2	1302
	21-23	100.0	99.8	98.5	91.4	78.1	60.4	43.9	28.1	11.5	66.9	1302
TOTALS		100.0	99.0	93.4	81.3	66.3	51.8	39.5	27.4	12.2	62.6	10404

USAFETAC

FORM
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3
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93728 FORT BELVOIR VA/DAVISON AAF
STATION STATION NAME

57-70
PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.2	94.8	86.8	75.1	60.4	41.1	17.1	73.1	1259
	03-05	100.0	100.0	99.8	97.0	90.9	81.6	69.2	51.5	23.0	77.1	1258
	06-08	100.0	100.0	99.7	95.4	87.2	73.5	60.0	44.4	19.8	73.9	1260
	09-11	100.0	99.2	90.6	73.3	52.7	36.6	25.9	17.5	8.3	56.0	1260
	12-14	100.0	95.0	76.6	52.2	35.3	26.0	19.1	13.1	5.6	47.9	1260
	15-17	100.0	92.4	70.7	46.4	32.9	24.4	18.3	12.3	5.4	43.6	1260
	18-20	100.0	98.1	85.9	65.7	47.6	34.2	24.5	16.1	8.1	53.8	1260
	21-23	100.0	99.8	97.9	91.3	77.0	60.6	43.1	27.5	12.5	66.6	1259
TOTALS		100.0	98.1	90.1	77.0	63.8	51.5	40.1	27.9	12.5	61.6	10076

RELATIVE HUMIDITY

MAY
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.8	98.8	96.1	89.2	79.2	63.8	27.4	81.4	1299
	03-05	100.0	100.0	99.8	99.5	97.8	93.6	84.8	71.5	34.8	84.3	1299
	06-08	100.0	100.0	99.8	98.2	93.0	81.8	67.7	49.3	19.1	76.7	1299
	09-11	100.0	99.8	95.6	83.0	63.0	43.0	25.9	17.3	5.2	58.8	1299
	12-14	100.0	98.8	88.7	64.1	43.1	26.3	16.2	10.4	3.2	50.7	1302
	15-17	100.0	98.1	84.4	59.1	40.6	26.3	18.4	11.8	3.8	49.7	1299
	18-20	100.0	99.2	95.9	84.1	67.4	49.4	31.1	19.3	7.8	61.0	1299
	21-23	100.0	99.8	99.4	97.5	91.8	82.6	68.0	45.3	16.9	75.8	1299
TOTALS		100.0	99.5	95.4	85.5	74.1	61.5	48.9	36.1	14.8	67.3	10395

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.7	97.1	88.9	75.6	33.0	85.5	1260
	03-05	100.0	100.0	100.0	100.0	99.9	98.2	92.9	83.1	39.8	87.5	1260
	06-08	100.0	100.0	100.0	100.0	99.0	94.2	79.1	53.1	16.0	80.1	1260
	09-11	100.0	100.0	99.8	95.9	79.2	53.1	26.3	10.7	1.9	62.1	1260
	12-14	100.0	100.0	98.0	81.1	53.9	26.0	11.3	5.6	1.7	53.2	1260
	15-17	100.0	99.8	97.1	77.1	51.4	27.1	14.5	8.1	2.7	53.3	1260
	18-20	100.0	100.0	99.4	93.4	83.7	62.1	38.7	20.9	4.5	66.1	1260
	21-23	100.0	100.0	100.0	100.0	98.7	94.4	81.0	61.7	17.8	81.3	1260
TOTALS		100.0	100.0	99.3	93.7	83.2	69.0	54.1	39.9	14.7	71.1	10080

USAFETAC

FORM
JUL 64

0-27-5 (OL II)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93728 FORT BELVOIR VA/DAVISON AAF
STATION STATION NAME

57-70
PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.8	98.9	97.6	91.8	76.8	31.9	85.8	1300
	03-05	100.0	100.0	100.0	99.9	99.2	98.3	94.7	86.3	40.6	88.0	1302
	06-08	100.0	100.0	100.0	99.8	98.8	94.5	82.9	62.0	20.1	81.7	1302
	09-11	100.0	100.0	99.5	95.9	83.9	61.0	34.6	13.9	2.5	64.5	1302
	12-14	100.0	100.0	98.0	84.9	59.8	33.6	15.1	6.0	1.8	55.4	1302
	15-17	100.0	100.0	97.4	93.1	58.4	35.6	18.6	10.2	2.3	56.0	1302
	18-20	100.0	100.0	99.5	95.7	84.9	67.2	43.4	25.7	5.9	63.1	1302
	21-23	100.0	100.0	100.0	99.8	99.0	93.5	82.6	63.2	20.9	81.9	1302
TOTALS		100.0	100.0	99.3	94.9	85.4	72.9	58.2	43.0	13.8	72.7	10414

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

3
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
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%		
AUG	00-02	100.0	100.0	100.0	100.0	99.8	97.9	92.5	77.4	39.0	86.9	1301
	03-05	100.0	100.0	100.0	100.0	99.8	98.8	94.2	84.2	46.5	88.6	1300
	06-08	100.0	100.0	100.0	100.0	99.6	96.1	86.9	69.3	30.7	84.1	1301
	09-11	100.0	100.0	99.8	98.0	85.6	60.6	36.7	15.3	3.5	65.4	1301
	12-14	100.0	100.0	99.5	87.5	58.7	33.1	14.0	6.0	2.2	55.5	1301
	15-17	100.0	100.0	98.5	84.3	56.9	31.9	13.8	7.2	2.7	55.0	1300
	18-20	100.0	100.0	99.8	96.5	89.2	73.8	51.1	26.2	7.0	69.9	1301
	21-23	100.0	100.0	100.0	99.8	98.9	95.8	88.1	67.4	25.4	83.5	1301
TOTALS		100.0	100.0	99.7	95.8	86.1	73.5	59.7	44.1	19.6	73.6	10406

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.2	96.7	93.3	76.7	46.0	87.5	1260
	03-05	100.0	100.0	100.0	99.8	99.5	98.1	94.1	79.4	51.4	88.8	1260
	06-08	100.0	100.0	100.0	100.0	99.7	95.9	87.7	69.1	37.5	85.2	1260
	09-11	100.0	100.0	99.8	94.6	82.2	60.4	35.0	18.6	6.7	65.3	1260
	12-14	100.0	100.0	97.9	80.9	59.0	32.6	16.3	9.3	4.4	55.6	1259
	15-17	100.0	100.0	96.7	81.3	58.3	33.3	17.2	11.7	4.7	56.0	1260
	18-20	100.0	100.0	99.8	98.7	94.5	83.5	66.5	40.9	14.0	75.6	1260
	21-23	100.0	100.0	100.0	99.8	98.2	95.3	90.0	74.2	35.7	85.5	1260
TOTALS		100.0	100.0	99.3	94.4	86.3	74.5	62.5	47.5	25.1	74.9	10079

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

RELATIVE HUMIDITY

ACT

MONTH

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%		
JCT	00-02	100.0	100.0	100.0	99.1	96.6	92.9	84.3	72.2	44.2	85.0	1302
	03-05	100.0	100.0	100.0	99.3	96.4	95.1	86.9	73.6	47.2	86.3	1302
	06-08	100.0	100.0	100.0	99.7	98.1	93.9	85.6	69.9	42.7	84.6	1301
	09-11	100.0	100.0	99.3	90.5	73.0	53.5	35.5	21.4	9.7	64.0	1300
	12-14	100.0	99.5	92.1	70.2	45.5	27.5	17.1	11.4	5.8	52.4	1302
	15-17	100.0	99.5	92.7	72.1	50.9	31.9	19.4	11.6	5.5	53.8	1302
	18-20	100.0	100.0	99.8	97.2	92.0	83.3	66.4	42.2	17.3	75.6	1302
	21-23	100.0	100.0	99.9	98.6	95.2	90.7	82.1	67.3	35.7	82.9	1302
TOTALS		100.0	99.9	98.0	90.9	81.2	71.1	59.4	46.2	26.0	73.1	10413

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93728

FORT BELVOIR VA/DAVISON AAF

37-70

NOV

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	99.9	98.5	92.6	83.3	72.1	57.8	28.3	78.9	1260
	03-05	100.0	100.0	100.0	99.0	94.0	84.8	73.5	60.8	30.3	80.0	1260
	06-08	100.0	100.0	99.9	99.1	94.2	85.5	75.3	63.2	33.5	80.8	1260
	09-11	100.0	100.0	99.0	91.3	72.8	54.0	39.8	25.7	11.4	65.1	1259
	12-14	100.0	99.7	93.3	69.7	44.8	29.3	21.3	13.1	6.2	53.3	1260
	15-17	100.0	99.3	92.4	72.1	49.6	32.1	21.6	13.8	6.6	54.3	1260
	18-20	100.0	100.0	98.7	94.0	81.5	66.5	48.4	28.7	12.3	68.7	1260
	21-23	100.0	100.0	99.8	97.1	89.7	77.9	66.3	47.3	23.2	75.7	1260
TOTALS		100.0	99.9	97.9	90.1	77.4	64.2	52.2	38.8	19.0	69.6	10079

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

3

93728	FORT BELVOIR VA/DAVISON AAF
STATION	STATION NAME

57-70

DEC
MONTH

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%		
DEC	00-02	100.0	100.0	99.8	97.8	91.5	77.3	65.3	49.5	22.2	75.8	1296
	03-05	100.0	100.0	100.0	98.9	93.6	80.2	67.4	51.4	23.3	77.0	1290
	06-08	100.0	100.0	100.0	99.5	94.0	81.4	67.8	53.5	25.3	77.7	1293
	09-11	100.0	99.9	99.2	93.8	78.3	57.8	42.6	31.6	15.5	67.5	1298
	12-14	100.0	99.5	95.9	79.4	54.8	35.6	25.8	19.3	11.5	57.7	1299
	15-17	100.0	99.7	94.6	79.6	53.4	36.1	25.6	19.1	9.3	57.4	1301
	18-20	100.0	100.0	98.8	94.5	80.1	59.4	44.5	29.5	15.1	67.7	1302
	21-23	100.0	100.0	99.5	97.2	89.6	72.2	57.8	40.9	18.3	73.1	1300
TOTALS		100.0	99.9	98.5	92.6	79.4	62.5	49.6	36.9	17.6	69.2	10379

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

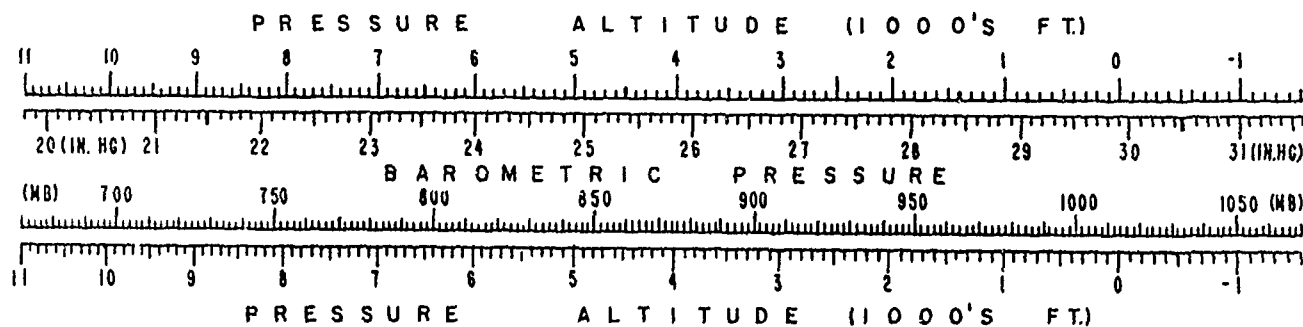
PART F

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 to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

93728 FORT BELVOIR VA/DAVISON AAF 57-63,65-70

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	30.029	29.976	29.947	29.933	29.951	29.914	29.926	29.936	30.004	30.012	29.991	30.020	29.971	
	S D	.260	.271	.242	.225	.176	.143	.128	.121	.158	.197	.249	.261	.212	
	TOTAL OBS	341	337	371	360	372	360	371	403	390	403	390	403	4500	
04	MEAN	30.030	29.971	29.937	29.928	29.951	29.910	29.920	29.932	29.997	30.007	29.989	30.021	29.967	
	S D	.266	.272	.250	.232	.181	.144	.131	.123	.162	.202	.255	.263	.216	
	TOTAL OBS	341	337	372	359	372	360	372	401	390	403	390	403	4500	
07	MEAN	30.048	29.992	29.965	29.962	29.984	29.938	29.948	29.960	30.027	30.033	30.011	30.040	29.993	
	S D	.267	.271	.260	.241	.185	.146	.132	.125	.167	.207	.258	.267	.219	
	TOTAL OBS	341	338	372	360	372	360	372	402	390	403	390	403	4503	
10	MEAN	30.079	30.015	29.978	29.966	29.989	29.943	29.955	29.970	30.037	30.047	30.031	30.066	30.007	
	S D	.271	.273	.261	.246	.187	.146	.132	.125	.170	.209	.261	.273	.223	
	TOTAL OBS	341	338	372	360	372	360	372	402	390	401	390	403	4501	
13	MEAN	30.020	29.966	29.935	29.924	29.952	29.915	29.931	29.944	30.001	29.998	29.979	30.007	29.965	
	S D	.266	.271	.252	.239	.186	.145	.130	.121	.168	.207	.257	.267	.218	
	TOTAL OBS	341	337	372	360	372	360	372	402	389	403	390	402	4500	
16	MEAN	30.008	29.935	29.899	29.886	29.914	29.883	29.899	29.908	29.968	29.971	29.963	29.995	29.936	
	S D	.258	.269	.242	.230	.182	.144	.128	.122	.164	.204	.250	.255	.213	
	TOTAL OBS	341	337	372	360	372	360	372	402	390	403	389	403	4501	
19	MEAN	30.031	29.964	29.923	29.902	29.924	29.884	29.901	29.913	29.978	29.994	29.990	30.019	29.952	
	S D	.254	.270	.234	.219	.174	.141	.126	.119	.160	.198	.244	.251	.210	
	TOTAL OBS	341	338	372	360	372	360	372	402	390	403	390	403	4503	
22	MEAN	30.040	29.976	29.950	29.935	29.956	29.913	29.928	29.941	30.004	30.014	30.003	30.026	29.974	
	S D	.257	.273	.235	.216	.172	.138	.126	.121	.159	.197	.246	.255	.209	
	TOTAL OBS	341	338	372	360	372	360	372	402	390	402	390	403	4502	
ALL HOURS	MEAN	30.035	29.975	29.942	29.929	29.953	29.913	29.926	29.938	30.002	30.010	29.995	30.024	29.971	
	S D	.263	.272	.248	.232	.182	.145	.130	.124	.165	.204	.253	.262	.216	
	TOTAL OBS	2728	2700	2975	2879	2976	2880	2975	3215	3119	3221	3119	3223	36010	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

93728 FORT BELVOIR VA/DAVISON AAF 57-70

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	1019.4	1017.4	1016.7	1016.5	1016.3	1015.7	1015.9	1016.4	1018.7	1019.0	1018.3	1019.4	1017.5	
	S D	8.740	9.343	8.144	7.516	5.856	4.887	4.304	4.084	5.362	6.687	8.494	8.813	7.173	
	TOTAL OBS	403	394	433	420	434	420	433	433	420	434	420	434	5078	
04	MEAN	1019.4	1017.2	1016.4	1016.3	1016.8	1015.6	1015.7	1016.2	1018.5	1018.8	1018.3	1019.4	1017.4	
	S D	8.884	9.392	8.483	7.778	5.975	4.938	4.385	4.154	5.468	6.817	8.656	8.878	7.318	
	TOTAL OBS	403	394	434	419	434	420	434	432	420	434	420	434	5078	
07	MEAN	1020.0	1018.0	1017.4	1017.4	1018.0	1016.6	1016.7	1017.1	1019.5	1019.7	1019.1	1020.1	1018.3	
	S D	8.940	9.423	8.834	8.012	6.107	5.000	4.423	4.224	5.654	6.969	8.739	9.029	7.427	
	TOTAL OBS	403	395	434	420	434	420	434	433	420	434	420	434	5081	
10	MEAN	1020.9	1018.7	1017.8	1017.6	1018.2	1016.7	1016.9	1017.5	1019.9	1020.2	1019.7	1021.0	1018.7	
	S D	9.119	9.552	8.960	8.169	6.192	4.994	4.436	4.216	5.750	7.042	8.815	9.193	7.564	
	TOTAL OBS	403	395	434	420	434	420	434	433	420	433	419	434	5079	
13	MEAN	1018.9	1017.0	1016.3	1016.2	1016.9	1015.8	1016.1	1016.6	1018.6	1018.5	1018.0	1019.0	1017.3	
	S D	9.050	9.498	8.640	7.934	6.162	4.964	4.374	4.123	5.688	6.956	8.667	9.009	7.388	
	TOTAL OBS	403	394	434	420	434	420	434	433	419	434	420	433	5078	
16	MEAN	1018.4	1016.0	1015.1	1014.9	1015.6	1014.7	1015.0	1015.4	1017.5	1017.6	1017.4	1018.6	1016.3	
	S D	8.843	9.305	8.235	7.635	6.057	4.951	4.303	4.092	5.563	6.882	8.469	8.637	7.240	
	TOTAL OBS	403	394	434	420	434	420	434	433	420	434	420	434	5080	
19	MEAN	1019.3	1017.0	1015.9	1015.4	1015.9	1014.7	1015.1	1015.5	1017.8	1018.4	1018.3	1019.4	1016.9	
	S D	8.639	9.277	7.918	7.292	5.795	4.813	4.229	4.011	5.425	6.693	8.318	8.518	7.123	
	TOTAL OBS	403	395	434	420	434	420	434	433	420	434	420	434	5081	
22	MEAN	1019.6	1017.4	1016.8	1016.5	1017.0	1015.7	1016.0	1016.5	1018.7	1019.1	1018.7	1019.6	1017.6	
	S D	8.705	9.408	7.922	7.205	5.735	4.749	4.224	4.053	5.376	6.679	8.381	8.630	7.090	
	TOTAL OBS	403	395	434	420	434	420	434	433	420	434	420	434	5081	
ALL HOURS	MEAN	1019.5	1017.3	1016.5	1016.3	1016.9	1015.7	1015.9	1016.4	1018.6	1018.9	1018.5	1019.5	1017.5	
	S D	8.885	9.418	8.429	7.739	6.038	4.957	4.377	4.172	5.579	6.873	8.586	8.858	7.325	
	TOTAL OBS	3224	3156	3471	3359	3472	3360	3471	3463	3359	3471	3359	3471	40636	