

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.

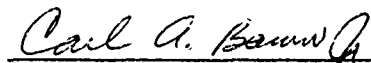
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FOR THE COMMANDER



WALTER S. BURGMANN
Scientific & Technical
Information Officer

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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)		

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1 JAN 73 1473

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19. Percentage 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 OR SUMMARY 93728	STATION NAME FORT BELVOIR VA/DAVISON AAF	LATITUDE N 38 43	LONGITUDE W 077 11	STATION ELEV (FT) 79	CALL SIGN KDAK	WMO NUMBER
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL (FT)		GDS PER DAT
			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 to Feb 59	Located 125 ft S of runway, 1405 ft from SE end.	AN/GMQ-1	ML 204A (Wind Panel)	28 ft.	
2	Mar 59 to Feb 60	Located 416 ft N of centerline, 925 ft from SE end (approach end).	AN/GMQ-11	RO-2	29 ft.	
3	Mar 60 to Feb 62	Located on roof of operations bldg 320 ft from runway centerline and 1360 ft from SE end.	AN/GMQ-1	Same	20 ft.	
4	Mar 62 to Apr 66	1. Located 600 ft NNW of approach end of runway 31, 200 ft NE of centerline. 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) APR 68

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/QMQ-11	Same	15 ft.	

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ETAC/USAF
AIR WEATHER SERVICE (MAC)
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 WEATHER SERVICE/MAC

WEATHER CONDITIONS

9372L

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 (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 W/ 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	17.7	10076
MAY		1.3	8.5			.0	8.5	12.2	10.2		.0	20.5	10416
JUN		1.5	5.2			.0	5.2	9.9	18.2			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		.3	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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 USAF ETAC
 AIR WEATHER SERVICE/MAC

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	7.0	.7		17.0	1209
TOTALS		.6	7.5	.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 (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		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	.7		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

DATA PROCESSING DIVISION
 USAF ETAC
 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
 STATION

FJRT HELVDIR VA/DAVISON AAF
 STATION NAME

57-70
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.5	10.2		.4		10.4	11.4	3.7			14.0	1259
	03-05	.3	11.5		.2		11.8	15.8	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			14.9	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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DATA PROCESSING DIVISION
 USAF ETAL
 AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

93720 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

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WEATHER CONDITIONS

93728 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	.8	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		1.3	5.8			.0	5.8	9.9	18.3			24.0	10079

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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	.8	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
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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	5.8				5.8	16.5	24.5			33.1	1301
	03-05	.2	5.0				5.0	25.6	29.4			41.5	1300
	06-08	.1	4.8				4.8	32.2	40.9			53.6	1299
	09-11	.2	4.9				4.9	5.8	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

USAFETAC (200) 1-10-5 (Cl-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93728

FUPT 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	.8	8.1				8.1	8.5	13.5			19.8	1250
	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 FORT BELVOIR VA/DAVISON AAF 57-70 OCT
 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.
OCT	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	6.8	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		.1	7.1				7.1	13.6	13.6			23.6	10414

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93726
STATION

FORT BELVOIR VA/JAVISON AAF
STATION NAME

57-70
YEARS

NOV
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	8.5		.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	1258
	12-14	.1	9.0		1.0		10.1	8.2	10.1	.1		17.3	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 ENTER SERVICE/MAC

WEATHER CONDITIONS

9578
 STATION

FORT BELVOIR VA/CAVISON AAF
 STATION NAME

57-70
 YEARS

DEC
 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	2.0		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	13.1	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	.2		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

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 WEATHER CONDITIONS
 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

93728 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			.7	39.2	54.8	68.0		.2	72.1	434
SEP		8.3	32.9				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,
~~XXXXXXXXXX~~

DATA PROCESSING DIVISION
 USAF ETAC
 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

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)										
	NONE	TRACE	01	02-05	06-10	11-25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST									
	SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48
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	.70								
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										

DATA PROCESSING DIVISION
 USAF ETAC
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EXTREME VALUES

PRECIPITATION
 (FROM DAILY OBSERVATIONS)

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV.	DEC.	ALL MONTHS
57		.99	.86	.77	.46	.64	.58	1.74	.71	1.52	.73	2.24	
58	1.52	1.09	1.24	.92	.80	1.59	2.94	3.64	.99	1.25	.80	1.29	3.64
59	.83	.60	.79	1.42	.71	1.52	1.56	1.65	1.12	.94	.73	1.40	1.65
60	.85	1.10	.89	1.02	2.00	.60	1.07	1.47	1.45	.68	.38	1.05	2.00
61	.84	1.09	1.06	.81	.51	1.06	2.28	1.56	.33	1.33	.54	.67	2.28
62	1.01	1.26	1.36	.64	.87	.63	1.36	.40	.93	.90	1.35	1.01	1.85
63	.42	.56	1.01	.39	.48	1.65	.58	1.22	1.79	.05	2.21	.95	2.21
64	1.01	.75	1.35	1.05	1.27	.54	.58	.98	1.32	.80	1.07	.90	1.35
65	.98	1.10	1.51	.83	1.16	.86	.96	2.32	.75	2.85	.24	.34	2.85
66	1.15	1.31	.96	.76	1.55	.70	.17	.76	4.57	3.17	.84	.69	4.57
67	.44	.91	1.31	.45	1.77	.91	.97	2.17	.64	1.00	1.02	1.35	2.17
68	1.26	.37	1.32	1.12	1.17	1.30	1.26	.66	3.22	1.20	.99	.64	3.22
69	.99	1.05	.49	.48	.69	.66	1.80	2.01	2.19	.76	1.11	2.04	2.19
70	.65	.89	.72		1.08	.39	3.06	.71	.87	1.07	3.06	1.17	
MEAN	.92	.94	1.06	.82	1.04	.90	1.37	1.52	1.49	1.25	1.11	1.12	2.50
S D	.306	.271	.295	.293	.483	.444	.882	.854	1.157	.825	.767	.525	.918
TOTAL OBS.	403	395	434	390	434	420	434	434	420	434	420	434	5052

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
 (FROM DAILY OBSERVATIONS)

93778 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS

24 HOUR AMOUNTS IN INCHES
 /BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT.	NOV.	DEC.	ALL MONTHS
70				2.69 29									PRECIP DAYS
MEAN													
S. D.													
TOTAL OBS.													

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

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
	SNOWFALL	TRACE	01-0.1	0.1-0.4	0.4-1.0	1.0-2.5	2.5-5.0	5.0-10.0	10.0-15.0	15.0-25.0	25.0-50.0	OVER 50.0							
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			

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 DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
 (FROM DAILY OBSERVATIONS)

93725 STATION FORT BELVIER VA/DAVISON AAF 57-70 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR	MAY	JUN	JUL.	AUG	SEP	OCT.	NOV.	DEC.	ALL MONTHS
57		1.3	1.1	.1	.0	.0	.0	.0	.0	.0	TRACE	4.4	
58	.5	14.7	7.5	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	14.7
59	3.0	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	TRACE	.2	3.0
60	1.3	4.5	8.9	.0	.0	.0	.0	.0	.0	.0	TRACE	6.1	8.9
61	8.1	9.8	1.2	TRACE	.0	.0	.0	.0	.0	.0	2.3	1.9	9.8
62	2.1	5.1	12.8	TRACE	.0	.0	.0	.0	.0	.0	2.7	10.9	12.8
63	.7	2.1	.8	.0	TRACE	.0	.0	.0	.0	.0	TRACE	7.1	7.1
64		8.1	7.5	.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	
65			2.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	
66	18.7	6.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	12.6
67	1.8	9.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	
68	1.7	.2	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.7
69	TRACE	.2	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	6.0
70	2.3	2.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	5.5	5.5
MEAN	3.65	4.91	3.10	.16	TRACE	.00	.00	.00	.00	.00	.42	4.64	8.82
S D	5.437	4.560	4.208	.531	.000	.000	.000	.000	.000	.000	.916	4.231	5.328
TOTAL OBS	341	367	434	420	434	420	434	434	420	434	420	372	4930

3

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAG

EXTREME VALUES

SNOWFALL
 (FROM DAILY OBSERVATIONS)

93716 STATION FORT BELVOIR VA/DAVISIA AAF STATION NAME 51-70 YEARS

24 HOUR AMOUNTS IN INCHES
 (BASED ON LESS THAN FULL MONTHS)

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
64	5.2 30												SNOWFALL DAYS
65	3.1 30	0										TRACE 30	SNOWFALL DAYS
67												TRACE 30	SNOWFALL DAYS
MEAN													
S. D.													
TOTAL OBS													

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

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

PRECIP	AMOUNTS (INCHES)														PERCENT OF D.A.S WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	.26-50	.51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-0.4	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 STATION FORT BELVOIR VA/DAVISON AAF 57-70 YEARS

DAILY SNOW DEPTH IN INCHES

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	0	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	0	9
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	0	0	0	0	0	0	0	0	0	0	5	8
68	3	0	3	0	0	0	0	0	0	0	0	0	13
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	13
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)

93728 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
59	31NW	44NW	41NE	32NW	27NW	32S	20					34	
60	34NW	20NW	33			20SE	31NW	25NW	27NW	31		30	
61	45NW	36W	34WSW	49NW	32NW	38		28W	27NW	33	40NW	41	
62	49NW	47S	43NW	36NW	34NW	29NW	24		25W	33NW	28NW	37	
63	37NW	37NW	37NW	45NW	27W	42NW	41NW	45SW	31NW	29NW	40NW	34	45
64	41NW	30NW	45NW	35NW	35W	31NE	33NW	26NE	25NW	32NW	34NW	31	45
65	45NW	41NW	31NW	38NW	31NW	25NW	43W	25NE	26		39NW	39	
66	39NW	38NW	43NW	43W	20W	45W	31SE	37	17	24B1	31B3	40W	43
67	38B1	52B0	40B1	34W	30W	35B2	40B1	48B1	44B0	38B3	38W	49	54
68	31	39B3	43B3	32B1	39B3	38B1	40B0	62B0	32B2	50B0	33B1	41B2	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	0.640	8.044
TOTAL OBS.	303	276	304	263	272	293	307	273	267	273	232	333	3386

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/PAC

EXTREME VALUES

SURFACE WINDS
 (FROM DAILY OBSERVATIONS)

9378 STATION FORT LELAND VA/DAVISON AAF STATION NAME 68-59, 61-70 YEARS

DAILY PEAK GUSTS IN KNOTS
 BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57		0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
58	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
59								ENE 10 19	0	0	0	0	WINDS DAYS
60	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
61	0	0	0	0	0	5	17		WNE 35 25		W 32 25		WINDS DAYS
62				W 33 21	40 27						W 38 26		WINDS DAYS
63							W 29 27						WINDS DAYS
64								SW 24 21					WINDS DAYS
65										SS 21 14			WINDS DAYS
66													
67													
68													
69													
70													
MEAN													
S. D.													
TOTAL OBS.													

3

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93728 STATION NAME FORT BELVOIR VA/DAVISON AAF YEARS 57-70 MONTH ALL
 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	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	.5	.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	.0	.0						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	1.6	.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

SURFACE WINDS

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

STATION 93728 STATION NAME FORT BELVOIR VA/DAVIDSON AAF YEARS 58-70 MONTH JAN
 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	1.3	2.3	1.1	.3	.0							5.0	5.6
NNE	.9	.9	.5	.0								1.8	5.4
NE	.5	.9	.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	1.3	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	.3	.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	.9	.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

SURFACE WINDS

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

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	.4	.4	.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	1.5	.4	.1	.0							3.1	4.8
ESE	.0	.5	.2	.0								1.7	4.4
SE	.0	1.4	.4	.1		.1						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	.5	.9	.7	.1	.0							2.3	5.8
SW	.4	.9	.7	.2	.0	.0						2.2	6.6
WSW	.3	.5	.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	.0	.1	.0				103.0	5.1

TOTAL NUMBER OF OBSERVATIONS 9396

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.2	2.0	.8	.0	.0						6.2	6.7
NNE	.4	.4	.6	.0	.0	.0						1.9	5.5
NE	.7	.9	.7	.1	.0	.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	.4	.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	3.2	.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

SURFACE WINDS

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

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	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	.2	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

SURFACE WINDS

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

STATION 93725 STATION NAME FORT BELVOIR VA/DAVISON AAF YEARS 57-70 MONTH MAY
 CLASS ALL WEATHER HOUR (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	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	1.3	.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

93723
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSJUN
MONTHALL WEATHER
CLASSALL
HOURS (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	1.8	1.8	.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

SURFACE WINDS

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

STATION 93728 STATION NAME FORT BELVOIR VA/DAVISON AAF YEARS 57-70 MONTH JUL
 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	.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	1.9	.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

SURFACE WINDS

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

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.3	1.2	.2	.0							4.9	5.3
NNE	.9	.9	.4	.0								1.6	5.0
NE	.4	.7	.4	.0								1.6	5.1
ENE	.2	.5	.2	.0								.9	5.1
E	.9	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	4.9
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

3

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	.0							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

SURFACE WINDS

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

93728 STATION FORT BELVOIR V4/DAVISON AAF STATION NAME 57-70 YEARS OCT MONTH
 ALL WEATHER CLASS ALL HOURS (L.S.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												46.9	
	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/DAVIDSON 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	.3	.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							5.5	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						10.9	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

SURFACE WINDS

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

93728 STATION FORT BELVOIR VA/DAVISON AAF 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	1.3	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

SURFACE WINDS

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

93728 STATION Egypt Belvoir VA/DAVISON AAF STATION NAME 58-70 YEARS AN 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	5.9
WSW	.2	.1										.3	3.5
W	.7	1.5	.5	.2	.1	.1						3.1	6.0
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

SURFACE WINDS

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

STATION 93725 STATION NAME FORT BELVOIR VA/DAVISON AAF YEARS 58-70 MONTH JAN
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.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	.7		.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	.2	1.6	.5									2.9	4.6
SSW	.2	.9	.3									1.5	5.2
SW	.2	.5	.2									1.6	4.0
WSW	.2	.2	.3									.8	5.1
W	1.2	1.1	.7	.2								3.3	5.9
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	3.3

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)

93729
STATIONEDRT BELVIDER VA/DAVISON AAF
STATION NAME56-70
YEARSJAN
MONTHALL WEATHER
CLASS0600-0800
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	2.8	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 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 58-70 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	1.3	2.7	1.1	.3								5.5	5.5
NNE	.4	1.3	.6									2.6	5.1
NE	.4	.9	.7	.6								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	.4	.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
W W	.5	1.2	1.8	2.0	.7	.3						6.9	10.0
NW	1.3	2.2	1.5	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	
	12.9	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

SURFACE WINDS

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

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

58-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	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	3.6
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								5.9	5.7
SW	.7	1.3	1.3	.2								3.9	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	14.8	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 BELVIER VA/DAVISON AFB
STATION NAME

38-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-13	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	1.5	.2	.							5.9	5.5
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	.0	.2									1.3	3.8
ESE	1.1	.1	.1									2.0	3.4
SE	1.4	1.0	.7									4.2	4.4
SSE	1.4	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	1.7	.0	.1								2.9	5.3
WSW	.7	.7	.2									1.6	4.2
W	1.0	1.3	1.0	1.9	.2							5.0	8.4
WNW	.2	1.1	2.0	3.2	.3	.4						8.0	11.4
WVW	1.2	3.3	5.9	6.0	1.0	.2						17.6	9.7
NNW	1.2	3.3	2.6	1.2	.2							7.6	7.9
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

SURFACE WINDS

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

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	3.9
SE	.7	.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	7.3
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												47.3	
	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

9728
STATIONFORT BELVIER VA/DAVISON AAF
STATION NAME58-70
YEARSJAN
MONTHALL WEATHER
CLASS2100-2300
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
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSFEB
MONTHALL WEATHER
CLASS0000-0200
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	.8	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

SURFACE WINDS

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

STATION: 93726 STATION NAME: FORT BELVOIR VA/DAVISON AAF YEARS: 57-70 MONTH: FEB
 CLASS: ALL WEATHER HOURS (LST): 0300-0500
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	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

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

SURFACE WINDS

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

9372R
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

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

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	.3	.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

SURFACE WINDS

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

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

FFB
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	.2							7.2	9.5
WNW	.3	.0	2.7	3.0	2.1	.3						6.8	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/MAC

SURFACE WINDS

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

STATION 9372A STATION NAME FORT BELVOIR VA/DAVISON AAF YEARS 57-70 MONTH FEB
 CLASS ALL WEATHER HOURS (LST) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	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	.8	.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	26.9	15.2	3.3	1.3	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1182

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

1000-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	29-33	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	.5								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	.1								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	1.8	1.4	2.0	.4	.3							5.3	6.7
NW	1.7	4.6	5.2	4.7	.8	.5		.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

SURFACE WINDS

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

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	.3	.2	.1								.7	5.9
ENE	.3	.2	.2	.1								1.0	5.6
E	.2	1.0	.2	.2								2.9	3.3
ESE	.4	.6		.1								1.1	4.6
SE	.4	1.3	.3	.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	.3	.2	.1								1.1	5.8
SW	.1	.4	.2	.2								1.7	6.6
WSW	.2	.2	.2									.9	5.5
W	1.3	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	1.5	3.2	6.1	3.4	.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	8.3	1.5	.4						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1170

3

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 MAR MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	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	.2									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	.1	.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	6.9	1.5	.5						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1287

3

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR EATER SERVICE/HAC

SURFACE WINDS

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

93720
STATION

FUPT BELVOIR VA/DA USIN AAF
STATION NAME

57-70
YEARS

4 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	4.3
ENE	.4	.6	.2									1.2	4.5
E	.9	.7	.2	.2								2.0	5.2
ESE	.5	.2	.1									.3	3.5
SE	.6	.5	.2	.2								1.6	5.5
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/HAC

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

SURFACE WINDS

STATION 93720 FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS MONTH ALL
 CLASS ALL WEATHER HOUR (L.S.T.) 0600-0800
 CONDITION

SPFD (KNTS) DIR.	1-3	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								5.7	5.7
NNE	.8	.6	.6									2.0	4.7
NE	.8	1.5	.8	.2								3.2	5.5
ENE	.4	.5	.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

03708 STATION POINT BELVOIR VA/DAVISON AAF STATION NAME 54-70 YEARS MAR MONTH
0900-1100 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.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	
	9.8	26.7	28.7	15.7	3.9	1.2	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

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

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	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	.7	1.1	.7									2.6	4.9
SE	1.7	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	.5								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	5.0	1.0	.3					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93720 STATION NAME FORT BELVIER VA/DAVISON AAF YEARS 57-70 MONTH JAN
 CLASS ALL WEATHER HOURS (L S T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	3.5	3.5	1.4	.1							9.1	7.3
NNE	.6	.8	.7									2.2	5.3
NE	.7	1.2	.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	.5	1.9	1.3	.3								4.0	6.5
SSE	.5	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	.9	1.2	.2	.1							2.8	6.9
WSW	.2	.9	.8	.5								2.5	7.9
W	.6	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	.1	3.3	3.7	5.3	.9	.3						16.4	10.2
NNW	.5	1.8	3.1	2.6	.7	.3						8.9	10.2
VARBL													
CALM												7.8	
	9.6	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

SURFACE WINDS

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

STATION 93726 STATION NAME FORT BELVOIR VA/DAVISON AAF YEARS 57-70 MONTH MAR
 CLASS ALL WEATHER MONTH 1860-2000
 HOUR (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.8	1.5	.7								5.7	6.0
NNE	.5	.5	1.3	.1								1.3	5.1
NE	.6	.7	.6									2.2	9.2
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	.4								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	.2						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

SURFACE WINDS

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

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	.9	1.7	1.2	.3	.1	.1						4.4	6.5
NNE	.7	.9	.2	.1								1.3	5.3
NE	.4	.9	.9	.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	.9	1.3	.3	.2								2.7	4.9
SSE	.9	1.3	.9									2.9	5.3
S	1.1	1.9	.6	.1								4.0	4.2
SSW	.4	.9	.9									1.6	5.4
SW	.4	.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	1.9	.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	
	15.0	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

SURFACE WINDS

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

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	1.7	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	1.8	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/MAC

SURFACE WINDS

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

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAM 57-70 YEARS APR MONTH
 ALL WEATHER CLASS 0300-0500 HOUR (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
NE	.2	1.7	.3	.2								2.4	5.5
ENE	.7	.6	.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

037th STATION FORT BELVOIR VA/DAVISON AAF 57-70 APR MONTH
STATION NAME YEARS
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	1.2	.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	.5	.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	2.8	2.6	1.3	.2	.1						9.1	6.9
NNW	1.0	1.2	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

9372A
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								2.7	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	.2	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
 DTIC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93728 STATION PORT BELVOIR VA/DAVISON AFB 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	5.9
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	.2	2.1	2.1	1.0								3.6	7.7
WSW	.2	.7	1.0	.0								2.5	8.1
W	.3	1.7	3.7	2.8	.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													
CAVA												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

SURFACE WINDS

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

98726
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.0	2.2	1.1	.1							6.0	7.8
NNE	.2	1.4	.3	.2								2.1	5.4
NE	.0	1.7	1.1	.2								3.9	5.6
ENE	.7	1.0	.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
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

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

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.3	1.7	.7	.1							4.5	7.6
NNE	.3	1.6	.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	1.8	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	1.8	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 937 FIPT HELVDIR VA/DAVISON AAF YEAR 57-70 MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.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	1.5	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	.2	.6	.2	.1								1.1	5.2
WSW	.2	.6	.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	.4	.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	.6									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	.6	.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	5.6
VARBL													
CALM												59.6	
	15.3	15.7	8.3	.9	.2							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 1502

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03700 STATION NAME FORT BELVOIR VA/DAVISON AAF YEARS 57-70 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 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	.0	.0	.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	.7								3.1	5.3
SSW	.5	.8	.4									1.6	5.0
SW	.5	.4	.1									.8	4.7
WSW	.5		.1									.4	3.4
W	1.1	1.4	.1									3.4	3.5
WNW	2.5	.1	.4		.1							4.0	4.1
NW	2.5	1.5	1.1		.1							5.5	5.4
NNW	.7	1.1	.6	.2								2.5	5.5
VARBL													
CALM												62.0	
	15.0	14.8	6.6	1.5	.1							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
 ETAC/USAI
 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

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	1.5	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	.6									3.5	4.5
S	2.1	2.8	.8	.4								6.1	5.0
SSW	.0	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	1.0	.5	.7	.6	.1							3.8	6.0
NW	3.2	2.3	2.5	.8	.7							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

SURFACE WINDS

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

93723
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JAY
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	.9	1.2	.9	.1								3.1	5.4
SE	1.2	2.5	1.8	.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	4.0
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

SURFACE WINDS

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

93722
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME59-70
YEARSMAY
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	.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	.6	2.3	1.2	.2								4.5	5.6
SE	1.2	2.2	2.7	.1								6.1	6.2
SSE	.4	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	.7	.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

SURFACE WINDS

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

93724 STATION FORT BELVOIR VA/DAVISON AAF 57-70 YEARS HAY 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	1.7	.1							6.1	7.2
NNE	.9	.8	.8	.2								2.3	5.1
NE	.2	1.8	.8	.1								2.9	5.7
ENE	.8	.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

SURFACE WINDS

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

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	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	.0	.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

SURFACE WINDS

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

STATION 03725 STATION NAME FORT BELVOIR VA/DAVISON AAF YEARS 57-70 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.5	.0	.3								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	2.8	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

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

SURFACE WINDS

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

STATION 93723 STATION NAME FORT BELVOIR VA/CAVISON AAF YEARS 57-70 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	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	.2	.6	.2									1.2	4.2
WSW	.2	.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

SURFACE WINDS

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

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS JUN 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	1.4	.2									2.7	3.9
NNE		.5										.5	4.5
NC	.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										.9	3.7
WSW	.7											.2	2.3
W	1.0	.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

SURFACE WINDS

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

9372A
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	.7	.2									.6	8.1
E	.7	1.0	.5									2.1	4.7
ESE	.9	.5	.2									1.1	4.0
SE	.0	.0	.2									1.2	4.3
SSE	1.3	.0	.2	.1								2.2	3.9
S	3.3	4.4	1.0									9.0	4.3
SSW	1.1	2.1	.8									4.4	4.5
SW	1.1	1.7	.4									3.4	4.3
WSW	.8	.6	.2									1.5	3.9
W	1.4	.7										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	9.4	.7								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

1260

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

82728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.6	2.9	.6								7.3	6.6
NNE	.8	1.9	.9	.1								3.9	5.2
NE	.8	1.7	1.3									3.9	5.5
ENE	.4	.7	.6									1.7	5.4
E	1.0	1.7	1.0	.2								3.9	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	2.7	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	2.7	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

SURFACE WINDS

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

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	0.2								6.1	6.4
NNE	0.4	1.0	0.7									2.7	5.3
NE	0.2	1.0	0.4									2.0	5.3
ENE	0.4	0.2	0.2									1.1	4.7
E	0.4	1.7	1.3									3.3	5.3
ESE	0.8	1.4	0.0									2.9	5.0
SE	0.9	3.1	1.9	0.2								6.0	6.0
SSE	1.0	3.1	2.6									6.7	5.9
S	2.7	7.1	7.8	0.7								18.1	6.4
SSW	0.2	4.3	2.8	0.4								7.9	6.1
SW	1.4	1.4	1.4	0.1								4.4	5.4
WSW	0.5	1.0	0.6									2.1	5.1
W	1.0	3.2	2.3	0.3								6.8	6.0
WNW	0.0	1.0	1.4	0.6								4.2	7.0
NW	1.9	2.9	3.8	1.4	0.1							9.4	7.4
NNW	0.0	2.1	2.9	1.2	0.1							7.0	7.7
VARBL													
CALM												8.7	
	14.3	38.3	33.7	4.8	0.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1200

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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	.4	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	3.2	1.2	.1							8.1	7.6
NNW	.5	2.2	1.7	.7								5.6	6.8
VARBL													
CALM												9.4	
	16.1	42.7	26.7	3.7	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 9372P STATION NAME FORT BELVOIR VA/DAVISON AAF YEARS 57-70 MONTH JUN
 CLASS ALL WEATHER HOURS (L.G.T.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.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	.9	.4										.9	3.6
E	.9	1.2	.2									2.5	4.2
ESE	1.0	.9	.1									2.0	3.9
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

SURFACE WINDS

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

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

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

SURFACE WINDS

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

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	.8	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

SURFACE WINDS

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

9372B
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

JUL
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	1.1	.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	.5	.8										1.2	3.5
SSE	.7	1.2	.5									2.3	4.8
S	1.5	2.2	.8									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	.8	.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	19.5	6.0	.6								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS

1302

3

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

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	3.6	1.5	.0								0.3	6.0
NNE	1.2	1.6	.2									2.9	3.9
NE	1.3	1.3	.7									3.5	4.4
ENE	.8	1.2	.3									2.1	4.8
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	.2								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	4.8
WNW	1.3	2.0	1.3	.4								5.0	5.7
NW	1.7	3.6	3.4	.7								9.5	6.8
NNW	1.4	2.9	2.6	.9								6.4	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

93772
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	40 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.8	1.8	.5								6.5	5.1
NNE	.7	.2	.4	.1								1.4	5.1
NE	1.0	1.2	.4									2.6	4.2
ENE	.6	.3	.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	2.9	.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	.8								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

SURFACE WINDS

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

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	.9	.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	1.8	.2								7.1	5.4
S	3.1	8.7	4.8	.4	.1							17.7	5.4
SSW	2.0	3.8	2.6	.2								7.7	5.3
SW	.5	2.8	1.8	.2								5.2	6.1
WSW	.7	1.2	.9									2.4	5.0
W	1.3	3.9	1.3	.1	.1							6.2	5.2
WNW	.4	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	.4							6.0	7.1
VARBL													
CALM												13.1	
	18.6	41.2	23.0	2.1	.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	.4	.4	.2									.8	4.0
NE	.2	.4	.2	.1								.9	4.9
ENE	.4	.2										.7	3.2
E	1.0	.2	.2									1.8	3.5
ESE	1.2	.4	.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	1.5	.4									3.5	4.0
WSW	.4	.4	.2									1.0	4.2
W	.4	1.0	.2	.1								2.3	4.5
WNW	1.2	1.0	.4			.1						2.7	4.7
NW	1.4	.7	.4	.2		.1						3.6	5.6
NNW	.4	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/MAC

SURFACE WINDS

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

9372A
STATION

FORT BELVOIR VA/ AVISON AAF
STATION NAME

59-70
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									.9	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	1.2	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	.5	.4	.2	.1								1.5	4.1
WNW	1.4	.7	.2	.2								2.4	4.2
NW	2.7	2.1	.2	.2								5.2	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

93727
STATION

FORT BELVOIR VA/DAVISON AFB
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									.8	7.0
E	.5	.3										.9	3.3
ESE	.1	.3	.2									.8	4.4
SE	.5	.3										3.7	3.3
SSE	2.1	1.3	.3									3.6	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

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

SURFACE WINDS

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

STATION 93720 STATION NAME FORT BELVOIR VA/DAVISON AAF YEARS 57-70 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	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

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

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	1.6	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	5.5
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

SURFACE WINDS

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

93728
STATION

PORT HELVIER VA/DAVISON AAF
STATION NAME

57-70
YEAR

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.7	2.6	.2	.1							7.7	6.3
NNE	.5	1.6	.6	.2								3.3	3.3
NE	.3	.7	.8									2.1	3.3
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	3.3
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	1.2	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	3.7
W	1.2	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	1.2	.1							9.8	7.6
NNW	.9	2.2	1.9	.5								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

SURFACE WINDS

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

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	2.6	.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

SURFACE WINDS

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

93728
STATION

FORT BELVOIR VA/OAVISON 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	2.2	3.1	1.2									6.5	4.5
S	3.5	4.4	.4									8.2	3.9
SSW	1.7	1.2	.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

SURFACE WINDS

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

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	.3	.2										.5	3.1
NE	.2	.4	.1									.7	4.2
ENE	.2		.1									.3	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													
CALM												70.0	
	14.6	11.6	3.7	.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
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSSEP
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	.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		.2	.1									.4	5.6
E	.3	.4										.7	3.4
ESE	.2	.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	4.3
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

SURFACE WINDS

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

93728 STATION FORT BELVOIR VA/DAVISON AAF 57-70 YEAR SEP MONTH
 ALL WEATHER CLASS G300-0500 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

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

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
YAPBL													
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
STATIONFORT BELVIER VA/DAVISON AAF
STATION NAME57-70
YEARSSEP
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	1.8	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	1.5	.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)

92728 STATION FORT BELVOIR VA/DAVIS DR JAF STATION NAME 57-70 YEARS SEP MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	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	5.2	.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	2.5	.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 1239

DATA PROCESSING DIVISION
 FTAC/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

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	1.2	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

SURFACE WINDS

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

93726
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1000-2000
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	2.2	.9	.1								4.1	5.2
NNE	.3	.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	2.2	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	.6										.4	3.2
W	.3	.6										.9	4.2
WNW	1.6	1.2	.2									2.9	3.6
NW	1.2	1.7	.6									3.3	4.6
NNW	1.0	.6	.2	.7								2.1	4.5
VARBL													
CALM												62.5	
	13.2	10.4	4.0	.7								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
 ETAG/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

3

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	.9	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	.2	.1									.6	4.1
SE	.6	.7	.2									1.6	4.3
SSE	1.3	1.5	.6									3.3	4.4
S	1.1	1.5	.4		.1							3.1	4.6
SSW	.3	.3	.2									1.0	4.0
SW	.2	.3		.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	1.2	.3	.1								3.3	4.2
NNW	.1	.9	.3									2.0	4.3
VARBL													
CALM												70.6	
	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

SURFACE WINDS

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

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	.1	.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	.3	.2									1.0	4.0
S	.8	1.2	.3									2.3	4.2
SEW	.5	.4	.2									1.0	4.1
SW	.2	.4										.5	4.1
WSW	.7	.3										.9	2.8
W	1.5	.7	.2									2.9	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	1.3								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03728 STATION NAME FBRT BELVOIR VA/DAVISON AAF YEARS 57-70 MONTH DC1
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	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	.4	.4	.2									.8	4.3
ESE	.5		.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	5.0	1.2	.1							100.0	1.6

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)

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	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	.2	.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

SURFACE WINDS

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

STATION 93726 STATION NAME FORT BELVOIR VA/DAVISON AAF YEAR 57-70 MONTH OCT
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥55	%	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

SURFACE WINDS

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

93726
STATIONFIBRT BELVOIR VA/DAVISIN AAF
STATION NAME57-70
YEARSOCT
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	1.3	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	1.2	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	.9	.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								3.8	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	2.8	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
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSOCT
MONTHALL WEATHER
CLASS1500-1700
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	2.8	.5									5.5	3.9
S	3.3	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
W	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	.5							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	.0	.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

SURFACE WINDS

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	.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	.5	.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

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

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.7	1.0	.3	.2							2.8	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	.2	.3	.1									.7	3.0
SE	.6	.7	.2									1.5	4.3
SSE	1.0	.7										1.7	3.6
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	4.0	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

FIJRT BELVOIR VA/DAVISON 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	.4								2.9	6.8
NNE		.2	.6	.2								1.0	9.0
NE	.3	.4	.2	.1								1.0	5.4
ENE	.3	.3										.6	3.0
E	.3	.3										1.2	2.9
ESE	.3											.9	2.2
SE	.3	.1										1.1	4.2
SSE	.3	.5	.2									1.2	4.4
S	.8	1.3	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	5.3
NNW	.7	1.7	1.7	.8								4.6	6.6
VARBL													
CALM												60.1	
	13.4	12.9	9.1	3.3	.6	.1						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 1260

3

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

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.7	1.0	.2								4.0	6.5
NNE	.2	.7	.2	.1								.6	7.1
NE	.3	.7	.2									.8	4.3
ENE	.7	.4	.1									.7	3.2
E	.4	.7	.2									.9	4.7
ESE	.2	.4	.1									.7	3.9
SE	.6	.4	.2									1.2	3.9
SSE	.7	.4										1.2	3.5
S	1.4	1.6	.7	.7								3.6	4.8
SSW	.5	.6	.2									1.7	4.2
SW	.6	1.1	.2									1.9	4.3
WSW	.4	.4	.2									.8	4.6
W	1.6	1.7	.9	.2								4.3	4.9
WNW	4.2	1.3	2.0	1.1	.1							8.7	5.6
NW	1.6	2.3	3.2	1.7	.2							8.7	7.7
NNW	.4	1.4	1.4	.2	.2							3.6	7.4
VAPBL													
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

SURFACE WINDS

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

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

NDV
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	.7	.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

SURFACE WINDS

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

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	.8	.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	.2	.8	2.1	1.4	.4	.1						5.2	9.8
WNW	.2	.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.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.4	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	1.2	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

9272H
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

NDV
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	.8	.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

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

ALL WEATHER CLASS

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

SURFACE WINDS

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

93725
STATION

FHRT 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	1.3	1.5	1.3	.2								4.5	5.4
WNW	3.3	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	
	13.7	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

SURFACE WINDS

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

9372E
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.5	.9	.2								3.2	5.7
NNE	.5	.4										1.1	3.1
NE	.2	.2	.1									.5	4.0
ENE	.2		.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	.2	.2	.2									.5	5.9
S	.6	.7	.5	.1								2.1	5.1
SSW	.3	.7	.2									1.2	5.0
SW	.7	.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	1.9	.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

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93725
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	5.3
NNE	.5	.2	.2									.9	4.1
NE	.1	.5	.2									1.3	4.0
ENE	.4	.2	.2	.1								.8	4.9
E	.1	.4										.5	3.4
ESE	.2	.2										.4	3.0
SE	.2	.6	.1									.9	4.5
SSE	.2	.3	.1									.6	4.4
S	1.1	.8	.6									2.7	4.5
SSW	.1	.7	.2	.1								2.0	5.1
SW	.2	.4	.1									.8	4.5
WSW	.2	.2										.4	3.4
W	1.6	1.9	.6	.2								4.3	4.7
WNW	2.1	3.2	1.8	1.3	.2	.2						9.9	6.5
NW	1.0	3.2	2.8	3.1	.2	.2	.1					11.7	6.6
NNW	.1	1.5	2.1	.8								5.1	7.2
VARBL													
CALM												52.7	
	14.4	16.4	9.1	5.6	.4	.2	.1					100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 1302

3

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

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	.2								5.6	6.1
NNE	.9	.5	.3	.2								1.9	4.9
NE	.6	1.5	.5									2.5	4.6
ENE	.3	.9										1.2	3.9
E	.9	1.0	.2									2.0	3.8
ESE	.6	.3	.1									1.0	3.0
SE	.9	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	5.2
SW	.5	1.3	.5	.1								2.4	5.2
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	.1						14.1	10.5
NNW	.4	2.2	3.2	1.6	.2	.1						7.5	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

SURFACE WINDS

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

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	3.2
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

SURFACE WINDS

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

9372B
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSDEC
MONTHALL WEATHER
CLASS1500-1700
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	3.1	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									1.8	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	.8	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	5.2

TOTAL NUMBER OF OBSERVATIONS 1301

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93728
STATIONFORT BELVOIR VA/DAVISON AAF
STATION NAME57-70
YEARSDEC
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	.7	1.3	.8	.2								2.9	5.9
NNE	.5	.3	.2	.1								1.1	3.2
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	1.8	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

SURFACE WINDS

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

STATION 92728 STATION NAME FORT BELVOIR VA/DAVISON AAF YEARS 57-70 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	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	1.5	.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												54.7	
	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
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

92728
STATION

AIR BELVOIR VA/DAVISON AAF
STATION NAME

57-70
YEAR

ALL
MONTH

INSTRUMENT
CLASS

ALL
HOURS (L.S.T.)

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

CONDITION

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.4	1.5	.5	.1							7.3	5.6
NNE	1.2	2.2	1.1	.2	.0							4.8	5.2
NE	1.2	3.0	1.2	.3	.0							6.7	5.3
ENE	1.2	1.9	.7	.1								3.9	4.9
E	2.2	3.2	1.2	.3	.0							7.0	4.9
ESE	1.2	1.1	.2	.0								2.0	4.1
SE	1.1	1.0	.6	.2		.0						3.7	5.3
SSE	1.1	1.4	.6	.1								3.2	4.9
S	1.6	2.9	1.0	.1	.0							5.2	4.9
SSW	.7	1.0	.4	.0								2.1	4.8
SW	.5	.1	.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	.5	.0	.0						3.6	6.4
VARBL													
CALM												38.1	
	19.6	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	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																	
≥ 1800																	
≥ 1500					91.0												92.6
≥ 1200																	
≥ 1000																	
≥ 900																	
≥ 800																	
≥ 700																	
≥ 700																	
≥ 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

STATION: 147 STATION NAME: 147 YEARS: 7-7 MONTH: LL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

111
 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 ≥ 20000	17.2	11.2	11.7	12.9	14.0	14.3	15.1	15.9	16.2	16.1	16.1	16.2	16.3	16.3	16.4	16.5	16.5
IV 18000	16.5	10.2	10.3	11.6	12.7	13.0	13.8	14.6	14.9	14.8	14.8	14.9	15.0	15.0	15.1	15.1	15.2
IV 16000	15.7	9.3	9.3	10.6	11.7	12.0	12.8	13.6	13.9	13.8	13.8	13.9	14.0	14.0	14.1	14.1	14.2
IV 14000	14.8	8.4	8.4	9.7	10.8	11.1	11.9	12.7	13.0	12.9	12.9	13.0	13.1	13.1	13.2	13.2	13.3
IV 12000	13.9	7.5	7.5	8.8	9.9	10.2	11.0	11.8	12.1	12.0	12.0	12.1	12.2	12.2	12.3	12.3	12.4
IV 10000	13.0	6.6	6.6	7.9	9.0	9.3	10.1	10.9	11.2	11.1	11.1	11.2	11.3	11.3	11.4	11.4	11.5
IV 9000	12.1	5.7	5.7	7.0	8.1	8.4	9.2	10.0	10.3	10.2	10.2	10.3	10.4	10.4	10.5	10.5	10.6
IV 8000	11.2	4.8	4.8	6.1	7.2	7.5	8.3	9.1	9.4	9.3	9.3	9.4	9.5	9.5	9.6	9.6	9.7
IV 7000	10.3	3.9	3.9	5.2	6.3	6.6	7.4	8.2	8.5	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.8
IV 6000	9.4	3.0	3.0	4.3	5.4	5.7	6.5	7.3	7.6	7.5	7.5	7.6	7.7	7.7	7.8	7.8	7.9
IV 5000	8.5	2.1	2.1	3.4	4.5	4.8	5.6	6.4	6.7	6.6	6.6	6.7	6.8	6.8	6.9	6.9	7.0
IV 4500	7.6	1.2	1.2	2.5	3.6	3.9	4.7	5.5	5.8	5.7	5.7	5.8	5.9	5.9	6.0	6.0	6.1
IV 4000	6.7	0.3	0.3	1.6	2.7	3.0	3.8	4.6	4.9	4.8	4.8	4.9	5.0	5.0	5.1	5.1	5.2
IV 3500	5.8	0.4	0.4	0.7	1.8	2.1	2.9	3.7	4.0	3.9	3.9	4.0	4.1	4.1	4.2	4.2	4.3
IV 3000	4.9	0.5	0.5	0.8	1.9	2.2	3.0	3.8	4.1	4.0	4.0	4.1	4.2	4.2	4.3	4.3	4.4
IV 2500	4.0	0.6	0.6	0.9	2.0	2.3	3.1	3.9	4.2	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5
IV 2000	3.1	0.7	0.7	1.0	2.1	2.4	3.2	4.0	4.3	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.6
IV 1800	2.2	0.8	0.8	1.1	2.2	2.5	3.3	4.1	4.4	4.3	4.3	4.4	4.5	4.5	4.6	4.6	4.7
IV 1500	1.3	0.9	0.9	1.2	2.3	2.6	3.4	4.2	4.5	4.4	4.4	4.5	4.6	4.6	4.7	4.7	4.8
IV 1200	0.4	1.0	1.0	1.3	2.4	2.7	3.5	4.3	4.6	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.9
IV 1000	0.5	1.1	1.1	1.4	2.5	2.8	3.6	4.4	4.7	4.6	4.6	4.7	4.8	4.8	4.9	4.9	5.0
IV 900	0.6	1.2	1.2	1.5	2.6	2.9	3.7	4.5	4.8	4.7	4.7	4.8	4.9	4.9	5.0	5.0	5.1
IV 800	0.7	1.3	1.3	1.6	2.7	3.0	3.8	4.6	4.9	4.8	4.8	4.9	5.0	5.0	5.1	5.1	5.2
IV 700	0.8	1.4	1.4	1.7	2.8	3.1	3.9	4.7	5.0	4.9	4.9	5.0	5.1	5.1	5.2	5.2	5.3
IV 600	0.9	1.5	1.5	1.8	2.9	3.2	4.0	4.8	5.1	5.0	5.0	5.1	5.2	5.2	5.3	5.3	5.4
IV 500	1.0	1.6	1.6	1.9	3.0	3.3	4.1	4.9	5.2	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5
IV 400	1.1	1.7	1.7	2.0	3.1	3.4	4.2	5.0	5.3	5.2	5.2	5.3	5.4	5.4	5.5	5.5	5.6
IV 300	1.2	1.8	1.8	2.1	3.2	3.5	4.3	5.1	5.4	5.3	5.3	5.4	5.5	5.5	5.6	5.6	5.7
IV 200	1.3	1.9	1.9	2.2	3.3	3.6	4.4	5.2	5.5	5.4	5.4	5.5	5.6	5.6	5.7	5.7	5.8
IV 100	1.4	2.0	2.0	2.3	3.4	3.7	4.5	5.3	5.6	5.5	5.5	5.6	5.7	5.7	5.8	5.8	5.9
IV 0	1.5	2.1	2.1	2.4	3.5	3.8	4.6	5.4	5.7	5.6	5.6	5.7	5.8	5.8	5.9	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS: 12100

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	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.7	56.8	62.2	68.2	74.2	80.2	86.2	92.2	98.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9
IV ≥ 18000 16000	48.3	52.6	58.1	64.1	70.1	76.1	82.1	88.1	94.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8
IV ≥ 14000 2000	43.9	48.2	53.7	59.7	65.7	71.7	77.7	83.7	89.7	90.8	90.9	91.0	91.1	91.2	91.3	91.4
IV ≥ 10000 3000	39.5	43.8	49.3	55.3	61.3	67.3	73.3	79.3	85.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0
IV ≥ 8000 7000	35.1	39.4	44.9	50.9	56.9	62.9	68.9	74.9	80.9	82.0	82.1	82.2	82.3	82.4	82.5	82.6
IV ≥ 6000 5000	30.7	35.0	40.5	46.5	52.5	58.5	64.5	70.5	76.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2
IV ≥ 4500 4000	26.3	30.6	36.1	42.1	48.1	54.1	60.1	66.1	72.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8
IV ≥ 3500 3000	21.9	26.2	31.7	37.7	43.7	49.7	55.7	61.7	67.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4
IV ≥ 2500 2000	17.5	21.8	27.3	33.3	39.3	45.3	51.3	57.3	63.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0
IV ≥ 1500 1500	13.1	17.4	22.9	28.9	34.9	40.9	46.9	52.9	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.6
IV ≥ 1200 1000	9.7	14.0	19.5	25.5	31.5	37.5	43.5	49.5	55.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2
IV ≥ 900 800	6.3	10.6	16.1	22.1	28.1	34.1	40.1	46.1	52.1	53.2	53.3	53.4	53.5	53.6	53.7	53.8
IV ≥ 700 600	3.9	8.2	13.7	19.7	25.7	31.7	37.7	43.7	49.7	50.8	50.9	51.0	51.1	51.2	51.3	51.4
IV ≥ 500 400	2.5	6.8	12.3	18.3	24.3	30.3	36.3	42.3	48.3	49.4	49.5	49.6	49.7	49.8	49.9	50.0
IV ≥ 300 200	1.1	5.4	10.9	16.9	22.9	28.9	34.9	40.9	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6
IV ≥ 100 0	0.7	4.0	9.5	15.5	21.5	27.5	33.5	39.5	45.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2

TOTAL NUMBER OF OBSERVATIONS 9072

AIR FORCE DATA PROCESSING DIVISION
USAF ETAC
AIR REPORT NO. 11108/AFAC

CEILING VERSUS VISIBILITY

STATION 257 STATION NAME 307th TFW/CG 20th AF YEARS 57-70 MONTH 11

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 IV 20000	1.1	40.3	47.0	47.7	46.0	43.1	40.1	43.5	43.5	43.7	41.3	42.2	44.6	44.6	46.0	47.0
IV 18000	2.6	52.8	54.2	54.0	54.0	55.1	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.6
IV 16000	2.6	52.9	54.2	54.0	54.0	55.1	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.6
IV 14000	2.7	53.4	54.8	54.7	55.4	55.7	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2
IV 2000	3.4	55.8	57.5	57.9	58.0	58.4	58.7	58.9	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 10000	4.1	59.4	61.2	61.7	62.2	62.3	62.5	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 9000	4.3	60.1	61.9	62.4	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 8000	4.7	62.5	64.4	65.1	65.7	65.9	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 7000	5.0	64.4	66.5	67.2	67.9	68.0	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
IV 6000	5.5	65.9	68.1	68.9	69.5	69.7	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4
IV 5000	6.1	69.4	71.6	72.8	73.2	73.9	74.1	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6
IV 4500	6.2	70.2	72.8	73.9	74.6	74.8	75.2	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7
IV 4000	6.4	72.1	74.9	76.1	77.0	77.3	77.6	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 3500	6.4	72.8	75.7	76.9	77.9	78.2	78.7	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 3000	6.6	74.0	77.0	78.5	79.7	80.1	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 2500	6.7	74.9	78.1	79.7	81.0	81.4	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 2000	6.7	75.7	79.1	80.7	82.4	82.8	83.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 1800	6.7	75.8	79.2	80.9	82.4	83.0	83.6	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 1500	6.8	76.0	79.5	81.3	82.9	83.5	84.1	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1200	6.8	76.4	79.9	81.8	83.6	84.3	85.1	85.5	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0
IV 1000	6.8	76.7	80.4	82.4	84.3	85.1	86.2	86.6	86.9	87.1	87.4	87.4	87.5	87.5	87.6	87.6
IV 900	6.8	76.8	80.5	82.5	84.6	85.4	86.7	87.4	87.5	87.9	88.0	88.0	88.1	88.1	88.2	88.2
IV 800	6.8	76.9	80.7	82.9	85.1	86.1	87.5	88.3	88.4	88.9	89.1	89.1	89.3	89.3	89.4	89.4
IV 700	6.8	77.1	81.0	83.3	85.6	86.7	88.3	89.3	89.4	90.1	90.4	90.5	90.7	90.7	90.8	90.8
IV 600	6.8	77.2	81.1	83.5	86.1	87.3	89.2	90.4	90.6	91.5	91.8	91.9	92.2	92.2	92.3	92.4
IV 500	6.8	77.2	81.3	83.8	86.6	88.1	90.3	91.8	92.1	93.2	93.6	93.7	94.1	94.2	94.4	94.5
IV 400	6.8	77.3	81.4	84.0	86.9	88.4	90.9	92.6	92.9	94.2	94.5	94.7	95.5	95.7	95.9	96.1
IV 300	6.8	77.3	81.5	84.0	87.1	88.6	91.2	93.0	93.4	94.7	95.3	95.5	96.7	96.9	97.2	97.4
IV 200	6.8	77.3	81.5	84.0	87.1	88.6	91.2	93.1	93.5	94.8	95.4	95.6	97.5	97.8	98.2	98.4
IV 100	6.8	77.3	81.5	84.0	87.1	88.6	91.2	93.1	93.5	94.8	95.4	95.6	97.7	98.0	98.4	98.6
IV 0	6.8	77.3	81.5	84.0	87.1	88.6	91.2	93.1	93.5	94.8	95.4	95.6	97.7	98.0	98.4	98.6

TOTAL NUMBER OF OBSERVATIONS 941

DATA PREPARED BY DIVISION
 AFB
 AIR FORT GAVIN, CALIFORNIA

CEILING VERSUS VISIBILITY

STATION 37 STATION NAME TULLY YEARS 7-7 MONTH 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	≥ 3/16	≥ ¼	≥ 0
NO CEILING	2.4	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
≥ 2000	2.2	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
IV 18000	5.7	55.5	55.4	55.7	55.7	57.0	57.1	57.1	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.6
IV 16000	5.3	55.6	56.5	56.7	57.1	57.2	57.3	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.7
IV 14000	5.4	56.1	57.1	57.4	57.7	57.7	57.8	57.8	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.2
IV 12000	5.2	53.0	53.0	53.1	53.7	53.7	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.2
IV 10000	7.7	52.9	53.0	53.4	53.7	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.3
IV 9000	7.5	53.9	53.0	53.4	53.7	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.3
IV 8000	8.3	57.3	58.5	58.9	59.1	59.2	59.4	59.5	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9
IV 7000	5.0	4.3	71.7	71.1	71.5	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9
IV 6000	9.4	71.3	72.8	73.6	73.8	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.4	74.4
IV 5000	7.0	74.8	74.0	77.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4500	7.7	75.6	77.6	77.1	77.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 4000	1.7	76.4	77.5	77.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 3500	51.9	79.1	81.4	82.1	82.7	82.8	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 3000	22.2	80.3	82.0	83.6	84.1	84.5	84.7	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 2500	22.2	81.1	83.0	84.6	85.3	85.4	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2000	22.2	81.9	84.0	85.8	86.4	86.0	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 1800	22.2	82.1	84.9	86.8	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 1500	22.2	82.8	84.7	86.0	87.0	87.9	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 1200	22.2	83.3	86.3	87.6	88.7	89.1	89.5	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1000	22.3	83.7	87.1	88.3	89.1	89.0	90.0	90.7	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
IV 900	22.3	83.9	87.4	88.7	89.7	89.6	90.8	91.6	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
IV 800	22.3	84.2	87.8	89.1	89.7	89.5	90.8	91.7	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
IV 700	22.2	84.4	88.3	89.6	90.7	90.6	92.0	92.8	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
IV 600	22.3	84.6	88.5	89.8	90.4	90.4	92.0	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 500	22.3	84.6	88.0	89.6	90.8	90.8	92.1	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 400	22.3	84.7	88.7	89.7	90.7	90.7	92.1	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 300	22.3	84.7	88.7	89.7	90.7	90.7	92.1	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 200	22.3	84.7	88.7	89.7	90.7	90.7	92.1	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 100	22.3	84.7	88.7	89.7	90.7	90.7	92.1	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 0	22.3	84.7	88.7	89.7	90.7	90.7	92.1	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS 10516

DATA PROCESSING DIVISION
 USAF ETAC
 AIR FORCE ENGINEERING CENTER

CEILING VERSUS VISIBILITY

STATION: 147 STATION NAME: SAFETY FIELD YEARS: 1961-1962 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	55.3	55.4	55.4	55.4	55.4	55.4
18000 16000	3.2	57.7	59.2	60.1	60.4	60.5	60.5	60.5	60.5	60.9	61.1	61.1	61.1	61.2	61.2	61.4
14000 12000	3.3	58.2	59.8	61.4	61.5	61.1	61.2	61.4	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.6
10000 9000	3.4	58.6	60.3	63.1	63.2	63.7	63.9	64.0	64.0	64.2	64.2	64.2	64.3	64.3	64.4	64.5
8000 7000	3.5	58.7	61.0	63.8	63.8	64.7	64.7	64.9	64.9	65.1	65.2	65.2	65.3	65.3	65.4	65.4
6000 5000	3.6	58.7	61.0	63.8	63.8	64.7	64.7	64.9	64.9	65.1	65.2	65.2	65.3	65.3	65.4	65.4
4500 4000	3.7	58.8	61.1	63.9	63.9	64.8	64.8	65.0	65.0	65.2	65.3	65.3	65.4	65.4	65.5	65.5
3500 3000	3.8	58.9	61.2	64.0	64.0	64.9	64.9	65.1	65.1	65.3	65.4	65.4	65.5	65.5	65.6	65.6
2500 2000	3.9	59.0	61.3	64.1	64.1	65.0	65.0	65.2	65.2	65.4	65.5	65.5	65.6	65.6	65.7	65.7
1800 1500	4.0	59.1	61.4	64.2	64.2	65.1	65.1	65.3	65.3	65.5	65.6	65.6	65.7	65.7	65.8	65.8
1200 1000	4.1	59.2	61.5	64.3	64.3	65.2	65.2	65.4	65.4	65.6	65.7	65.7	65.8	65.8	65.9	65.9
900 800	4.2	59.3	61.6	64.4	64.4	65.3	65.3	65.5	65.5	65.7	65.8	65.8	65.9	65.9	66.0	66.0
700 600	4.3	59.4	61.7	64.5	64.5	65.4	65.4	65.6	65.6	65.8	65.9	65.9	66.0	66.0	66.1	66.1
500 400	4.4	59.5	61.8	64.6	64.6	65.5	65.5	65.7	65.7	65.9	66.0	66.0	66.1	66.1	66.2	66.2
300 200	4.5	59.6	61.9	64.7	64.7	65.6	65.6	65.8	65.8	66.0	66.1	66.1	66.2	66.2	66.3	66.3
100 0	4.6	59.7	62.0	64.8	64.8	65.7	65.7	65.9	65.9	66.1	66.2	66.2	66.3	66.3	66.4	66.4

TOTAL NUMBER OF OBSERVATIONS: 10416

DATA PROCESSING DIVISION
 USAF ETAC
 414 PATENT OFFICE BLDG

CEILING VERSUS VISIBILITY

STATION: 414 PATENT OFFICE BLDG STATION NAME: 414 PATENT OFFICE BLDG YEARS: 7-76 MONTH: ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.7	52.8	46.0	40.2	33.1	27.4	22.9	18.1	13.1	8.2	4.2	0.2	0.2	0.2	0.2	0.3
≥ 20000	65.1	50.2	44.5	38.5	31.4	25.7	21.0	16.2	11.2	6.3	2.3	0.3	0.3	0.3	0.3	0.3
IVV 18000	65.1	50.3	44.5	38.5	31.4	25.7	21.0	16.2	11.2	6.3	2.3	0.3	0.3	0.3	0.3	0.3
IVV 16000	65.1	50.3	44.5	38.5	31.4	25.7	21.0	16.2	11.2	6.3	2.3	0.3	0.3	0.3	0.3	0.3
IVV 14000	65.2	50.4	44.6	38.6	31.5	25.8	21.1	16.3	11.3	6.4	2.4	0.4	0.4	0.4	0.4	0.4
IVV 12000	65.7	50.6	44.7	38.7	31.6	25.9	21.2	16.4	11.4	6.5	2.5	0.5	0.5	0.5	0.5	0.5
IVV 10000	65.8	50.7	44.8	38.8	31.7	26.0	21.3	16.5	11.5	6.6	2.6	0.6	0.6	0.6	0.6	0.6
IVV 9000	65.9	50.8	44.9	38.9	31.8	26.1	21.4	16.6	11.6	6.7	2.7	0.7	0.7	0.7	0.7	0.7
IVV 8000	66.0	50.9	45.0	39.0	31.9	26.2	21.5	16.7	11.7	6.8	2.8	0.8	0.8	0.8	0.8	0.8
IVV 7000	66.1	51.0	45.1	39.1	32.0	26.3	21.6	16.8	11.8	6.9	2.9	0.9	0.9	0.9	0.9	0.9
IVV 6000	66.2	51.1	45.2	39.2	32.1	26.4	21.7	16.9	11.9	7.0	3.0	1.0	1.0	1.0	1.0	1.0
IVV 5000	66.3	51.2	45.3	39.3	32.2	26.5	21.8	17.0	12.0	7.1	3.1	1.1	1.1	1.1	1.1	1.1
IVV 4500	66.4	51.3	45.4	39.4	32.3	26.6	21.9	17.1	12.1	7.2	3.2	1.2	1.2	1.2	1.2	1.2
IVV 4000	66.5	51.4	45.5	39.5	32.4	26.7	22.0	17.2	12.2	7.3	3.3	1.3	1.3	1.3	1.3	1.3
IVV 3500	66.6	51.5	45.6	39.6	32.5	26.8	22.1	17.3	12.3	7.4	3.4	1.4	1.4	1.4	1.4	1.4
IVV 3000	66.7	51.6	45.7	39.7	32.6	26.9	22.2	17.4	12.4	7.5	3.5	1.5	1.5	1.5	1.5	1.5
IVV 2500	66.8	51.7	45.8	39.8	32.7	27.0	22.3	17.5	12.5	7.6	3.6	1.6	1.6	1.6	1.6	1.6
IVV 2000	66.9	51.8	45.9	39.9	32.8	27.1	22.4	17.6	12.6	7.7	3.7	1.7	1.7	1.7	1.7	1.7
IVV 1800	67.0	51.9	46.0	40.0	32.9	27.2	22.5	17.7	12.7	7.8	3.8	1.8	1.8	1.8	1.8	1.8
IVV 1500	67.1	52.0	46.1	40.1	33.0	27.3	22.6	17.8	12.8	7.9	3.9	1.9	1.9	1.9	1.9	1.9
IVV 1200	67.2	52.1	46.2	40.2	33.1	27.4	22.7	17.9	12.9	8.0	4.0	2.0	2.0	2.0	2.0	2.0
IVV 1000	67.3	52.2	46.3	40.3	33.2	27.5	22.8	18.0	13.0	8.1	4.1	2.1	2.1	2.1	2.1	2.1
IVV 900	67.4	52.3	46.4	40.4	33.3	27.6	22.9	18.1	13.1	8.2	4.2	2.2	2.2	2.2	2.2	2.2
IVV 800	67.5	52.4	46.5	40.5	33.4	27.7	23.0	18.2	13.2	8.3	4.3	2.3	2.3	2.3	2.3	2.3
IVV 700	67.6	52.5	46.6	40.6	33.5	27.8	23.1	18.3	13.3	8.4	4.4	2.4	2.4	2.4	2.4	2.4
IVV 600	67.7	52.6	46.7	40.7	33.6	27.9	23.2	18.4	13.4	8.5	4.5	2.5	2.5	2.5	2.5	2.5
IVV 500	67.8	52.7	46.8	40.8	33.7	28.0	23.3	18.5	13.5	8.6	4.6	2.6	2.6	2.6	2.6	2.6
IVV 400	67.9	52.8	46.9	40.9	33.8	28.1	23.4	18.6	13.6	8.7	4.7	2.7	2.7	2.7	2.7	2.7
IVV 300	68.0	52.9	47.0	41.0	33.9	28.2	23.5	18.7	13.7	8.8	4.8	2.8	2.8	2.8	2.8	2.8
IVV 200	68.1	53.0	47.1	41.1	34.0	28.3	23.6	18.8	13.8	8.9	4.9	2.9	2.9	2.9	2.9	2.9
IVV 100	68.2	53.1	47.2	41.2	34.1	28.4	23.7	18.9	13.9	9.0	5.0	3.0	3.0	3.0	3.0	3.0
IVV 0	68.3	53.2	47.3	41.3	34.2	28.5	23.8	19.0	14.0	9.1	5.1	3.1	3.1	3.1	3.1	3.1

TOTAL NUMBER OF OBSERVATIONS 10000

3

DATA PROCESSING DIVISION
USAF ETAC
12345678901234567890

CEILING VERSUS VISIBILITY

STATION: 12345678901234567890 STATION NAME: 12345678901234567890 YEARS: 1970-1971 MONTH: 12 HOURS (L.S.): 12

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	11.7	67.0	21.3	53.5	54.6	55.1	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 20000	11.7	74.9	60.2	62.6	63.1	63.7	63.1	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 18000	11.3	55.0	50.1	62.7	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 16000	11.3	55.1	50.2	62.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 14000	12.1	56.0	61.2	63.8	65.3	65.9	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 12000	12.5	59.2	54.8	67.6	68.2	68.8	70.2	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 10000	13.0	54.0	70.7	73.5	75.5	76.2	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 9000	13.1	54.6	71.0	74.3	76.3	77.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 8000	13.3	57.1	72.8	77.3	79.4	80.2	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 7000	13.4	57.8	74.0	78.2	80.3	81.1	81.7	81.9	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2
IV 6000	13.4	58.3	75.3	78.9	81.3	81.8	82.5	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0
IV 5000	13.5	58.7	75.9	80.7	82.9	83.9	84.5	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1
IV 4500	13.5	59.0	77.2	81.1	83.3	84.3	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4000	13.9	71.6	79.2	82.2	83.7	84.8	87.4	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3500	13.8	72.0	79.7	83.8	85.3	87.4	88.1	88.4	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7
IV 3000	14.0	73.4	81.4	85.7	88.4	89.4	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 2500	14.1	74.2	82.4	86.8	89.5	91.6	91.4	91.7	91.6	91.8	92.0	92.1	92.1	92.1	92.1	92.1
IV 2000	14.1	74.9	83.3	87.0	90.0	91.7	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1800	14.1	75.1	83.5	88.0	90.9	92.0	92.8	93.2	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6
IV 1500	14.1	75.4	84.0	88.5	91.5	92.7	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1200	14.1	76.3	85.1	89.9	93.0	94.2	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1000	14.2	76.7	85.8	90.7	93.9	95.2	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 900	14.2	76.9	86.0	91.1	94.3	95.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 800	14.2	77.0	86.1	91.3	94.0	95.3	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 700	14.2	77.2	86.4	91.6	95.1	96.4	97.5	98.1	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	14.2	77.3	86.9	91.7	95.2	96.6	97.7	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	14.2	77.3	86.9	91.8	95.3	96.7	97.9	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	14.2	77.3	86.6	91.8	95.4	96.8	98.0	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	14.2	77.3	86.6	91.8	95.4	96.8	98.0	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	14.2	77.3	86.6	91.8	95.4	96.8	98.0	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	14.2	77.3	86.6	91.8	95.4	96.8	98.0	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	14.2	77.3	86.6	91.8	95.4	96.8	98.0	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 10413

ATA PROCESSING DIVISION
USAF ETAC
AIR REPORT OF VICT/MAC

CEILING VERSUS VISIBILITY

STATION: PORT MERVILLE VICT/MAC YEARS: 7-73 MONTH: 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	1.6	7.6	12.7	55.6	56.4	57.2	57.4	59.1	58.1	5.3	58.3	51.4	58.4	52.4	56.4	55.4
≥ 20000	1.3	5.7	11.9	64.9	66.0	67.2	67.8	68.1	68.1	61.2	63.3	62.4	62.4	62.4	63.4	63.4
IVM 18500	10.3	45.7	61.9	62.3	66.6	67.2	67.8	68.1	68.2	65.3	68.4	64.4	64.4	64.5	64.4	63.5
IVM 16000	10.3	45.9	63.1	62.2	66.8	67.4	67.9	68.1	68.4	66.4	61.3	68.6	68.6	68.6	68.7	67.7
IVM 14000	10.4	46.8	63.0	65.2	67.9	67.5	67.1	69.4	69.4	69.4	67.4	67.7	69.7	69.8	69.7	67.6
IVM 12000	11.1	48.1	66.0	71.0	71.7	72.3	73.0	73.3	73.4	71.3	73.5	73.7	73.7	73.7	73.7	73.7
IVM 10000	11.4	44.6	71.7	73.7	77.1	77.2	76.0	78.2	79.0	77.2	79.3	79.3	79.3	79.3	79.3	78.2
IVM 9000	11.5	45.3	72.7	76.3	78.2	77.2	79.5	80.0	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.3
IVM 8000	11.7	7.4	75.0	75.8	81.2	81.0	82.4	82.8	82.9	81.1	83.2	83.2	83.2	83.2	83.2	83.2
IVM 7000	11.9	10.1	75.8	79.7	81.3	82.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.3
IVM 6000	12.0	13.6	76.4	80.4	82.5	83.1	84.1	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IVM 5000	12.2	19.9	77.9	81.2	84.1	84.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IVM 4500	12.3	70.3	78.4	82.4	84.1	85.4	85.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IVM 4000	12.5	11.6	79.4	84.2	85.4	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IVM 3500	12.5	72.1	81.4	84.7	87.0	87.2	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IVM 3000	12.5	73.1	81.7	86.2	88.0	89.5	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IVM 2500	12.7	73.8	82.7	87.5	89.9	90.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IVM 2000	12.8	74.4	83.5	88.5	91.0	92.1	93.1	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IVM 1800	12.8	74.6	83.7	88.7	91.3	92.4	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IVM 1500	12.8	74.9	84.2	89.3	91.9	93.0	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVM 1200	12.9	75.3	84.7	89.9	92.7	93.9	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVM 1000	12.8	75.6	85.2	90.5	93.4	94.4	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IVM 900	12.8	75.6	85.7	91.1	93.8	94.5	96.2	96.4	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4
IVM 800	12.8	75.8	85.5	91.1	94.1	95.3	96.8	97.4	97.5	97.8	98.1	98.1	98.2	98.2	98.2	98.2
IVM 700	12.9	75.9	85.7	91.2	94.3	95.6	97.1	97.3	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4
IVM 600	12.9	76.0	85.9	91.5	94.7	96.1	97.6	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVM 500	12.9	76.0	85.9	91.5	94.7	96.1	97.6	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVM 400	12.9	76.1	86.0	91.7	95.0	96.5	98.1	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 300	12.9	76.1	86.0	91.7	95.0	96.5	98.1	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 200	12.9	76.1	86.0	91.7	95.0	96.5	98.1	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 100	12.9	76.1	86.0	91.7	95.0	96.5	98.1	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 0	12.9	76.1	86.0	91.7	95.0	96.5	98.1	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 109.5

WALDEN PROCESSING DIVISION
 WSCAF 174
 WSCAF 174 DIVISION

CEILING VERSUS VISIBILITY

STATION: WSCAF 174 STATION NAME: WSCAF 174 YEARS: 1973 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	60.3	64.2	67.7	73.4	60.7	61.4	61.8	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.5
IV 20000	60.3	64.2	67.7	73.4	60.7	61.4	61.8	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.5
IV 18000	60.3	64.2	67.7	73.4	60.7	61.4	61.8	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.5
IV 16000	60.3	64.2	67.7	73.4	60.7	61.4	61.8	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.5
IV 14000	67.0	69.7	69.6	64.7	67.4	67.8	63.3	62.5	68.6	67.8	68.9	68.9	67.6	67.0	69.0	69.1
IV 12000	67.2	61.6	64.7	64.7	67.4	67.8	63.3	62.5	68.6	67.8	68.9	68.9	67.6	67.0	69.0	69.1
IV 10000	67.7	65.1	69.5	72.1	73.9	74.5	73.1	75.4	75.4	75.4	75.7	75.7	75.3	75.5	75.0	75.4
IV 9000	67.7	65.1	69.5	72.1	73.9	74.5	73.1	75.4	75.4	75.4	75.7	75.7	75.3	75.5	75.0	75.4
IV 8000	68.2	67.8	72.5	75.4	77.4	74.3	78.5	79.9	79.9	79.9	79.1	79.2	79.3	79.3	79.4	79.5
IV 7000	68.2	67.8	72.5	75.4	77.4	74.3	78.5	79.9	79.9	79.9	79.1	79.2	79.3	79.3	79.4	79.5
IV 6000	68.3	69.3	74.2	77.2	77.1	79.2	81.4	81.0	80.9	81.0	81.2	81.2	81.3	81.7	81.4	81.4
IV 5000	68.5	70.7	74.9	73.9	79.9	80.7	81.2	82.8	82.8	82.9	83.0	83.0	83.1	83.2	83.2	83.3
IV 4500	68.6	71.1	70.3	79.4	81.4	82.2	82.7	83.1	83.3	83.4	83.5	83.5	83.6	83.7	83.7	83.8
IV 4000	68.9	72.8	74.2	81.4	83.0	84.2	84.7	85.2	85.7	85.8	85.8	85.8	85.7	85.7	85.8	85.8
IV 3500	68.1	73.4	74.9	82.2	84.3	85.1	85.7	86.1	86.3	86.4	86.6	86.6	86.7	86.7	86.8	86.8
IV 3000	68.2	74.7	75.3	83.9	85.1	86.9	87.5	88.5	88.1	88.1	88.4	88.4	88.5	88.5	88.6	88.7
IV 2500	69.2	75.5	61.2	84.8	87.2	88.1	88.7	89.2	89.4	89.5	89.9	89.9	89.8	89.8	89.9	89.9
IV 2000	69.4	76.1	82.1	86.5	88.4	89.3	90.0	90.1	90.6	90.6	90.9	90.9	90.9	91.0	91.1	91.2
IV 1800	69.4	76.2	82.3	85.7	88.6	89.8	90.2	90.7	90.9	91.1	91.2	91.2	91.2	91.3	91.3	91.4
IV 1500	69.6	76.6	82.8	86.9	89.4	90.4	91.1	91.1	91.6	91.6	92.0	92.1	92.1	92.2	92.3	92.4
IV 1200	69.4	76.9	83.4	87.6	90.2	91.0	92.1	92.0	92.8	93.7	93.2	93.7	93.7	93.3	93.3	93.4
IV 1000	69.4	77.2	83.9	88.3	91.1	92.2	93.1	93.7	93.8	94.1	94.2	94.2	94.4	94.4	94.5	94.5
IV 900	69.4	77.3	83.9	88.4	91.3	92.5	93.5	94.0	94.2	94.5	94.6	94.7	94.8	94.8	94.9	94.9
IV 800	69.4	77.4	84.1	88.7	91.7	93.7	94.0	94.7	94.9	95.2	95.4	95.4	95.5	95.6	95.6	95.7
IV 700	69.4	77.6	84.3	89.1	92.1	93.5	94.7	95.4	95.6	96.0	96.1	96.2	96.4	96.4	96.5	96.5
IV 600	69.4	77.6	84.5	89.2	92.3	93.8	95.2	96.0	96.3	96.6	96.8	96.8	97.1	97.1	97.2	97.3
IV 500	69.4	77.7	84.6	89.4	92.5	94.2	95.8	96.9	97.1	97.5	97.9	97.9	98.1	98.2	98.4	98.4
IV 400	69.4	77.7	84.6	89.5	92.6	94.3	96.1	97.3	97.6	98.1	98.4	98.4	98.7	98.8	98.8	98.9
IV 300	69.4	77.7	84.6	89.5	92.7	94.4	96.2	97.5	97.7	98.3	98.7	98.7	99.1	99.1	99.2	99.3
IV 200	69.4	77.7	84.6	89.5	92.7	94.4	96.2	97.5	97.8	98.4	98.8	98.8	99.2	99.4	99.5	99.6
IV 100	69.4	77.7	84.6	89.5	92.7	94.4	96.2	97.5	97.8	98.5	98.8	98.8	99.4	99.5	99.6	99.7
IV 0	69.6	77.7	84.6	89.5	92.7	94.4	96.2	97.5	97.9	98.5	98.8	98.8	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1027

STATION NAME: ...
 STATION ID: ...
 DATE: ...

CEILING VERSUS VISIBILITY

STATION: ... 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING
IV 20000
IV 18000
IV 16000
IV 14000
IV 12000
IV 10000
IV 9000
IV 8000
IV 7000
IV 6000
IV 5000
IV 4500
IV 4000
IV 3500
IV 3000
IV 2500
IV 2000
IV 1800
IV 1500
IV 1200
IV 1000
IV 900
IV 800
IV 700
IV 600
IV 500
IV 400
IV 300
IV 250
IV 100
IV 0

TOTAL NUMBER OF OBSERVATIONS: 10614

UNIT NO. 1551, DIVISION
 STATION
 DATE

CEILING VERSUS VISIBILITY

STATION 1551 STATION NAME 1551 YEARS 1-11 MONTH 11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST) 11

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

TOTAL NUMBER OF OBSERVATIONS 100

AFPC... DIVISION
USAF ETAC...
FM... OFFICE/MAJ

CEILING VERSUS VISIBILITY

STATION: _____ STATION NAME: _____ YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS: _____

3

T. PROSS, DIVISION
 AIR FORCE
 WASHINGTON, D.C.

CEILING VERSUS VISIBILITY

STATION: _____ STATION NAME: _____ YEARS: _____ MONTH: _____
CEILING - FEET HOURLY OBSERVATIONS

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	21.5	34.5	34.5	32.7	30.0	25.0	20.0	15.0	10.0	5.0	2.0	1.0	0.5	0.2	0.1	0.0
≥ 20000	7.9	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 18000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
16000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 14000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
12000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 10000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
9000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 8000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
7000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 6000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
5000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 4500	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
4000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 3500	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
3000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 2500	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
2000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 1800	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
1500	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 1200	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
1000	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 900	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
800	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 700	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
600	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 500	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
400	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 300	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
200	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
IVW 100	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0
0	7.8	12.9	12.9	12.9	12.1	10.0	8.0	6.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 1200

UNITED STATES AIR FORCE DIVISION
 WASHINGTON, D. C.
 AIR FORCE HEADQUARTERS

CEILING VERSUS VISIBILITY

STATION: WRIGHT FIELD AIRFIELD, CLEVELAND, OHIO YEARS: 1947
 MONTH: 1947-0501
 HOURS (L.S.T.): 1200

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	71.0	58.8	51.7	43.4	33.0	23.0	14.0	8.0	5.0	3.0	2.0	1.0	0.5	0.2	0.1	0.0
≥ 20000	50.2	38.1	31.0	22.7	12.3	7.0	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0
IV 18000	36.2	24.1	17.0	8.7	4.3	2.0	1.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
IV 16000	26.3	14.2	7.1	3.6	1.8	0.9	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IV 14000	16.9	8.1	4.2	2.0	1.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IV 12000	7.9	4.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IV 10000	4.4	2.0	1.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IV 9000	3.4	1.5	0.8	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IV 8000	2.9	1.1	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IV 7000	2.0	0.8	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IV 6000	1.3	0.5	0.3	0.1	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 5000	0.7	0.3	0.2	0.1	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 4500	0.6	0.2	0.1	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 4000	0.5	0.2	0.1	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 3500	0.4	0.1	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 3000	0.3	0.1	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 2500	0.2	0.1	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 2000	0.1	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 1800	0.1	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 1500	0.1	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 1200	0.1	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 1000	0.1	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 900	0.1	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 800	0.1	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 700	0.1	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 600	0.1	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 500	0.1	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 400	0.1	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 300	0.1	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 200	0.1	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	0.1	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 0	0.1	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: 1200

DATA PROCESSING DIVISION
 USAF ETAC
 1515 LAFB AVENUE/700

CEILING VERSUS VISIBILITY

STATION: 173 STATION NAME: 1. T. S. W. V. VIS. ST. 1 YEARS: 50-71 MONTH: 01

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO. OF OBS.
 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	17.6	50.8	52.7	55.4	55.0	51.1	51.3	51.5	51.6	51.7	51.7	51.7	51.9	51.5	51.9	51.7
IV 20000	17.6	50.8	52.7	55.4	55.0	51.1	51.3	51.5	51.6	51.7	51.7	51.7	51.9	51.5	51.9	51.7
IV 18000	17.4	50.8	52.5	55.2	55.0	51.0	50.2	50.5	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.8
IV 16000	17.9	50.8	52.5	55.2	55.0	51.0	50.2	50.5	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.8
IV 14000	17.7	51.4	55.2	55.1	56.2	56.6	55.9	57.0	57.2	57.2	57.2	57.2	57.3	57.5	57.5	57.5
IV 12000	18.2	53.3	57.0	57.7	58.1	58.5	58.9	59.1	59.2	59.3	59.3	59.3	59.3	59.4	59.5	59.5
IV 10000	19.3	57.0	61.1	61.9	62.3	62.6	63.3	63.4	63.5	63.6	63.6	63.6	63.8	63.8	63.8	63.8
IV 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	64.8	64.8	64.8	64.8
IV 8000	19.4	60.5	65.2	65.9	66.3	66.7	67.2	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8
IV 7000	20.9	62.9	67.7	67.7	69.2	69.7	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 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	73.4	73.4	73.4	73.4
IV 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	76.5	76.5	76.5	76.5
IV 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
IV 4000	21.3	70.3	75.8	77.2	75.5	76.9	74.5	76.1	80.1	80.2	80.2	80.2	80.4	80.4	80.4	80.4
IV 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	81.3	81.3	81.3	81.3
IV 3000	21.3	71.9	77.5	79.7	81.1	81.5	82.2	82.7	82.8	82.8	82.8	83.0	83.1	83.1	83.1	83.1
IV 2500	21.3	72.1	77.8	80.1	81.5	82.1	82.9	83.3	83.5	83.7	83.8	83.8	84.1	84.1	84.1	84.1
IV 2000	21.3	72.4	78.2	81.6	82.2	82.3	83.6	84.2	84.4	84.6	84.6	84.7	84.9	84.9	84.9	84.9
IV 1800	21.3	72.5	78.3	80.8	82.5	83.1	84.0	84.9	84.7	84.9	84.9	84.9	85.3	85.3	85.4	85.4
IV 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	86.5	86.5	86.6	86.6
IV 1200	21.3	73.9	80.0	82.5	84.5	85.1	86.0	86.6	86.8	87.1	87.1	87.2	87.5	87.5	87.6	87.6
IV 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	88.7	88.7	88.8	88.8
IV 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	88.9	88.9	89.0	89.0
IV 800	21.4	74.6	81.0	84.0	86.1	86.9	87.9	88.8	89.1	89.4	89.5	89.5	89.7	89.8	89.8	89.8
IV 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	91.0	91.0	91.1	91.1
IV 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	91.6	91.6	91.7	91.7
IV 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	92.8	92.8	93.1	93.1
IV 400	21.5	75.1	81.7	85.3	87.8	88.9	90.3	91.4	92.1	92.7	93.2	93.4	94.0	94.0	94.1	94.1
IV 300	21.5	75.1	81.7	85.2	88.1	89.2	90.7	92.7	92.6	93.3	93.7	93.9	94.6	94.6	95.1	95.1
IV 200	21.5	75.1	81.7	85.2	88.1	89.2	90.7	92.9	93.3	94.0	94.7	95.2	95.9	96.1	96.2	96.2
IV 100	21.5	75.1	81.7	85.2	88.1	89.2	90.7	93.1	93.5	94.4	95.1	95.5	96.4	96.5	96.7	96.7
IV 0	21.5	75.1	81.7	85.2	88.1	89.2	90.7	93.1	93.5	94.4	95.1	95.5	96.4	96.7	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 1200

DATA PROCESSING DIVISION
USAF ETAC
AFIP DATE 11-11-60

CEILING VERSUS VISIBILITY

STATION: 14-7 32LV IR V/AVIS/11 AAF (SB-73) YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-1150
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	19.3	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 20000	20.8	51.7	54.8	56.3	57.5	57.7	57.3	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 18000	20.8	51.7	54.8	56.3	57.5	57.7	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	57.5	57.7	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	57.7	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	61.0	61.0	61.0	61.0	61.0	61.0	61.0
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	72.0	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	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 4500	23.4	68.1	73.4	76.1	77.0	78.1	78.5	78.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 4000	23.5	69.1	74.7	77.1	79.0	80.2	80.6	80.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
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	81.6	82.3	82.7	83.2	83.0	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	84.0	84.1	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	87.9	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	88.3	88.4	88.9	89.1	89.2	89.2	89.2	89.2	89.2
IV 900	23.7	72.5	79.2	84.0	86.4	87.3	87.8	88.5	88.6	89.1	89.2	89.3	89.3	89.3	89.3	89.3
IV 800	23.7	72.5	79.2	84.2	87.3	87.9	88.7	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
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	94.1	94.1	94.1	94.1	94.1	94.1
IV 300	23.7	72.8	80.1	85.2	88.9	90.0	91.6	93.0	93.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0
IV 200	23.7	72.8	80.1	85.2	88.8	90.0	91.6	93.0	94.0	95.0	96.1	96.4	96.9	97.2	97.2	97.2
IV 100	23.7	72.8	80.1	85.2	88.8	90.0	91.6	93.0	94.0	95.1	96.4	96.9	97.2	97.2	97.2	97.2
IV 0	23.7	72.8	80.1	85.2	88.8	90.0	91.6	93.0	94.0	95.1	96.4	96.9	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS: 1200

DATA PROCESSING DIVISION
 USAF ETAC
 AIR ETAC IN CONVERSION

CEILING VERSUS VISIBILITY

STATION: 3372 CITY: WILMINGTON, DELAWARE STATE: DE YEARS: 1960-1961 MONTH: 12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200 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	2.2	59.0	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
18000 16000	4.6	57.0	57.8	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
14000 12000	4.6	57.7	58.6	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
10000 9000	5.9	55.1	60.3	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
8000 7000	6.1	58.2	64.0	71.3	70.0	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
6000 5000	6.6	71.1	72.8	73.6	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
4500 4000	6.6	73.9	76.3	77.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
3500 3000	7.1	77.1	79.6	81.0	82.0	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
2500 2000	7.2	78.3	81.2	83.3	84.0	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
1800 1500	7.2	78.7	81.3	83.8	84.9	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
1200 1000	7.2	79.6	83.0	85.1	85.6	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
900 800	7.2	80.1	84.0	86.4	86.3	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
700 600	7.2	80.2	84.4	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
500 400	7.2	80.3	84.6	87.3	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
300 200	7.2	80.3	84.6	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
100 0	7.2	80.3	84.6	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5

TOTAL NUMBER OF OBSERVATIONS: 1200

ATA PR... DIVISION
 PLAN ET
 ...

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19...-19...
 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	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 20000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 18000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 16000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 14000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 12000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 10000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 9000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 8000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 7000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 6000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 5000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 4500	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 4000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 3500	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 3000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 2500	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 2000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 1800	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 1500	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 1200	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 1000	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 900	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 800	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 700	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 600	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 500	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 400	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 300	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 200	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 100	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 0	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7

TOTAL NUMBER OF OBSERVATIONS _____

DATA REVISION NUMBER
 USAF ETAC
 FORM 0-14-5 (OL 1)

CEILING VERSUS VISIBILITY

STATION: 17 DATE: 11/11/77 STATION NAME: 17 YEARS: 7 MONTH: 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 20-2000
 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	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 20000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 18000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 16000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 14000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 12000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 10000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 9000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 8000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 7000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 6000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 5000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 4500	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 4000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 3500	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 3000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 2500	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 2000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 1800	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 1500	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 1200	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 1000	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 900	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 800	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 700	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 600	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 500	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 400	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 300	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 200	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 100	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
IV 0	1.1	4.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5

TOTAL NUMBER OF OBSERVATIONS 17

CEILING VERSUS VISIBILITY

STATION NO. 101
 STATION NAME
 DATE

STATION 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	57.4	54.3	55.6	55.5	56.0	55.0	56.5	57.0	57.1	57.1	57.2	57.1	57.2	57.2	57.0	57.4
IVM 18000 15000	57.2	54.5	55.1	55.1	56.4	56.4	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.5	56.5
IVM 14000 12000	57.5	55.0	55.6	55.7	56.9	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	56.9	57.0
IVM 10000 9000	57.2	54.4	55.0	55.1	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.6	56.7
IVM 8000 7000	57.7	54.1	54.7	54.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.0	56.2
IVM 6000 5000	57.3	51.1	51.4	51.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.7	52.9
IVM 4500 4000	57.7	50.6	50.8	50.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	51.9	52.1
IVM 3500 3000	57.7	50.1	50.1	50.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.2	51.4
IVM 2500 2000	57.7	50.0	50.0	50.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	50.8	51.0
IVM 1800 1500	57.7	50.0	50.0	50.0	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.7	50.9
IVM 1200 1000	57.7	50.0	50.0	50.0	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.6	50.8
IVM 900 800	57.7	50.0	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.5	50.7
IVM 700 600	57.7	50.0	50.0	50.0	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.4	50.6
IVM 500 400	57.7	50.0	50.0	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.3	50.5
IVM 300 200	57.7	50.0	50.0	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.2	50.4
IVM 100 0	57.7	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.1	50.3

TOTAL NUMBER OF OBSERVATIONS 17

DATA REPORT DIVISION
 1964 ETAC
 CIVIL ENGINEERING

CEILING VERSUS VISIBILITY

STATION: T. SPENCER / DAVIS AAF YEARS: 7-71 MONTH: 11

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

11 MONTHS
 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	10.7	12.4	14.0	15.5	17.0	18.7	20.2	21.8	23.3	24.8	26.3	27.8	29.3	30.8	32.3	33.8
IV 20000	7.7	7.6	50.2	50.0	51.4	51.5	51.9	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.7
IV 18000	7.7	7.6	50.2	50.6	51.3	51.5	51.9	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.7
IV 16000	7.7	7.6	50.2	50.6	51.3	51.5	51.9	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.7
IV 14500	7.8	7.9	50.8	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
IV 12000	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 10000	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 9000	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 8000	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 7000	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 6000	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 5000	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 4500	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 4000	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 3500	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 3000	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 2500	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 2000	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 1800	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 1500	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 1200	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 1000	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 900	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 800	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 700	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 600	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 500	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 400	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 300	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 200	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 100	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9
IV 0	7.9	7.9	50.7	51.3	52.2	52.7	53.1	53.7	54.5	55.5	55.7	55.7	55.7	55.7	55.7	55.9

TOTAL NUMBER OF OBSERVATIONS: 11

DATE PREPARED DIVISION
 USAF ETAC
 AIR LIAISON OFFICE

CEILING VERSUS VISIBILITY

STATION: 14-12-1160 STATION NAME: 1-7-73 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14-12-1160
 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	22.0	43.2	44.2	45.1	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 18000 16000	22.0	48.4	51.1	52.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 14000 12000	22.0	43.5	44.2	44.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
IV 10000 9000	22.0	43.1	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 8000 7000	22.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 6000 5000	22.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 4500 4000	22.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 3500 3000	22.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 2500 2000	22.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 1800 1500	22.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 1200 1000	22.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 900 800	22.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 700 600	22.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 500 400	22.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 300 200	22.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 100 0	22.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7

TOTAL NUMBER OF OBSERVATIONS: 1160

AT ...
 ...
 ...

CEILING VERSUS VISIBILITY

STATION: ... 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	≥ 3/16	≥ ¼	≥ 0
NO CEILING	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 2000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
18000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
16000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
14000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
12000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
10000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
8000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
7000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
6000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
5000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
4500	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
4000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
3500	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
3000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
2500	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
2000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
1800	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
1500	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
1200	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
1000	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
950	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
800	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
700	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
600	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
500	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
400	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
300	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
200	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
100	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
0	47.3	45.9	47.1	47.3	47.3	47.7	47.3	47.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3

TOTAL NUMBER OF OBSERVATIONS: 111

CEILING VERSUS VISIBILITY

STATION: _____ STATION NAME: _____ YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 0
NO CEILING ≥ 20000	2.4	45.4	33.1	40.7	40.1	49.1	46.3	41.1	46.3	40.1	41.1	41.1	41.1	41.1
IV 18000	2.1	44.2	35.0	25.2	35.3	35.1	35.3	34.7	35.7	35.7	35.7	35.7	35.7	35.7
IV 16000	2.3	46.7	23.2	35.4	35.3	35.4	35.7	34.7	35.7	35.7	35.7	35.7	35.7	35.7
IV 14000	2.7	35.3	35.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
IV 12000	2.4	27.5	35.2	31.5	31.5	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
IV 10000	2.0	27.3	34.5	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 9000	2.1	22.9	34.1	34.1	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
IV 8000	2.7	25.9	27.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
IV 7000	2.4	27.8	27.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
IV 6000	1.1	28.4	11.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 5000	1.5	21.3	22.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 4500	2.3	22.2	22.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 4000	2.1	14.2	22.4	70.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 3500	2.1	25.2	22.1	77.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 3000	2.2	17.7	22.2	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 2500	2.2	20.9	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 2000	2.2	19.4	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 1800	2.2	19.6	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 1500	2.2	19.8	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 1200	2.2	20.0	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 1000	2.2	16.2	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 900	2.2	14.3	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 800	2.2	13.3	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 700	2.9	20.3	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 600	2.9	20.3	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 500	2.9	20.3	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 400	2.9	20.3	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 300	2.9	20.3	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 200	2.9	20.3	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 100	2.9	20.3	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 0	2.9	20.3	22.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1

TOTAL NUMBER OF OBSERVATIONS: 11

DATA FROM STA DIVISION
 NAME
 AIR FORCE ENGINEERING

CEILING VERSUS VISIBILITY

STATION: 147 STATION NAME: 147 YEAR: 7-70 MONTH: 7-70

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 1-1-70-2-28-70
 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	3.7	4.3	4.7	49.3	47.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
18000 16000	5.1	54.9	52.3	50.1	50.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
14000 12000	5.1	55.4	55.3	50.4	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
10000 9000	6.6	61.1	61.4	62.7	62.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
8000 7000	7.0	64.1	66.7	68.7	68.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
6000 5000	7.9	68.2	69.7	70.5	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
4500 4000	8.4	72.1	73.7	75.0	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
3500 3000	8.4	74.7	75.0	78.3	80.1	80.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
2500 2000	8.8	78.1	80.4	82.8	84.0	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
1800 1500	8.8	78.6	80.9	83.4	85.2	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
1200 1000	8.8	79.1	81.0	83.7	85.5	86.4	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
900 800	8.8	79.1	81.9	84.5	86.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
700 600	8.8	79.2	82.6	85.1	87.7	88.6	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
500 400	8.8	79.3	82.9	85.7	88.3	89.9	91.5	93.5	93.8	94.5	95.2	95.7	95.7	95.7	95.7	95.7
300 200	8.8	79.3	82.9	85.7	88.8	90.1	92.8	94.1	94.3	95.3	96.0	96.1	96.1	96.1	96.1	96.1
100 0	8.8	79.3	82.9	85.7	88.8	90.1	92.8	94.1	94.4	95.4	96.0	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS: 110

WAFB PROCEEDINGS DIVISION
 USAF ETAC
 WIP LABOR SERVICE/NO

CEILING VERSUS VISIBILITY

STATION NAME: WAFB DIVISION 7-70 YEARS MONTH: 11-01-70

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	4.7	4.6	4.0	3.2	3.0	3.7	3.0	2.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2
≥ 20000	3.5	3.0	3.3	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 18000	3.5	3.1	3.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 16000	3.5	3.1	3.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 14000	3.5	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 12000	3.5	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
IV 10000	3.5	3.0	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
IV 9000	3.5	3.5	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
IV 8000	3.5	3.4	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
IV 7000	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 6000	3.5	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
IV 5000	3.5	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
IV 4500	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 4000	3.5	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
IV 3500	3.5	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
IV 3000	3.5	3.5	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
IV 2500	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 2000	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 1800	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 1500	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 1200	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 1000	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 900	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 800	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 700	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 600	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 500	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 400	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 300	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 200	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 100	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 0	3.5	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7

TOTAL NUMBER OF OBSERVATIONS 1135

DATA PROCESSING DIVISION
 USAF ETAC
 AIR EDITION 1-10-74

CEILING VERSUS VISIBILITY

STATION STATION NAME 7-70 YEARS 70
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

061.1-070.1
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 2000	61.0	54.6	52.6	55.7	56.0	56.0	56.1	56.4	56.2	56.2	56.2	56.1	56.2	56.1	56.3	56.4
IVV 18000 16000	60.7	59.1	60.1	60.3	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.2
IVV 14000 12000	61.7	61.1	61.4	61.5	61.7	61.5	61.9	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1
IVV 10000 9000	67.0	66.0	67.2	67.4	67.6	67.7	67.8	67.9	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.4
IVV 8000 7000	70.5	68.6	69.9	70.0	70.2	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IVV 6000 5000	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IVV 4500 4000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IVV 3500 3000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IVV 2500 2000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IVV 1800 1500	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IVV 1200 1000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IVV 900 800	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IVV 700 600	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IVV 500 400	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IVV 300 200	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IVV 100 0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0

TOTAL NUMBER OF OBSERVATIONS 1774

3

DATA PROCESSING DIVISION
 USAF ETAC
 AIR FAYETTEVILLE/MAC

CEILING VERSUS VISIBILITY

STATION: 43701 ELEV: 00 NAME: VAV/DAVIS DATE: 57-70 YEARS: MONTH: APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 01-01-57 TO 01-01-58
 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	52.4	54.7	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
≥ 20000	52.4	54.7	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
18000	57.7	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
16000	57.7	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
14000	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	60.7
12000	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	60.7
10000	54.2	66.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
9000	54.2	66.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
8000	67.1	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
7000	67.1	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
6000	72.1	74.3	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
5000	72.1	74.3	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
4500	74.9	77.8	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
4000	74.9	77.8	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
3500	76.4	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
3000	76.4	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
2500	78.2	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	81.3
2000	78.2	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	81.3
1800	79.1	82.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
1500	79.1	82.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
1200	79.4	82.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
1000	79.4	82.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
900	79.7	82.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
800	79.7	82.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
700	79.8	82.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
600	79.8	82.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
500	80.0	83.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
400	80.0	83.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
300	80.3	83.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
200	80.3	83.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
100	80.3	83.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
0	80.3	83.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1

TOTAL NUMBER OF OBSERVATIONS: 1290

U.S. AIR FORCE DIVISION
HEADQUARTERS
1000 ...

CEILING VERSUS VISIBILITY

STATION: ... STATION NAME: ... YEARS: 7-75 MONTH: ...

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000
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	4.9	45.2	47.3	47.7	43.4	42.2	49.9	49.7	49.9	50.0	50.0	50.0	50.1	50.1	50.0	50.0
IVM 18000 16000	12.3	50.1	52.8	54.4	55.1	55.8	55.0	56.7	56.0	56.7	56.2	56.2	56.2	56.2	56.2	56.2
IVM 14000 12000	16.4	50.7	52.5	55.1	55.9	56.9	56.7	57.7	56.8	57.4	57.9	57.9	57.1	57.1	57.2	57.2
IVM 10000 9000	17.5	55.9	54.5	53.5	54.4	52.7	53.1	53.2	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IVM 8000 7000	18.2	58.8	57.1	54.2	56.1	54.0	54.0	53.2	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IVM 6000 5000	18.8	62.2	60.9	59.4	57.2	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IVM 4500 4000	19.5	55.3	54.2	52.5	53.3	54.5	54.8	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IVM 3500 3000	19.9	58.9	54.2	52.7	53.6	54.2	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IVM 2500 2000	20.2	59.8	54.4	52.7	53.6	54.2	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IVM 1800 1500	20.4	71.2	77.2	77.0	82.0	83.4	84.1	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IVM 1200 1000	20.5	71.5	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
IVM 900 800	20.5	71.8	78.2	82.1	85.1	86.8	87.9	88.3	88.6	89.0	89.1	89.1	89.2	89.2	89.3	89.3
IVM 700 600	20.5	71.8	79.2	82.3	85.1	87.5	89.2	90.1	90.1	90.6	90.7	90.7	90.8	90.8	90.9	91.2
IVM 500 400	20.5	72.0	78.5	82.9	86.5	88.9	91.3	92.4	92.7	93.0	93.3	93.3	93.4	93.4	93.4	93.4
IVM 300 200	20.5	72.1	78.7	83.3	87.2	89.7	92.0	94.1	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IVM 100 0	20.5	72.1	78.8	83.4	87.4	89.3	92.0	94.4	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9

TOTAL NUMBER OF OBSERVATIONS: 1100

3

AT ... DIVISION
 ...
 ...

CEILING VERSUS VISIBILITY

STATION: ... 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	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 20000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 18000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 16000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 14000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 12000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 10000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 9000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 8000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 7000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 6000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 5000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 4500	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 4000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 3500	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 3000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 2500	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 2000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 1800	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 1500	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 1200	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 1000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 900	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 800	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 700	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 600	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 500	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 400	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 300	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 200	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 100	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 0	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9

TOTAL NUMBER OF OBSERVATIONS: 1241

DATA PROCESSING DIVISION
USAF ETAC
WPAFB OHIO

CEILING VERSUS VISIBILITY

STATION: 7 STATION NAME: WPAFB YEARS: 7 MONTH: 7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-20-14
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	1.5	17.6	41.5	47.6	43.0	47.8	41.5	43.0	46.6	41.5	43.0	41.5	43.0	41.5	43.0	41.5	43.0
IVM 18000 16000	4.3	35.2	52.3	56.5	50.5	54.8	52.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IVM 14000 12000	4.4	35.7	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IVM 10000 9000	5.5	62.5	63.4	64.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IVM 8000 7000	0.1	65.7	67.3	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IVM 6000 5000	0.7	67.9	69.7	70.1	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
IVM 4500 4000	0.9	70.9	71.9	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IVM 3500 3000	1.1	77.3	77.7	80.1	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IVM 2500 2000	1.4	80.0	81.4	83.5	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IVM 1800 1500	1.5	81.0	84.4	85.3	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IVM 1200 1000	1.5	82.0	86.0	87.5	88.7	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IVM 900 800	1.5	82.7	87.2	89.3	91.0	91.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IVM 700 600	1.5	82.8	87.3	89.4	91.5	92.6	93.2	93.4	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IVM 500 400	1.5	82.9	87.3	89.4	92.1	93.6	94.0	94.8	95.1	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9
IVM 300 200	1.5	83.3	87.9	90.3	92.0	94.4	95.7	96.4	96.8	97.0	97.6	98.2	98.5	98.7	98.9	99.3	99.3
IVM 100 0	1.5	83.3	87.9	90.3	92.0	94.4	95.7	96.4	96.8	97.6	98.2	98.5	98.7	98.9	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 1297

66th PR. ASSIG. DIVISION
 4542 ETAC
 41st TACTICAL SERVICE/NAF

CEILING VERSUS VISIBILITY

STATION 537 STATION NAME 1ST TACTICAL SERVICE/NAF YEARS 37-70 MONTH 4

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1701
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	5.5	43.3	41.5	41.5	46.5	42.5	40.5	48.5	48.5	41.5	48.5	42.5	42.5	42.5	42.5	42.5
IV 20000	5.0	35.0	35.6	35.6	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
IV 18000	16.0	35.0	35.6	35.6	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
IV 16000	16.0	35.0	35.6	35.6	35.0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
IV 14000	16.2	36.2	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
IV 12000	17.2	38.9	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
IV 10000	18.1	44.0	44.6	44.6	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 9000	18.1	44.0	44.6	44.6	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 8000	18.5	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 7000	18.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 6000	19.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 5000	19.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 4500	19.3	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
IV 4000	19.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 3500	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 3000	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 2500	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 2000	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 1800	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 1500	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 1200	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 1000	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 900	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 800	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 700	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 600	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 500	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 400	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 300	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 200	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 100	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 0	19.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0

TOTAL NUMBER OF OBSERVATIONS 1200

3

DATA PROVIDED BY DIVISION
USAF ETAC
AIR LATER SERVICE/PAAC

CEILING VERSUS VISIBILITY

917 STATION NAME: 15AF LIA AIR LATER SERVICE/PAAC 7-77 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1, 1, 2, 2, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 8, 8, 9, 9, 10, 10
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	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 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
IV 20000	5.3	48.9	59.4	59.5	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 18000	7.4	58.7	69.2	69.3	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 16000	9.1	68.5	79.0	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 14000	10.8	78.3	89.8	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 12000	12.5	88.1	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10000	14.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	15.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	17.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	19.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	21.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	22.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	24.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	26.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	27.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	29.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	31.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	32.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	34.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	36.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	38.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	39.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	41.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	43.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	44.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	46.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	48.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	49.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	51.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	53.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	55.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	56.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1297

DATA PROCESSING DIVISION
USAF ETAC
AIR LABOR SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION: 147-1117 (V) VA/DAVISD AAF YEARS: 57-70 MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	2.4	5.6	57.1	57.6	57.4	57.8	57.8	57.9	57.8	57.8	57.8	57.3	57.8	57.9	57.9	57.9	57.9
≥ 20000	3.5	61.0	61.7	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.6
IV 18000	3.5	61.0	61.7	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.6
IV 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	62.8	62.8	62.8	62.8
IV 14000	3.9	61.8	62.4	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 12000	4.4	64.0	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 10000	5.2	67.4	68.1	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 9000	5.2	67.7	68.4	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2
IV 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	71.5
IV 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	73.8
IV 6000	5.8	73.4	74.5	75.3	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 5000	6.1	75.8	77.2	78.2	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 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	79.6
IV 4000	6.5	78.1	80.0	81.5	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 3500	6.5	78.7	80.9	82.4	82.8	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.3
IV 3000	6.8	79.4	81.6	83.3	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
IV 2500	6.7	80.1	82.4	84.3	85.0	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6
IV 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	86.9	86.9	86.9	86.9
IV 1800	6.7	81.3	84.0	86.0	86.7	87.0	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1500	6.8	81.7	84.6	86.8	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1200	6.9	82.1	85.2	87.7	88.9	89.3	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1000	6.9	82.3	85.6	88.6	89.9	90.4	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 900	6.9	82.5	85.7	88.7	90.2	90.7	91.2	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 800	6.9	82.6	85.8	88.8	90.5	91.1	91.3	91.7	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 700	6.9	82.6	86.0	89.2	91.4	92.1	93.0	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 600	6.9	82.6	86.1	89.4	91.7	92.4	93.4	93.7	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 500	6.9	82.6	86.2	89.5	92.1	93.1	94.1	94.5	94.8	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 400	6.9	82.6	86.2	89.5	92.1	93.1	94.1	94.5	94.8	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 300	6.9	82.6	86.3	89.7	92.4	93.5	94.5	95.1	95.7	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 200	6.9	82.6	86.3	89.7	92.7	93.8	94.8	95.4	96.4	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 100	6.9	82.6	86.3	89.7	92.7	93.8	94.8	95.4	96.4	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 0	6.9	82.6	86.3	89.7	92.7	93.8	94.8	95.4	96.4	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS: 1290

3

DATA PROCESSING DIVISION
SAFETY
AIR STATION SERVICE/SAC

CEILING VERSUS VISIBILITY

STATION NAME: DAVIS

YEARS: 7-71

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.05 (0.2) / HOURS (L.S.)

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	5.4	5.3	5.7	5.2	5.2	5.2	5.6	5.2	5.2	5.3	5.3
IVV 18000	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 16000	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 14000	4.7	5.5	6.0	6.4	6.5	6.4	6.6	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
IVV 12000	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 10000	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 9000	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 8000	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 7000	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 6000	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 5600	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 4500	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 4000	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 3500	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 3000	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 2500	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 2000	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 1800	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 1500	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 1200	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 1000	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 900	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 800	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 700	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 600	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 500	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 400	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 300	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 200	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 100	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
IVV 0	4.1	4.9	5.7	6.0	6.2	6.0	6.4	5.7	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1

TOTAL NUMBER OF OBSERVATIONS: 125

3

WAF BR...
1524 STA
RIR... VICE/...

CEILING VERSUS VISIBILITY

STATION: 1524 STATION NAME: YEARS: MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	10.3	48.0	47.8	23.5	51.2	51.0	51.4	51.4	51.4	51.7	51.7	51.7	51.9	51.7	51.7	52.0
IV 20000	10.3	48.0	47.8	23.5	51.2	51.0	51.4	51.4	51.4	51.7	51.7	51.7	51.9	51.7	51.7	52.0
IV 18000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 16000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 14000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 12000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 10000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 9000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 8000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 7000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 6000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 5000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 4500	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 4000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 3500	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 3000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 2500	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 2000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 1800	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 1500	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 1200	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 1000	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 900	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 800	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 700	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 600	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 500	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 400	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 300	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 200	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 100	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
IV 0	10.5	23.7	35.6	56.4	57.1	57.1	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7

TOTAL NUMBER OF OBSERVATIONS: 12

DATE PREPARED: DIVISION:
 USAF ETAC
 AIR FORCE DIVISION/AC

CEILING VERSUS VISIBILITY

STATION: TULSA AIR FORCE DIVISION AFB YEARS: 7-76 MONTH: 11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11-11-76 (11)
 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	44.4	44.4	47.2	47.7	46.2	48.0	40.8	40.7	49.0	40.7	47.4	40.4	49.7	49.7	49.1	47.9
IV 18000 16000	47.5	48.7	51.9	52.8	53.1	52.2	52.6	53.3	53.9	54.0	54.3	54.3	54.5	54.5	54.4	54.3
IV 14000 12000	49.3	49.2	52.1	53.0	53.7	53.7	54.1	54.4	54.4	54.4	54.0	54.3	55.1	55.1	55.2	54.4
IV 10000 9000	51.0	50.5	50.0	51.0	51.7	51.0	52.2	52.7	52.5	52.0	53.1	53.1	53.3	53.7	53.4	53.3
IV 8000 7000	52.5	51.8	52.0	50.7	51.4	51.6	52.0	52.4	52.3	52.7	52.9	52.7	53.1	53.1	53.2	52.6
IV 6000 5000	54.2	53.3	53.8	52.7	53.1	53.1	53.6	53.9	53.9	54.2	54.4	54.4	54.7	54.7	54.8	54.5
IV 4500 4000	55.4	54.7	54.9	54.8	55.2	55.2	55.7	55.7	56.0	56.1	56.2	56.2	56.5	56.5	56.6	56.4
IV 3500 3000	55.5	55.6	55.7	55.9	56.0	56.4	56.4	56.8	56.8	57.1	57.1	57.1	57.4	57.4	57.5	57.4
IV 2500 2000	55.7	55.9	56.0	56.1	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.8	57.0	57.0	57.1	57.1
IV 1800 1500	55.7	56.2	56.2	56.2	56.4	56.4	56.5	56.6	56.7	56.8	56.8	56.9	57.0	57.0	57.1	57.1
IV 1200 1000	55.7	56.2	56.2	56.2	56.4	56.4	56.5	56.6	56.7	56.8	56.8	56.9	57.0	57.0	57.1	57.1
IV 900 800	55.9	56.2	56.2	56.2	56.4	56.4	56.5	56.6	56.7	56.8	56.8	56.9	57.0	57.0	57.1	57.1
IV 700 600	55.9	56.2	56.2	56.2	56.4	56.4	56.5	56.6	56.7	56.8	56.8	56.9	57.0	57.0	57.1	57.1
IV 500 400	55.9	56.2	56.2	56.2	56.4	56.4	56.5	56.6	56.7	56.8	56.8	56.9	57.0	57.0	57.1	57.1
IV 300 200	55.9	56.2	56.2	56.2	56.4	56.4	56.5	56.6	56.7	56.8	56.8	56.9	57.0	57.0	57.1	57.1
IV 100 0	55.9	56.2	56.2	56.2	56.4	56.4	56.5	56.6	56.7	56.8	56.8	56.9	57.0	57.0	57.1	57.1

TOTAL NUMBER OF OBSERVATIONS: 127

DATA FROM THIS DIVISION
USAF ETAC
AIR FORCE OFFICE/AC

CEILING VERSUS VISIBILITY

STATION: 247 POINT CLYDE ILS/VOR/COMBAT YEARS: 7m MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ¾	≥ 5/16	≥ ¾	≥ 0
NO CEILING	2.7	38.2	44.9	47.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	2.7	44.0	54.1	53.7	54.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
18000	2.2	34.2	35.3	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
16000	2.6	34.6	35.7	35.7	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
14000	2.6	35.3	36.4	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
12000	2.4	36.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
10000	2.7	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
9000	2.3	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
8000	2.7	37.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
7000	2.1	37.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
6000	2.1	37.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
5000	2.8	37.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
4500	2.9	37.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
4000	2.7	37.3	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
3500	2.7	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
3000	2.8	37.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
2500	1.7	36.5	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
2000	2.1	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
1800	1.1	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
1500	1.1	36.6	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
1200	1.3	36.3	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
1000	1.3	32.2	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
900	1.3	32.6	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
800	1.3	32.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
700	1.3	33.2	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
600	1.3	33.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
500	1.3	33.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
400	1.3	33.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
300	1.3	33.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
200	1.3	33.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
100	1.3	33.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
0	1.3	33.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1

TOTAL NUMBER OF OBSERVATIONS 120

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION: 017 DIST: FLYING W/ DIVISION AAF YEAR: 7-70 MONTH: 08

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	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
IV 18000	16.5	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
IV 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
IV 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
IV 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
IV 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
IV 9000	7.2	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
IV 8000	29.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 7000	7.8	63.7	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
IV 6000	30.0	67.5	68.2	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 5000	11.9	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
IV 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
IV 4000	14.9	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
IV 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
IV 3000	15.7	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
IV 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
IV 2000	6.4	83.8	83.6	84.2	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 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
IV 1500	36.4	85.1	87.3	88.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1200	36.5	85.8	88.3	89.4	90.4	91.0	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1000	36.5	86.2	88.7	90.0	91.3	92.0	92.5	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2
IV 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
IV 800	6.5	86.6	89.5	91.4	93.4	94.2	95.2	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0
IV 700	36.5	86.6	89.8	92.0	94.1	95.2	96.2	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0
IV 600	36.5	86.7	89.8	92.2	94.0	95.7	96.9	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8
IV 500	36.5	86.7	89.8	92.4	94.9	96.0	97.5	98.4	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9
IV 400	36.5	86.7	89.8	92.4	95.9	96.1	97.8	98.7	99.0	99.0	99.0	99.4	99.4	99.5	99.5	99.6
IV 300	36.5	86.7	89.8	92.4	95.9	96.1	97.8	98.8	99.1	99.1	99.1	99.7	99.7	99.8	99.8	99.8
IV 200	36.5	86.7	89.8	92.4	95.9	96.1	97.8	98.8	99.1	99.1	99.1	99.7	99.7	99.8	99.8	99.9
IV 100	36.5	86.7	89.8	92.4	95.9	96.1	97.8	98.8	99.1	99.1	99.1	99.7	99.7	99.8	99.8	100.0
IV 0	36.5	86.7	89.8	92.4	95.9	96.1	97.8	98.8	99.1	99.1	99.1	99.7	99.7	99.8	99.8	100.0

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

57-70
YEARS

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
IV 20000	45.0	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 18000	49.0	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 16000	49.1	48.4	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 14000	49.2	48.9	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV 12000	49.4	48.0	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 10000	41.5	41.3	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 9000	41.9	41.5	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
IV 8000	42.6	42.3	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 7000	42.7	42.7	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
IV 6000	43.5	43.4	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IV 5000	43.4	43.1	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
IV 4500	46.2	45.6	46.6	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 4000	47.9	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 3500	48.3	48.1	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 3000	48.7	48.6	48.0	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 2500	48.8	48.8	48.9	48.9	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 2000	48.8	48.5	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 1800	48.8	48.6	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 1500	48.9	48.7	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 1200	48.9	48.7	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 1000	48.9	48.7	49.0	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 900	48.9	48.8	49.0	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
IV 800	48.9	48.9	49.0	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
IV 700	48.9	48.9	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 600	48.9	48.9	49.1	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 500	48.9	48.9	49.1	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 400	48.9	48.9	49.1	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 300	48.9	48.9	49.1	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 200	48.9	48.9	49.1	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 100	48.9	48.9	49.1	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 0	48.9	48.9	49.1	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94728
 STATION

FLEET DELVINTS VA/DAVISON AAF
 STATION NAME

57-70
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 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
IV 18000 16000	49.0	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
IV 14000 12000	49.3	59.4	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
IV 10000 9000	51.1	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
IV 8000 7000	62.1	79.8	79.9	79.9	80.5	80.5	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 6000 5000	73.6	83.7	84.0	84.4	84.8	84.8	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 4500 4000	85.7	89.7	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3500 3000	90.5	93.3	93.6	93.9	94.0	94.0	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2500 2000	96.5	94.8	95.4	95.7	95.8	95.8	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800 1500	96.5	95.7	96.5	96.8	96.8	96.8	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200 1000	96.5	96.7	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 900 800	96.5	97.2	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 700 600	96.5	97.2	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 500 400	96.5	97.2	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 300 200	96.5	97.2	97.8	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 100 0	96.5	97.2	97.8	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
 USAF ETAC
 AIR MOBILITY SERVICE/CAC

CEILING VERSUS VISIBILITY

STATION: 137 NAME: 1111 FLYING V (COMM) AFB YEARS: 67-70 MONTH: 4 PP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2200
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	55.6	54.9	55.0	55.2	55.0	55.0	55.8	50.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1
IV 20000	57.2	50.5	53.7	53.3	51.2	51.2	51.2	51.0	51.6	51.7	51.7	51.6	51.6	51.6	51.4	51.7	51.7
IV 18000	57.2	50.6	50.8	50.9	51.3	51.3	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.0	51.8
IV 16000	7.2	50.6	50.8	50.9	51.3	51.3	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.0	51.8
IV 14000	7.3	61.1	61.2	61.4	61.8	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3
IV 12000	11.1	63.9	64.0	64.2	64.6	64.6	64.7	65.1	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1
IV 10000	29.2	68.0	68.2	68.4	68.6	68.8	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3
IV 9000	4.7	68.7	68.9	69.1	69.3	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0
IV 8000	58.9	72.6	72.8	73.0	73.4	73.4	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9
IV 7000	1.9	75.6	75.9	76.0	76.4	76.4	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9
IV 6000	31.9	77.3	77.7	77.9	78.4	78.4	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0
IV 5000	12.8	80.2	80.9	81.4	81.9	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 4500	3.1	80.8	81.5	82.2	82.7	82.7	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4000	13.2	82.0	83.0	83.7	84.2	84.3	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
IV 3500	33.2	82.6	82.7	84.4	84.9	85.0	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 3000	33.3	83.4	84.7	85.4	86.2	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8
IV 2500	33.3	83.9	85.3	86.1	86.7	86.8	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4
IV 2000	33.3	84.9	85.5	87.5	88.2	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.9	88.9
IV 1800	33.3	85.1	86.7	87.8	88.4	88.5	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
IV 1500	33.3	85.3	87.0	88.0	89.0	89.0	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.8	89.8
IV 1200	33.3	85.5	87.4	88.4	89.5	89.7	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6
IV 1000	33.3	85.9	87.8	88.9	90.3	90.5	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.7	91.7
IV 900	33.3	85.9	88.2	89.1	90.3	91.1	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.3	92.3
IV 800	33.3	86.2	88.5	89.7	91.5	91.9	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3
IV 700	33.3	86.5	89.0	90.3	92.5	92.9	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
IV 600	33.3	86.6	89.1	90.6	93.0	93.7	94.0	95.6	95.9	96.2	96.3	96.3	96.3	96.4	96.4	96.5	96.5
IV 500	33.3	86.7	89.2	90.8	93.2	94.1	95.0	96.4	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
IV 400	33.3	86.7	89.3	90.9	93.4	94.4	95.8	96.7	97.1	97.0	97.9	97.9	97.9	98.0	98.0	98.1	98.1
IV 300	33.3	86.7	89.3	90.9	93.4	94.4	95.9	96.9	97.4	98.1	98.0	98.0	98.0	98.0	98.0	98.1	98.1
IV 200	33.3	86.7	89.3	90.9	93.4	94.4	95.9	96.9	97.4	98.1	98.0	98.0	98.0	98.0	98.0	98.1	98.1
IV 100	33.3	86.7	89.3	90.9	93.4	94.4	95.9	96.9	97.4	98.1	98.0	98.0	98.0	98.0	98.0	98.1	98.1
IV 0	33.3	86.7	89.3	90.9	93.4	94.4	95.9	96.9	97.4	98.1	98.0	98.0	98.0	98.0	98.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 1259

3

DATA PROCESSING DIVISION
USAF ETAC
AFW LAT 64-01-VIC/MAO

CEILING VERSUS VISIBILITY

STATION 247 T-1 (REV 12) VA/NAV (COM) VAF 7-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	19.4	53.9	55.2	55.8	56.1	56.4	56.4	56.8	56.8	56.8	57.0	57.1	57.1	57.2	57.3	57.5	57.7
IV 20000	20.5	57.4	58.7	59.6	60.0	60.3	60.4	60.8	60.8	61.1	61.2	61.3	61.4	61.4	61.7	61.9	61.9
IV 18000	20.5	57.4	58.7	59.6	60.0	60.3	60.4	60.8	60.8	61.1	61.2	61.3	61.4	61.4	61.7	61.9	61.9
IV 16000	20.5	57.4	58.7	59.6	60.0	60.3	60.4	60.8	60.8	61.1	61.2	61.3	61.4	61.4	61.7	61.9	61.9
IV 14000	20.7	57.6	58.9	59.8	60.2	60.5	60.7	61.1	61.1	61.3	61.4	61.5	61.6	61.7	61.9	62.1	62.1
IV 12000	20.7	57.6	58.9	59.8	60.2	60.5	60.7	61.1	61.1	61.3	61.4	61.5	61.6	61.7	61.9	62.1	62.1
IV 10000	23.0	63.1	66.6	68.0	68.4	68.7	69.0	69.4	69.4	69.6	69.7	69.7	69.8	70.0	70.2	70.4	70.4
IV 9000	23.1	66.1	67.8	69.4	69.7	70.1	70.4	70.8	70.8	71.0	71.2	71.3	71.4	71.4	71.7	71.9	71.9
IV 8000	23.9	69.8	71.7	73.4	73.8	74.2	74.6	75.0	75.0	75.2	75.3	75.4	75.5	75.6	75.8	76.0	76.0
IV 7000	24.3	71.8	74.0	76.0	76.3	76.7	77.1	77.4	77.6	77.8	78.1	78.2	78.3	78.3	78.6	78.8	78.8
IV 6000	24.6	72.5	74.8	76.9	77.4	77.8	78.2	78.6	78.6	78.9	79.2	79.3	79.3	79.4	79.6	79.9	79.9
IV 5000	24.7	75.2	78.0	80.4	81.0	81.3	81.7	82.2	82.2	82.4	82.7	82.9	82.9	82.9	83.2	83.4	83.4
IV 4500	24.9	75.8	78.6	81.2	81.8	82.2	82.6	83.0	83.0	83.3	83.6	83.6	83.7	83.8	84.0	84.3	84.3
IV 4000	24.9	77.1	80.3	82.9	83.5	83.9	84.4	84.9	84.9	85.2	85.5	85.6	85.6	85.7	85.9	86.2	86.2
IV 3500	25.2	77.6	81.0	83.7	84.4	84.9	85.3	85.9	85.9	86.2	86.5	86.5	86.6	86.7	86.9	87.2	87.2
IV 3000	25.3	78.6	82.0	84.7	85.4	85.9	86.3	86.9	86.9	87.2	87.5	87.5	87.6	87.7	87.9	88.2	88.2
IV 2500	25.3	79.3	82.8	85.5	86.2	86.6	87.1	87.7	87.7	87.9	88.2	88.3	88.4	88.5	88.7	88.9	88.9
IV 2000	25.3	80.1	84.0	86.8	87.5	87.9	88.4	89.0	89.0	89.2	89.6	89.6	89.7	89.8	90.0	90.2	90.2
IV 1800	25.4	80.3	84.2	87.7	87.7	88.2	88.6	89.2	89.2	89.5	89.8	89.9	89.9	90.0	90.2	90.5	90.5
IV 1500	25.7	80.8	84.8	87.8	88.5	88.9	89.4	90.1	90.1	90.3	90.6	90.7	90.8	90.9	91.1	91.3	91.3
IV 1200	25.7	81.3	85.3	88.3	89.3	89.8	90.2	90.9	90.9	91.2	91.5	91.6	91.6	91.7	91.9	92.2	92.2
IV 1000	25.7	81.3	85.4	88.7	89.6	90.2	90.6	91.4	91.4	91.6	91.9	92.3	92.1	92.2	92.4	92.6	92.6
IV 900	25.7	81.5	86.0	89.3	90.4	90.9	91.4	92.2	92.2	92.5	92.8	92.9	92.9	93.0	93.2	93.5	93.5
IV 800	25.7	81.8	86.4	89.7	90.9	91.6	92.2	93.1	93.1	93.3	93.6	93.7	93.8	93.9	94.1	94.3	94.3
IV 700	25.7	82.0	86.6	89.9	91.2	92.0	92.7	93.5	93.5	93.8	94.1	94.2	94.3	94.4	94.6	94.9	94.9
IV 600	25.7	82.2	87.3	90.9	92.2	93.2	94.2	95.1	95.1	95.3	95.6	95.7	95.9	95.9	96.2	96.4	96.4
IV 500	25.7	82.3	87.5	91.2	93.2	94.1	95.2	96.3	96.3	96.6	96.9	97.0	97.2	97.2	97.5	97.7	97.7
IV 400	25.7	82.3	87.5	91.2	93.5	94.5	95.7	97.0	97.0	97.4	97.7	97.8	97.9	98.0	98.2	98.5	98.5
IV 300	25.7	82.3	87.5	91.2	93.5	94.6	95.9	97.2	97.2	97.6	98.2	98.3	98.5	98.5	98.8	99.0	99.0
IV 200	25.7	82.3	87.5	91.3	93.6	94.7	96.0	97.3	97.3	97.7	98.4	98.5	98.6	98.7	99.2	99.5	99.5
IV 100	25.7	82.3	87.6	91.3	93.6	94.7	96.0	97.3	97.3	97.9	98.4	98.5	98.6	98.7	99.2	99.5	99.5
IV 0	25.7	82.3	87.6	91.3	93.6	94.7	96.0	97.3	97.3	97.9	98.4	98.5	98.6	98.7	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
USAF ETAC
AIR SUPPORT SERVICE/MAC

CEILING VERSUS VISIBILITY

917
STATION

POINT BELVUE VA/DAVISON AAF
STATION NAME

87-70
YEARS

8 AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-0510
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	58.0	58.1	58.1	58.4
IVV 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	58.0	58.1	58.1	58.4
IVV 16000	16.0	49.2	53.1	54.7	55.5	56.3	56.8	57.1	57.1	57.4	57.7	57.8	58.0	58.1	58.1	58.4
IVV 14000	16.0	49.2	53.1	54.7	55.5	56.3	56.8	57.1	57.1	57.4	57.7	57.8	58.0	58.1	58.1	58.4
IVV 12000	17.1	51.9	55.8	57.8	58.3	59.1	59.6	59.9	59.8	60.4	60.4	60.5	60.3	60.3	60.9	61.1
IVV 10000	18.4	56.2	61.7	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
IVV 9000	18.7	56.9	61.4	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
IVV 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
IVV 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
IVV 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
IVV 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
IVV 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
IVV 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
IVV 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
IVV 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
IVV 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
IVV 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
IVV 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
IVV 1500	21.0	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
IVV 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
IVV 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
IVV 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
IVV 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
IVV 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
IVV 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
IVV 500	21.1	73.1	81.6	85.8	90.0	91.3	93.2	94.1	94.2	94.9	95.0	95.1	95.3	95.4	95.5	95.6
IVV 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
IVV 300	21.1	73.3	82.0	86.3	90.8	92.0	94.2	95.4	95.5	96.7	97.0	97.1	97.4	97.5	97.7	97.9
IVV 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
IVV 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	98.5	98.7
IVV 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	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
 USAF ETAC
 AIR EATER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 037 FORT BELVOIR VA/DAVISON AAF

7-70

AY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000
 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
IV 20000	15.2	50.5	71.6	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
IV 18000	15.2	50.5	53.0	55.4	56.5	57.3	57.5	57.8	57.8	58.0	58.1	58.1	58.1	58.2	58.3	58.4
IV 16000	15.4	50.8	54.8	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
IV 14000	15.5	51.2	54.4	56.1	57.2	58.1	58.3	58.6	58.6	58.8	58.8	58.9	58.9	59.0	59.1	59.1
IV 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
IV 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	66.4	66.5	66.6
IV 9000	17.5	57.8	61.8	64.7	65.5	66.5	66.7	67.1	67.1	67.2	67.2	67.2	67.3	67.4	67.5	67.7
IV 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
IV 7000	18.0	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
IV 6000	18.2	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
IV 5000	18.6	65.9	71.5	74.3	75.7	77.0	78.1	78.4	78.4	78.4	78.6	78.6	78.8	78.9	79.1	79.3
IV 4500	18.8	66.9	72.7	75.0	77.0	79.0	79.3	79.6	79.8	80.0	80.1	80.1	80.3	80.3	80.5	80.7
IV 4000	19.0	67.3	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
IV 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	82.0	82.0	82.2	82.4
IV 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
IV 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
IV 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
IV 1800	19.4	70.7	77.0	80.7	82.9	84.2	84.5	84.9	85.0	85.2	85.3	85.4	85.5	85.6	85.7	85.9
IV 1500	19.4	71.0	77.4	81.7	83.3	84.6	84.9	85.3	85.5	85.6	85.8	85.8	85.9	86.0	86.2	86.4
IV 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	87.6	87.7	87.9	88.1
IV 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
IV 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
IV 800	19.7	73.0	80.2	84.4	87.7	89.3	90.1	90.7	90.9	91.0	91.2	91.2	91.4	91.5	91.6	91.9
IV 700	19.7	73.3	80.6	85.1	88.6	90.4	91.2	91.8	92.0	92.0	92.2	92.3	92.3	92.5	92.6	93.0
IV 600	19.7	73.3	80.7	85.3	89.0	91.0	91.9	92.5	92.9	93.0	93.2	93.2	93.2	93.4	93.5	93.9
IV 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
IV 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
IV 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	98.2	98.5
IV 400	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
IV 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
IV 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 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

947.1
 STATION

FORT BELVIER VA/DAVISON AAF
 STATION NAME

57-70
 YEARS

DAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-1100
 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	0.6	53.2	54.1	54.3	54.3	54.5	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 7000	6.0	61.3	63.0	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
IV 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
IV 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
IV 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
IV 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
IV 3500	7.3	68.2	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
IV 3000	7.3	69.5	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
IV 2500	7.3	69.9	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
IV 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
IV 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
IV 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
IV 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
IV 1000	8.0	74.2	78.6	81.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 900	8.0	74.6	79.2	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 800	8.0	75.5	80.3	83.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 700	8.0	75.6	80.7	83.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 600	8.0	75.7	80.9	84.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 500	8.0	75.7	81.0	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 400	8.0	75.7	81.0	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 300	8.0	75.7	81.0	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 200	8.0	75.7	81.0	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 100	8.0	75.7	81.0	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 0	8.0	75.7	81.0	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7

TOTAL NUMBER OF OBSERVATIONS 1332

3

DATA PROCESSING DIVISION
USAF ETAC
AIR SEATTLE SERVICE/NAF

CEILING VERSUS VISIBILITY

STATION 93720 1501 BELLEVUE WA/DAVIDSON AFB YEARS 67-70 MONTH AY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1967-1970
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	56.5	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	63.0	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
VM 18000	63.0	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
VM 16000	63.0	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
VM 14000	63.0	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
VM 12000	66.4	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
VM 10000	70.3	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
VM 9000	70.6	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
VM 8000	73.2	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
VM 7000	74.3	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
VM 6000	76.5	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
VM 5000	81.3	78.8	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
VM 4500	83.4	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
VM 4000	87.5	83.6	86.5	86.9	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
VM 3500	88.7	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
VM 3000	90.5	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
VM 2500	91.7	87.2	90.6	90.9	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
VM 2000	93.7	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
VM 1800	93.9	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
VM 1500	94.7	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
VM 1200	95.6	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
VM 1000	96.5	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
VM 900	97.1	90.2	94.5	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
VM 800	97.8	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
VM 700	98.5	90.6	95.4	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
VM 600	98.6	90.6	95.4	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
VM 500	99.3	90.7	95.5	96.5	97.0	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
VM 400	99.3	90.7	95.5	96.5	97.0	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
VM 300	99.8	90.7	95.5	96.5	97.0	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
VM 200	99.8	90.7	95.5	96.5	97.0	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
VM 100	99.8	90.7	95.5	96.5	97.0	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
VM 0	99.8	90.7	95.5	96.5	97.0	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 1332

DATA PROCESSING DIVISION
 USAF ETAC
 AIR EATING DIVISION

CEILING VERSUS VISIBILITY

STATION: 447 F STATION NAME: WRIGHT FIELD YEARS: 1970 MONTH: 11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11-11-70
 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	4.1	3.7	4.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 20000	4.4	3.2	4.5	5.7	5.7	5.7	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
IVV 18000	4.4	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	4.4	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	4.6	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	4.6	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	4.8	70.7	71.8	73.1	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	4.8	71.5	72.6	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	4.7	74.0	75.7	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	4.5	73.7	74.6	76.3	77.4	77.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IVV 6000	4.9	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	4.7	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	4.3	81.6	84.4	85.5	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IVV 4000	4.7	82.8	86.9	88.1	88.0	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IVV 3500	4.7	83.3	87.6	88.8	89.3	89.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IVV 3000	4.7	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	4.8	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	4.9	85.3	90.0	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	4.9	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	4.9	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	94.5
IVV 1200	4.9	86.9	91.9	93.5	94.5	94.8	95.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IVV 1000	4.9	87.2	92.3	94.1	95.1	95.7	96.2	96.3	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.2
IVV 900	4.9	87.2	92.3	94.3	95.6	96.1	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.5
IVV 800	4.9	87.2	92.4	94.4	95.9	96.4	96.9	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.9
IVV 700	4.9	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	4.9	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	4.9	87.3	92.6	94.6	96.7	97.6	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVV 400	4.9	87.3	92.6	94.6	96.7	97.6	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVV 300	4.9	87.3	92.6	94.6	96.7	97.6	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVV 200	4.9	87.3	92.6	94.6	96.7	97.6	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVV 100	4.9	87.3	92.6	94.6	96.7	97.6	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVV 0	4.9	87.3	92.6	94.6	96.7	97.6	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 1302

DATA PROCESSING DIVISION
 USAF ETAC
 AIR CENTER ST. VEGE/MAC

CEILING VERSUS VISIBILITY

STATION: 91720 EGOT BELV AIR VZ/DAVISON AAF YEARS: 57-73 MONTH: 12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

24 HOURS PER DAY
 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	1.9	14.7	42.1	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
≥ 20000	4.3	19.4	61.1	61.7	62.4	62.6	62.8	62.9	63.1	63.3	63.3	63.3	63.4	63.4	63.5	63.7
IVV 18000	4.3	19.5	61.1	61.8	62.5	62.7	62.9	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.5	63.7
IVV 16000	4.3	19.5	61.1	61.8	62.5	62.7	62.9	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.5	63.7
IVV 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	63.9
IVV 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	66.2	66.2	66.4	66.5
IVV 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	71.9	72.2
IVV 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	72.7	73.0
IVV 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	77.0	77.1
IVV 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
IVV 6000	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 5000	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 4500	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 4000	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 3500	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 3000	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 2500	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 2000	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 1800	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 1500	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 1200	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 1000	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 900	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 800	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 700	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 600	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 500	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 400	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 300	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 200	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 100	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9
IVV 0	9.9	34.5	78.1	79.1	80.2	80.5	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.9

TOTAL NUMBER OF OBSERVATIONS: 1302

DATA PROCESSING DIVISION
 USAF ETAC
 AIR REPORT SERVICE/MAC

CEILING VERSUS VISIBILITY

93724 STATION FIELD OFFICER V4/DAVISON AAF YEARS 57-70 MONTH JUN

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	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	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
18000	11.9	50.4	67.1	70.2	71.5	72.0	72.2	72.5	72.5	72.5	72.6	72.7	72.8	72.8	72.9	72.9
16000	11.9	50.4	67.1	70.2	71.5	72.0	72.2	72.5	72.5	72.5	72.6	72.7	72.8	72.8	72.9	72.9
14000	11.9	50.7	67.5	70.5	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	69.0	75.0	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	83.6	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	85.1	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	88.2	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	75.7	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	92.8	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	94.9	95.3	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	80.0	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
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	99.9	99.9
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	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
 USAF ETA
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION: 94700 POINT: WILVER V STATION NAME: YEARS: 7-70 MONTH: HOURS (LST): 0500-0500

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	7.6	55.5	52.3	61.6	61.5	62.7	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.7
≥ 20000	4.9	11.2	29.9	62.8	60.1	67.1	66.7	62.4	69.4	67.0	69.6	69.6	69.8	69.8	69.8	69.8	70.1
≥ 18000	8.8	11.3	20.1	64.0	66.3	67.2	68.8	69.5	69.5	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.2
≥ 16000	8.8	11.3	20.1	64.0	66.3	67.2	68.8	69.5	69.5	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.2
≥ 14000	0.8	11.7	60.4	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	70.4
≥ 12000	9.4	16.4	62.3	67.4	69.8	70.7	72.4	73.2	73.2	73.4	73.4	73.4	73.7	73.7	73.7	73.7	73.9
≥ 10000	10.2	17.7	60.9	71.3	73.9	74.9	76.6	77.4	77.4	77.6	77.6	77.6	77.9	77.9	77.9	77.9	78.2
≥ 9000	10.2	18.3	67.7	72.1	74.8	75.9	77.5	78.3	78.4	78.7	78.7	78.7	79.0	79.0	79.0	79.0	79.3
≥ 8000	10.5	60.6	70.2	74.7	77.3	78.5	80.2	81.0	81.1	81.5	81.5	81.5	81.7	81.7	81.7	81.7	82.1
≥ 7000	10.5	61.4	71.2	75.9	78.5	79.7	81.5	82.3	82.4	82.3	82.3	82.4	82.4	83.0	83.0	83.0	83.3
≥ 6000	10.6	62.9	72.9	77.7	80.3	81.7	83.5	84.4	84.4	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.6
≥ 5000	10.6	63.9	74.0	78.8	81.6	82.8	84.6	85.5	85.6	86.0	86.0	86.0	86.1	86.3	86.3	86.4	86.7
≥ 4500	10.6	64.3	74.4	79.2	82.0	83.2	85.0	85.9	86.0	86.4	86.4	86.5	86.7	86.7	86.7	86.7	87.1
≥ 4000	10.6	65.4	75.5	80.6	83.8	85.0	86.9	87.8	87.9	88.3	88.3	88.4	88.7	88.7	88.7	88.7	89.0
≥ 3500	10.6	65.9	76.0	81.2	84.4	85.6	87.7	88.6	88.7	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.8
≥ 3000	10.6	65.9	76.0	81.2	84.4	85.6	87.7	88.6	88.7	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.8
≥ 2500	10.6	66.8	77.0	82.1	85.4	86.6	88.7	89.5	89.5	90.1	90.1	90.2	90.4	90.4	90.4	90.4	90.8
≥ 2000	10.6	67.4	77.7	83.3	86.7	87.9	89.9	90.8	90.9	91.3	91.3	91.4	91.7	91.7	91.7	91.7	92.1
≥ 1800	10.6	67.6	77.9	83.7	87.1	88.3	90.3	91.2	91.3	91.7	91.7	91.8	92.1	92.1	92.1	92.1	92.4
≥ 1500	10.6	67.7	78.0	83.7	87.2	88.4	90.5	91.4	91.5	92.0	92.0	92.1	92.3	92.3	92.3	92.3	92.4
≥ 1200	10.6	68.1	78.7	84.6	88.3	89.6	91.7	92.7	92.8	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.9
≥ 1000	10.6	68.8	79.4	85.6	89.4	90.9	93.1	94.0	94.2	94.7	94.7	94.8	95.0	95.0	95.0	95.0	95.3
≥ 900	10.6	69.1	79.7	86.0	89.8	91.3	93.5	94.4	94.6	95.1	95.1	95.2	95.4	95.4	95.4	95.4	95.7
≥ 800	10.6	69.3	80.2	86.6	90.6	92.0	94.2	95.2	95.3	95.8	95.8	95.9	96.1	96.1	96.1	96.1	96.4
≥ 700	10.6	69.5	80.5	87.2	91.3	92.8	95.0	96.0	96.1	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.3
≥ 600	10.6	69.7	80.7	87.5	91.7	93.1	95.4	96.3	96.5	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.7
≥ 500	10.6	69.8	81.2	88.0	92.5	94.0	96.4	97.4	97.5	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.6
≥ 400	10.6	69.8	81.2	88.0	92.5	94.0	96.5	97.6	97.6	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.8
≥ 300	10.6	69.8	81.3	88.2	92.7	94.4	96.8	98.0	98.2	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.3
≥ 200	10.6	69.8	81.3	88.2	92.7	94.4	96.8	98.0	98.2	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.3
≥ 100	10.6	69.8	81.3	88.2	92.7	94.4	96.8	98.0	98.3	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.3
≥ 0	10.6	69.8	81.3	88.2	92.7	94.4	96.8	98.0	98.3	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.3

TOTAL NUMBER OF OBSERVATIONS: 1260

DATA PROCESSING DIVISION
 USAF ETAC
 AIR PLATER SERVICE/MAC

CEILING VERSUS VISIBILITY

0475
 STATION

F-16T HELM AIR V/DAVISIA AAF
 STATION NAME

57-70
 YEARS

(11)
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0670-0500
 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	5.7	47.8	52.9	55.4	57.9	58.9	59.5	60.0	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
IV 18000	4.4	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
IV 16000	2.4	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
IV 14000	2.4	52.0	57.5	61.7	63.8	64.8	65.4	66.1	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4
IV 12000	2.5	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
IV 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	75.6	75.6	75.6
IV 9000	10.8	59.0	66.7	70.6	73.5	75.3	76.0	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 8000	11.0	62.9	69.8	73.7	76.7	78.6	79.5	80.0	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.5
IV 7000	11.5	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
IV 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	83.6	83.7	83.7	83.7
IV 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
IV 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	85.3	85.4	85.4	85.5
IV 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	86.2	86.3	86.3	86.3
IV 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	86.6	86.7	86.7	86.7
IV 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	87.5	87.6	87.6	87.7
IV 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	87.7	87.8	87.8	87.9
IV 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	88.2	88.3	88.3	88.3
IV 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	88.4	88.5	88.5	88.6
IV 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	89.3	89.4	89.4	89.4
IV 1200	11.3	69.2	77.1	81.8	85.0	87.5	88.4	89.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
IV 1000	11.7	70.2	78.2	82.9	87.2	89.8	90.8	91.8	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.4
IV 900	11.8	70.6	78.6	83.3	87.7	90.3	91.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.9
IV 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	94.0	94.1	94.1	94.2
IV 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	95.2	95.3	95.3	95.4
IV 600	12.0	71.4	80.1	85.4	90.1	93.1	94.5	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.9
IV 500	12.0	71.6	80.5	85.9	90.9	93.9	95.0	97.0	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.4
IV 400	12.0	71.8	80.6	86.1	91.1	94.1	96.2	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.1
IV 300	12.0	71.8	80.7	86.2	91.2	94.2	96.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.4
IV 200	12.0	71.8	80.7	86.2	91.2	94.2	96.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7
IV 100	12.0	71.8	80.7	86.2	91.2	94.2	96.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.8
IV 0	12.0	71.8	80.7	86.2	91.2	94.2	96.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
 USAF ETAC
 AIR CENTER NEW PICE/MAC

CEILING VERSUS VISIBILITY

STATION: 41720 STATION NAME: W. T. AVIATION YEARS: 7-70 MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07:00-1100
 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	52.6	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	42.9	49.0	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
IV 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
IV 16000	19.0	63.0	55.2	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
IV 14000	14.2	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
IV 12000	19.6	66.7	69.9	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
IV 10000	15.8	71.0	73.7	75.8	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 9000	10.0	71.6	70.3	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
IV 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
IV 7000	10.8	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
IV 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
IV 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
IV 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
IV 4000	17.3	77.9	82.7	84.0	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 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
IV 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
IV 2500	17.9	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
IV 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
IV 1800	17.9	84.2	87.3	89.9	90.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 1500	17.9	84.8	88.3	90.9	91.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1200	17.9	85.7	89.0	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
IV 1000	17.9	86.3	90.0	93.7	93.7	94.6	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 900	18.0	86.5	90.7	93.9	95.2	96.0	96.4	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800	18.0	86.6	90.9	94.7	95.6	96.3	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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: 1200

DATA PRESSION DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

977.4 STATION 1001 AIR FORCE VADAVISION AAF STATION NAME 7-79 YEARS JUN MONTH 1200-1400 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	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
IV 18000 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
IV 14000 12000	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
IV 10000 9000	19.4	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
IV 8000 7000	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
IV 6000 5000	21.7	78.1	80.2	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
IV 4500 4000	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
IV 3500 3000	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
IV 2500 2000	23.0	88.6	91.0	92.1	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1800 1500	23.0	89.3	92.0	93.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1200 1000	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
IV 900 800	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
IV 700 600	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
IV 500 400	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
IV 300 200	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
IV 100 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 PRESSION DIVISION
 USAF ETAC
 AIR HEADQUARTERS SERVICE/NAAC

CEILING VERSUS VISIBILITY

STATION: 047 F-1 BELVIDER VA/DAVIS YEARS: 7-7 MONTH: 1-00-1700

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	56.8	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
≥ 20000	56.8	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
IV 18000	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	70.1
IV 16000	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	70.1
IV 14000	68.0	69.4	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 12000	70.5	71.8	72.2	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 10000	74.2	74.2	75.8	76.8	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 9000	74.9	76.5	77.5	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 8000	77.5	79.1	80.2	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 7000	78.0	79.7	80.7	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 6000	84.2	85.9	86.9	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 5000	85.9	87.7	88.8	89.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4500	86.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 4000	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 3500	86.3	89.0	90.2	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3000	87.4	90.7	91.9	92.1	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2500	87.9	91.3	92.5	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2000	88.8	92.3	93.7	94.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1800	89.0	92.5	93.9	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1500	89.0	92.8	94.4	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1200	89.1	93.1	95.0	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1000	89.2	93.2	95.2	97.2	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	89.2	93.2	95.3	97.3	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	89.6	93.7	95.9	97.9	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	89.6	93.8	96.0	98.0	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	89.6	93.9	96.1	98.1	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	89.6	93.9	96.1	98.1	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	89.6	93.9	96.1	98.1	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	89.6	93.9	96.1	98.1	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	89.6	93.9	96.1	98.1	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	89.6	93.9	96.1	98.1	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	89.6	93.9	96.1	98.1	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 1260

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

917 STATION FORT BELVUE V/DAVISON AAF 57-79 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 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
IV 18000	69.8	64.4	57.2	68.3	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 16000	69.8	64.4	57.2	68.3	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 14000	69.8	64.7	57.5	68.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 12000	71.2	67.5	70.5	71.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 10000	71.7	71.7	75.5	76.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 9000	71.7	72.3	75.3	77.7	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 8000	81.9	74.4	78.7	80.2	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 7000	82.4	75.5	79.8	81.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 6000	82.3	76.4	80.8	82.5	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 5000	82.9	79.5	82.5	84.4	85.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 4500	83.1	79.4	84.1	85.9	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 4000	83.3	82.7	88.6	90.5	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3500	83.3	83.1	89.0	91.2	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 3000	83.5	84.0	90.0	92.3	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2500	83.5	84.1	90.5	92.9	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 2000	83.8	84.6	91.1	93.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	83.8	84.8	91.3	93.7	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1500	83.9	85.0	91.9	94.4	95.8	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1200	83.5	85.4	92.3	94.9	97.5	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	83.5	85.6	92.5	95.2	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	83.5	85.6	92.7	95.3	97.9	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	83.9	85.7	92.8	95.4	98.0	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	83.5	85.7	92.9	95.6	98.2	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	83.5	85.7	92.9	95.6	98.2	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	83.5	85.7	92.9	95.6	98.3	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	83.5	85.7	93.0	95.6	98.3	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	83.5	85.7	93.0	95.6	98.3	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	83.5	85.7	93.0	95.6	98.3	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	83.5	85.7	93.0	95.6	98.3	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	83.5	85.7	93.0	95.6	98.3	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
 USAF ETAC
 AIR ETAC SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 037251 NAME: FLOYD BELVOIR VORTIC/DAVIS DAF YEARS: 7-7 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	68.8	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6
≥ 20000	16.3	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
IVV 18000	16.3	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
IVV 16000	16.3	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
IVV 14000	16.3	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
IVV 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
IVV 10000	17.5	46.1	62.0	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
IVV 9000	17.3	47.3	63.3	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
IVV 8000	17.3	49.0	65.3	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
IVV 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	82.7	82.7	82.7
IVV 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
IVV 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	87.0	87.0	87.0
IVV 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
IVV 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	92.1	92.1	92.1
IVV 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	93.0	93.0	93.0
IVV 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	93.8	93.8	93.8
IVV 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	94.3	94.3	94.3
IVV 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	95.8	95.8	95.8
IVV 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	96.1	96.1	96.1
IVV 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	96.5	96.5	96.5
IVV 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	97.1	97.1	97.1
IVV 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	97.8	97.8	97.8
IVV 900	18.3	80.0	89.0	93.1	95.6	96.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IVV 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	98.9	98.9	98.9
IVV 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
IVV 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	99.6	99.6	99.6
IVV 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	99.8	99.8	99.8
IVV 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	99.9	99.9	99.9
IVV 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	99.9	99.9	99.9
IVV 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	99.9	99.9	99.9
IVV 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	99.9	99.9	99.9
IVV 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	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 1260

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER WIC/VAC

CEILING VERSUS VISIBILITY

937.6
STATION

FORT FIVE IN W/DAVIS, IN 034
STATION NAME

1-70
YEARS

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	≥ 3/16	≥ ¼	≥ 0
NO CEILING	4.1	9.8	25.8	55.9	60.1	66.7	61.0	61.5	61.5	61.4	61.0	61.1	61.9	61.9	62.0	62.0
≥ 20000	4.5	7.3	42.8	67.9	69.5	70.2	70.9	71.9	71.5	71.8	71.8	71.2	71.9	71.9	72.0	72.0
IV 18000	4.5	37.3	63.8	67.9	69.5	70.3	70.9	71.5	71.5	71.9	71.8	71.2	71.9	71.9	72.0	72.0
IV 16000	4.5	37.4	63.0	68.7	69.6	70.4	71.0	71.5	71.6	71.8	71.9	71.9	72.0	72.0	72.1	72.1
IV 14000	4.7	39.2	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
IV 12000	4.7	39.8	65.6	70.9	71.7	72.3	73.1	74.1	74.7	74.7	74.9	75.0	75.1	75.1	75.2	75.2
IV 10000	4.8	44.2	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
IV 9000	4.8	44.7	72.3	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
IV 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	84.8	84.8	84.8	84.8
IV 7000	4.8	47.9	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
IV 6000	4.8	48.4	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
IV 5000	4.8	49.5	77.8	82.1	83.6	86.7	87.5	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4500	4.8	49.8	78.2	83.5	86.0	87.1	87.8	88.5	88.6	88.8	88.9	88.9	89.0	89.0	89.1	89.1
IV 4000	4.8	40.8	79.4	85.2	88.0	89.2	89.9	90.6	90.7	90.7	90.7	91.0	91.0	91.1	91.1	91.1
IV 3500	4.8	71.2	79.8	83.6	88.5	89.7	90.5	91.2	91.2	91.3	91.5	91.5	91.6	91.6	91.7	91.7
IV 3000	4.8	72.5	81.5	87.2	90.2	91.4	92.2	92.2	92.2	92.9	93.2	93.2	93.2	93.3	93.4	93.4
IV 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	94.0	94.0	94.1	94.1
IV 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	94.5	94.5	94.5	94.5
IV 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
IV 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	95.3	95.3
IV 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
IV 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	97.4	97.4	97.5	97.5
IV 900	4.8	74.8	84.7	90.7	93.8	95.2	96.5	97.3	97.4	97.7	97.7	97.8	97.8	97.8	97.9	97.9
IV 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	98.2	98.2	98.2	98.2
IV 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	98.9	98.9
IV 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	99.3	99.3	99.4	99.4
IV 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	99.6	99.7	99.7
IV 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	99.6	99.7	99.7
IV 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	99.6	99.7	99.7
IV 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	99.6	99.7	99.7
IV 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	99.6	99.7	99.7
IV 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	99.6	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1300

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER VICF/MAC

CEILING VERSUS VISIBILITY

9376
 STATION

FORT BELLEVILLE VA/DAVIS/D AAF
 STATION NAME

57-76
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1030-0500
 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	7.0	41.9	47.2	53.3	53.4	57.7	57.0	59.4	59.4	59.7	60.0	60.3	60.5	60.5	60.0	60.7
IV 18000	7.0	36.1	34.1	53.6	52.1	51.4	64.8	65.7	65.3	65.7	65.6	66.1	66.4	66.4	66.5	66.6
IV 16000	7.6	35.1	34.3	52.8	62.2	63.5	65.0	65.4	65.4	61.0	66.0	66.0	66.6	66.6	66.7	66.7
IV 14000	7.7	47.3	35.0	65.2	63.7	65.7	66.4	66.8	66.9	67.4	67.4	67.7	68.0	68.0	68.1	68.2
IV 12000	8.1	30.1	36.7	63.4	67.0	68.3	69.8	70.2	70.3	70.7	70.3	71.0	71.4	71.5	71.5	71.6
IV 10000	8.3	33.5	62.7	68.7	71.9	73.6	73.3	75.7	75.7	76.2	76.3	76.5	77.0	77.0	77.0	77.1
IV 9000	8.2	34.1	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
IV 8000	8.2	35.1	65.0	71.7	74.9	76.8	78.0	79.3	79.1	79.6	79.0	79.3	80.3	80.3	80.4	80.5
IV 7000	8.2	36.8	66.3	71.7	73.7	77.6	77.4	79.9	80.0	80.4	80.6	80.8	81.3	81.3	81.4	81.4
IV 6000	8.3	37.1	66.7	72.1	70.2	78.2	80.0	80.4	80.5	81.0	81.3	81.4	82.0	82.0	82.0	82.1
IV 5000	8.4	38.4	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
IV 4500	8.4	38.5	68.4	74.3	78.5	80.6	82.4	82.9	83.0	83.7	83.7	84.2	84.6	84.6	84.7	84.8
IV 4000	8.4	39.4	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
IV 3500	8.4	39.4	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
IV 3000	8.4	40.6	70.8	76.6	81.6	83.8	85.7	86.2	86.5	87.2	87.3	87.4	88.0	88.0	88.1	88.2
IV 2500	8.4	41.3	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
IV 2000	8.4	42.0	72.6	78.7	83.8	86.2	88.2	88.8	88.9	89.6	89.8	90.0	90.6	90.6	90.6	90.7
IV 1800	8.4	42.0	72.6	78.7	83.8	86.2	88.2	88.8	88.9	89.6	89.8	90.0	90.6	90.6	90.6	90.7
IV 1500	8.5	42.2	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
IV 1200	8.5	43.5	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
IV 1000	8.5	44.0	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
IV 900	8.6	44.3	75.0	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
IV 800	8.7	44.7	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
IV 700	8.7	45.1	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
IV 600	8.7	45.3	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
IV 500	8.7	45.5	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
IV 400	8.7	45.5	77.4	84.5	90.0	92.6	95.0	95.9	95.9	96.6	97.1	97.2	97.9	97.9	98.0	98.2
IV 300	8.7	45.5	77.5	84.6	90.1	92.7	95.1	96.1	96.2	97.1	97.6	97.8	98.3	98.3	98.6	98.8
IV 200	8.7	45.5	77.5	84.6	90.1	92.7	95.1	96.1	96.2	97.1	97.9	98.2	99.0	99.0	99.1	99.4
IV 100	8.7	45.5	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	99.8
IV 0	8.7	45.5	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

3
 DATA PROCESSING DIVISION
 USAF ETA
 AIR MATER SERVICE/MAC

CEILING VERSUS VISIBILITY

9-77
 STATION

FMET WELVOIR V. / CIVIL IN AAF
 STATION NAME

7-70
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0500
 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	6.1	36.4	42.1	46.3	47.0	50.4	51.4	51.9	52.0	52.1	52.2	52.2	52.5	52.5	52.5	52.5
≥ 20000	6.9	40.8	47.9	52.0	56.0	57.6	58.8	59.4	59.4	59.5	59.7	59.7	59.9	59.9	60.0	60.0
IV 18000	5.7	41.1	48.3	53.3	56.4	59.0	59.1	59.8	59.8	59.9	60.1	60.1	60.3	60.3	60.4	60.4
16500	6.9	41.1	48.3	53.4	56.5	58.1	59.2	59.9	59.9	60.0	60.1	60.1	60.4	60.4	60.4	60.4
IV 14500	7.1	42.5	49.7	54.8	57.8	59.5	60.7	61.3	61.4	61.4	61.6	61.6	61.8	61.8	61.9	61.9
12000	7.7	46.5	54.1	58.8	62.8	64.5	65.7	66.3	66.4	66.4	66.6	66.6	66.7	66.7	67.0	67.0
IV 10000	7.9	50.0	58.4	64.4	68.9	70.7	72.0	73.0	73.0	73.1	73.3	73.3	73.6	73.6	73.7	73.7
9000	8.1	50.9	59.5	65.6	69.9	72.0	73.3	74.3	74.3	74.4	74.6	74.6	74.9	74.9	75.0	75.0
IV 8000	8.4	53.1	62.5	69.0	73.7	75.3	77.3	78.3	78.4	78.6	78.7	78.7	79.0	79.0	79.1	79.1
7000	8.4	54.1	63.5	70.0	74.7	76.8	78.3	79.3	79.6	79.7	79.9	79.9	80.2	80.2	80.3	80.3
IV 6000	8.4	54.3	63.7	70.2	74.9	77.3	78.7	79.9	80.1	80.3	80.3	80.3	80.8	80.8	80.9	80.9
5000	8.5	55.4	64.8	71.4	75.1	78.3	80.0	81.5	81.5	81.7	81.7	82.0	82.3	82.3	82.4	82.4
IV 4500	8.5	55.7	65.1	71.8	76.6	78.7	80.5	81.7	82.0	82.2	82.4	82.4	82.8	82.8	82.9	82.9
4000	8.5	56.3	65.9	72.8	77.8	80.1	82.0	83.3	83.5	83.8	84.0	84.0	84.4	84.4	84.5	84.5
IV 3500	8.5	56.8	66.1	73.0	78.0	80.3	82.2	83.5	83.7	84.0	84.3	84.3	84.6	84.6	84.7	84.7
3000	8.5	56.8	66.7	73.7	78.8	81.1	83.0	84.3	84.6	84.9	85.2	85.2	85.6	85.6	85.6	85.6
IV 2500	8.5	57.5	67.6	74.9	79.6	82.0	83.9	85.3	85.5	85.8	86.1	86.1	86.5	86.5	86.6	86.6
2000	8.7	57.9	68.2	75.2	80.3	82.6	84.6	85.9	86.1	86.4	86.7	86.7	87.1	87.1	87.2	87.2
IV 1800	8.7	58.0	68.4	75.6	80.6	83.0	84.9	86.2	86.5	86.8	87.1	87.1	87.5	87.5	87.6	87.6
1500	8.8	58.4	69.2	76.6	81.7	84.1	86.1	87.4	87.6	87.9	88.2	88.2	88.6	88.6	88.7	88.7
IV 1200	8.8	59.6	70.6	78.0	83.2	85.7	87.7	89.1	89.3	89.6	89.9	89.9	90.3	90.3	90.4	90.4
1000	9.0	61.1	72.3	80.0	85.3	87.9	90.1	91.5	91.7	92.0	92.3	92.3	92.7	92.7	92.8	92.8
IV 900	9.0	61.3	72.7	80.8	86.3	89.0	91.2	92.5	92.6	92.9	93.2	93.2	93.6	93.6	93.7	93.7
800	9.1	61.4	72.9	81.3	87.1	89.9	92.1	93.5	93.8	94.2	94.5	94.5	94.9	94.9	95.0	95.0
IV 700	9.1	62.0	73.4	82.0	88.1	90.9	93.2	94.6	95.1	95.3	95.9	95.9	96.3	96.3	96.4	96.4
600	9.1	62.1	73.6	82.2	88.5	91.5	93.9	95.8	96.0	96.5	96.9	96.9	97.3	97.3	97.4	97.4
IV 500	9.1	62.2	73.7	82.3	88.6	91.7	94.3	96.2	96.4	97.1	97.5	97.5	97.8	97.8	98.0	98.1
400	9.1	62.2	73.7	82.4	88.7	91.8	94.6	96.5	96.9	97.3	97.9	97.9	98.3	98.4	98.5	98.6
IV 300	9.1	62.2	73.7	82.4	88.7	91.8	94.6	96.5	96.9	97.5	97.9	97.9	98.5	98.5	98.6	98.6
200	9.1	62.2	73.7	82.4	88.7	91.8	94.6	96.5	96.9	97.5	98.2	98.2	98.8	98.8	98.9	98.9
IV 100	9.1	62.2	73.7	82.4	88.7	91.8	94.6	96.5	96.9	97.5	98.2	98.2	98.8	98.8	98.9	98.9
0	9.1	62.2	73.7	82.4	88.7	91.8	94.6	96.5	96.9	97.5	98.2	98.2	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1307

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION: 037 ICAO: FT FLY 19 VFR/CEILING: 320 YEARS: 67-70 MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-1100
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	11.4	49.2	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	49.2	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	65.5	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	71.4	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	15.1	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	92.4	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	86.8	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	88.9	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	88.9	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	88.9	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	89.0	94.7	97.5	98.8	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	15.3	81.3	89.0	94.7	97.5	98.8	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200	15.3	81.3	89.0	94.7	97.5	98.8	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
100	15.3	81.3	89.0	94.7	97.5	98.8	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	15.3	81.3	89.0	94.7	97.5	98.8	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 1302

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

STATION: 247 STATION NAME: W/DAVIS YEARS: 7-7 MONTH: 1-1

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	13.0	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	
≥ 20000	13.0	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	
IV 18000	13.0	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	
IV 16000	13.0	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	
IV 14000	13.0	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	
IV 12000	13.0	33.0	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	
IV 10000	13.7	70.3	71.7	73.0	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
IV 9000	13.7	72.4	74.0	75.3	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
IV 8000	13.7	73.0	74.7	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	
IV 7000	13.7	73.3	75.0	76.4	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
IV 6000	13.7	74.3	76.4	78.1	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
IV 5000	13.7	74.7	77.0	78.8	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
IV 4500	17.0	76.9	81.3	83.1	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
IV 4000	18.1	79.3	84.2	86.1	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	
IV 3500	18.3	80.3	85.3	87.3	88.3	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
IV 3000	18.8	82.4	87.7	89.9	90.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
IV 2500	19.1	84.3	90.0	92.2	93.2	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
IV 2000	19.1	85.6	91.7	93.9	95.1	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
IV 1800	19.1	85.8	91.9	94.1	95.2	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
IV 1500	19.1	86.3	92.4	94.7	95.9	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
IV 1200	19.2	86.6	93.0	95.3	97.1	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
IV 1000	19.2	86.9	93.3	95.7	97.8	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
IV 900	19.2	87.2	93.6	96.1	98.2	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
IV 800	19.2	87.2	93.6	96.5	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 700	19.2	87.3	93.7	96.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 600	19.2	87.3	93.7	96.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 500	19.2	87.3	93.7	96.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 400	19.2	87.3	93.7	96.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 300	19.2	87.3	93.7	96.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 200	19.2	87.3	93.7	96.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 100	19.2	87.3	93.7	96.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 0	19.2	87.3	93.7	96.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	

TOTAL NUMBER OF OBSERVATIONS: 1302

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/NAAC

CEILING VERSUS VISIBILITY

STATION 9771 FIRST HELVIER VAD/DAVISVILLE AFB YEARS 57-70 MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.1	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
IV 18000 16000	65.4	61.4	64.2	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
IV 14000 12000	66.4	61.6	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
IV 10000 8000	66.0	62.1	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
IV 6000 5000	67.0	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
IV 4500 4000	68.0	71.7	73.1	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
IV 3500 3000	68.0	72.0	73.6	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 2500 2000	68.5	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
IV 1800 1500	68.5	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
IV 1200 1000	68.5	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
IV 900 800	68.9	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
IV 700 600	69.0	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
IV 500 400	69.0	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
IV 300 200	69.5	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
IV 100 0	69.0	84.4	70.2	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
IV 2500 2000	70.1	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
IV 1800 1500	70.1	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
IV 1200 1000	70.1	86.4	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
IV 900 800	70.1	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
IV 700 600	70.1	86.6	93.1	96.5	98.0	98.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500 400	70.1	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
IV 300 200	70.1	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
IV 100 0	70.1	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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 037 PORT BELVOIR VAF/DAVIS 4AF

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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.3	48.7	54.0	55.3	57.0	57.3	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7
≥ 20000	11.3	56.8	63.5	65.9	67.6	68.2	68.4	68.5	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7
IV 18000	11.3	56.9	63.6	65.9	67.7	68.1	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8
≥ 16000	11.7	57.0	63.7	66.2	67.9	68.5	68.7	68.8	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0
IV 14000	12.0	57.7	64.4	66.9	68.6	69.2	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.7	69.7	69.7
≥ 12000	12.2	57.9	64.6	67.1	68.9	69.4	69.7	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0
IV 10000	12.8	58.1	64.8	67.6	69.1	69.7	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.2
≥ 9000	12.4	56.8	63.5	66.0	67.7	68.3	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8
IV 8000	13.1	58.6	64.0	66.9	68.4	69.0	69.4	69.5	69.5	69.5	69.6	69.6	69.7	69.7	69.7	69.7
≥ 7000	13.1	59.4	64.0	67.1	68.6	69.2	69.5	69.6	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.8
IV 6000	13.1	59.7	64.3	67.4	68.9	69.5	69.9	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2
≥ 5000	13.1	71.1	61.2	64.3	67.1	67.9	68.2	68.3	68.3	68.3	68.4	68.5	68.5	68.6	68.6	68.6
IV 4500	13.1	71.4	61.5	64.6	67.6	68.5	69.0	69.1	69.1	69.2	69.2	69.3	69.3	69.4	69.4	69.4
≥ 4000	13.3	72.6	63.3	66.7	69.9	70.8	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.6	71.6	71.6
IV 3500	13.3	72.9	63.6	67.0	70.2	71.1	71.5	71.6	71.6	71.7	71.7	71.8	71.8	71.9	71.9	71.9
≥ 3000	13.3	73.7	64.0	67.3	70.5	71.5	72.0	72.0	72.0	72.1	72.1	72.2	72.2	72.3	72.3	72.3
IV 2500	13.3	74.2	65.3	69.1	72.5	73.5	74.1	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4
≥ 2000	13.3	74.1	66.5	70.4	73.8	74.9	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.8	75.8	75.8
IV 1800	13.3	75.5	67.9	71.8	75.2	76.3	76.9	76.9	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.2
≥ 1500	13.3	75.9	68.3	72.2	75.6	76.7	77.3	77.3	77.3	77.4	77.4	77.5	77.5	77.6	77.6	77.6
IV 1200	13.3	76.5	68.8	72.7	76.1	77.2	77.8	77.8	77.8	77.9	77.9	78.0	78.0	78.1	78.1	78.1
≥ 1000	13.3	76.6	68.9	72.8	76.2	77.3	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.2	78.2	78.2
IV 900	13.3	76.6	68.9	72.8	76.2	77.3	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.2	78.2	78.2
≥ 800	13.3	76.7	69.0	72.9	76.3	77.4	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3
IV 700	13.3	76.7	69.0	72.9	76.3	77.4	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3
≥ 600	13.3	76.7	69.0	72.9	76.3	77.4	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3
IV 500	13.3	76.7	69.0	72.9	76.3	77.4	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3
≥ 400	13.3	76.7	69.0	72.9	76.3	77.4	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3
IV 300	13.3	76.7	69.0	72.9	76.3	77.4	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3
≥ 200	13.3	76.7	69.0	72.9	76.3	77.4	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3
IV 100	13.3	76.7	69.0	72.9	76.3	77.4	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3
≥ 0	13.3	76.7	69.0	72.9	76.3	77.4	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3

TOTAL NUMBER OF OBSERVATIONS 1361

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 94720 FORT BELVUE V4/DAVISON AAF

YEARS 57-70

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0001-0210
 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	6.7	10.1	56.0	59.0	50.9	61.5	62.0	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4
≥ 2000	7.8	10.7	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
IV 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
IV 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
IV 14000	7.8	57.2	64.3	67.5	70.0	70.8	71.4	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
IV 12000	8.8	60.7	68.2	71.8	74.3	75.2	75.8	76.7	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4
IV 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
IV 9000	9.1	65.7	73.4	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
IV 8000	9.4	67.0	76.0	80.0	82.6	83.5	84.2	84.8	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2
IV 7000	9.4	67.8	75.9	80.2	83.6	84.4	85.2	85.7	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.2
IV 6000	9.6	68.5	77.8	82.1	84.8	85.6	86.4	86.9	87.0	87.1	87.2	87.2	87.2	87.3	87.3	87.4
IV 5000	9.6	69.8	79.2	83.5	86.3	87.2	88.1	88.0	88.7	88.0	88.9	88.9	88.9	89.0	89.0	89.1
IV 4500	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	89.3
IV 4000	9.5	71.5	81.1	85.8	88.7	89.5	90.5	91.0	91.1	91.2	91.1	91.1	91.1	91.4	91.4	91.5
IV 3500	9.9	71.6	81.3	86.0	89.0	89.9	90.8	91.3	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.8
IV 3000	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
IV 2500	10.0	73.3	83.7	88.8	91.8	92.6	93.5	94.1	94.2	94.3	94.3	94.3	94.3	94.5	94.5	94.6
IV 2000	10.0	74.0	84.4	89.5	92.3	93.5	94.5	95.0	95.1	95.2	95.4	95.4	95.5	95.5	95.5	95.5
IV 1800	10.0	74.3	84.8	89.9	92.9	94.0	94.9	95.5	95.5	95.7	95.8	95.8	95.8	95.9	95.9	96.0
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 600	10.0	75.2	86.2	91.9	95.2	96.3	97.6	98.3	98.3	98.7	98.8	98.8	98.9	98.9	98.9	99.0
IV 500	10.0	75.2	86.2	91.9	95.3	96.4	97.7	98.3	98.7	98.9	99.1	99.1	99.2	99.3	99.3	99.4
IV 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	99.7	99.7	99.8
IV 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	99.7	99.7	99.8
IV 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	99.8	99.9	99.9	100.0
IV 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	99.8	99.9	99.9	100.0
IV 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	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1301

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

447
STATION

UNIT (FLYING W/ DIVISION) AAF

(7-7)

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0101-0500
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	61.2	62.6	63.4	65.5	68.5	69.5	69.5	61.1	61.1	61.5	61.6	61.6	61.6	61.6	61.6	61.6
IV 18000	7.9	47.7	56.6	62.0	63.5	66.7	68.2	68.9	68.9	69.5	69.7	69.7	69.7	69.7	69.7	69.7
IV 16000	7.9	47.7	56.6	62.0	63.5	66.7	68.2	68.9	68.9	69.5	69.7	69.7	69.7	69.7	69.7	69.7
IV 14000	7.9	48.2	57.2	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
IV 12000	7.6	51.5	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
IV 10000	8.1	55.0	64.9	70.8	74.5	75.8	77.4	78.4	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 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
IV 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
IV 7000	8.6	58.7	69.2	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
IV 6000	8.8	59.2	69.8	76.3	80.7	81.7	83.5	84.5	84.5	85.0	85.2	85.2	85.2	85.2	85.2	85.2
IV 5000	9.3	60.3	71.5	78.1	82.7	83.5	85.5	86.5	86.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 700	9.2	65.8	78.6	86.6	91.4	92.9	95.6	97.0	97.1	97.7	98.1	98.1	98.1	98.1	98.1	98.1
IV 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
IV 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
IV 400	9.4	66.3	79.3	87.5	92.4	93.9	96.8	98.2	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4
IV 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
IV 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
IV 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
IV 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/MAC

CEILING VERSUS VISIBILITY

93723
STATION

FLEET BELVUEIR V4/DAVISON AAF
STATION NAME

57-73
YEARS

ALL
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	≥ 5/16	≥ 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	37.2	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
IV 18000	5.3	37.2	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
IV 16000	5.3	37.4	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
IV 14000	5.3	38.4	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
IV 12000	5.3	42.0	50.1	55.3	60.4	62.8	64.8	65.9	66.1	66.5	67.0	67.5	67.6	67.6	67.6	67.7
IV 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
IV 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
IV 8000	7.4	49.4	58.8	65.3	71.1	74.3	76.4	77.7	77.8	78.5	79.2	79.4	79.8	79.8	79.8	79.8
IV 7000	7.6	50.4	60.2	66.7	72.5	75.7	77.8	79.2	79.4	80.1	80.7	80.9	81.3	81.3	81.3	81.4
IV 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
IV 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	83.1	83.1
IV 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
IV 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
IV 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
IV 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
IV 2500	8.5	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
IV 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
IV 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
IV 1500	8.6	44.2	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 600	8.8	55.2	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
IV 500	8.8	56.4	67.8	76.8	85.2	90.1	93.2	95.4	95.7	96.7	97.7	97.9	98.4	98.4	98.4	98.5
IV 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
IV 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
IV 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
IV 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
IV 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 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037-8 STATION 11ST BELVUE VORCAVISON AAF STATION NAME 07-70 YEARS MONTH 0400-1100 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	7.5	46.0	53.0	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	8.5	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
≥ 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
≥ 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
≥ 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	63.7	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
≥ 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
≥ 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	66.6	76.6	81.1	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 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
≥ 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
≥ 2000	10.8	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
≥ 1500	11.1	73.1	82.3	87.9	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
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
≥ 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
≥ 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
≥ 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
≥ 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	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	11.2	76.0	86.5	93.1	96.7	98.0	98.7	99.3	99.3	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	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	11.2	76.0	86.5	93.1	96.7	98.0	98.7	99.3	99.3	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 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43728
STATION

FICT RELV III W/DAVISDILL AAF
STATION NAME

57-71
YEARS

11/1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1600
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	50.6	54.3	55.7	55.9	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	12.5	61.0	62.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 18000	12.6	51.2	65.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000	12.6	51.5	66.1	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 14000	12.8	52.5	67.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 12000	14.3	55.4	71.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 10000	15.5	59.4	74.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 9000	15.5	70.1	75.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 8000	14.0	72.3	77.3	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 7000	14.0	72.8	75.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 6000	14.2	73.5	79.3	81.3	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 5000	14.5	75.2	81.2	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 4500	14.8	76.2	82.1	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4000	15.1	78.2	84.3	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 3500	15.3	79.5	85.6	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 3000	15.3	81.3	87.9	91.0	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2500	15.5	82.9	90.0	93.6	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2000	15.7	83.6	90.8	94.9	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1800	15.7	83.7	91.2	95.2	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500	15.8	84.2	92.0	96.1	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	15.8	84.3	92.5	96.3	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1000	15.8	84.6	92.5	96.6	97.5	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	15.8	84.6	92.5	96.6	97.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	15.8	84.6	92.5	96.7	97.9	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	15.8	84.6	92.5	96.7	97.9	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	15.8	84.6	92.5	96.8	98.1	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	15.8	84.6	92.5	96.8	98.1	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	15.8	84.6	92.5	96.8	98.2	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	15.8	84.6	92.5	96.8	98.2	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	15.8	84.6	92.5	96.8	98.2	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	15.8	84.6	92.5	96.8	98.2	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	15.8	84.6	92.5	96.8	98.2	98.8	99.5	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

STATION: 037 107-111-14 V / 26015 IN 347 YEARS: 67-70 MONTH: 1-6

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	≥ 5/16	≥ 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
IV 18000	16.6	65.2	68.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 16000	16.6	65.5	68.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 14000	16.9	66.5	69.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 12000	17.4	70.8	74.3	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 10000	17.9	76.1	80.1	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 9000	17.9	76.5	80.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 8000	18.2	78.8	83.0	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
IV 7000	18.2	79.6	83.8	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 6000	18.2	80.2	84.3	85.8	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 5000	18.2	81.4	85.8	87.2	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4500	18.3	81.8	86.2	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4000	18.7	83.8	88.2	89.7	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3500	18.7	84.5	89.1	90.5	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3000	18.8	86.8	91.8	93.5	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 2500	19.0	87.7	92.8	95.0	95.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2000	19.0	88.2	93.5	95.8	96.4	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	19.0	88.2	93.6	95.8	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500	19.0	88.4	93.9	96.7	96.8	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	19.0	88.5	94.1	96.3	96.9	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	19.0	88.5	94.1	96.5	97.1	97.6	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	19.0	88.5	94.1	96.5	97.2	97.9	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	19.0	88.5	94.3	96.8	97.5	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	19.0	88.5	94.3	96.8	97.5	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	19.0	88.5	94.4	96.9	97.8	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	19.0	88.5	94.4	96.9	97.8	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	19.0	88.5	94.4	97.0	97.8	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	19.0	88.5	94.4	97.0	97.8	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200	19.0	88.5	94.4	97.0	97.8	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 100	19.0	88.5	94.4	97.0	97.8	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 0	19.0	88.5	94.4	97.0	97.8	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 1300

DATA PROCESSING DIVISION
 USAF ETAC
 AIR CENTER SERVICE/MAC

CEILING VERSUS VISIBILITY

937
 STATION

PORT PLV VISIBILITY DATA
 STATION NAME

57-76
 YEARS

1966
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-2000
 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	12.0	31.5	55.2	66.6	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	77.3	69.7	69.3	69.4	61.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IVM 18000	14.6	62.6	67.3	66.7	69.3	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
16000	4.4	52.9	57.6	62.0	69.5	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IVM 14000	14.8	64.2	63.9	75.3	70.9	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
12000	15.8	67.8	71.8	74.6	75.2	75.3	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IVM 10000	15.8	72.7	78.6	80.5	81.1	81.2	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
9000	15.8	73.5	79.0	81.6	82.0	82.3	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IVM 8000	16.1	75.8	82.4	84.7	85.4	85.6	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
7000	16.1	76.3	83.0	85.1	86.1	86.2	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IVM 6000	16.1	76.8	83.5	85.9	86.7	86.9	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
5000	16.4	78.1	84.9	87.5	88.3	88.7	89.3	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IVM 4500	16.5	78.5	85.3	88.1	88.9	89.2	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
4000	16.5	79.9	87.2	89.9	90.8	91.3	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
IVM 3500	16.7	80.7	88.0	90.9	91.8	92.3	93.0	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
3000	16.7	81.6	89.2	92.2	93.2	94.0	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IVM 2500	16.7	82.1	90.1	93.2	94.4	95.1	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
2000	16.8	82.4	90.7	94.0	95.2	95.9	95.7	96.2	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
IVM 1800	16.8	82.5	90.8	94.2	95.3	96.0	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1500	16.8	82.6	90.9	94.3	95.5	96.2	97.2	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IVM 1200	16.8	82.7	91.3	94.8	96.0	96.8	97.9	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
1000	16.8	82.8	91.5	94.9	96.2	97.1	98.2	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IVM 900	16.6	82.8	91.6	95.1	96.2	97.2	98.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
800	16.8	82.9	91.7	95.2	96.3	97.5	98.6	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 700	16.8	82.9	91.8	95.3	96.6	97.6	98.8	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
600	15.8	82.9	91.8	95.3	96.6	97.7	98.9	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IVM 500	16.8	82.9	91.8	95.3	96.7	97.8	99.0	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
400	16.8	82.9	91.8	95.3	96.7	97.8	99.0	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IVM 300	16.8	82.9	91.8	95.3	96.8	97.8	99.1	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
200	16.8	82.9	91.8	95.3	96.8	97.8	99.1	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IVM 100	16.8	82.9	91.8	95.3	96.8	97.8	99.1	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
0	16.8	82.9	91.8	95.3	96.8	97.8	99.1	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1301

CEILING VERSUS VISIBILITY

STATION: 217 DATE: 1970-7-10 STATION NAME: 37-7 YEARS: 196 MONTH: 196

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURLS (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	7.7	20.7	30.2	36.5	59.3	57.5	60.3	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5
IV 18000 16000	10.1	29.9	36.5	39.0	30.1	70.3	71.1	71.3	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6
IV 14000 12000	10.2	61.0	67.6	70.2	71.3	71.5	72.3	72.4	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
IV 10000 9000	11.2	58.7	76.2	79.2	83.4	80.6	81.6	81.7	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0
IV 8000 7000	11.8	72.1	83.2	83.5	84.7	84.9	85.9	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.6
IV 6000 5000	11.9	73.0	81.3	84.7	85.9	86.2	87.2	87.4	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.9
IV 4500 4000	12.0	73.9	82.9	86.8	88.2	88.4	89.4	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.1
IV 3500 3000	12.1	76.1	85.4	89.5	91.0	91.3	92.5	92.7	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.2
IV 2500 2000	12.1	77.6	87.6	92.5	94.2	94.5	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.4
IV 1800 1500	12.1	77.9	88.1	93.3	95.0	95.3	96.6	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3
IV 1200 1000	12.1	78.1	88.5	93.9	95.7	96.0	97.6	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.4
IV 900 800	12.1	78.2	88.8	94.4	96.4	96.7	98.3	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.2
IV 700 600	12.1	78.2	88.9	94.5	96.5	96.8	98.4	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.2
IV 500 400	12.1	78.2	89.0	94.8	97.0	97.4	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9
IV 300 200	12.1	78.2	89.0	94.8	97.0	97.4	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0
IV 100 0	12.1	78.2	89.0	94.8	97.0	97.4	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 1361

DATA PROCESSING DIVISION
 USAF ETAC
 AIR BEAT LIAISON SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 037.1 PORT BELVOIR VA/NAVY/USAF STATION NAME 07-70 YEARS MONTH 0000-0200
 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 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	58.4	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	58.5	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	59.2	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	61.2	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	84.0	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	74.3	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	91.4	91.7	91.9	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	92.2	92.3	92.3
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	82.5	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	82.7	87.1	90.5	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	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
USAF ETAC
AIR MATTER SERVICE/MAC

CEILING VERSUS VISIBILITY

037
STATION

FLEET BELVOIR V4/DAVISON AAF
STATION NAME

57-7-1
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	≥ 5/16	≥ 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	64.0	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	67.6	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	79.1	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	79.8	82.9	83.9	85.0	86.0	86.1	86.5	86.7	86.7	86.7	86.9	87.0	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	88.8	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	14.2	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	14.3	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	14.3	69.4	79.0	84.4	88.3	89.3	90.5	92.0	92.2	92.7	92.9	92.9	93.0	93.1	93.1	93.4
≥ 700	14.8	69.8	79.4	84.8	88.7	89.7	91.3	92.5	92.8	93.3	93.7	93.7	93.8	94.0	94.0	94.4
≥ 600	14.8	70.2	79.8	85.3	89.5	90.6	92.2	94.0	94.3	94.8	95.0	95.0	95.1	95.2	95.3	95.6
≥ 500	14.8	70.3	80.0	85.7	90.0	91.3	93.3	95.2	95.5	96.0	96.3	96.3	96.4	96.6	96.7	97.0
≥ 400	14.8	70.3	80.0	85.8	90.2	91.5	93.8	96.1	96.3	97.0	97.4	97.4	97.5	97.6	97.7	98.0
≥ 300	14.8	70.3	80.0	85.8	90.2	91.6	94.0	96.3	96.6	97.3	97.7	97.7	97.8	97.9	98.0	98.4
≥ 200	14.8	70.3	80.0	85.8	90.2	91.6	94.1	96.6	96.8	97.6	98.1	98.1	98.2	98.3	98.4	98.8
≥ 100	14.8	70.3	80.0	85.8	90.2	91.6	94.1	96.6	96.8	97.7	98.3	98.3	98.4	98.5	98.7	99.1
≥ 0	14.8	70.3	80.0	85.8	90.2	91.6	94.1	96.6	96.8	97.7	98.3	98.3	98.4	98.5	98.7	99.1

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
 USAF ETAC
 AIR BASE SERVICE/TAC

CEILING VERSUS VISIBILITY

03735 2551 BELMONT VORTICOM AAF 57-70 STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

166,070-02:00
 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	58.7	54.1	59.2	59.0	59.7	59.9	59.9
≥ 20000	4.5	42.0	49.2	54.4	51.7	60.2	61.0	62.1	62.4	62.5	63.1	63.4	61.9	64.5	64.6	64.4
IV 18000	7.0	42.0	49.2	54.4	53.7	60.2	61.0	62.1	62.4	62.5	63.1	63.4	63.9	64.0	64.4	64.4
IV 16000	7.9	42.1	49.4	54.1	52.9	60.3	61.1	62.3	62.5	62.7	63.4	63.5	64.0	64.2	64.5	64.6
IV 14000	9.9	42.5	49.3	54.5	59.3	60.7	61.3	62.7	62.9	63.4	63.9	64.3	64.5	64.7	65.0	65.1
IV 12000	9.9	44.0	51.7	57.7	61.7	63.2	64.0	65.2	65.4	65.7	66.3	66.5	67.0	67.1	67.5	67.5
IV 10000	10.6	47.1	55.1	60.4	65.2	66.9	67.7	68.9	69.1	69.8	70.1	70.2	70.7	70.9	71.4	71.3
IV 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
IV 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
IV 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
IV 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
IV 5000	11.3	51.8	60.6	66.3	71.7	73.5	74.5	75.8	76.3	76.9	77.6	77.7	78.3	78.4	78.7	78.6
IV 4500	11.4	52.2	61.0	66.7	72.2	74.0	75.1	76.3	76.8	77.5	78.2	78.1	78.8	79.0	79.3	79.4
IV 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	81.2
IV 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
IV 3000	12.5	55.2	64.7	71.0	76.6	78.5	79.5	80.8	81.3	81.9	82.7	82.8	83.3	83.5	83.8	83.9
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	89.5
IV 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
IV 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
IV 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	92.8
IV 600	12.5	57.9	68.7	76.1	82.8	86.0	88.6	90.4	91.0	92.1	93.2	93.1	93.8	94.0	94.3	94.4
IV 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	96.7	96.7
IV 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
IV 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
IV 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	98.5
IV 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	99.4
IV 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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION: 177 FLT MILV AIR VOTAVIS 164 STATION NAME: 177 YEARS: MONTH: EV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

700-1100
 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	60.6	55.6	57.0	53.8	50.6	60.7	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	60.6	59.7	61.8	65.7	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 18000	60.6	59.7	61.8	65.7	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 16000	60.6	59.7	61.8	65.7	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 14000	17.7	55.1	64.2	65.4	66.4	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 12000	17.7	55.1	64.2	65.4	66.4	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 10000	15.2	55.4	64.1	71.3	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 9000	15.2	55.4	64.1	71.3	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 8000	16.3	57.6	70.8	74.7	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 7000	16.3	57.6	70.8	74.7	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 6000	16.7	58.9	72.3	75.3	77.9	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 5000	16.9	59.9	73.5	79.7	79.6	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 4500	16.9	70.2	73.7	78.3	79.8	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 4000	18.9	71.0	74.8	79.4	81.0	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 3500	19.0	71.4	75.2	80.1	81.7	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 3000	19.2	72.9	77.9	82.1	83.7	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 2500	19.4	74.0	78.2	83.3	84.9	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 2000	19.4	74.7	79.3	84.5	86.2	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 1800	19.4	75.0	79.6	85.0	86.7	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 1500	19.5	75.6	80.7	85.3	88.0	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1200	19.5	76.3	81.7	87.8	89.7	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1000	19.5	77.2	83.0	89.4	91.9	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 900	19.5	77.3	83.2	89.9	92.5	93.3	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 800	19.5	77.4	83.3	90.2	92.9	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 700	19.5	77.5	83.5	90.7	93.7	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 600	19.5	77.5	83.5	90.7	93.7	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 500	19.5	77.6	83.6	91.1	94.1	96.2	97.4	97.7	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	19.5	77.6	83.6	91.1	94.1	96.3	97.6	98.1	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 300	19.5	77.6	83.6	91.1	94.1	96.3	97.7	98.3	98.5	99.0	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	19.5	77.6	83.6	91.1	94.1	96.3	97.7	98.3	98.5	99.0	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	19.5	77.6	83.6	91.1	94.1	96.3	97.7	98.3	98.5	99.0	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	19.5	77.6	83.6	91.1	94.1	96.3	97.7	98.3	98.5	99.0	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 120

DATA PROCESSING DIVISION
 DMAI LTA
 AIR FORCE SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION: 1200-1400 STATION NAME: 1200-1400 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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.5	58.5	59.1	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	21.9	24.9	25.8	26.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 18000	21.9	24.9	25.8	26.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 16000	21.9	24.9	25.8	26.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 14000	22.1	25.6	26.0	27.4	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 12000	22.2	27.9	28.1	29.9	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 10000	22.7	30.2	31.7	32.6	32.9	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 9000	22.7	30.8	32.3	33.2	33.6	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 8000	22.9	32.5	34.1	35.2	35.5	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 7000	22.9	33.0	34.7	35.8	36.1	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 6000	23.2	33.8	35.9	36.6	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 5000	23.5	35.1	37.3	38.1	38.4	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 4500	23.7	35.6	37.5	38.6	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 4000	24.2	37.4	39.5	40.9	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 3500	24.7	38.4	40.5	42.0	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 3000	25.3	41.5	44.2	46.0	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 2500	25.6	44.4	47.2	49.3	49.6	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2000	25.8	45.7	48.9	51.5	51.8	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 1800	25.8	45.9	49.1	51.2	51.6	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 1500	25.8	46.4	49.2	52.8	53.2	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 1200	25.8	46.8	51.0	53.8	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 1000	25.8	47.1	51.5	54.5	55.0	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 900	25.8	47.1	51.7	54.7	55.2	55.8	55.9	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1
≥ 800	25.8	47.2	51.8	54.9	55.4	56.0	56.3	56.3	56.3	56.6	56.9	56.9	56.9	56.9	56.9	56.9
≥ 700	25.8	47.4	52.0	55.4	55.9	56.6	56.9	57.2	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 600	25.8	47.4	52.1	55.5	56.0	56.7	57.1	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 500	25.8	47.4	52.1	55.6	56.1	56.8	57.7	58.3	58.3	59.0	59.0	59.1	59.4	59.4	59.4	59.4
≥ 400	25.8	47.4	52.1	55.6	56.1	56.8	57.9	58.5	58.6	59.1	59.2	59.4	59.7	59.7	59.7	59.7
≥ 300	25.8	47.4	52.1	55.6	56.1	56.8	57.9	58.6	58.6	59.2	59.3	59.4	59.8	59.8	59.8	59.8
≥ 200	25.8	47.4	52.1	55.6	56.1	56.8	57.9	58.6	58.6	59.2	59.3	59.4	59.8	59.8	59.8	59.8
≥ 100	25.8	47.4	52.1	55.6	56.1	56.8	57.9	58.6	58.6	59.2	59.3	59.4	59.8	59.8	59.8	59.8
≥ 0	25.8	47.5	52.1	55.6	56.2	56.7	57.9	58.6	58.7	59.3	59.4	59.4	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 101 BELVOIR W/DAVISD AAF YEARS 67-70 MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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 EARTH SERVICE/MAC

CEILING VERSUS VISIBILITY

9372P
 STATION

AIR ETAC AIR V/DAVIS H. AAI
 STATION NAME

57-70
 YEARS

YR
 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	20.3	54.9	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 18000	20.5	54.9	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	54.9	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	20.6	54.4	68.4	69.1	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 12000	20.9	57.1	70.2	71.6	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 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	72.0	75.5	77.5	78.3	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 8000	21.6	74.5	75.6	80.6	81.6	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 7000	21.7	75.6	78.8	81.8	82.9	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
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	78.4	83.0	85.3	86.4	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4500	22.2	79.3	83.9	86.3	87.4	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 4000	22.8	81.8	86.4	88.8	89.9	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 3500	22.9	82.4	87.0	89.4	90.8	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	82.9	87.7	90.1	91.7	92.1	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2500	22.9	83.2	88.0	90.6	92.4	92.8	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 2000	22.9	83.6	88.7	91.3	93.2	93.6	94.4	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1800	22.9	83.6	88.7	91.3	93.2	93.7	94.3	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1500	22.9	83.7	88.9	91.7	93.5	94.0	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1200	22.9	83.8	89.0	91.9	94.0	94.6	95.6	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	22.9	83.9	89.3	92.2	94.3	94.9	96.2	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 900	22.9	83.9	89.3	92.2	94.4	95.0	96.3	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 800	22.9	83.9	89.4	92.4	94.7	95.3	96.7	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 700	22.9	83.9	89.4	92.5	94.9	95.6	97.0	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	22.9	83.9	89.4	92.5	95.1	95.7	97.1	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	22.9	83.9	89.4	92.6	95.2	95.8	97.2	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	22.9	83.9	89.6	92.8	95.3	96.0	97.4	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	22.9	83.9	89.6	92.8	95.3	96.0	97.4	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200	22.9	83.9	89.6	92.8	95.3	96.0	97.4	98.3	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	22.9	83.9	89.6	92.8	95.3	96.0	97.4	98.3	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	22.9	83.9	89.6	92.8	95.3	96.0	97.4	98.3	98.7	99.1	99.2	99.2	99.2	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1260

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 24725 FIFTY SEVENTH V3/DAVISON AAF STATION NAME

YEARS 57-76

MONTH SEP

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	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
18000	14.8	62.1	66.9	69.8	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	69.8	71.3	71.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
14000	14.9	62.4	67.2	70.1	71.0	72.2	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
12000	15.3	64.6	69.4	72.5	74.0	74.8	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
10000	15.6	69.3	74.6	78.0	79.9	80.7	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	75.0	78.3	80.4	81.2	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
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	73.3	78.9	82.6	84.6	85.4	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
6000	15.9	73.8	79.5	83.4	85.4	86.2	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
5000	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
4500	15.9	75.6	81.5	85.6	87.6	88.4	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
4000	16.1	77.1	83.2	87.4	89.4	90.2	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
3500	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
3000	16.1	78.3	84.4	88.6	90.6	91.4	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
2500	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
2000	16.1	78.8	85.2	89.9	92.1	93.3	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1800	16.1	78.9	85.3	90.0	92.2	93.3	94.0	94.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1500	16.1	79.0	85.5	90.3	92.5	93.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
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	79.3	85.9	90.8	93.1	94.4	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
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	91.1	93.6	95.1	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
700	16.1	79.3	86.1	91.1	93.7	95.2	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
600	16.1	79.3	86.2	91.3	93.8	95.3	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
500	16.1	79.3	86.3	91.3	94.0	95.6	97.7	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400	16.1	79.4	86.3	91.4	94.1	95.6	97.9	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
300	16.1	79.4	86.3	91.4	94.1	95.6	97.9	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
200	16.1	79.4	86.3	91.4	94.1	95.6	97.9	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
100	16.1	79.4	86.4	91.5	94.2	95.7	97.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0	16.1	79.4	86.4	91.5	94.2	95.7	97.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 91723 FULTON AIR VADAVISION AAF YEARS: 57-70 MONTH: CT

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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.6	17.1	12.9	04.7	05.8	06.1	06.5	07.3	07.4	07.8	08.0	08.1	08.2	08.3	08.4	08.7
≥ 20000	17.9	17.4	13.5	07.4	08.6	08.8	09.3	10.0	10.2	10.5	10.7	10.7	11.0	11.6	11.2	11.4
IV 18000	17.9	17.4	13.5	07.4	08.6	08.8	09.3	10.0	10.2	10.5	10.7	10.7	11.0	11.6	11.2	11.4
IV 16000	17.9	17.4	13.5	07.4	08.6	08.8	09.3	10.0	10.2	10.5	10.7	10.7	11.0	11.6	11.2	11.4
IV 14000	17.9	17.4	13.5	07.4	08.6	08.8	09.3	10.0	10.2	10.5	10.7	10.7	11.0	11.6	11.2	11.4
IV 12000	17.9	17.4	13.5	07.4	08.6	08.8	09.3	10.0	10.2	10.5	10.7	10.7	11.0	11.6	11.2	11.4
IV 10000	18.2	14.3	11.4	12.5	13.7	14.0	14.4	15.2	15.3	15.7	15.9	15.9	16.1	16.2	16.3	16.6
IV 9000	18.2	14.4	11.5	12.6	13.8	14.1	14.5	15.3	15.4	15.8	16.0	16.0	16.2	16.3	16.4	16.7
IV 8000	18.4	16.1	12.4	14.4	15.7	15.9	16.3	17.1	17.3	17.6	17.8	17.8	18.0	18.1	18.3	18.5
IV 7000	18.6	18.1	14.4	15.7	17.9	18.1	18.6	19.3	19.5	19.9	20.0	20.0	20.3	20.3	20.5	20.7
IV 6000	18.7	19.7	18.0	18.2	19.6	19.8	20.3	21.0	21.1	21.6	21.7	21.7	22.0	22.0	22.2	22.4
IV 5000	19.0	22.5	18.9	21.3	22.7	22.9	23.4	24.2	24.3	24.7	24.9	24.9	25.1	25.2	25.3	25.6
IV 4500	19.2	23.4	19.8	22.2	23.6	23.9	24.3	25.1	25.3	25.6	25.8	25.8	26.0	26.1	26.3	26.5
IV 4000	19.7	25.3	21.6	24.0	25.5	25.7	26.2	26.9	27.1	27.5	27.6	27.6	27.9	27.9	28.1	28.3
IV 3500	19.7	25.0	21.5	24.0	25.5	25.7	26.2	26.9	27.1	27.5	27.6	27.6	27.9	27.9	28.1	28.3
IV 3000	19.7	27.0	22.6	26.3	27.8	28.0	28.6	29.3	29.5	29.9	30.0	30.0	30.2	30.3	30.4	30.7
IV 2500	19.7	27.8	24.5	27.3	28.7	28.9	29.5	30.2	30.4	30.8	30.9	30.9	31.2	31.2	31.4	31.6
IV 2000	19.7	28.2	25.3	28.2	29.6	29.9	30.6	31.2	31.3	31.7	31.9	31.9	32.1	32.2	32.3	32.5
IV 1800	19.7	28.3	25.3	28.4	29.9	30.1	30.6	31.4	31.6	31.9	32.1	32.1	32.3	32.4	32.5	32.8
IV 1500	19.7	28.6	25.6	28.9	30.6	30.9	31.4	32.2	32.3	32.7	32.9	32.9	33.1	33.2	33.3	33.6
IV 1200	19.7	28.6	26.1	29.4	31.3	31.6	32.1	32.9	33.0	33.4	33.5	33.5	33.8	33.9	34.0	34.2
IV 1000	19.7	29.3	26.9	30.2	32.4	32.6	33.2	33.9	34.1	34.5	34.6	34.6	34.9	34.9	35.1	35.3
IV 900	19.7	29.4	27.0	30.4	32.6	32.9	33.4	34.2	34.3	34.7	34.9	34.9	35.1	35.2	35.3	35.5
IV 800	19.7	29.5	27.3	30.8	33.0	33.2	33.7	34.5	34.6	35.0	35.1	35.1	35.3	35.4	35.5	35.8
IV 700	19.7	29.5	27.3	30.8	33.0	33.2	33.7	34.5	34.6	35.0	35.1	35.1	35.3	35.4	35.5	35.8
IV 600	19.7	29.5	27.5	31.0	33.3	33.5	34.0	34.8	34.9	35.2	35.3	35.3	35.5	35.6	35.6	35.9
IV 500	19.7	29.8	27.9	31.7	34.5	34.7	35.2	36.0	36.1	36.5	36.6	36.6	36.9	36.9	37.1	37.2
IV 400	19.7	30.0	28.1	31.9	34.6	34.9	35.4	36.2	36.3	36.7	36.8	36.8	37.1	37.1	37.3	37.4
IV 300	19.7	30.0	28.1	31.9	34.7	34.9	35.4	36.2	36.3	36.7	36.8	36.8	37.1	37.1	37.3	37.4
IV 200	19.7	30.0	28.1	31.9	34.7	34.9	35.4	36.2	36.3	36.7	36.8	36.8	37.1	37.1	37.3	37.4
IV 100	19.7	30.0	28.1	31.9	34.7	34.9	35.4	36.2	36.3	36.7	36.8	36.8	37.1	37.1	37.3	37.4
IV 0	19.7	30.0	28.1	31.9	34.7	34.9	35.4	36.2	36.3	36.7	36.8	36.8	37.1	37.1	37.3	37.4

TOTAL NUMBER OF OBSERVATIONS: 1302

DATA PROCESSING DIVISION
USAF ETAC
AIR TRAINING SERVICE/TAC

CEILING VERSUS VISIBILITY

STATION: 917-1000-0500 STATION NAME: HORT DELVIR VA/COMIC 2401 YEARS: 7-7-1 MONTH: CT

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	15.5	51.6	77.1	58.8	60.5	60.6	61.0	61.5	62.0	62.7	63.0	63.5	64.1	64.1	64.5	65.0
IV 20000	15.7	54.0	79.9	61.8	62.7	63.7	64.7	65.1	65.1	65.2	66.2	66.2	67.3	67.4	67.7	68.2
IV 18000	15.7	54.0	59.9	61.8	61.7	63.7	64.7	65.1	65.1	65.9	66.2	66.2	67.3	67.4	67.7	68.2
IV 16000	15.7	54.0	59.9	61.8	61.7	63.7	64.7	65.1	65.1	65.9	66.2	66.2	67.3	67.4	67.7	68.2
IV 14000	15.7	54.1	60.0	61.8	62.7	63.8	64.8	65.1	65.2	66.0	66.3	66.3	67.4	67.4	67.8	68.3
IV 12000	15.7	55.5	61.4	63.4	65.2	65.3	66.3	66.6	66.7	67.4	67.7	67.7	68.8	68.9	69.1	69.7
IV 10000	16.4	58.1	64.4	66.4	66.3	68.4	69.4	69.7	69.7	71.5	70.8	70.7	71.9	72.0	72.4	72.6
IV 9000	16.4	58.3	64.5	66.7	68.6	68.7	69.7	70.9	70.0	71.8	71.1	71.1	72.2	72.3	72.7	73.1
IV 8000	16.6	60.4	66.8	69.0	71.0	71.0	72.0	72.4	72.4	73.2	73.5	73.5	74.6	74.7	75.0	75.5
IV 7000	17.1	62.3	69.6	71.2	73.1	73.2	74.2	74.5	74.6	75.4	75.7	75.7	76.8	76.9	77.3	77.7
IV 6000	17.2	63.7	70.4	72.6	74.5	74.7	75.7	76.0	76.1	77.0	77.3	77.3	78.3	78.4	78.8	79.3
IV 5000	17.7	65.6	73.4	75.7	77.5	77.7	78.6	79.1	79.2	80.0	80.3	80.3	81.4	81.5	81.9	82.3
IV 4500	17.7	67.1	74.0	76.3	78.3	78.3	79.4	79.7	79.8	80.6	81.0	81.0	82.0	82.1	82.5	82.9
IV 4000	17.7	68.5	75.5	78.0	80.0	80.3	81.5	81.9	82.0	82.8	83.1	83.1	84.2	84.3	84.7	85.1
IV 3500	17.7	69.9	76.0	78.7	80.8	81.1	82.3	82.6	82.7	83.5	83.9	83.9	84.9	85.0	85.4	85.9
IV 3000	18.0	69.7	77.0	79.9	82.0	82.4	83.6	84.0	84.1	84.9	85.3	85.3	86.3	86.4	86.8	87.3
IV 2500	18.0	70.9	78.4	81.3	83.4	83.8	85.0	85.4	85.5	86.3	86.6	86.6	87.7	87.8	88.2	88.6
IV 2000	18.0	71.3	79.2	82.1	84.3	84.6	85.9	86.3	86.3	87.2	87.5	87.5	88.6	88.6	89.0	89.4
IV 1800	18.0	71.4	79.3	82.2	84.3	84.7	85.9	86.3	86.4	87.3	87.6	87.6	88.6	88.7	89.1	89.6
IV 1500	18.0	71.7	79.6	82.9	85.1	85.5	86.7	87.1	87.2	88.0	88.3	88.3	89.4	89.5	89.9	90.3
IV 1200	18.0	71.9	80.0	83.2	85.5	85.9	87.3	87.6	87.7	88.6	88.9	88.9	89.9	90.0	90.4	90.9
IV 1000	18.0	72.0	80.1	83.4	85.9	86.3	87.7	88.1	88.2	89.0	89.3	89.3	90.5	90.6	90.9	91.5
IV 900	18.0	72.2	80.4	83.7	86.3	86.7	88.1	88.5	88.6	89.4	89.7	89.7	90.9	90.9	91.2	91.9
IV 800	18.0	72.4	80.7	84.1	86.7	87.1	88.6	89.0	89.1	89.9	90.2	90.2	91.5	91.6	92.0	92.5
IV 700	18.0	72.7	81.2	84.6	87.3	87.5	89.1	89.7	89.8	90.6	90.9	90.9	92.2	92.2	92.7	93.7
IV 600	18.0	72.9	81.6	85.1	87.9	88.4	89.9	90.5	90.6	91.5	91.8	91.8	93.0	93.1	93.5	94.1
IV 500	18.0	72.9	81.7	85.4	88.6	89.1	90.6	91.3	91.4	92.3	92.6	92.6	93.9	93.9	94.4	94.9
IV 400	18.0	73.1	82.0	85.6	88.9	89.5	91.1	91.9	92.0	93.0	93.3	93.3	94.5	94.7	95.2	95.7
IV 300	18.0	73.2	82.2	85.9	89.2	89.9	91.4	92.5	92.7	93.6	94.2	94.2	95.5	95.6	96.1	96.6
IV 200	18.0	73.2	82.3	86.0	89.3	89.9	91.6	92.7	93.0	94.1	94.7	94.7	96.1	96.2	96.8	97.7
IV 100	18.0	73.2	82.3	86.0	89.3	89.9	91.6	92.8	93.1	94.3	95.0	95.0	96.5	96.9	97.5	98.3
IV 0	18.0	73.2	82.3	86.0	89.3	89.9	91.6	92.8	93.1	94.3	95.1	95.1	96.5	96.9	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 1302

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9372L
STATION

FORT BELVOIR VA/DAVISON AFB
STATION NAME

57-70
YEARS

LCY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

67.00-08.00
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	50.0	54.1	56.0	56.1	56.4	56.6	56.6	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	58.8	59.0	59.0	59.3	59.3	59.3	60.2
IVM 18000	13.2	42.7	48.7	51.7	54.7	56.0	57.0	58.4	58.4	58.8	59.0	59.0	59.3	59.3	59.5	60.2
16000	13.2	42.9	48.9	52.0	55.0	56.2	57.2	58.5	58.6	59.0	59.3	59.3	59.6	59.6	59.7	60.4
IVM 14000	13.2	43.1	49.1	52.2	55.2	56.4	57.4	58.7	58.9	59.3	59.6	59.6	59.9	59.9	60.0	60.7
12000	13.5	44.3	50.3	53.3	56.3	57.6	58.6	60.0	60.1	60.6	60.6	60.6	61.1	61.1	61.5	62.0
IVM 10000	14.1	46.3	52.0	55.2	58.3	60.6	61.6	63.0	63.2	63.6	63.9	63.9	64.2	64.3	64.5	65.2
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	65.1	65.3	66.0
IVM 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	68.9	69.6
7000	14.7	51.5	58.4	62.0	65.0	67.2	68.3	69.6	69.8	70.3	70.6	70.6	70.9	71.0	71.3	72.1
IVM 6000	14.8	52.5	59.8	63.2	67.0	69.4	69.5	70.9	71.0	71.4	71.7	71.7	72.3	72.3	72.6	73.4
5000	15.3	54.4	62.2	66.1	69.7	71.4	71.6	74.0	74.2	74.5	75.1	75.2	75.5	75.6	75.7	76.7
IVM 4500	15.4	55.6	63.0	66.9	70.7	72.2	73.3	74.8	74.9	75.0	75.9	76.0	76.3	76.4	76.7	77.6
4000	15.7	57.3	64.8	69.0	72.9	74.6	76.0	77.3	77.6	78.3	78.9	78.9	79.2	79.3	79.7	80.5
IVM 3500	15.7	57.6	65.1	69.3	73.3	74.9	76.4	77.9	78.0	78.9	79.2	79.3	79.6	79.7	80.0	80.9
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	80.6	80.7	81.0	81.9
IVM 2500	15.7	58.6	66.4	70.6	75.2	77.0	76.6	80.1	80.2	81.1	81.3	81.6	81.9	81.9	82.2	83.1
2000	15.8	59.8	67.7	72.0	76.9	73.5	80.2	81.9	82.0	82.9	83.2	83.3	83.6	83.7	84.0	84.9
IVM 1800	15.8	59.9	67.9	72.3	77.7	74.0	80.7	82.3	82.5	83.3	83.8	83.9	84.2	84.3	84.6	85.4
1500	15.8	60.1	68.5	73.0	78.1	80.0	81.8	83.4	83.6	84.4	84.9	84.9	85.3	85.4	85.7	86.5
IVM 1200	15.8	60.5	68.9	73.6	78.9	80.8	82.6	84.4	84.6	85.4	85.9	85.9	86.3	86.4	86.7	87.5
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	87.7	88.0	88.9
IVM 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	88.4	88.7	89.5
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	89.0	89.1	89.4	90.2
IVM 700	15.8	61.9	70.6	75.7	81.5	83.8	85.7	87.6	87.8	88.9	89.4	89.5	89.9	90.0	90.2	91.1
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	90.6	90.7	91.0	91.9
IVM 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	91.9	91.9	92.3	93.2
400	15.8	62.0	71.1	76.2	82.3	85.7	87.9	89.8	89.9	91.2	92.0	92.1	92.5	92.6	93.0	93.9
IVM 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	94.3	95.4
200	15.8	62.0	71.1	76.2	82.4	85.1	87.8	90.2	90.4	92.7	93.4	93.7	94.4	94.5	95.1	96.4
IVM 100	15.8	62.0	71.1	76.2	82.4	85.1	87.7	90.2	90.5	92.3	93.5	93.9	94.6	94.9	95.8	98.0
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	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1301

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/NAAC

CEILING VERSUS VISIBILITY

097.0
 STATION

CURT AFB/WHV V-7 ADVISOR AAF
 STATION NAME

57-76
 YEARS

1
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	19.5	52.0	54.2	55.8	57.2	57.5	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
≥ 20000	20.1	55.5	58.4	60.3	61.7	62.1	62.4	62.7	62.6	62.6	62.6	62.6	62.7	62.7	62.8	62.8	62.9
IV 18000	20.1	55.6	58.5	60.3	61.8	62.2	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.9	63.0	63.0	63.0
IV 16000	20.1	55.8	58.7	60.6	62.0	62.4	62.7	62.8	62.9	63.0	63.0	63.0	63.1	63.1	63.2	63.2	63.2
IV 14000	20.1	56.0	59.0	60.8	62.3	62.6	63.0	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.4	63.4	63.4
IV 12000	20.7	57.5	60.0	62.4	64.0	64.3	64.6	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.1	65.1	65.1
IV 10000	21.2	60.7	64.0	66.0	67.7	68.2	68.5	68.6	68.6	68.8	68.8	68.8	68.9	68.9	69.0	69.0	69.0
IV 9000	21.4	61.6	64.8	66.9	68.6	69.2	69.5	69.6	69.6	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0
IV 8000	21.8	63.9	67.5	69.8	71.5	72.1	72.4	72.6	72.6	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9
IV 7000	22.1	64.8	68.6	70.9	72.8	73.4	73.7	73.9	73.9	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2
IV 6000	22.1	65.3	69.0	71.3	73.3	73.9	74.2	74.3	74.3	74.5	74.5	74.5	74.6	74.6	74.7	74.7	74.7
IV 5000	22.8	67.9	71.9	74.4	76.3	76.9	77.2	77.4	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.8
IV 4500	22.8	68.5	72.5	75.1	77.0	77.6	77.9	78.1	78.1	78.2	78.2	78.2	78.4	78.4	78.5	78.5	78.5
IV 4000	23.2	71.4	75.5	78.4	80.6	81.3	81.7	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.3	82.3	82.3
IV 3500	23.3	71.9	76.0	79.0	81.2	81.9	82.3	82.5	82.6	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9
IV 3000	23.4	72.6	76.9	80.0	82.2	83.0	83.5	83.6	83.7	83.9	83.9	83.9	84.0	84.0	84.1	84.1	84.1
IV 2500	23.5	73.9	78.2	81.5	83.9	84.7	85.2	85.4	85.5	85.6	85.6	85.6	85.8	85.8	85.9	85.9	85.9
IV 2000	23.6	74.6	79.0	82.3	84.8	85.6	86.5	86.7	86.8	86.9	86.9	86.9	87.1	87.1	87.2	87.2	87.2
IV 1800	23.6	74.6	79.2	82.5	84.9	85.9	86.8	87.1	87.2	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5
IV 1500	23.6	75.1	80.2	83.7	86.4	87.5	88.7	89.0	89.1	89.2	89.2	89.2	89.4	89.4	89.5	89.5	89.5
IV 1200	23.6	75.4	81.9	85.6	88.5	89.6	90.9	91.3	91.4	91.5	91.5	91.5	91.7	91.7	91.8	91.8	91.8
IV 1000	23.6	76.9	82.5	86.5	89.6	90.9	92.2	92.6	92.8	92.9	92.9	92.9	93.1	93.1	93.2	93.2	93.2
IV 900	23.6	77.1	82.7	86.9	90.2	91.5	92.9	93.4	93.5	93.6	93.6	93.6	94.0	94.0	94.1	94.1	94.1
IV 800	23.6	77.3	82.9	87.2	91.1	92.4	93.9	94.3	94.5	94.7	94.9	94.9	95.0	95.0	95.1	95.1	95.1
IV 700	23.6	77.4	83.1	87.4	91.5	92.9	94.4	94.9	95.0	95.2	95.4	95.4	95.5	95.5	95.6	95.6	95.6
IV 600	23.6	77.4	83.1	87.4	91.9	93.3	94.9	95.6	95.8	96.1	96.2	96.2	96.4	96.4	96.5	96.5	96.5
IV 500	23.6	77.4	83.1	87.4	92.2	93.9	95.6	96.5	96.7	97.1	97.3	97.3	97.5	97.5	97.6	97.6	97.6
IV 400	23.6	77.4	83.1	87.4	92.2	93.9	95.7	96.6	96.8	97.4	97.8	97.8	98.0	98.0	98.2	98.2	98.2
IV 300	23.6	77.4	83.1	87.4	92.2	94.1	95.8	96.6	97.1	97.8	98.4	98.4	98.8	98.8	99.1	99.2	99.2
IV 200	23.6	77.6	83.1	87.4	92.2	94.1	95.8	96.6	97.2	97.9	98.5	98.5	98.9	98.9	99.4	99.5	99.5
IV 100	23.6	77.4	83.1	87.4	92.2	94.1	95.8	96.6	97.2	97.9	98.5	98.5	99.1	99.1	99.7	99.8	99.8
IV 0	23.6	77.4	83.1	87.4	92.2	94.1	95.8	96.6	97.2	97.9	98.5	98.5	99.1	99.1	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1301

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93725
 STATION

FORT BELVOIR V4/DAVISON AAF
 STATION NAME

97-70
 YEARS

CT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.2	57.8	58.8	59.5	59.0	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	7.3	52.9	44.0	64.9	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
≥ 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	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 12000	7.7	64.9	65.2	67.1	67.2	67.2	67.3	67.3	67.3	67.4	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
≥ 9000	28.0	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	28.4	71.7	73.0	74.2	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	28.6	72.8	74.2	75.3	75.9	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 6000	28.7	73.0	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
≥ 5000	29.1	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	29.6	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
≥ 4000	30.3	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	31.3	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
≥ 3000	31.6	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	31.7	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
≥ 2000	31.8	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	31.8	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
≥ 1500	31.9	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	31.9	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
≥ 1000	31.9	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	31.9	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
≥ 800	31.9	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	31.9	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
≥ 600	31.9	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	31.9	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
≥ 400	31.9	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	31.9	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
≥ 200	31.9	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	31.9	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
≥ 0	31.9	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 MATER SERVICE/MAC

CEILING VERSUS VISIBILITY

93726
 STATION

PORT HELVETIA VR/DAVIS/DI AGF
 STATION NAME

57-70
 YEARS

1
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 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	64.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
14000	9.9	65.7	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
12000	10.3	67.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
10000	10.6	71.0	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
9000	11.1	71.9	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
8000	11.6	74.8	76.0	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
7000	12.0	76.3	77.0	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
6000	12.4	77.3	78.7	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
5000	12.9	80.4	82.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
4500	13.2	82.3	83.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
4000	14.3	86.2	87.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
3500	14.6	87.3	89.1	90.2	90.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
3000	14.9	89.3	91.2	92.2	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
2500	14.9	90.0	92.1	93.2	93.3	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
2000	14.9	90.5	92.6	93.3	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
1800	14.9	90.5	92.7	93.9	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1500	14.9	90.6	92.8	94.1	94.6	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
1200	14.9	90.9	93.2	94.6	95.3	95.5	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3
1000	14.9	91.3	93.6	93.3	96.2	96.3	96.9	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
900	14.9	91.4	93.7	95.6	96.7	97.1	97.7	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2
800	14.9	91.6	93.9	95.8	96.9	97.2	97.9	98.1	98.1	98.3	98.5	98.4	98.5	98.5	98.5	98.5
700	14.9	91.6	93.9	96.1	97.3	97.7	98.4	98.5	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0
600	14.9	91.6	94.0	96.2	97.5	97.9	98.6	98.8	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.5
500	14.9	91.6	94.2	96.4	97.8	98.2	98.8	99.0	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7
400	14.9	91.6	94.2	96.5	97.8	98.2	98.9	99.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8
300	14.9	91.6	94.2	96.5	97.8	98.4	99.1	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
200	14.9	91.6	94.2	96.5	97.8	98.4	99.1	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
100	14.9	91.6	94.2	96.5	97.8	98.4	99.1	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
0	14.9	91.6	94.2	96.5	97.8	98.4	99.1	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94725
 STATION

F1Y 261 VUHQ VA/DAVISON AAF
 STATION NAME

27-70
 YEARS

1-17
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-70-21108
 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	63.0	59.8	52.9	53.8	64.0	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 18000	63.7	64.4	67.7	68.3	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 16000	63.7	64.4	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
IV 14000	63.7	64.8	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
IV 12000	63.8	66.1	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
IV 10000	64.3	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
IV 9000	64.3	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
IV 8000	64.6	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
IV 7000	65.1	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
IV 6000	65.3	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
IV 5000	65.6	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
IV 4500	66.6	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
IV 4000	66.4	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
IV 3500	66.4	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
IV 3000	66.4	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
IV 2500	66.4	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
IV 2000	66.6	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
IV 1800	66.6	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
IV 1500	66.7	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
IV 1200	66.7	87.6	92.9	94.6	95.6	96.4	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
IV 1000	66.7	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
IV 900	66.7	87.7	93.1	95.2	96.5	97.5	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	66.7	87.7	93.1	95.2	96.5	97.5	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	66.7	87.7	93.1	95.4	96.7	97.8	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	66.7	88.2	93.6	96.0	97.3	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	66.7	88.2	93.7	96.1	97.4	98.5	98.8	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	66.7	88.2	93.7	96.1	97.4	98.5	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	66.7	88.2	93.7	96.2	97.5	98.6	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	66.7	88.2	93.7	96.2	97.5	98.6	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	66.7	88.2	93.7	96.2	97.5	98.6	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	66.7	88.2	93.7	96.2	97.5	98.6	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 1307

DATA PROCESSING DIVISION
 USAF ETAC
 AIR EAT BR SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: PORT BELVOIR VE/NAVY/COM AAF YEARS: 7071 MONTH: 01

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

210000 2300
 HOURS (EST)

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	68.7	69.8	69.6	65.9	66.7	66.9	67.4	67.3	67.8	67.9	68.1	68.1	68.1	68.3	68.3	68.3
≥ 20000	64.1	62.1	67.1	68.4	69.3	69.4	70.0	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8
IVV 18000	67.1	62.1	67.1	68.4	69.3	69.4	70.0	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8
IVV 16000	69.1	62.1	67.1	68.4	69.3	69.4	70.0	70.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8
IVV 14000	69.1	62.6	67.7	69.0	69.3	70.0	70.5	70.9	70.9	71.0	71.2	71.2	71.2	71.4	71.4	71.4
IVV 12000	69.3	63.6	68.7	70.1	71.0	71.2	71.7	72.1	72.1	72.6	72.4	72.4	72.4	72.6	72.6	72.6
IVV 10000	69.5	67.2	72.8	74.3	75.4	75.7	76.2	76.6	76.6	76.7	76.9	76.9	76.9	77.0	77.0	77.0
IVV 9000	69.6	67.7	73.3	74.9	76.0	76.3	76.8	77.1	77.2	77.3	77.3	77.3	77.5	77.6	77.6	77.6
IVV 8000	69.8	70.1	75.9	77.5	78.6	78.9	79.4	79.5	79.8	79.9	80.1	80.1	80.1	80.3	80.3	80.3
IVV 7000	70.3	72.7	78.5	80.1	81.2	81.5	82.2	82.5	82.5	82.6	82.8	82.8	82.8	83.0	83.0	83.0
IVV 6000	70.3	74.0	79.9	81.5	82.9	83.1	83.7	84.1	84.1	84.2	84.4	84.4	84.4	84.6	84.6	84.6
IVV 5000	70.3	76.8	82.5	84.7	86.0	86.3	86.9	87.3	87.3	87.3	87.6	87.6	87.6	87.7	87.8	87.8
IVV 4500	70.4	77.4	83.4	85.3	86.6	86.9	87.5	87.9	87.9	87.9	88.2	88.2	88.2	88.3	88.4	88.4
IVV 4000	70.5	79.4	85.4	87.4	88.7	89.0	89.6	90.0	90.0	90.1	90.3	90.3	90.3	90.5	90.6	90.6
IVV 3500	70.5	80.4	86.4	88.5	89.8	90.1	90.7	91.1	91.1	91.2	91.4	91.4	91.4	91.6	91.6	91.6
IVV 3000	70.5	80.6	86.9	89.3	90.6	90.9	91.6	91.9	91.9	92.0	92.2	92.2	92.2	92.4	92.5	92.5
IVV 2500	70.5	81.6	87.9	90.2	91.5	91.9	92.5	92.9	92.9	92.9	93.2	93.2	93.2	93.3	93.4	93.4
IVV 2000	70.5	82.1	88.9	91.5	92.8	93.1	93.7	94.1	94.1	94.2	94.4	94.4	94.4	94.5	94.6	94.6
IVV 1800	70.6	82.2	89.1	91.6	92.9	93.2	93.9	94.3	94.3	94.4	94.6	94.6	94.6	94.8	94.9	94.9
IVV 1500	70.6	82.3	89.5	92.0	93.4	93.7	94.3	94.7	94.9	94.9	94.9	95.2	95.2	95.2	95.4	95.4
IVV 1200	70.6	82.6	89.9	92.5	93.9	94.3	95.0	95.5	95.5	95.6	95.9	95.9	95.9	96.0	96.1	96.1
IVV 1000	70.6	82.6	90.0	92.8	94.2	94.8	95.5	96.1	96.1	96.2	96.4	96.4	96.4	96.5	96.6	96.6
IVV 900	70.6	82.7	90.1	92.9	94.3	94.9	95.6	96.2	96.2	96.2	96.5	96.5	96.5	96.6	96.7	96.7
IVV 800	70.6	82.7	90.2	93.1	94.5	95.1	95.9	96.4	96.4	96.5	96.7	96.7	96.7	96.9	96.9	96.9
IVV 700	70.6	82.9	90.5	93.4	95.2	95.9	96.6	97.2	97.2	97.2	97.5	97.5	97.5	97.6	97.7	97.7
IVV 600	70.6	83.3	90.6	93.7	95.6	96.4	97.2	97.8	97.8	97.8	98.1	98.2	98.2	98.4	98.5	98.5
IVV 500	70.6	83.4	90.9	93.9	95.8	96.5	97.4	97.9	97.9	98.2	98.4	98.4	98.4	98.5	98.6	98.6
IVV 400	70.6	83.5	91.1	94.1	96.0	96.8	97.6	98.2	98.2	98.5	98.7	98.7	98.7	98.8	98.9	98.9
IVV 300	70.6	83.5	91.1	94.1	96.0	96.8	97.6	98.2	98.4	98.6	98.9	98.9	98.9	99.0	99.1	99.1
IVV 200	70.6	83.5	91.1	94.1	96.0	96.8	97.6	98.2	98.4	98.6	98.9	98.9	98.9	99.0	99.1	99.1
IVV 100	70.6	83.5	91.1	94.1	96.0	96.8	97.6	98.2	98.4	98.6	98.9	98.9	98.9	99.0	99.1	99.1
IVV 0	70.6	83.5	91.1	94.1	96.0	96.6	97.6	98.2	98.4	98.6	98.9	98.9	98.9	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 1332

DATA PROCESSING DIVISION
 USAF ETAC
 AIR EAF 10-18-VICF/MAC

CEILING VERSUS VISIBILITY

STATION: PORT GILMER VAF, JAVISCH AAF YEARS: 67-70 CIV: 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 ≥ 20000	14.8	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	57.2	57.3	57.4
IV 18000 16000	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	62.3	62.4
IV 14000 12000	15.3	55.8	60.3	61.6	61.8	61.9	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.7	62.9	62.9	63.0
IV 10000 9000	16.6	61.5	66.4	67.9	68.3	68.3	68.7	68.7	68.9	68.9	69.1	69.1	69.1	69.3	69.4	69.6	69.7
IV 8000 7000	17.0	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	74.2
IV 6000 5000	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	79.6
IV 4500 4000	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	82.5	82.5
IV 3500 3000	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	85.0
IV 2500 2000	17.5	76.7	83.6	85.7	86.7	87.0	87.5	87.5	87.8	87.9	88.0	88.0	88.2	88.3	88.5	88.6	88.6
IV 1800 1500	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	91.3
IV 1200 1000	17.5	79.5	87.2	89.5	90.6	91.0	91.7	92.0	92.2	92.5	92.6	92.6	92.8	92.9	93.1	93.2	93.2
IV 900 800	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	94.0
IV 700 600	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	95.1
IV 500 400	17.5	80.6	88.6	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	95.6
IV 300 200	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	97.1
IV 100 0	17.5	81.0	89.4	92.0	94.0	94.8	95.9	96.7	97.1	97.6	97.9	97.9	98.1	98.3	98.5	98.6	98.6
IV 0	17.5	81.0	89.4	92.0	94.0	94.8	95.9	96.9	97.3	98.0	98.4	98.4	98.6	98.8	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 1200

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93726
 STATION

FORT BELVOIR VA/DAVIS/D 44F
 STATION NAME

07-70
 YEARS

109
 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	≥ 3/16	≥ ¼	≥ 0
NO CEILING	13.0	49.4	53.5	55.7	56.4	56.7	57.1	57.1	57.1	57.3	57.5	57.5	57.5	57.5	57.4	57.9
≥ 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
IV 18000	13.7	52.8	57.2	59.4	60.1	60.3	60.7	60.9	60.9	61.3	61.2	61.3	61.3	61.3	61.3	61.6
IV 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	61.4	61.7
IV 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
IV 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	64.4	64.4	64.4	64.7
IV 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
IV 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
IV 8000	14.9	62.0	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
IV 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	74.4	74.4	74.4	74.7
IV 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	76.7	76.7	76.7	77.0
IV 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
IV 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
IV 4000	15.7	71.0	77.1	79.9	80.7	81.2	81.6	82.0	82.1	82.2	82.5	82.5	82.5	82.5	82.6	82.9
IV 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
IV 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
IV 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
IV 2000	15.8	76.1	82.6	85.9	86.9	87.4	88.1	88.3	88.4	88.7	89.0	89.0	89.1	89.1	89.2	89.4
IV 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
IV 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
IV 1200	15.8	77.4	84.4	87.8	88.9	89.5	90.3	90.6	90.6	90.9	91.3	91.3	91.3	91.3	91.4	91.7
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

STATION 03700 PORT HAVEN VAV/AVIS. MAC YEARS 67-70 MONTH IV

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	≥ 5/16	≥ 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
IV 18000	12.0	45.4	47.2	52.5	54.3	55.0	55.4	56.0	56.0	56.1	56.5	56.5	56.7	56.8	56.8	57.2
IV 16000	12.0	45.4	47.2	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
IV 14000	12.1	46.0	47.8	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
IV 12000	12.6	47.9	47.0	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
IV 10000	13.0	51.0	55.3	59.0	61.0	61.7	62.1	62.8	62.8	63.1	63.3	63.1	63.5	63.6	63.6	64.0
IV 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	65.1	65.2	65.2	65.6
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 1200	15.2	70.1	76.0	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
IV 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
IV 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
IV 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
IV 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	93.2	93.7
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	98.0	98.5
IV 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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93725 STATION FLIGHT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY - STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ ⅓	≥ ⅓	≥ 0
NO CEILING ≥ 20000	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
VM 18000 16000	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
VM 14000 12000	16.8	51.4	54.9	58.0	59.4	59.7	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.1	60.1
VM 10000 9000	17.7	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
VM 8000 7000	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
VM 6000 5000	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
VM 4500 4000	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
VM 3500 3000	18.7	65.1	68.6	72.9	74.4	74.7	74.7	74.9	74.9	75.0	75.1	75.1	75.1	75.2	75.2
VM 2500 2000	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
VM 1800 1500	19.3	68.1	71.8	76.3	78.1	78.4	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.8	78.8
VM 1200 1000	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
VM 900 800	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
VM 700 600	20.0	71.0	74.8	79.5	81.4	82.0	82.2	82.4	82.4	82.5	82.5	82.5	82.6	82.7	82.7
VM 500 400	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
VM 300 200	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
VM 100 0	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
	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
	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
	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
	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
	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
	20.2	76.3	81.0	87.2	90.4	91.6	92.5	93.2	93.3	93.6	93.6	93.6	93.6	93.7	93.7
	20.2	75.3	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
	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
	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
	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
	20.2	76.4	81.3	87.8	92.0	93.8	95.9	97.3	97.6	98.4	98.9	98.9	99.0	99.1	99.1
	20.2	76.4	81.3	87.8	92.0	93.8	95.9	97.3	97.8	98.5	99.0	99.0	99.1	99.2	99.2
	20.2	76.4	81.3	87.8	92.0	93.8	95.9	97.4	97.9	98.6	99.0	99.0	99.3	99.4	99.4
	20.2	75.4	81.3	87.8	92.0	93.8	95.7	97.4	97.9	98.6	99.0	99.0	99.3	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1259

DATA PROCESSING DIVISION
 USAF ETAC
 AIR MATR SERVICE/TAC

CEILING VERSUS VISIBILITY

91775
STATION

PORT FLY AIR VADVISOR 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 ≥ 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	33.4	36.7	38.5	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
16000	34.4	36.9	38.7	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
14000	24.0	38.2	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	24.5	61.1	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
10000	25.0	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	25.2	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	25.6	69.3	71.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
7000	25.5	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	26.0	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	26.7	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	26.8	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	27.1	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	27.5	79.0	82.4	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	27.5	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	27.5	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	27.5	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	27.5	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	27.5	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	27.5	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	27.5	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	27.6	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	27.6	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	27.6	85.7	89.6	92.1	94.4	94.9	95.5	96.3	96.2	96.3	96.5	96.5	96.5	96.6	96.6	96.6
600	27.6	85.7	89.6	92.1	94.8	95.2	95.9	96.4	96.7	97.1	97.2	97.2	97.3	97.3	97.3	97.3
500	27.6	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	27.6	85.9	89.8	92.5	95.1	95.8	96.8	97.9	98.2	98.7	99.2	99.2	99.4	99.4	99.4	99.4
300	27.6	85.9	89.8	92.5	95.1	95.8	97.0	98.1	98.3	99.0	99.5	99.5	99.8	99.9	99.9	99.9
200	27.6	85.9	89.8	92.5	95.1	95.8	97.0	98.1	98.3	99.0	99.5	99.5	99.8	99.9	99.9	99.9
100	27.6	85.9	89.8	92.5	95.1	95.8	97.0	98.1	98.3	99.0	99.5	99.5	99.8	99.9	99.9	99.9
0	27.6	85.9	89.8	92.5	95.1	95.8	97.0	98.1	98.3	99.0	99.5	99.5	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93722 FLGT CEILING VA/HAVIS/AF 27-70

STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1700
 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	47.0	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
IVN 18000 16000	59.7	59.0	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IVN 14000 12000	60.0	60.6	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IVN 10000 9000	67.8	67.5	68.9	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IVN 8000 7000	70.0	71.4	73.4	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IVN 6000 5000	73.0	74.4	76.7	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IVN 4500 4000	79.0	77.3	79.8	80.5	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IVN 3500 3000	80.2	82.0	83.1	83.9	84.3	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IVN 2500 2000	80.2	84.3	87.5	88.4	88.9	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IVN 1800 1500	80.2	85.3	88.7	89.8	90.5	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IVN 1200 1000	80.4	86.3	90.2	91.4	92.1	92.7	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IVN 900 800	80.4	86.8	91.0	92.9	94.2	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IVN 700 600	80.4	87.0	91.3	93.3	94.6	95.4	96.4	96.7	96.8	97.0	97.2	97.4	97.4	97.4	97.4	97.4
IVN 500 400	80.4	87.0	91.3	93.3	94.7	95.7	96.9	97.2	97.4	97.6	97.8	98.0	98.0	98.0	98.0	98.0
IVN 300 200	80.4	87.0	91.3	93.3	94.7	95.7	97.0	97.3	97.5	97.6	97.8	98.0	98.1	98.4	98.4	98.4
IVN 100 0	80.4	87.0	91.3	93.3	94.7	95.7	97.0	97.3	97.5	97.6	97.8	98.0	98.1	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
 USAF ETAC
 AIR EAT PC INVOICE/MAC

CEILING VERSUS VISIBILITY

947 STATION POINT BELLEVUE V/DAVISON AAF STATION NAME 7-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1,000 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	19.4	33.2	54.3	54.4	54.6	54.8	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2
≥ 20000	20.5	40.3	61.8	62.2	62.4	62.5	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	63.0	63.0
IV 18000	20.4	40.6	62.1	62.5	62.6	62.8	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.3	63.3
IV 16000	20.5	40.8	62.1	62.5	62.6	62.8	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.3	63.3
IV 14000	20.9	41.4	63.0	63.4	63.6	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.2	64.2	64.2
IV 12000	21.3	43.9	63.8	66.3	66.4	66.6	66.7	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.1	67.1	67.1
IV 10000	21.8	48.3	70.5	71.0	71.1	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
IV 9000	21.9	48.7	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 8000	21.9	48.7	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 7000	22.1	49.0	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 6000	22.3	49.4	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 5000	22.7	49.8	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 4500	22.7	49.8	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 4000	22.9	50.0	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 3500	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 3000	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 2500	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 2000	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 1800	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 1500	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 1200	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 1000	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 900	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 800	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 700	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 600	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 500	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 400	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 300	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 200	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 100	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 0	23.1	50.3	70.8	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1

TOTAL NUMBER OF OBSERVATIONS 1260

DATA PROCESSING DIVISION
 USAF ETAC
 AIR BEATING SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 337.0 FLDG FLIGHT VA/OAVIS, AAF '7-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21.0.1-22.00
 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	10.5	34.9	57.4	75.7	82.4	84.4	85.5	86.5	87.5	88.5	89.5	90.5	91.5	92.5	93.5	94.5
≥ 20000	16.9	49.5	62.4	63.0	63.3	63.5	63.7	63.9	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8
IV 18000	10.9	19.8	62.6	63.3	63.7	63.7	63.7	63.9	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.4
IV 16000	10.9	19.8	62.7	63.3	63.8	63.8	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4
IV 14000	17.1	60.6	63.7	64.3	64.8	64.9	64.9	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.4
IV 12000	17.0	62.9	66.1	65.8	67.2	67.1	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9
IV 10000	13.7	46.3	69.7	70.5	71.0	71.0	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.6
IV 9000	13.7	46.6	70.1	70.9	71.3	71.3	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	72.0
IV 8000	8.7	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	75.3
IV 7000	13.9	71.3	73.3	75.2	75.7	75.7	75.9	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.4
IV 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	79.9	79.9	80.0
IV 5000	19.0	75.9	80.2	81.3	81.7	81.7	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5
IV 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	83.4	83.4	83.5
IV 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	85.6	85.6	85.6
IV 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	87.5	87.5	87.5
IV 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	89.1
IV 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	90.3
IV 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	92.0	92.0	92.1
IV 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	92.2	92.2	92.3
IV 1500	19.4	83.1	88.7	90.8	91.8	91.9	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9
IV 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	94.5	94.5	94.6
IV 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	95.1	95.1	95.2
IV 900	19.4	83.7	89.8	92.5	93.7	93.8	94.5	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3
IV 800	19.4	83.8	89.9	92.7	93.9	94.0	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.6
IV 700	19.4	84.0	90.5	93.3	94.7	94.8	95.8	96.3	96.3	96.4	96.4	96.4	96.4	96.6	96.6	96.7
IV 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	96.7	96.7	96.8
IV 500	19.4	84.1	90.6	93.7	95.2	95.3	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.4
IV 400	19.4	84.1	90.6	93.8	95.4	95.6	97.0	97.5	97.6	97.6	97.6	97.6	97.6	98.0	98.2	98.3
IV 300	19.4	84.1	90.8	93.8	95.4	95.6	97.1	97.8	97.9	98.0	98.0	98.0	98.0	98.6	98.6	98.7
IV 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	98.7	98.7	98.8
IV 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	98.7	98.7	98.8
IV 0	19.4	84.1	90.8	93.8	95.6	95.6	97.2	97.9	98.1	98.3	98.3	98.3	98.3	99.1	99.1	99.7

TOTAL NUMBER OF OBSERVATIONS 1200

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 01775 617 MELBY DR VA/DAVISON AAF YEARS 57-70 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	54.4
≥ 20000	4.4	55.1	57.5	57.0	57.1	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 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	59.8	59.9
≥ 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	59.8	59.9
≥ 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	61.1
≥ 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	66.2
≥ 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	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.4
≥ 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	73.7
≥ 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	75.7	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	80.5
≥ 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	81.2	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	83.3	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	83.9
≥ 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	85.6	85.8
≥ 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	86.1	86.2	86.2	86.4
≥ 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	87.6	87.7	87.9
≥ 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	87.8	87.9	87.9	88.1
≥ 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	89.4
≥ 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	89.6	89.8
≥ 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	90.2
≥ 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	90.4
≥ 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	90.4	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	91.2	91.4	91.5	91.6
≥ 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	92.5	92.7	92.6	92.9
≥ 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	93.3	93.7	94.1	94.2
≥ 400	17.7	79.7	84.3	88.2	90.2	90.9	92.5	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	96.0	96.2	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	95.5	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: 93728 FORT BELLEVILLE VV/ VISIBILITY AFB YEARS: 27-70 MONTH: 1-5

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1306-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 1/8	≥ 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
IV 20000	3.6	44.8	47.3	48.3	49.4	49.5	49.5	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 18000	13.6	54.8	57.3	58.8	59.4	59.5	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 16000	13.6	54.8	57.3	58.8	59.4	59.5	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 14000	13.7	55.8	58.4	60.0	60.5	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 12000	14.1	57.5	60.3	61.8	62.4	62.5	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7
IV 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
IV 9000	14.6	60.8	64.3	65.7	66.3	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 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
IV 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
IV 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
IV 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
IV 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
IV 4000	16.4	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
IV 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
IV 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
IV 2500	16.7	76.0	80.4	82.8	83.8	84.0	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 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
IV 1800	16.7	76.4	81.1	83.5	84.8	85.0	85.5	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 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
IV 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
IV 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
IV 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
IV 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	89.7	89.7	89.7	89.7
IV 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	90.8	90.8	90.8	90.8
IV 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	91.6	91.6	91.6	91.6
IV 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	92.9	92.9	92.9	92.9
IV 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	94.2	94.2	94.3	94.3
IV 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	95.0	95.0	95.0	95.0
IV 200	16.7	78.2	83.9	87.0	88.9	89.8	92.9	94.1	94.2	95.1	95.8	95.9	97.0	97.4	97.4	97.4
IV 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	97.2	97.7	97.7	97.7
IV 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	97.5	98.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

3

DATA PROCESSING DIVISION
 USAF ETAC
 AIR EATING SERVICE/MAC

CEILING VERSUS VISIBILITY

9372
STATION

STATION NAME
 STATION: FLYING VA/DAVISON AAF

YEARS
 57-70

MONTH
 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4200-0500
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	50.0	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
IVV 18000	13.9	48.9	52.0	54.8	55.8	55.1	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9
IVV 16000	13.9	48.9	52.0	54.8	55.8	55.1	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9
IVV 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	57.5	57.6	57.6	57.6
IVV 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	59.4	59.6	59.6	59.6
IVV 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
IVV 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
IVV 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
IVV 7000	15.3	60.8	64.6	68.7	69.7	70.2	70.6	71.0	71.0	71.0	71.1	71.1	71.2	71.4	71.4	71.4
IVV 6000	15.5	62.4	66.4	70.7	71.9	72.4	72.8	73.2	73.2	73.2	73.2	73.4	73.4	73.6	73.6	73.6
IVV 5000	16.5	67.1	71.4	76.1	77.4	78.2	78.6	79.0	79.0	79.0	79.2	79.3	79.3	79.4	79.4	79.5
IVV 4500	16.5	67.2	71.6	76.7	77.8	78.6	79.0	79.4	79.4	79.4	79.6	79.6	79.8	79.8	79.8	79.9
IVV 4000	16.8	68.6	73.2	79.0	79.5	80.3	80.7	81.1	81.1	81.1	81.3	81.3	81.5	81.5	81.5	81.6
IVV 3500	16.9	69.3	73.7	78.5	80.0	80.8	81.3	81.6	81.6	81.6	81.7	81.9	81.9	82.1	82.1	82.2
IVV 3000	17.0	69.9	74.4	79.5	81.3	82.1	82.6	82.9	82.9	82.9	83.1	83.2	83.2	83.4	83.4	83.5
IVV 2500	17.1	70.8	75.3	80.5	82.6	83.3	83.8	84.2	84.2	84.2	84.3	84.4	84.4	84.6	84.6	84.7
IVV 2000	17.1	71.3	75.8	81.2	83.4	84.3	84.7	85.0	85.2	85.3	85.4	85.4	85.6	85.6	85.6	85.7
IVV 1800	17.1	71.6	76.1	81.5	83.8	84.7	85.2	85.6	85.6	85.6	85.9	85.9	85.9	86.1	86.1	86.2
IVV 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
IVV 1200	17.1	71.9	76.4	82.0	84.3	85.5	86.1	86.6	86.6	86.6	86.9	87.0	87.0	87.3	87.3	87.3
IVV 1000	17.1	72.0	76.9	82.5	84.9	86.1	86.8	87.3	87.3	87.3	87.6	87.7	87.7	88.0	88.0	88.1
IVV 900	17.1	72.0	77.0	82.6	85.1	86.3	87.0	87.6	87.6	87.6	87.8	87.9	87.9	88.2	88.2	88.3
IVV 800	17.1	72.2	77.3	82.9	85.5	86.8	87.6	88.1	88.1	88.1	88.3	88.6	88.6	88.9	88.9	89.1
IVV 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
IVV 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
IVV 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
IVV 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
IVV 300	17.1	72.8	78.3	84.6	87.8	89.7	91.8	92.5	92.6	93.2	93.9	93.9	95.1	95.2	95.3	95.4
IVV 200	17.1	72.8	78.3	84.6	87.8	89.7	91.8	92.5	92.6	93.2	93.4	94.2	95.1	95.2	96.7	97.8
IVV 100	17.1	72.8	78.3	84.6	87.8	89.7	91.9	93.3	93.5	94.2	95.3	95.3	97.1	97.5	98.5	99.1
IVV 0	17.1	72.8	73.3	84.6	87.8	89.7	91.9	93.3	93.5	94.2	95.3	95.3	97.2	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
 USAF ETAC
 AIR TEST & SERVICE/AC

CEILING VERSUS VISIBILITY

STATION: 01700 STATION NAME: 01700 YEARS: 7-70 MONTH: 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.00-1100
 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	14.0	41.4	44.1	45.4	45.9	46.2	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	15.4	46.7	49.1	51.3	52.5	52.9	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 18000	15.4	46.9	49.1	52.0	52.7	53.1	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	49.1	52.0	52.7	53.1	53.3	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 14000	15.7	48.2	51.4	53.7	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	58.5	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	63.6	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	66.9	67.3	67.6	67.9	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 7000	17.3	61.6	64.1	67.3	67.8	68.1	68.4	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 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	74.3	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	75.5	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	77.9	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	68.2	73.5	77.2	78.2	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	83.2	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	87.7	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	88.3	90.2	91.9	92.8	94.6	95.8	95.8	96.9	97.8	97.9	98.0
≥ 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	99.2	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	99.3	99.7
≥ 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	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 1301

DATA PROCESSING DIVISION
USAF ETAC
AIR BEAT 4-1-1 VICE/PAC

CEILING VERSUS VISIBILITY

947 STATION FT. WILKINSON AFB 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	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	17.5	45.3	46.4	40.7	40.5	40.7	40.9	46.9	46.9	46.9	46.7	46.9	46.7	40.9	46.9	46.7	46.9
IV 18900	19.1	52.3	53.5	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	54.2
IV 16000	19.2	52.7	53.4	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 14000	19.5	54.0	55.2	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 12000	19.7	54.2	55.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 10000	19.7	53.8	55.7	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 9000	19.7	53.8	55.7	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 8000	19.9	56.4	59.1	70.8	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 7000	19.5	58.1	69.8	72.2	72.7	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 6000	21.6	59.5	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	74.8	74.8
IV 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	77.4	77.4
IV 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	77.8	77.8
IV 4000	22.5	74.7	77.1	79.5	80.1	80.5	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 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	81.8	81.8
IV 3000	22.7	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	83.1	83.1
IV 2500	22.9	77.4	79.8	82.4	83.2	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 2000	22.9	77.9	80.4	83.5	84.4	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 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	85.4	85.4
IV 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	86.5	86.5
IV 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	87.6	87.6
IV 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	88.8	88.8
IV 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	89.8	89.8	89.8	89.8
IV 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	90.7	90.7	90.7	90.7	90.7
IV 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	91.8	91.8	91.8	91.8
IV 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	93.5	93.5	93.5	93.5
IV 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	94.9	94.9	94.9	94.9
IV 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	96.8	96.8	96.8
IV 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	97.2	97.2	97.2	97.2
IV 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	97.4	97.4	97.4	97.4
IV 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	97.4	97.4	97.4	97.4	97.4
IV 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	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 1295

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

CEILING VERSUS VISIBILITY

STATION: 947 STATION NAME: WASHINGTON METRO AIRPORT STATION: AAS YEARS: 7-70 MONTH: 1-31-1960

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1301 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	47.3	53.3	53.3	53.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.9	50.9	50.9
IV 18000 16900	41.8	55.6	57.0	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6
IV 14000 12000	42.1	56.8	58.2	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	59.0	59.0	59.0	59.0
IV 10000 9000	43.1	64.7	66.6	67.4	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
IV 8000 7000	43.8	68.1	70.6	71.5	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
IV 6000 5000	44.0	71.4	73.9	75.2	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6
IV 4500 4000	44.3	75.2	77.9	79.2	80.4	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.9	80.9	80.9	80.9
IV 3500 3000	44.5	78.2	81.1	82.5	83.8	83.9	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
IV 2500 2000	44.9	79.2	82.5	84.0	85.5	85.9	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
IV 1800 1500	44.9	79.6	82.9	84.9	86.5	86.9	87.2	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5
IV 1200 1000	44.9	80.1	83.6	85.6	87.6	88.1	88.5	88.8	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2
IV 900 800	44.9	80.5	84.1	86.2	88.5	89.1	90.1	90.3	90.5	90.7	90.9	90.9	91.0	91.2	91.2	91.2
IV 700 600	44.9	80.6	84.2	86.3	88.9	89.8	91.2	92.0	92.1	92.5	92.9	92.9	92.9	93.1	93.2	93.2
IV 500 400	44.9	80.6	84.2	86.4	89.3	90.3	92.5	93.9	94.2	95.3	96.0	96.0	96.2	96.5	96.6	96.6
IV 300 200	44.9	80.6	84.2	86.4	89.3	90.3	92.6	94.2	94.7	95.9	97.0	97.0	97.5	98.1	98.2	98.4
IV 100 0	44.9	80.6	84.2	86.4	89.3	90.3	92.6	94.2	94.7	96.2	97.3	97.3	97.8	98.6	98.9	99.1

TOTAL NUMBER OF OBSERVATIONS 1301

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 91725 ELEY FIELD V4/DIVISION AAF STATION NAME: 7-70 YEARS: 1961 MONTH: 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1961-2006
 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	30.6	51.4	51.0	51.7	51.7	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.2	52.4
≥ 20000	14.1	25.1	26.5	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	35.1	38.5	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	18.3	35.1	40.5	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	36.2	37.5	57.8	57.8	57.8	57.8	57.9	57.9	57.9	58.0	58.1	58.1	58.1	58.2	58.4
≥ 12000	9.7	39.8	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	19.9	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	34.1	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	71.0	71.0	71.0	71.1	71.2	71.2	71.2	71.4	71.5
≥ 7000	20.6	38.5	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	73.5	76.1	77.3	77.7	78.3	78.6	78.7	78.9	79.0	79.0	79.0	79.0	79.0	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	82.8	83.5	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	89.4	89.5	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	90.2	90.4	90.3
≥ 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	91.6	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	92.9	93.0	93.4
≥ 600	21.3	80.3	83.9	85.8	88.0	89.3	90.9	92.6	92.6	92.6	93.2	93.2	93.2	93.2	93.4	93.8
≥ 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	94.7	94.9	95.1	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	96.5	96.6
≥ 300	21.3	80.4	84.0	85.9	88.6	90.6	92.6	94.3	94.7	95.8	96.7	96.7	96.9	97.7	97.8	97.8
≥ 200	21.3	80.4	84.0	85.9	88.6	90.6	92.6	94.3	94.8	95.7	97.1	97.1	97.5	97.8	98.3	98.6
≥ 100	21.3	80.4	84.0	85.9	88.6	90.6	92.6	94.3	94.8	95.7	97.2	97.2	97.8	98.2	98.6	99.1
≥ 0	21.3	80.4	84.0	85.9	88.6	90.6	92.6	94.3	94.8	95.7	97.2	97.2	97.9	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 1312

DATA PROCESSING DIVISION
 USAF ETAC
 AIR EATING SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: ST. LOUIS V. W. DAVIS AAF YEARS: 7-70

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2136-2300
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ 0.75	≥ 0.5	≥ 0.4	≥ 0.3	≥ 0.2	≥ 0
NO CEILING	55.8	51.4	54.2	53.2	54.1	54.1	54.1	54.1	54.1	54.2	54.3	54.4	54.3	54.3	54.3	54.6
≥ 20000	17.5	16.7	16.6	17.3	17.7	17.7	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	18.2
IV 18000	17.5	16.7	16.6	17.3	17.7	17.7	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	18.2
IV 16000	17.5	16.8	16.7	17.4	17.8	17.8	17.8	17.8	17.8	17.9	18.0	18.0	18.0	18.0	18.0	18.3
IV 14000	17.5	16.8	16.7	17.4	17.8	17.8	17.8	17.8	17.8	17.9	18.0	18.0	18.0	18.0	18.0	18.3
IV 12000	17.5	16.8	16.7	17.4	17.8	17.8	17.8	17.8	17.8	17.9	18.0	18.0	18.0	18.0	18.0	18.3
IV 10000	19.0	18.1	18.0	18.7	19.1	19.1	19.2	19.2	19.2	19.3	19.4	19.4	19.4	19.4	19.4	19.7
IV 9000	19.0	18.1	18.0	18.7	19.1	19.1	19.2	19.2	19.2	19.3	19.4	19.4	19.4	19.4	19.4	19.7
IV 8000	19.7	18.8	18.7	19.4	19.8	19.8	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.3
IV 7000	19.7	18.8	18.7	19.4	19.8	19.8	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.3
IV 6000	20.0	19.1	19.0	19.7	20.1	20.1	20.2	20.2	20.2	20.3	20.4	20.4	20.4	20.4	20.4	20.7
IV 5000	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 4500	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 4000	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 3500	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 3000	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 2500	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 2000	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 1800	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 1500	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 1200	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 1000	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 900	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 800	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 700	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 600	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 500	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 400	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 300	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 200	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 100	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4
IV 0	20.7	19.8	19.7	20.4	20.8	20.8	20.9	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.4

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

USAFETAC

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

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/HAC

SKY COVER

93728
 STATION

FORT BELVOIR VA/DAVISON AAF
 STATION NAME

57-70
 PERIOD

FEB
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	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	1183
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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93725 FORT BELVOIR VA/DAVISON AAF

57-70

MAR

STATIC

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	31.0	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	5.2	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	5.3	43.7	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	5.3	1301
TOTALS		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

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SKY COVER

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
PERIOD

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	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	4.0	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

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

93728
STATION

FORT BELVOIR VA/DAVISON AAF
STATION NAME

57-70
PERIOD

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	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

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	2.8	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	5.8	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	10492

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 (σ_x). 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:
- Dry-bulb temperature
 - Wet-bulb temperature
 - 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.
- Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - 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

DAILY TEMPERATURES

93728 STATION FORT BELVOIR VA/DAVISON AAF 57.70 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS) MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100						.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	54.1	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	87.6	93.9	98.6								100.0	92.2	97.8
25	94.0	98.0	100.0									98.8	99.3
20	97.3	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	3076

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 93728 FORT BELVOIR VA/DAVISON AAF

DAILY TEMPERATURES

57-70

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75						1.0	2.2	1.2	2.2				2.2
70						10.7	26.5	21.4	7.1	.5			5.6
65				.2	5.1	33.6	62.0	54.0	24.5	1.0	.2		15.4
60				3.4	19.2	56.2	85.7	78.3	40.0	6.2	1.9		24.6
55			.9	10.5	38.9	77.9	96.5	91.7	61.9	14.7	4.0	.5	33.5
50			2.5	23.2	62.0	92.9	100.0	99.3	81.4	32.3	9.8	1.2	42.5
45	.2	1.5	6.7	39.4	77.3	98.1		100.0	91.7	47.7	17.9	2.3	49.1
40	4.7	5.6	17.8	59.9	90.7	100.0			98.3	66.4	29.0	7.1	57.2
35	10.9	14.8	33.9	77.3	98.4				100.0	84.6	45.7	17.1	65.8
30	16.4	21.4	44.1	84.0	98.8					89.9	55.5	23.5	70.0
25	25.1	32.1	60.3	92.0	99.8					96.1	71.9	34.1	76.5
20	45.4	56.7	82.0	99.0	100.0					99.5	91.9	57.1	86.3
15	64.0	75.6	93.3	100.0						100.0	98.6	74.2	92.4
10	78.9	86.8	97.5								100.0	87.3	96.0
5	87.6	94.4	98.6									96.8	98.2
0	94.3	97.7	99.5									99.3	99.3
-5	97.3	100.0	99.8									99.8	99.7
-10	99.3		100.0									100.0	99.9
-15	100.0												100.0
MEAN	22.4	25.3	31.6	42.1	51.4	60.5	65.5	64.3	57.3	44.5	33.6	25.8	43.9
S D	10.473	9.333	8.643	9.113	8.396	7.106	5.221	6.027	8.584	9.430	9.400	9.423	17.354
TOTAL OBS	403	393	433	419	432	420	434	434	420	434	420	434	5076

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	50.7	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	5075

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93728 FORT BELVOIR VA/DAVISON AAF 57-70
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
57						99	100	97	93	74	71	62	
58	30	63	59	87	89	94	95	91	92	86	76	59	94
59	71	68	80	91	91	99	92	95	90	90	76	62	99
60	61	68	81	95	87	91	95	94	89	82	73	67	98
61	55	71	82	88	86	89	92	89	90	80	50	59	92
62	60	69	75	87	93	90	90	94	94	87	65	65	94
63	59	55	84	89	92	94	95	94	89	81	73	56	93
64	64	61	78	87	92	99	94	91	92	76	76	70	99
65	61	69	72	81	92	92	94	92	89	77	73	69	94
66	65	62	79	85	90	94	96	93	96	73	72	70	76
67	72	67	79	85	81	91	91	91	88	92	78	67	92
68	59	54	83	84	86	97	96	97	90	84	79	69	97
69	60	55	75	90	97	100	100	91	92	80	73	98	100
70	60	63	71	83	91	94	93	93	94	85	68	74	94
MEAN	51.3	63.5	76.0	88.9	89.0	94.5	94.5	93.1	91.3	82.5	73.8	64.0	85.5
S.D.	5.669	5.668	6.752	3.818	4.024	3.716	2.955	2.413	2.367	3.938	4.130	5.480	2.570
TOTAL OBS.	403	387	403	390	403	420	434	434	420	434	420	434	4962

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

937.8 STATION FORT BELVOIR VA/NAVISUB AAF STATION NAME 27-70 YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
57		61 20	72 30	96 29	93 29								MAX TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93778 STATION PORT BELVOIR VA/NAVISB AAF STATION NAME 57-70 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
57						23	22	21	20	19	18	17	2
58	5	4	23	22	34	47	59	53	42	31	17	2	2
59	-3	7	17	30	38	46	56	52	40	31	20	17	-3
60	14	10	-2	25	35	47	54	55	46	27	21	-1	-2
61	-10	4	17	24	35	47	53	54	39	29	23	11	-10
62	6	9	11	25	37	53	53	53	38	24	25	8	6
63	-1	3	21	29	32	48	52	50	35	31	24	?	-1
64	-3	13	20	23	43	43	53	43	41	27	16	17	-3
65	0	2	14	24	44	46	53	48	44	24	20	16	0
66	6	1	19	26	29	42	52	52	41	25	22	?	1
67	6	0	11	26	32	40	51	57	42	34	21	13	0
68	-1	3	19	28	36	52	58	50	45	24	23	?	-1
69	8	14	19	20	36	53	61	53	44	27	19	15	0
70	-5	12	14	29	32	51	55	56	42	37	16	15	-5
MEAN	1.8	6.3	16.0	26.2	36.0	47.7	54.6	52.2	41.0	28.9	20.2	10.6	-0.5
S.D.	6.508	4.804	6.494	2.968	4.340	4.250	2.980	3.401	3.234	3.872	3.068	2.626	4.550
TOTAL OBS	403	367	403	390	403	420	434	434	420	434	420	434	4302

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93728 FORT BELVOIR VA/DAVIS D AAF 57-70
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR 57		22 20	23 30	24 24	25 29								HIGH 1540 DAYS
MEAN													
S. D.													
TOTAL OBS													

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/GAVISON AAF

57-70

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
100/ 99																																	14	14		
98/ 97																																	42	42		
96/ 95																																	97	97		
94/ 93																																	263	263		
92/ 91																																	492	492		
90/ 89																																	1046	1046		
88/ 87																																	1435	1435		
86/ 85																																	1914	1914		
84/ 83																																	2111	2111	2	
82/ 81																																	2410	2410	31	1
80/ 79																																	2993	2993	294	13
78/ 77																																	3282	3282	1190	103
76/ 75																																	4073	4073	2307	598
74/ 73																																	4503	4503	3781	1826
72/ 71																																	4614	4614	4931	3482
70/ 69																																	4971	4971	5462	4583
68/ 67																																	4575	4575	5248	4925
66/ 65																																	4345	4345	5159	4677
64/ 63																																	3942	3942	5216	4439
62/ 61																																	3864	3864	4946	4552
60/ 59																																	4134	4134	4835	4497
58/ 57																																	3934	3934	4292	4280
56/ 55																																	3875	3875	4479	4407
54/ 53																																	3757	3757	4148	4213
52/ 51																																	3517	3518	3818	4083
50/ 49																																	3532	3537	3729	3740
48/ 47																																	3544	3547	3812	3412
46/ 45																																	3812	3812	3983	3475
44/ 43																																	3939	3939	4146	3341
42/ 41																																	3951	3951	4334	3593
40/ 39																																	4039	4039	4479	3511
38/ 37																																	3767	3767	4219	3652
36/ 35																																	3922	3922	4378	3856
34/ 33																																	3730	3730	4483	3844
Element (X)	Z _x ¹	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF 57-76 ALL MONTH ALL HOURS (L. S. T.)

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	b	Wet Bulb	Dew Point
32/ 31	.3	1.2	.7	.7	.1	.0												3503	3503	4439	3901
30/ 29	.2	1.1	.7	.5	.0													3044	3044	3902	3823
28/ 27	.2	.8	.7	.3	.0													2528	2528	3495	3812
26/ 25	.2	.8	.6	.3	.0													2117	2117	3020	3713
24/ 23	.1	.6	.4	.1														1480	1480	2406	3348
22/ 21	.1	.4	.3	.1														1162	1162	1881	3208
20/ 19	.1	.4	.3	.0														998	1014	1353	2835
18/ 17	.1	.3	.2															681	686	1071	2458
16/ 15	.1	.2	.1															533	544	742	2279
14/ 13	.1	.2	.1															417	422	563	1927
12/ 11	.1	.2	.0															320	321	428	1565
10/ 9	.1	.1	.0															225	226	320	1437
8/ 7	.0	.1	.0															145	152	199	1016
6/ 5	.0	.0																82	86	141	820
4/ 3	.0	.0																63	63	60	677
2/ 1	.0	.0																28	31	43	520
0/ -1	.0	.0																27	27	25	461
-2/ -3	.0	.0																14	14	20	324
-4/ -5	.0	.0																11	11	9	253
-6/ -7	.0	.0																9	9	10	174
-8/ -9	.0																	1	1	2	96
-10/-11	.0																	1	1	1	63
-12/-13																					22
-14/-15																					8
-16/-17																					8
-18/-19																					6
-20/-21																					2
TOTAL	6.7	27.6	18.5	14.0	9.8	7.3	5.6	4.1	3.0	1.8	.9	.4	.2	.1	.0			121828		121828	121829
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	628804989	8393665	68.9	20.560	121828	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	406589845	6651719	54.6	18.913	121892	4.9	272.5	2775.5	763.3	815.2	29.8	8760									
Wet Bulb	327834450	5978892	49.1	16.806	121828	5.2	759.2	661.3	543.5	3.0		8760									
Dew Point	273433189	5275795	43.3	19.211	121829	101.0	2811.2	1109.9	181.6	.2		8760									

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 STATION FORT BELVOIR VA/ AVISON AAF STATION NAME 58-70 YEARS JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
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				
60/ 59		.0	.1	.2	.2	.1	.1	.1	.1	.0								64	64	16				
58/ 57	.0	.1	.2	.2	.1	.1	.1	.1	.1	.0								70	70	14				
56/ 55	.1	.2	.2	.0	.1	.1	.1	.0										79	79	41				
54/ 53	.0	.2	.1	.1	.1	.2	.1	.1	.0									87	87	66				
52/ 51	.3	.2	.2	.1	.3	.2	.1	.1	.0									104	104	59				
50/ 49	.0	.2	.2	.3	.2	.3	.2	.2	.0									165	165	72				
48/ 47	.1	.5	.2	.4	.5	.5	.1											221	221	111				
46/ 45	.2	1.1	.5	.5	.6	.5	.1											334	334	152				
44/ 43	.4	1.2	.7	1.0	.9	.5	.0											451	451	279				
42/ 41	.7	.8	.8	1.1	.9	.3	.0											440	440	300				
40/ 39	.9	1.2	1.2	1.4	.9	.1												547	547	438				
38/ 37	.7	1.4	1.4	1.6	.7	.0												562	562	501				
36/ 35	.4	2.0	2.0	1.7	.6	.0												569	669	562				
34/ 33	.6	2.3	2.2	1.8	.5													726	736	732				
32/ 31	.5	2.7	2.0	2.3	.2													754	754	726				
30/ 29	.8	2.7	1.8	2.0	.1													711	711	604				
28/ 27	.7	2.2	2.6	1.2	.0													649	649	749				
26/ 25	.5	2.2	2.6	.5														565	565	730				
24/ 23	.3	2.1	2.0	.2														436	436	666				
22/ 21	.3	2.1	1.3	.2														408	408	639				
20/ 19	.4	2.1	1.0	.1														350	355	447				
18/ 17	.5	1.8	.9															289	292	361				
16/ 15	.4	1.4	.6															234	238	289				
14/ 13	.4	.9	.5															167	169	254				
12/ 11	.3	.9	.3															141	142	171				
10/ 9	.2	.8	.1															107	108	133				
8/ 7	.2	.6	.0															86	93	123				
6/ 5	.2	.6																40	43	74				
Element (X)	Z _X ¹	Z _X	X	e _X	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF 58-70 YEARS MONTH JAN

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21	22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3	.2	.2																		39	39	35	187
2/ 1	.1	.1																		17	20	27	149
0/ -1	.1	.1																		21	21	19	157
-2/ -3	.1	.0																		13	13	19	119
-4/ -5	.1	.0																		11	11	9	124
-6/ -7	.1	.0																		9	9	10	81
-8/ -9	.0																			1	1	2	59
-10/-11	.0																			1	1	1	47
-12/-13																							14
-14/-15																							5
-16/-17																							8
-18/-19																							6
-20/-21																							2
TOTAL	11.4	34.5	25.9	16.9	7.0	2.8	1.0	.4	.1												9672		9643
																					9643		9643
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	40274961	641357	66.5	19.371	9643	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	11018351	306803	31.7	11.533	9672	4.2	390.6	1.7				744											
Wet Bulb	9883637	274839	28.5	10.437	9643	4.6	485.1					744											
Dew Point	5855401	201637	20.9	13.038	9643	48.0	609.0					744											

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

23720 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS FEB 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
72/ 71						.0		.0	.0	.0							4	4		
70/ 69				.0		.0	.0	.0	.0								11	11		
68/ 67				.0	.1	.0	.0	.0	.0								17	17		
66/ 65			.0	.1	.0	.0	.0	.0	.0								20	20		
64/ 63			.0	.1	.0	.1	.0	.0	.0								23	23	2	
62/ 61	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0							41	41	11	2
60/ 59	.0	.1	.1	.1	.1	.1	.0	.1	.0	.0							65	65	22	7
58/ 57	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0							83	83	48	26
56/ 55	.1	.2	.1	.2	.2	.3	.2	.2	.2	.1							145	145	49	35
54/ 53	.0	.2	.2	.1	.2	.2	.2	.1	.0								139	139	66	41
52/ 51	.1	.4	.2	.1	.3	.3	.2	.1									165	165	91	51
50/ 49	.1	.5	.2	.3	.4	.3	.3	.1									212	212	109	73
48/ 47	.1	.6	.3	.5	.6	.5	.2	.0									244	244	114	101
46/ 45	.1	.8	.3	.6	.6	.5	.2	.0									343	343	187	95
44/ 43	.4	.9	.5	1.0	1.2	.8	.1										477	477	267	141
42/ 41	.7	.9	.8	1.2	1.2	.7	.1										533	533	355	184
40/ 39	.6	1.3	1.1	1.7	1.5	.4	.0										646	646	414	193
38/ 37	.9	1.9	1.4	2.1	1.1	.1	.0										718	718	629	257
36/ 35	.7	2.0	2.0	2.4	.9	.1											757	757	684	378
34/ 33	.8	2.2	2.1	1.9	.8	.0											767	767	794	382
32/ 31	.7	2.9	1.7	1.9	.4	.0											720	720	923	420
30/ 29	.2	2.8	2.4	1.7	.2												685	685	819	303
28/ 27	.6	2.2	2.1	1.4	.1												625	625	790	374
26/ 25	.3	2.6	1.9	1.1	.0												561	561	724	396
24/ 23	.2	1.7	1.4	.5													360	360	624	347
22/ 21	.2	1.1	1.0	.2													259	259	462	691
20/ 19	.3	1.2	.9	.1													230	230	345	612
18/ 17	.1	.7	.6														131	131	260	560
16/ 15	.2	.7	.5														130	130	183	430
14/ 13	.1	.8	.3														108	108	149	437
12/ 11	.1	.6	.1														82	82	122	346
10/ 9	.2	.3	.1														59	59	92	364
8/ 7	.1	.3															40	40	45	286
6/ 5	.1	.1															27	28	48	221
Element (X)	Σx^2	Σx		\bar{x}	s_x	No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.								≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

3

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/CAVISON AAF STATION NAME 57-70 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
4/ 3	.1	.1																16	16	18	185
2/ 1	.1	.1																8	8	11	202
0/ -1	.0																	1	1	1	153
-2/ -3																					148
-4/ -5																					95
-6/ -7																					68
-8/ -9																					34
-10/-11																					14
-12/-13																					7
-14/-15																					2
TOTAL	8.4	30.9	22.8	19.7	10.3	5.0	1.8	.8	.2	.1								9460	9461	9460	9461

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum	42308367	601835	63.6	20.820	9460							
Dry Bulb	12378690	326654	34.5	10.785	9461	.1	287.7	2.3				672
Wet Bulb	9748023	289545	30.6	9.677	9460	.1	299.1					672
Dew Point	6234157	209775	22.2	12.935	9461	37.0	532.4					672

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 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
84/ 83																					4	4		
82/ 81																					8	8		
80/ 79																					20	20		
78/ 77																					24	24		
76/ 75																					44	44		
74/ 73																					53	53		
72/ 71																					63	63		
70/ 69																					90	90		
68/ 67																					95	95	6	
66/ 65																					121	121	10	
64/ 63																					121	121	23	4
62/ 61																					158	158	72	11
60/ 59																					210	210	121	38
58/ 57																					247	247	121	40
56/ 55																					286	286	155	70
54/ 53																					329	329	194	117
52/ 51																					338	338	219	118
50/ 49																					453	453	249	121
48/ 47																					556	556	319	148
46/ 45																					686	686	489	187
44/ 43																					713	713	626	289
42/ 41																					799	799	781	411
40/ 39																					811	811	906	487
38/ 37																					771	771	912	517
36/ 35																					708	708	911	650
34/ 33																					696	696	957	709
32/ 31																					525	525	768	727
30/ 29																					423	423	698	647
28/ 27																					309	309	509	683
26/ 25																					252	252	466	637
24/ 23																					170	170	327	626
22/ 21																					122	122	201	598
20/ 19																					97	100	139	531
18/ 17																					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

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 2 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
16/ 15	.0	.2	.0															23	23	35	437														
14/ 13	.0	.1																14	14	26	373														
12/ 11	.1	.1																15	13	14	212														
10/ 9	.1	.0																10	10	16	183														
8/ 7		.0																3	3	3	120														
6/ 5	.0																	5	5	7	98														
4/ 3	.0																	3	3	3	68														
2/ 1																					36														
0/ -1																					29														
-2/ -3	.0																	1	1	1	15														
-4/ -5																					8														
-6/ -7																					3														
TOTAL	6.7	25.2	18.4	16.9	12.5	8.4	5.5	2.9	1.8	.8	.5	.2	.1	.0				10404	10407	10404	10404														
Element (X)	Zx ²	Zx	X	s _x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	45725861	651757	62.6	21.695	10404	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744																							
Dry Bulb	19986682	439182	42.2	11.816	10407	.1	143.2	28.7	10.9	1.8		744																							
Wet Bulb	15112411	384113	36.9	9.460	10404	.1	238.3	.4				744																							
Dew Point	9968294	298852	28.7	11.533	10404	3.9	463.9					744																							

USAFETAC FORM 0-26-5 (OL A) 101 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

APR
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																
96/95														.0																	2	2				
94/93														.0	.0																6	6				
92/91										.0			.0	.0	.1	.1														19	19					
90/89										.0	.0		.0	.0	.0	.0											.0			20	20					
88/87										.0	.0		.0	.0	.1	.0											.0			30	30					
86/85									.0	.0	.1	.1	.1	.1	.2	.2														55	55					
84/83							.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0										.0			81	81					
82/81				.0			.0	.1	.1	.1	.2	.1	.1	.1	.1	.0														95	95					
80/79				.0	.0		.1	.1	.1	.2	.2	.2	.1	.1	.0														120	120						
78/77			.0	.0	.0	.1	.1	.1	.2	.2	.2	.2	.2	.1															113	113	3					
76/75			.0	.0	.0	.1	.2	.2	.2	.2	.2	.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	.3	.2	.0	.0															218	218	26	3				
70/69	.0	.0	.1	.3	.4	.2	.3	.3	.4	.3	.2	.0																	251	251	49	15				
68/67		.1	.4	.5	.3	.4	.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	353	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	.1																								218	218	545	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)	Σx ²		Σx		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total																			
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EDPT BELVOIR VA/DAVISON AAF 57-70

STATION

STATION NAME

YEARS

APP

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
28/ 27	.1	.2	.1	.0														41	41	76	520				
26/ 25	.0	.3																30	30	54	446				
24/ 23		.1																9	9	23	313				
22/ 21	.0	.0																3	3	8	254				
20/ 19		.0																2	2	4	210				
18/ 17																					123				
16/ 15																					97				
14/ 13																					31				
12/ 11																					32				
10/ 9																					18				
8/ 7																					2				
6/ 5																					3				
TOTAL	4.8	20.9	14.7	12.4	11.6	10.4	7.6	6.1	4.3	2.8	2.0	1.1	.8	.3	.1		10076	10076	10076	10076					
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature											Total								
Rel. Hum.	63856827	622493	61.823	1.149	10076	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				720										
Dry Bulb	31262537	546999	54.312	2.473	10076		20.8	118.0	61.0	26.4	.6				720										
Wet Bulb	23319598	475072	47.119	2.558	10076		39.4	13.1	1.4						720										
Dew Point	17010390	396358	39.311	1.867	10076		222.7	2.9	.3						720										

USAF ETAC FORM 0-26-5 (OL A) 0-26-5 (OL A) REUSED 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 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
98/ 97														.0				3	3							
96/ 95													.0					2	2							
94/ 93											.0	.0						9	9							
92/ 91								.0	.0	.0	.1	.1						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	.2	.3	.2	.2	.2	.1	.1	.0				142	142							
84/ 83					.0	.1	.3	.3	.2	.2	.2	.1	.1	.0				178	178							
82/ 81				.0	.0	.2	.4	.3	.2	.3	.2	.2	.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	.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						534	534	182	26					
70/ 69		.8	.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	825	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	.0									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	.0										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 X		Σ X		No. Obs.		Mean No. of Hours with Temperature															
Ref. Num.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total			
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVLSON AAF

57-70

JUL
 MONTH

STATION

STATION NAME

YEARS

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						20	20						
96/ 95									.0	.1	.0	.0						24	24						
94/ 93							.0	.0	.2	.2	.1	.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	.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	.6	.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																9	9	19	75				
40/ 39		.0																1	1	2	50				
38/ 37																					18				
36/ 35																					10				
34/ 33																					1				
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature														
Ref. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93770 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS JUL 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																				8	8			
98/ 97												.0	.1	.0																			14	14			
96/ 95											.0	.1	.0	.0	.0																		35	35			
94/ 93											.0	.3	.2	.3	.1	.0																	94	94			
92/ 91											.2	.3	.4	.4	.2	.1																	164	164			
90/ 89								.0	.2	.8	.8	.8	.4	.1	.0																		325	325			
88/ 87					.0	.1	.6	.9	1.0	.8	.5	.3	.1	.0																			447	447			
86/ 85					.1	.6	.9	1.4	.9	.7	.4	.4	.1	.0																			578	578			
84/ 83			.0	.3	.8	1.5	.9	1.5	.9	.5	.5	.2	.1	.0																			594	594			
82/ 81		.0	.2	.9	1.4	1.0	1.0	.6	.6	.4	.2	.1	.0																				673	673	7		
80/ 79		.1	.8	1.6	1.5	1.3	.9	.6	.5	.3	.1	.0																					811	811	129	3	
78/ 77		.3	1.6	1.5	1.4	.8	.5	.5	.3	.1	.1																						746	746	399	51	
76/ 75	.0	2.0	2.7	1.5	1.4	.8	.4	.3	.2	.1	.0																						990	990	757	230	
74/ 73	.2	3.4	3.2	1.5	.9	.5	.2	.2	.0	.0																							1058	1058	1388	635	
72/ 71	.6	3.9	2.3	1.4	.7	.4	.2	.0	.1																								999	999	1575	1181	
70/ 69	.6	3.3	2.5	1.0	.5	.2	.2	.0	.0	.0																							858	858	1567	1535	
68/ 67	.3	2.7	2.1	.6	.2	.1	.0	.0	.0																								632	632	1247	1388	
66/ 65	.4	2.0	1.7	.4	.2	.1	.0	.0	.0																								500	500	1120	1247	
64/ 63	.2	1.4	1.0	.3	.2	.0	.0	.0																									318	318	758	1055	
62/ 61	.1	1.1	.5	.2	.0	.0	.0																										212	212	578	785	
60/ 59	.1	.9	.3	.1	.0	.0	.0																										156	156	377	631	
58/ 57	.0	.6	.2				.0																										92	92	214	538	
56/ 55	.0	.5	.1	.0																													67	67	130	385	
54/ 53	.0	.2	.1																														35	35	84	254	
52/ 51	.0	.1																															8	8	48	212	
50/ 49																																			15	121	
48/ 47																																				1	60
46/ 45																																					42
44/ 43																																					29
42/ 41																																					16
40/ 39																																					9
38/ 37																																					6
36/ 35																																					1
Element (X)	Σx ²		Σx		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 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EIGHT BELVOIR VA/DAVISON AAF 57-70 AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																				
98/ 97									.0	.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		.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																																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		
Element (X)	Zx ²	Zx	X	Sx	No. Obs.	Mean No. of Hours with Temperature																																				
Rel. Hum.	59819136	766058	73.6	8.141	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																														

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 STATION EORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
96/95							.0	.0									2	2		
94/93								.0	.0	.0	.0						11	11		
92/91								.1	.1	.1	.0	.0	.0				32	32		
90/89					.0	.0	.3	.4	.2	.2	.1	.0			.0		120	120		
88/87					.0	.3	.6	.3	.3	.2	.1	.0	.0				202	202		
86/85					.2	.6	.5	.4	.3	.2	.1	.0	.0				249	249		
84/83				.2	.4	.6	.4	.3	.3	.2	.1	.0					258	258	1	
82/81			.1	.4	.5	.4	.4	.3	.5	.3	.1	.0					311	311	2	
80/79		.0	.4	.6	.6	.4	.5	.4	.5	.3	.2	.0					397	397	11	2
78/77	.0	.2	.7	.9	.4	.6	.6	.4	.4	.3	.0	.0					470	470	177	7
76/75	.0	1.0	1.2	.7	.6	.7	.8	.6	.5	.1	.0	.0					626	626	360	76
74/73	.1	1.5	1.4	.6	.9	.8	.6	.5	.3	.1	.0						690	690	423	321
72/71	.2	1.9	1.1	.8	.9	.5	.5	.4	.2	.1							663	663	685	508
70/69	.7	2.5	1.1	1.6	.6	.7	.5	.3	.2	.0							841	841	724	720
68/67	.8	2.2	1.4	.8	.6	.6	.4	.2	.1	.0							726	726	780	702
66/65	.6	1.9	1.5	.9	.7	.5	.2	.2	.1								662	662	837	587
64/63	.6	1.6	1.3	.9	.5	.3	.2	.2	.0								552	552	901	645
62/61	.8	1.9	1.2	.8	.4	.3	.2	.1	.0								568	568	791	753
60/59	.7	2.4	1.1	.6	.4	.2	.1	.1									551	551	822	747
58/57	.6	2.0	1.3	.6	.3	.1	.0	.0									498	498	749	696
56/55	.7	2.2	1.0	.4	.2	.1	.0										460	460	691	794
54/53	.9	1.6	.6	.2	.0	.0	.0										351	351	601	725
52/51	.6	1.3	.9	.1	.0	.0											258	258	477	693
50/49	.5	.8	.3	.1	.0												173	173	324	541
48/47	.3	.7	.2	.1	.0												145	145	205	421
46/45	.2	.7	.1	.0													114	114	191	331
44/43	.2	.3	.2	.0													80	80	127	259
42/41	.1	.1	.0														28	28	56	184
40/39	.1	.1	.0														21	21	45	113
38/37	.0	.1															11	11	12	99
36/35	.0	.1															9	9	12	77
34/33																			5	38
32/31																				22
30/29																				10
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 04 9-26-5 (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/DAVISDH AAF 57-70 SEP
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
28/ 27																						4			
26/ 25																						1			
TOTAL	8.7	27.1	16.8	11.4	8.6	7.8	6.9	5.2	4.1	2.3	1.0	.2	.0	.0							10079	10079	10079		
																						10079	10079	10079	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature										Total									
Rel. Hum.	60249435	755201	74.9	9.066	10079	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				720										
Dry Bulb	47136478	680864	67.6	10.646	10079							399.9	240.6	99.4	.9	720									
Wet Bulb	39234671	623085	61.8	8.425	10079							231.0	74.6	.2		720									
Dew Point	35032336	586728	58.2	9.329	10079							2.6	166.9	29.0		720									

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

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 D.B. W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point	
92/ 91														.0						2	2		
90/ 89												.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	.1	.1	.0	.0	.0	.0	.0	.0					86	86		
78/ 77		.0	.1	.1	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0					135	135		
76/ 75		.1	.1	.1	.1	.2	.2	.2	.3	.2	.1	.0								166	166	16	2
74/ 73	.0	.2	.2	.2	.3	.4	.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	.1	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.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9372A STATION EIRT BELVUE VA/DAVISON AAF 57-70 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
80/ 79									.0																						4	4			
78/ 77								.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																			25	25				
72/ 71			.1	.1	.0	.1	.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	.4	.3	.1	.0																	260	260	77	43			
62/ 61	.1	.8	.6	.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						Total																		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF 57-70 NOV
 STATION STATION NAME YEARS MONTH
 PAGE 2 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
12/ 11																								86
10/ 9																								35
8/ 7																								29
6/ 5																								31
4/ 3																								22
2/ 1																								3
0/ -1																								1
-2/ -3																								1
-6/ -7																								1
TOTAL	7.6	30.9	17.6	15.5	12.4	8.1	4.4	2.0	1.0	.4	.0	.0								10079		10079	10079	
																					10079		10079	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	53032235	701529	69.6	20.423	10079							
Dry Bulb	22807104	465816	46.2	11.264	10079		91.6	23.1	4.4	.1		720
Wet Bulb	18475359	419697	41.6	9.956	10079		143.7	2.6				720
Dew Point	14254487	359131	35.6	12.028	10079	.2	297.5	.3				720

USAFETAC FORM 84 JUL 64 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 STATION FURT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73								.0	.0	.0								3	3					
70/ 69				.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								20	20	1				
64/ 63		.1	.0	.1	.0	.1	.0	.0	.0	.0								39	39	13				
62/ 61	.0	.2	.0	.1	.1	.0	.1	.0	.0	.0								58	58	23				
60/ 59	.0	.4	.0	.1	.1	.1	.1	.0	.0	.0								91	91	37				
58/ 57	.1	.3	.0	.1	.1	.2	.1	.1	.0	.0								114	114	69				
56/ 55	.1	.4	.0	.1	.2	.3	.1	.1	.0	.0								139	139	70				
54/ 53	.1	.3	.1	.2	.3	.2	.2	.0										155	157	81				
52/ 51	.1	.6	.2	.3	.3	.2	.1											194	195	83				
50/ 49	.1	.6	.4	.5	.6	.4	.1	.0										286	291	138				
48/ 47	.1	1.0	.5	.6	.5	.4	.1											321	324	186				
46/ 45	.2	1.1	.3	.7	.6	.2	.1											353	353	223				
44/ 43	.3	1.8	.8	.9	.8	.3	.1											510	510	362				
42/ 41	1.1	1.4	1.0	1.1	.9	.3												605	605	427				
40/ 39	.6	1.3	1.3	1.7	1.2	.1												650	650	496				
38/ 37	.5	1.8	1.5	2.1	.7	.1												692	692	492				
36/ 35	1.0	2.0	1.9	2.3	.7	.0												816	816	690				
34/ 33	1.0	2.6	1.9	2.0	.3	.0												808	808	826				
32/ 31	1.2	2.9	2.2	2.0	.1													862	862	1004				
30/ 29	.5	3.1	2.3	1.3	.0													752	752	845				
28/ 27	.8	2.7	1.8	.9														645	645	904				
26/ 25	.6	2.3	1.9	.5														550	550	786				
24/ 23	.7	1.8	1.3	.3														422	422	634				
22/ 21	.6	1.3	1.0	.0														318	318	489				
20/ 19	.5	1.5	.9	.0														299	307	368				
18/ 17	.4	1.3	.4															217	219	321				
16/ 15	.4	.7	.2															133	140	223				
14/ 13	.4	.7	.1															128	131	134				
12/ 11	.3	.5	.0															82	82	121				
10/ 9	.2	.3																49	49	79				
8/ 7	.1	.1																16	16	28				
6/ 5	.1	.0																10	10	12				
Element (X)	Σx²	Σx	Σ	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																								

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3	.0	.0																5	5	4	215
2/ 1	.0	.0																3	3	5	130
0/ -1	.0																	5	5	5	61
-2/ -3																					41
-4/ -5																					36
-6/ -7																					21
-8/ -9																					3
-10/ -11																					2
-12/ -13																					1
-14/ -15																					1
TOTAL	12.235	122.617	9	7.5	2.8	1.3	.4	.2	.1								10379	10410	10379	10379	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	53674659	718583	69.219	9.445	10379	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744									
Dry Bulb	13809617	321805	34.810	8.92	10410	.4	322.8	2.3	.2			744									
Wet Bulb	11294128	326506	31.519	9.15	10379	.4	427.4					744									
Dew Point	7940704	256906	24.812	3.45	10379	11.9	553.0					744									

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

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93726 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 58-70 YEARS JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																		
-4/-5	.2	.1																																3	3	2	20	
-6/-7																																					1	7
-8/-9																																						10
-10/-11																																						9
-12/-13																																						2
-14/-15																																						1
-16/-17																																						4
TOTAL	17.8	44.5	25.2	10.0	1.8	.6																													1199	1209	1199	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.	6724156	87474	73.016	9.06	1199	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	1122899	34277	28.411	1.83	1209	.9	59.2					93																										
Wet Bulb	961409	31529	26.310	1.509	1199	.9	47.3					93																										
Dew Point	696631	24401	20.412	1.922	1199	6.1	77.3					93																										

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF 98-70 JAN
 STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	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	1
58/ 57			.4		.1													6	6		2
56/ 55			.1			.1												2	2		
54/ 53			.2															2	2		8
52/ 51		.1	.2	.1														9	9	4	
50/ 49		.6	.2	.1														9	9	6	9
48/ 47		.4	.1	.1														7	7	11	8
46/ 45	.2	1.1	.6		.1													24	24	10	14
44/ 43	.4	1.5	.6	.5	.2	.2												41	41	27	12
42/ 41	.8	.8	.3	.5	.2													32	32	28	29
40/ 39	1.0	1.1	.7	1.0	.2													48	48	35	29
38/ 37	1.0	1.6	1.6	.9	.4													66	66	32	29
36/ 35	.8	1.5	1.5	.7														54	54	51	25
34/ 33	1.0	3.2	1.7	.7	.1													81	81	81	25
32/ 31	.9	3.7	1.2	1.6														89	89	74	60
30/ 29	1.8	3.4	1.3	1.0														91	91	102	49
28/ 27	1.2	3.0	2.2	.4														89	89	93	71
26/ 25	.9	3.7	2.2	.2														84	84	79	69
24/ 23	.6	3.0	2.5															73	73	81	88
22/ 21	1.5	3.7	1.1															75	75	110	60
20/ 19	.9	4.0	1.0															71	72	69	46
18/ 17	1.2	1.9	.2															40	42	64	61
16/ 15	.8	2.4	.8															49	45	43	89
14/ 13	.7	2.4	.4															43	43	49	80
12/ 11	.9	1.2	.4															30	30	41	66
10/ 9	.2	1.8	.1															26	26	23	61
8/ 7	.5	.9																17	19	29	43
6/ 5	.3	.1																5	5	14	32
4/ 3	.4	.7																13	13	7	28
2/ 1	.3	.2																7	8	11	18
0/ -1	.2	.1																4	4	5	23
-2/ -3	.2																	3	3	4	12
Element (X)	Σx'	Σx	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) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 58-70 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
-4/-5	.3	.1																3	3	4	22
-6/-7	.2	.1																3	3	4	19
-8/-9																					12
-10/-11	.1																	1	1	1	8
-12/-13																					2
-14/-15																					3
-16/-17																					2
-18/-19																					2
TOTAL	19.8	48.6	21.9	8.0	1.4	.2												1203	1209	1203	1203

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6931003	89107	74.1	16.589	1203							
Dry Bulb	1053629	32925	27.2	11.392	1209	1.2	63.4					93
Wet Bulb	911787	30451	25.3	10.630	1203	1.4	70.1					93
Dew Point	670813	23597	19.6	13.153	1203	7.7	78.9					93

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

93728 STATION FORT BELVOIR VA/LAVISON AAF STATION NAME 58-70 YEARS JAN 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
60/ 59																	4	4		
58/ 57		.1	.2	.3	.4	.5											9	9	2	
56/ 55																			2	2
54/ 53	.1	.2	.3	.4	.5	.6											4	4	3	3
52/ 51			.1	.2	.3	.4											4	4	2	2
50/ 49		.1	.2	.3	.4	.5											7	7	4	4
48/ 47	.2	.3	.4	.5	.6	.7											9	9	4	4
46/ 45	.2	.3	.4	.5	.6	.7											14	14	12	12
44/ 43	.3	.4	.5	.6	.7	.8	.1										32	32	6	6
42/ 41	1.3	1.2	1.1	1.0	.9	.8	.7	.1									42	42	38	38
40/ 39	1.4	1.3	1.2	1.1	1.0	.9	.8	.7	.1								43	43	32	32
38/ 37	.6	1.1	1.1	1.0	.9	.8	.7	.6	.1								40	40	22	22
36/ 35	.7	2.7	1.7	1.6	1.5	1.4	1.3	1.2	1.1								74	74	24	24
34/ 33	1.0	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.5								73	73	38	38
32/ 31	1.3	3.4	2.0	1.9	1.8	1.7	1.6	1.5	1.4								91	91	39	39
30/ 29	1.8	3.5	2.1	2.0	1.9	1.8	1.7	1.6	1.5								96	96	71	71
28/ 27	1.2	3.4	2.0	1.9	1.8	1.7	1.6	1.5	1.4								90	90	56	56
26/ 25	1.0	2.7	2.7	2.6	2.5	2.4	2.3	2.2	2.1								79	79	71	71
24/ 23	.4	3.2	2.7	2.6	2.5	2.4	2.3	2.2	2.1								78	78	64	64
22/ 21	.8	2.9	1.2	1.1	1.0	.9	.8	.7	.6								62	62	67	67
20/ 19	1.2	3.7	.6	.5	.4	.3	.2	.1	.0								66	66	57	57
18/ 17	.9	3.4	.8	.7	.6	.5	.4	.3	.2								62	62	58	58
16/ 15	1.4	3.7	.9	.8	.7	.6	.5	.4	.3								69	69	69	69
14/ 13	1.0	.9	.6	.5	.4	.3	.2	.1	.0								30	30	74	74
12/ 11	.5	1.1	.1	.0	.0	.0	.0	.0	.0								32	32	80	80
10/ 9	.4	1.6	.1	.0	.0	.0	.0	.0	.0								25	25	75	75
8/ 7	.6	1.7															27	28	47	47
6/ 5	.7	.2															11	12	30	30
4/ 3	.2	.2															6	6	27	27
2/ 1	.2	.2															6	7	28	28
0/ -1	.3	.3															5	6	20	20
-2/ -3	.4																5	6	22	22
-4/ -5	.4																3	3	16	16
-6/ -7	.3																6	6	8	8
Element (X)	$\sum X^2$	$\sum X$	\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 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF 58-70 YEARS JAN MONTH
 PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
-8/-9	.1																	1	1	2	12	
-10/-11																					16	
-14/-15																					1	
-16/-17																					2	
-18/-19																					4	
-20/-21																					1	
TOTAL	21.4	47.3	23.6	6.6	.8	.2											1202	1209	1202			
Element (X)	Σ x ²		Σ x		Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	6921903		89477		74.4	16.607	1202	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93								
Dry Bulb	1003022		32015		26.5	11.316	1209	1.6	65.7					93								
Wet Bulb	872014		29632		24.7	10.855	1202	1.8	72.4					93								
Dew Point	646649		22862		19.0	13.279	1202	7.9	78.5					93								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISD 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	13-14	15-16	17-18	19-20	21-22	22-24	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	1	
56/ 55	.1	.1	.2			.1	.1											7	7	6	4	
54/ 53		.2	.2	.1	.1													7	7	8	1	
52/ 51		.2		.2		.2												7	7	7	1	
50/ 49	.1	.2	.1	.2	.1	.2												12	12	8	12	
48/ 47	.2	.2	.2	.5	.4	.2												23	23	8	16	
46/ 45	.5	1.2	.4	.3	.2	.2												35	35	22	10	
44/ 43	.7	.7	.9	.9	.7	.4												52	52	29	22	
42/ 41	1.0	1.3	.7	.9	.9	.2												61	61	30	26	
40/ 39	1.3	1.6	1.7	1.2	.8													81	81	65	25	
38/ 37	.6	1.7	1.6	2.3	.7													82	82	50	33	
36/ 35	.3	1.7	3.0	2.4	.2													92	92	70	35	
34/ 33	.8	3.6	3.0	1.6	.3													113	113	99	44	
32/ 31	.7	2.7	3.0	2.2	.2													107	107	122	52	
30/ 29	.4	2.4	2.2	2.8	.2													97	97	104	78	
28/ 27	.4	1.7	3.5	1.7														88	88	86	68	
26/ 25	.2	1.9	3.7	.4														75	75	88	67	
24/ 23		1.5	2.2	.1														45	45	98	63	
22/ 21	.2	1.7	1.7	.1														45	45	87	63	
20/ 19		1.8	1.7															42	43	51	71	
18/ 17	.6	1.4	1.1															37	37	44	64	
16/ 15	.1	1.2	1.2															29	29	33	70	
14/ 13	.1	.7	.8															20	20	30	57	
12/ 11		1.2	.3															18	18	25	54	
10/ 9		.4																5	5	17	73	
8/ 7		.2																3	3	7	50	
6/ 5		.2																2	2	4	27	
4/ 3	.2	.1																3	3	4	23	
2/ 1	.1																	1	1	1	18	
0/ -1	.1	.1																2	2	1	24	
-2/ -3																					1	16
Element (X)	Σx'	Σx	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 4) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 FMRT BELVOIR VA/DAVISON AAF 58-70 JAN

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/-5																					17
-6/-7																					12
-8/-9																					8
-10/-11																					1
-12/-13																					1
-20/-21																					1
TOTAL	8.7	32.2	33.9	18.6	5.1	1.4	.1										1208	1209	1208	1208	

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5675821	79791	66.018	4.47	1208							
Dry Bulb	1354124	38604	31.910	0.28	1209	.2	47.7					93
Wet Bulb	1110978	34744	28.8	0.619	1208	.2	61.8					93
Dew Point	744019	25499	21.113	0.57	1208	6.2	75.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 58-70 YEARS JAN MONTH

PAGE 1 1200-1600 HOURS (L. S. T.)

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 58-70 YEARS JAN MONTH
PAGE 2 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
0/ -1																							16
-2/ -3																							15
-4/ -5																							19
-6/ -7																							7
-8/ -9																							1
-10/-11																							3
TOTAL	3.7	15.1	21.3	30.4	18.3	6.9	3.2	1.0	.1												1209	1209	1209
Element (X)	Σx²	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	4193883	67369	55.7	19.082	1209	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	1840741	45513	37.6	10.269	1209		28.2	.4				93											
Wet Bulb	1379301	39261	32.5	9.293	1209		46.5					93											
Dew Point	794756	26716	22.1	13.007	1209	4.7	72.9					93											

USAFETAC FORM 0-26-5 (O.L.A.) JUL 64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92728 STATION FORT BELVOIR VA/DAVISON AFB STATION NAME 58-70 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
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							
60/ 59		.1	.2	.1	.3	.3	.2	.3	.2									23	23	7	2					
58/ 57		.2	.2	.2	.2	.3	.1	.3	.1	.2								16	16	6	1					
56/ 55	.2	.3	.3	.2	.2	.4	.5	.2										26	26	11	4					
54/ 53		.1	.2	.2	.3	.5	.3	.3	.2									25	26	7	6					
52/ 51		.3	.2	.1	.5	.6	.4	.3										30	30	13	10					
50/ 49	.1	.3	.3	.3	.5	.9	.5	.3										49	49	18	14					
48/ 47		.3	.2	.4	1.7	1.7	.3											56	56	26	13					
46/ 45	.3	1.3	1.0	1.0	1.4	2.1	.2											85	85	29	16					
44/ 43	.2	.8	1.0	2.2	2.6	1.3	.1											100	100	60	16					
42/ 41	.2	.8	.5	1.8	2.2	.8												83	83	52	26					
40/ 39	.5	1.2	.7	2.2	2.2	.3												88	88	91	18					
38/ 37	.2	.8	1.0	2.2	1.6	.1												72	72	108	41					
36/ 35	.5	1.7	.9	3.0	2.0	.1												99	99	101	51					
34/ 33	.5	1.4	1.9	2.6	1.4													95	95	114	38					
32/ 31	.2	1.3	.7	3.9	.7													82	82	95	69					
30/ 29		.5	.7	3.2	.5													59	59	93	76					
28/ 27	.3	.7	1.2	1.7	.1													48	48	77	53					
26/ 25	.1	.4	.9	1.6														36	36	86	62					
24/ 23		.4	1.4	.5														28	28	58	77					
22/ 21		1.2	.8	.5														30	30	45	68					
20/ 19		.5	1.0	.2														21	21	40	74					
18/ 17		.3	1.2															18	18	22	63					
16/ 15	.2		.3															6	6	20	56					
14/ 13	.2		.1															4	4	20	72					
12/ 11			.2															3	3	2	63					
10/ 9			.1															1	1	1	63					
8/ 7																				4	32					
6/ 5																					27					
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 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 58-70 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					17
2/ 1																					16
0/ -1																					13
-2/ -3																					22
-4/ -5																					10
-6/ -7																					12
-8/ -9																					5
-10/-11																					1
TOTAL	3.9	15.2	17.8	28.2	18.8	10.0	3.7	1.9	.5									1209		1209	
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	4096750	66182	54.719	806	1209	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	1939083	46693	38.610	594	1209		25.8	.9				93									
Wet Bulb	1432293	40051	33.1	9.345	1209		43.3					93									
Dew Point	812733	27067	22.4	13.083	1209	4.8	73.3					93									

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

3

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 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															
68/ 67			.2															2	2																	
66/ 65			.1				.2											3	3																	
64/ 63																					2															
62/ 61				.2	.1	.1												4	4	1	3															
60/ 59				.1	.2													3	3																	
58/ 57		.2		.1	.2	.1												7	7	1																
56/ 55		.5	.4			.2	.1											15	15	7	1															
54/ 53	.1	.2	.2	.1		.3	.2											14	14	11	6															
52/ 51		.6	.2	.2	.1	.3	.2	.1										20	20	10	6															
50/ 49		.4	.3	.2	.2	.3	.2	.1										20	20	12	13															
48/ 47		.4	.1	.7	.5	.2												22	22	10	12															
46/ 45		1.2	.5	.7	.7	.2												40	40	15	7															
44/ 43	.4	1.6	1.0	1.2	.3	.7												62	62	37	20															
42/ 41	.7	.7	1.2	1.7	.9	.1												64	64	43	27															
40/ 39	.8	1.2	1.8	1.3	1.1													76	76	63	22															
38/ 37	.5	1.3	1.8	2.1	.7													77	77	60	35															
36/ 35	.4	2.0	2.4	1.7	.6													93	93	74	29															
34/ 33	.7	2.2	2.8	2.1	.2													97	97	100	46															
32/ 31	.4	3.0	3.6	2.6	.2													118	118	108	56															
30/ 29	.4	3.3	2.4	3.3	.1													117	117	108	84															
28/ 27	.6	1.2	3.6	2.1														90	90	110	69															
26/ 25	.2	2.0	2.9	.3														66	66	91	62															
24/ 23		1.2	1.7	.2														37	37	105	73															
22/ 21		2.1	1.2	.2														42	42	61	80															
20/ 19		1.5	1.2															32	32	50	72															
18/ 17	.2	.7	1.4															28	28	37	65															
16/ 15	.2	.6	.7															18	18	26	63															
14/ 13	.2	.5	.3															15	16	22	64															
12/ 11	.1	.3	.2															8	8	16	67															
10/ 9	.1	.2	.2															6	6	14	56															
8/ 7	.2	.7	.1															11	11	3	40															
6/ 5																					30															
4/ 3		.1																1	1	1	23															
2/ 1																					11															
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					22
-2/ -3																					11
-4/ -5																					13
-6/ -7																					6
-8/ -9																					6
-10/ -11																					4
-12/ -13																					4
TOTAL	6.3	30.4	32.5	21.1	6.0	2.7	.7	.2										1208		1208	
																		1208			1208

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5399543	77591	64.2	18.560	1208							
Dry Bulb	1471713	40269	33.4	10.122	1209		45.4	.2				93
Wet Bulb	1182689	36023	29.8	9.479	1208		58.7					93
Dew Point	768487	26261	21.7	12.794	1208	3.1	73.5					93

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

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															
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

93728 FORT BELVOIR VA/LAVISON AAF 58-70 JAN
STATION STATION NAME YEARS MONTH
 PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3	.4	.1																6	6	8	20
2/ 1	.1																	1	1	2	19
0/ -1	.2	.2																3	3	3	24
-2/ -3																				2	10
-4/ -5																					7
-6/ -7																					16
-8/ -9																					5
-10/-11																					5
-12/-13																					5
TOTAL	9.7	43.0	30.7	12.2	3.7	.4	.2												1209		1209
																		1205		1205	

Element (X)	ΣX ²	ΣX	Σ	Σ _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6261922	84606	70.0	17.039	1205							
Dry Bulb	1233339	36405	30.1	10.654	1209	.4	55.2	.2				93
Wet Bulb	1033166	33148	27.5	10.037	1205	.4	65.2					93
Dew Point	721291	25233	20.9	12.657	1205	5.6	77.3					93

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 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
66/ 65				.1													1	1		
62/ 61				.2													4	4		
60/ 59		.2		.2		.1	.1										6	6	1	
58/ 57	.2	.1	.1	.1													6	6	5	2
56/ 55	.1	.2		.3		.2											8	8	7	4
54/ 53		.2	.1	.2	.2	.2											7	7	1	4
52/ 51		.3	.1	.1		.2											8	8	5	5
50/ 49		.6		.1	.1	.2											11	11	11	5
48/ 47	.3	.5	.2	.2	.3												18	18	12	9
46/ 45	.1	.3	.2	.4	.3	.5											21	21	11	14
44/ 43	.8	.6	.4	.6	.5	.3											37	37	24	7
42/ 41	.9	.8	.3	1.1	.4	.3											42	42	29	23
40/ 39	.6	1.5	.6	2.3	.5												65	65	28	18
38/ 37	1.9	2.8	1.0	1.5	.3												98	98	67	35
36/ 35	.9	1.3	1.6	1.4	.2												64	64	80	46
34/ 33	.9	3.7	2.0	.7	.2												91	91	77	31
32/ 31	.3	4.1	2.3	1.9													101	101	98	49
30/ 29	.3	4.5	3.6	1.0													110	110	93	61
28/ 27	1.2	4.3	2.8	.9													109	109	115	79
26/ 25	.7	4.7	3.3	.8													111	111	123	84
24/ 23	.5	3.0	1.0	.3													66	66	106	77
22/ 21	.5	1.7	1.2	.3													43	43	79	100
20/ 19	.3	1.5	1.5														39	39	47	70
18/ 17	.3	.8	1.2														27	27	43	80
16/ 15	.2	1.0	1.3														29	29	27	58
14/ 13		1.0	.5														18	18	30	63
12/ 11	.2	1.2															16	16	25	40
10/ 9	.4	.8	.2														17	17	23	41
8/ 7	.3	.3															6	6	9	34
6/ 5	.1	.2															3	2	6	30
4/ 3																				28
2/ 1																				22
0/ -1																				19
-2/ -3																				11
Element (X)	Σx'		Σx		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA, AVISON AAF STATION NAME 57-70 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-4/-5																					14	
-6/-7																					13	
-8/-9																					5	
-12/-13																					1	
TOTAL	11.0	42.0	26.0	14.3	3.1	1.9	.1		.1									1182	1182	1182		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6101825	82159	69.5	18.197	1182							84
Dry Bulb	1247726	36618	31.0	9.795	1182		49.4					84
Wet Bulb	1042206	33342	28.2	9.279	1182		58.6					84
Dew Point	722629	25357	21.5	12.292	1182	4.9	69.6					84

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

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/LAVISON AAF

57-70

FEB
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
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)	Z _X ²	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																						

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIE VA/DAVISON AAF STATION NAME 57-70 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
-8/-9																						3													
-10/-11																						3													
-12/-13																						3													
-14/-15																						1													
TOTAL	14.1	46.5	24.3	11.2	2.0	1.3	.2											1178	1179	1178	1178														
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	6640934	84587	71.6	17.678	1178	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	1132637	34619	29.4	10.223	1179		53.2					84																							
Wet Bulb	970085	31791	27.0	9.760	1178		61.4					84																							
Dew Point	692669	24469	20.8	12.522	1178	6.0	70.2					84																							

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

92728 STATION 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		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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					.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		.4	.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)	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 8-64 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: **93728** **FORT BELVOIR VA/DAVISON AAF** STATION NAME: YEARS: **57-70** MONTH: **FEB**
 HOURS (L. S. T.): **0600-0800**

PAGE 2

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL																						
	0	1-2	3-4	5-6	7-8	9-10	11-12	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
Element (X)	Σx^2		Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																												
Rel. Hum.	6554488		85608		72.4	17.427	1183	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84																												
Dry Bulb	1111692		34062		28.8	10.517	1183	.1	53.9					84																												
Wet Bulb	952336		31360		26.5	10.118	1183	.1	63.1					84																												
Dew Point	688645		24155		20.4	12.852	1183	6.6	70.4					84																												

USAF ETAC 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

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	.3															15	15	15	4
50/ 49		.8	.7	.5	.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)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/LAVISON AAF STATION NAME 57-70 YEARS FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
-4 / -5																							13	
-6 / -7																								10
-8 / -9																								1
-12 / -13																								3
TOTAL	5.7	27.1	28.1	24.4	10.0	3.6	1.0														1185	1185	1185	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5105344	74085	62.520	0.000	1185							84
Dry Bulb	1552428	41440	35.0	9.338	1185		31.7					84
Wet Bulb	1235372	30768	31.0	8.935	1185		49.4					84
Dew Point	794911	26525	22.413	0.025	1185	4.7	66.1					84

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

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											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	.1								15	15	9	3
58/ 57	.1	.1	.3	.1	.2	.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	.0											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		.3	.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																					38
6/ 5																					26
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93720 STATION PORT BELVOIR VA/DAVISON AAF STATION NAME 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														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			.3	.6	.3	.3	.2	.7	.3																							31	31	16			
56/ 55		.3	.3	.4	.4	.8	.7	.7																								43	43	8			
54/ 53		.1	.3	.2	.5	.9	.7	.7																								36	36	21			
52/ 51		.4	.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		.2	.3	.3																													10	10	34		
20/ 19		.2	.2																														4	4	21		
18/ 17			.1																														1	1	8		
16/ 15		.3	.2																														5	3	6		
14/ 13		.1																															1	1	5		
12/ 11																																			2		36
10/ 9																																				48	
8/ 7																																			38		
6/ 5																																			20		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION EORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS FEB MONTH
 PAGE 2 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					24
2/ 1																					38
0/ -1																					15
-2/ -3																					14
-4/ -5																					7
-6/ -7																					3
-8/ -9																					6
-10/-11																					3
TOTAL	4.3	14.1	11.4	21.2	23.9	14.6	5.6	3.5	1.1	.3							1182	1182	1182	1182	
Element (X)	Σx ²	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	3048073	62173	52.6	22.118	1182	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2160936	49120	41.6	10.066	1182		15.4	1.5				84									
Wet Bulb	1561998	41700	35.3	8.771	1182		32.0					84									
Dew Point	872042	27858	23.5	13.507	1182	3.4	62.5					84									

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 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		.3		.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		.9	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																					30
Element (X)	Σx'	Σx	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF 57-70 YEARS FEB MONTH

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

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

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																														
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Ref. Hum.	4757772	70970	59.9	20.700	1185																															
Dry Bulb	1714202	43730	36.9	9.210	1185		26.0																													84
Wet Bulb	1331975	38375	32.4	8.681	1185		45.3																													84
Dew Point	828560	27214	23.0	13.112	1185	4.0	64.4																													84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVERSED 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 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
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		.4	.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	99 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)	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) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAL

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AFB STATION NAME 57-70 YEARS MAR 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
68/ 67				.2	.2	.1												6	6		
66/ 65					.1													1	1		
64/ 63						.3												4	4	1	
62/ 61		.1	.1	.2			.1											6	6	2	
60/ 59		.3	.2	.3	.2	.1	.2	.1										18	18	6	5
58/ 57		.2	.4			.1	.3	.1										13	13	5	
56/ 55		.3	.2	.1	.2	.5	.2											19	19	14	6
54/ 53	.2	.5	.7	.6	.1	.2	.1											30	30	16	13
52/ 51	.2	.4	.6	.5	.2	.2												19	19	16	15
50/ 49	.2	.3	.2	.6	.5	.4												28	28	15	18
48/ 47	.1	.9	1.2	.6	.3	.5	.2											52	52	31	16
46/ 45	.3	2.1	.8	1.2	.6	.6	.1											73	73	43	17
44/ 43	.2	1.7	1.5	1.2	1.1	.4												77	77	52	28
42/ 41	.8	1.9	2.0	1.2	.3													82	82	67	40
40/ 39	1.3	2.3	2.9	1.8	.2	.1												112	112	90	71
38/ 37	1.4	3.1	2.3	2.0	.5													121	121	111	63
36/ 35	1.0	3.1	2.0	1.7	.6													110	110	125	75
34/ 33	1.7	3.7	2.4	1.8	.3													123	123	131	72
32/ 31	.6	4.0	1.4	1.5	.1													98	98	109	108
30/ 29	.3	3.5	1.7	.8														81	81	116	99
28/ 27	.3	3.0	2.1	.3														74	74	90	89
26/ 25	.5	3.3	1.2	.2														67	67	96	68
24/ 23	.2	1.4	.5	.2														29	29	64	94
22/ 21	.2	1.1	.4															22	22	39	74
20/ 19	.1	.5	.5															14	14	24	71
18/ 17	.2	.2	.2															7	7	15	55
16/ 15	.1	.3																5	5	7	51
14/ 13	.1																	1	1	5	45
12/ 11	.2	.2																5	5	2	21
10/ 9	.2	.1																3	3	5	22
8/ 7																				1	15
6/ 5	.1																	1	1	1	14
4/ 3	.1																	1	1	1	9
2/ 1																					2
Element (X)	Σx'	Σx	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) MAR 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
68/67				.2	.2												4	4		
66/65			.1	.2	.1												4	4		
64/63				.1	.2												3	3		
62/61		.3	.2	.2			.1										10	10	3	
60/59		.3	.2	.2													8	8	9	5
58/57		.4	.2	.1	.2	.1											12	12	8	4
56/55		.4	.3	.2	.3	.3											19	19	12	9
54/53		.1	.2	.4	.2	.2											13	13	12	11
52/51	.1	.2	.2	.1	.2	.1											9	9	5	11
50/49	.7	.2	.2	.3	.3												22	22	18	15
48/47	.2	1.2	.5	.2	.6												35	35	22	8
46/45	.5	1.9	1.0	.7	.7	.3											67	67	37	24
44/43	.8	2.1	.6	.8	.5	.2											65	65	50	28
42/41	.9	2.1	.7	.7	1.2	.1											73	73	61	35
40/39	1.4	2.4	2.4	1.4	.5	.1											105	105	70	66
38/37	1.4	3.7	2.0	1.0	.5												111	111	86	63
36/35	.5	3.8	2.3	1.9	.3												115	115	119	63
34/33	2.1	3.7	2.1	1.9													127	127	130	88
32/31	.8	4.7	2.5	1.6	.1												125	125	115	87
30/29	.5	3.8	1.7	.6	.1												87	87	119	89
28/27	.2	2.8	1.5	.3													64	64	116	95
26/25	.8	2.4	1.7														63	63	80	74
24/23	.5	2.7	1.1	.1													56	56	76	92
22/21	.3	1.6	.9														37	37	50	81
20/19	.2	1.4	.9														32	32	37	71
18/17	.2	.2	.1														10	10	33	55
16/15	.2	.3															6	6	10	62
14/13	.2	.3															6	6	7	59
12/11		.1															1	1	3	23
10/9		.2															6	6	6	21
8/7		.2															3	3	2	17
6/5	.2																3	3	5	22
4/3																				10
2/1																				6
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 44 JUL 64 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

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																																							4
-2/ -3																																						3	
TOTAL	12.0	43.4	23.5	12.9	5.8	1.4	.1																															1301	
																																						1302	
																																						1301	

Element (X)	ΣX^2	ΣX	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	7628338	97118	74.6	17.065	1301							
Dry Bulb	1755190	46080	35.4	9.776	1302		35.7	.3				93
Wet Bulb	1501332	42538	32.7	9.219	1301		47.1					93
Dew Point	1154854	35846	27.6	11.341	1301	.5	62.3					93

FORM REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A) JUL 64

USAF/ETAC

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION EIRT BELVOIR VA/DAVISON AAF STATION NAME 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
70/69				.1	.2													3	3	
68/67				.1	.2													2	2	
64/63			.2															2	2	1
62/61		.1	.2	.2	.1													6	6	3
60/59		.2	.5		.2	.1												13	13	5
58/57		.3		.2														8	8	4
56/55		.7	.2	.3	.1	.1												17	17	11
54/53		.2	.2	.2	.2													8	8	7
52/51		.2	.2	.2	.2	.2												15	15	12
50/49	.2	.6	.3	.5	.2	.1												29	29	12
48/47	.7	1.1	.7	.5	.3													43	43	26
46/45	.5	1.2	.7	.3	.5	.2												50	50	34
44/43	1.0	1.3	1.0	.9	.2	.1												64	64	59
42/41	1.2	2.4	2.2	.8	.8													96	96	56
40/39	1.3	2.4	2.8	1.5	.6													111	111	76
38/37	.8	3.4	2.4	1.3	.2													106	106	110
36/35	1.0	3.0	2.5	2.0	.4													131	131	97
34/33	1.5	4.7	2.5	1.3														131	131	145
32/31	.5	3.8	1.5	1.0														100	100	108
30/29	.5	3.5	2.2	1.5														98	98	129
28/27	.2	2.6	1.5	.4	.1													62	62	93
26/25	.7	1.6	1.7															52	52	92
24/23	.7	2.4	.7															49	49	67
22/21	.3	1.4	.5															28	28	42
20/19	.2	1.9	.9															40	42	36
18/17	.2	.3	.2															8	8	31
16/15	.1	.5	.2															9	9	11
14/13	.1	.4																6	6	11
12/11	.3	.2																7	7	9
10/9																				27
8/7																				20
6/5	.1																	1	1	1
4/3	.2																	2	2	2
2/1																				8
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS MAR MONTH
PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29	30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
0 / -1																						4
-2 / -3																						3
-4 / -5																						1
-6 / -7																						2
TOTAL	12.3	41.2	25.5	14.6	5.8	.6												1299	1301	1299	1299	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	7514819	96327	74.2	16.922	1299							
Dry Bulb	1766895	46303	35.6	9.565	1301	.1	33.2	.4				93
Wet Bulb	1510317	42687	32.9	9.103	1299	.1	45.9					93
Dew Point	1158712	35866	27.6	11.391	1299	.7	61.2					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

MAR

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
78/ 77														.1					1	1	
76/ 75														.1			.1		2	2	
74/ 73														.1		.1			2	2	
72/ 71					.1			.2	.2	.1								6	6		
70/ 69				.1	.1			.1	.2	.2	.2			.2		.2		9	9		
68/ 67				.2	.2			.2	.2	.3				.3				11	11		
66/ 65			.2	.2	.2	.2	.2	.2	.2	.1				.1				17	17	1	
64/ 63			.2	.4	.1	.2	.1	.4	.2	.1				.1				20	20	1	
62/ 61		.1	.2	.1	.5	.2	.5	.2	.1									22	22	13	
60/ 59		.1	.2	.3	.2	.6	.2	.1										21	21	12	
58/ 57		.3	.3	.2	.2	.8	.6											33	33	11	
56/ 55		.1	.9	.1	.6	.8	.5	.2	.1									33	33	22	
54/ 53	.1	.2	.9	.6	.8	.5	.5	.2										45	45	21	
52/ 51	.2	.2	.2	.5	.9	1.0	.5	.2										46	46	36	
50/ 49	.2	.4	.3	.8	1.8	1.8	.4	.1										76	76	29	
48/ 47	.1	.9	1.2	1.6	1.8	.6	.9											88	88	48	
46/ 45	.3	1.6	.9	2.2	2.3	.9	.4											111	111	63	
44/ 43	.2	.9	.9	2.8	1.9	1.1	.2											104	104	77	
42/ 41	1.1	1.9	1.3	2.7	3.1	.7												140	140	117	
40/ 39	.2	2.0	1.3	2.5	2.2	.5												114	114	120	
38/ 37	.6	2.5	1.2	1.8	2.1	.2												109	106	133	
36/ 35	.5	1.9	1.2	2.3	1.4													95	95	147	
34/ 33	.5	.9	1.3	1.8	.7													67	67	119	
32/ 31	.1	.2	.8	1.8	.2													41	41	99	
30/ 29		.4	.3	1.0	.1													23	23	76	
28/ 27		.2	.5	.8	.1													20	20	48	
26/ 25	.3	.2	.6	.2														17	17	38	
24/ 23		.1	.5	.2														10	10	23	
22/ 21		.2	.8															13	13	17	
20/ 19			.2															3	3	18	
18/ 17			.1															1	1	6	
16/ 15																				4	
14/ 13																				41	
12/ 11																				36	
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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EORT BELVOIR VAF AIVISON OAF 57-70 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
10/ 9																					27			
8/ 7																					12			
6/ 5																					14			
4/ 3																					14			
2/ 1																					6			
0/ -1																					4			
-2/ -3																					1			
-4/ -5																					1			
TOTAL	4.3	15.4	15.4	25.3	21.5	10.2	4.8	1.5	1.2	.2	.1		.1					1299		1299	1299			
Element (X)	ΣX^2		ΣX		\bar{X}		s_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	4986918		76320		58.819683		1299		≤ 0 F		≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	2601949		56705		43.7		9.876		1299		9.2	2.2	.4			93								
Wet Bulb	1964109		42259		37.9		8.607		1299		23.6					93								
Dew Point	1267261		37573		28.911791		1299		1299		.4	55.4				93								

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

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
84/ 83												.1					1	1	
82/ 81													.2				2	2	
80/ 79							.1	.2	.1	.1	.2	.1					8	8	
78/ 77								.1	.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	1.4	.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																			65
Σx'																			
Σx																			
\bar{x}																			
σ_x																			
No. Obs.																			
Mean No. of Hours with Temperature																			
≤ 0 F																			
≤ 32 F																			
≥ 67 F																			
≥ 73 F																			
≥ 80 F																			
≥ 93 F																			
Total																			
Rel. Hum.																			
Dry Bulb																			
Wet Bulb																			
Dew Point																			

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/JAVISON AAF STATION NAME 57-70 YEARS MAR MONTH
PAGE 2 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					58
14/ 13																					43
12/ 11																					28
10/ 9																					26
8/ 7																					15
6/ 5																					8
4/ 3																					4
2/ 1																					3
0/ -1																					4
-4/ -5																					2
-6/ -7																					1
TOTAL	2.3	11.4	8.5	13.7	17.9	17.9	11.8	8.0	3.5	2.8	1.4	.5	.4					1299	1299	1299	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3861381	63329	50.320	934	1299							
Dry Bulb	3310735	63817	49.111	629	1299		5.2	9.7	3.9	.5		93
Wet Bulb	2280957	53197	41.0	8.882	1299		15.4	.1				93
Dew Point	1311615	38293	29.511	866	1299	.5	55.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03728 EORT BELVOIR VA/RAVISON AAF

57-70

MAR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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		.2		.2						14	14		
76/ 75						.1	.3	.3	.2	.2	.3	.2		.1				20	20		
74/ 73						.1	.3	.2	.5	.2	.3	.2						22	22		
72/ 71						.2	.4	.2	.3	.2	.3	.2						24	24		
70/ 69				.1		.1	.4	.2	.3	.2	.4	.1						31	31		
68/ 67			.1		.2		.1	.2	.5	.2	.3							16	16	4	
66/ 65			.1		.1	.2	.7	.3	1.3	.2	.3							40	40	5	
64/ 63		.2	.2	.2	.1	.4	.3	.5	1.8	.2	.2							39	39	11	2
62/ 61					.2	.2	.3	.4	1.1	.6	.6							37	37	19	4
60/ 59		.1		.3	.3	.8	.7	.8	1.8	.8	.2							53	53	29	7
58/ 57			.2	.5	.3	.8	.9	1.2	1.9	.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	109	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)	ΣX^2	ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

MAR

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					54
14/ 13																					49
12/ 11																					23
10/ 9																					21
8/ 7																					15
6/ 5																					10
4/ 3																					11
2/ 1																					2
0/ -1																					4
-4/ -5																					3
TOTAL	2.6	9.9	8.2	11.5	14.4	15.8	14.9	8.4	7.5	2.8	2.1	1.2	.6	.2				1300	1300	1300	
																		1300		1300	
Element (X)	Σ x ²		Σ x		X		s _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	3609608		62326		47.921		873		1300		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb	3523982		65874		50.711		965		1300			4.1	10.5	5.4	1.3		93				
Wet Bulb	2361992		54230		41.7		8.763		1300			12.3	.3				93				
Dew Point	1298448		38052		29.311		922		1300		.5	55.3					93				

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

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				6	8					
72/ 71							.2	.3	.2	.2	.1										11	11					
70/ 69						.1	.2	.5	.2	.1	.2										14	14					
68/ 67				.1	.2	.2	.2	.2	.2	.2	.2	.1									16	16					
66/ 65		.1	.1	.1	.2	.2	.2	.3	.5	.2	.1										21	21					
64/ 63		.1	.3	.2	.3	.3	.2	.4	.1	.1											29	29	1				
62/ 61		.2	.1	.5	.1	.5	.2	.2	.2	.2											29	29	14	1			
60/ 59	.1	.2	.2	.2	.2	.5	.5	.3	.3	.1											33	33	21	8			
58/ 57		.2	.5	.5	.3	.4	.8	.8	.2												47	47	20	6			
56/ 55		.5	.2	.4	.5	.5	.8	.7													48	48	29	3			
54/ 53		.2	.2	.7	.5	1.0	1.5	.4	.2												62	62	30	20			
52/ 51		.2	.3	.8	1.1	1.2	1.5	.2													69	69	33	28			
50/ 49		.5	1.2	.8	1.7	.8															66	66	37	16			
48/ 47	.1	.3	1.1	1.2	2.1	1.2	.2														83	83	49	19			
46/ 45		1.6	1.0	1.7	1.5	1.3	.3														99	99	66	28			
44/ 43	.2	1.5	1.8	1.7	1.8	1.9	.2														118	118	101	35			
42/ 41	.5	2.1	1.5	1.5	2.5	1.1															119	119	136	58			
40/ 39	.3	1.2	1.2	1.6	2.3	.6															95	95	138	70			
38/ 37	.2	1.7	.8	2.0	1.5	.3															85	85	116	59			
36/ 35	.3	1.8	1.1	1.5	1.2																77	77	103	93			
34/ 33	.8	1.8	.9	1.4	.3																68	68	123	86			
32/ 31	.4	.2	.7	.9	.1																27	27	102	87			
30/ 29	.1	.2	.8	1.2	.1																31	31	65	82			
28/ 27		.2	.6	.5																	17	17	38	72			
26/ 25		.2	.2	.5																	11	11	30	69			
24/ 23	.1	.5	.2																		9	9	24	85			
22/ 21		.3																			4	4	18	67			
20/ 19			.1																		1	1	7	72			
18/ 17																							1	56			
16/ 15																								49			
14/ 13																								50			
Element (X)	Σx ²	Σx	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

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

MAR

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
12/ 11																						30				
10/ 9																						18				
8/ 7																						17				
6/ 5																						5				
4/ 3																						6				
2/ 1																						2				
0/ -1																						1				
-2/ -3																						6				
TOTAL	3.0	15.0	14.4	20.2	17.5	13.4	8.2	4.6	2.0	.9	.5	.2	.1					1302	1302	1302	1302					

Element (X)	Σ X²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4679350	73182	56.220	857	1302	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2878130	59636	45.810	615	1302		7.1	4.1	1.2			93
Wet Bulb	2099027	51057	39.2	8.642	1302		20.4					93
Dew Point	1305031	38231	29.411	649	1302	.5	55.3					93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/AVISON AAF 57-70 MAR
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
72/ 71							.2																									2	2		
70/ 69							.2																									7	7		
68/ 67							.2	.1																								4	4		
66/ 65							.1	.2	.1				.2																		6	6			
64/ 63							.1	.1				.2	.1																		5	5			
62/ 61		.2	.1	.2	.2		.1	.2				.2																			13	13	1		
60/ 59		.4	.1	.2	.7	.3	.4																								27	27	12	3	
58/ 57	.2	.5	.7	.2	.1	.4	.2																								29	29	16	6	
56/ 55		.5	.5	.3	.2	.2	.3	.2																							28	28	18	7	
54/ 53		.4	.5	.2	.2	.2	.6																								27	27	13	19	
52/ 51		.4	.3	.7	1.0	.4	.3	.1																							41	41	27	19	
50/ 49	.2	.2	1.2	.7	.7	.2	.4	.1																							48	48	25	19	
48/ 47		.5	1.2	1.0	1.5	.8	.1	.1																							67	67	28	19	
46/ 45	.1	2.2	.9	2.2	1.0	.3	.2																								89	89	52	20	
44/ 43	.2	1.0	2.1	1.6	1.6	.4																									82	82	68	29	
42/ 41	.6	2.6	1.7	1.9	1.4	.3																									111	111	84	51	
40/ 39	.7	3.1	2.1	2.8	1.1	.2																									129	129	131	58	
38/ 37	.8	2.8	2.3	1.5	1.1																										109	109	120	69	
36/ 35	.7	1.9	2.8	1.7	.7																										101	101	118	96	
34/ 33	1.3	2.2	2.5	1.7	.3																										105	105	120	83	
32/ 31	.4	1.6	2.2	1.8																											77	77	112	112	
30/ 29	.1	2.1	2.2	.8																											66	66	95	74	
28/ 27	.1	1.9	1.7	.4																											53	53	86	83	
26/ 25		1.0	.9	.2																											27	27	71	94	
24/ 23	.1	.5	.3	.3																											15	15	40	73	
22/ 21	.1	.7	.4	.2																											18	18	21	85	
20/ 19		.5	.2																												7	7	15	56	
18/ 17	.1	.1																													2	2	14	46	
16/ 15		.2																													3	3	3	52	
14/ 13	.1																														1	1	3	47	
12/ 11		.2																													2	2		28	
10/ 9	.1																														1	1	3	21	
8/ 7																																		9	
6/ 5																																		7	
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																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

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	13-14	15-16	17	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											.1	.2							3	3						
74/ 73										.1	.1	.1							4	4						
72/ 71				.1	.1					.3	.2								10	10						
70/ 69			.1	.2	.1					.2	.2	.3							15	15						
68/ 67			.1	.2	.4	.3				.2	.2	.2							19	19	3					
66/ 65	.1	.7	.7	.6	.5	.1				.1	.2	.2							33	33	6	3				
64/ 63	.2	.8	.9	.9	.9	.1				.1	.3	.4							31	31	22	13				
62/ 61		1.1	.9	.6	.1	.3				.2	.4	.4							40	40	31	18				
60/ 59	.1	.6	1.0	.6	.9	.6				.2	.2	.2							52	52	42	24				
58/ 57	.6	1.3	1.7	.8	.3	.5				.2	.7	.7							70	70	40	25				
56/ 55	.4	1.5	1.4	.7	.4	.3				.3	.3	.1							64	64	62	51				
54/ 53	.2	1.1	1.7	1.0	.6	.6				.1	.1	.1							68	68	52	43				
52/ 51	.6	1.7	2.1	.6	.6	.6				.2	.2	.2							80	80	72	52				
50/ 49	.3	.8	1.3	1.4	1.0	.6				.6	.6	.6							70	70	73	51				
48/ 47	.2	1.7	1.5	1.5	1.6	.3				.3	.3	.3							86	86	61	57				
46/ 45	.3	2.3	1.2	1.7	1.7	1.2				.1	.1	.1							109	109	89	72				
44/ 43	1.0	2.9	2.1	1.8	.8	.2				.2	.2	.2							112	112	92	68				
42/ 41	.6	2.9	1.6	1.4	.7	.3				.3	.3	.3							95	95	110	65				
40/ 39	1.0	2.2	2.1	.7	.2	.1				.1	.1	.1							81	81	124	90				
38/ 37	.1	2.1	1.0	.2						.1	.1	.1							43	43	93	91				
36/ 35	.4	1.8	1.4	.9	.1					.1	.1	.1							57	57	93	67				
34/ 33	.2	1.8	1.1	.1						.1	.1	.1							41	41	62	68				
32/ 31	.2	1.7	.4	.2						.2	.2	.2							32	32	46	94				
30/ 29	.1	1.0	.6	.2						.2	.2	.2							23	23	42	77				
28/ 27		.6	.2							.2	.2	.2							11	11	25	67				
26/ 25		.4								.2	.2	.2							5	5	11	58				
24/ 23		.2								.2	.2	.2							3	3	5	22				
22/ 21										.2	.2	.2									3	29				
20/ 19										.2	.2	.2										25				
18/ 17										.2	.2	.2										11				
16/ 15										.2	.2	.2										11				
14/ 13										.2	.2	.2										2				
Element (X)	Σ x'	Σ x	Σ	Σ x	No. Obs.	Mean No. of Hours with Temperature																				
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92728 FORT BELVOIR VA/DAVISON JAF

57-70

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

USAF/ETAC 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

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point					
80/ 79						.1															1	1			
78/ 77						.1																1	1		
76/ 75				.1		.1																2	2		
74/ 73			.1						.1													2	2		
72/ 71			.1		.2				.1													4	4		
70/ 69				.2	.2		.1	.2		.1												9	9		1
68/ 67		.3	.2		.2	.1	.2	.5														19	19	3	1
66/ 65		.4	.2	.4	.6	.2	.2	.1	.1													27	27	5	4
64/ 63		.8	.6	.2	.8	.2	.2															36	36	11	7
62/ 61	.1	.6	1.0	.6	.8	.2	.4															42	42	20	13
60/ 59	.5	1.0	1.0	.4	.8	.4	.3	.1	.1													58	58	37	20
58/ 57	.6	2.0	1.7	.6	.9	.2	.1	.1														72	72	54	37
56/ 55	.5	1.7	1.0	.6	.6	.5		.1														60	60	68	53
54/ 53	.5	2.1	1.0	.6	1.0	.3	.2															71	71	69	46
52/ 51	.2	1.6	1.7	1.0	.7	.6	.1															74	74	62	50
50/ 49	.5	1.6	1.2	1.6	1.2	.7	.3															90	90	62	58
48/ 47	.5	3.0	1.8	.8	1.0	.7	.1															100	100	78	59
46/ 45	.6	2.5	1.3	1.6	1.2	.3																96	96	98	70
44/ 43	.9	2.6	2.1	1.7	1.3	.2																111	111	99	71
42/ 41	.8	2.1	1.3	1.5	1.1																	81	81	90	81
40/ 39	.9	2.5	1.2	1.4	.5																	82	82	118	75
38/ 37	.3	2.0	.6	1.3	.2																	56	56	89	90
36/ 35	.2	2.4	1.2	.6	.1																	56	56	82	62
34/ 33	.1	1.6	.7	.2																		33	33	71	73
32/ 31	.2	1.7	.4	.2																		33	33	59	69
30/ 29	.4	.6	.6																			20	20	40	66
28/ 27	.2	.6	.1	.1																		12	12	16	65
26/ 25	.1	.5																				7	7	13	67
24/ 23		.2																				3	3	9	45
22/ 21	.1																					1	1	2	24
20/ 19		.1																				1	1	1	23
18/ 17																									10
16/ 15																									16
12/ 11																									1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVERSED EDITIONS OF THIS FORM ARE UNUSABLE

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 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
92/ 91												.1																			1	1			
90/ 89											.1	.1																			2	2			
88/ 87																					.2	.1									3	3			
86/ 85											.1	.1									.1	.1									4	4			
84/ 83								.1	.2											.2	.1	.2									9	9			
82/ 81				.1								.1	.1							.3	.1										9	9			
80/ 79						.1	.1	.1	.2	.2										.3	.2		.1								13	13			
78/ 77			.1			.1	.1	.1	.2	.3	.3	.2	.2	.1	.1					.2	.2	.1	.1								19	19	1		
76/ 75						.2	.3	.6	.5	.3	.4	.4	.3	.4	.1					.3	.3	.1									30	30	1		
74/ 73			.2			.2	.2	.3	.3	.3	.3	.3	.3	.1						.3	.3	.1									29	29	5		
72/ 71			.1	.3	.4	.3	.6	.6	.6	.6	.6	.6	.1	.5						.6	.6	.3	.1								41	41	3		
70/ 69			.1	.2	.4	.3	.6	.6	.6	.6	.6	.6	.3	.1						.6	.6	.3	.1								40	40	6		
68/ 67		.1	.3	.4	.4	1.0	.5	.9	.4	.4	.4	.4	.1	.5						.9	.9	.5	.1								44	44	9		
66/ 65		.1	.4	.8	.4	.8	.4	.6	.2	.2	.2	.2	.2	.1						.6	.6	.3	.1								48	48	21		
64/ 63		.4	.8	.6	1.0	.9	.5	1.0	.2	.2	.2	.1	.1							.9	.9	.5	.1								68	68	39		
62/ 61		.3	.4	.6	.7	.3	.6	1.2	.3	.1	.1	.1	.1							.6	.6	.3	.1								56	56	49		
60/ 59	.3	1.3	.2	.4	1.0	1.3	1.0	1.3	.4	.4	.4	.4	.1	.1						.9	.9	.5	.1								92	92	70		
58/ 57	.1	1.2	.6	.6	1.0	1.3	.8	1.5	.2	.1	.1	.1	.1							.8	.8	.5	.1								83	83	67		
56/ 55	.1	1.0	.6	.6	1.3	1.3	.9	1.0	.2	.2	.2	.2	.1							.9	.9	.5	.1								87	87	77		
54/ 53	.2	1.1	.4	.6	1.3	1.3	1.0	1.4	.4	.4	.4	.4	.1							.8	.8	.5	.1								86	86	79		
52/ 51	.1	1.0	1.0	1.5	1.0	2.1	1.3	.1	.1	.1	.1	.1	.1							1.0	1.0	1.0	.1								101	101	69		
50/ 49	.4	1.0	.9	1.0	1.5	1.4	.9	.1	.1	.1	.1	.1	.1							.9	.9	.5	.1								91	91	88		
48/ 47	.2	1.1	1.0	.8	1.9	1.7	.2	.1	.1	.1	.1	.1	.1							.8	.8	.5	.1								88	88	106		
46/ 45	.4	1.2	.5	1.0	1.7	1.2	.3	.3	.3	.3	.3	.3	.3							.8	.8	.5	.1								79	79	103		
44/ 43	.6	1.0	.6	1.2	.8	.9	.5	.5	.5	.5	.5	.5	.5							.8	.8	.5	.1								59	59	117		
42/ 41	.3	.8	.4	.7	.7	.9	.1	.1	.1	.1	.1	.1	.1							.7	.7	.5	.1								44	44	110		
40/ 39	.2	.3	.2	.2	.6	.2	.2	.2	.2	.2	.2	.2	.2							.6	.6	.5	.1								23	23	96		
38/ 37	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							.1	.1	.1	.1								6	6	62		
36/ 35			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							.1	.1	.1	.1								3	3	40		
34/ 33			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							.1	.1	.1	.1								2	2	23		
32/ 31																																14	67		
30/ 29																																4	60		
28/ 27																																1	61		
26/ 25																																		47	
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) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/AVISON AAF 97-70 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23																					24
22/ 21																					45
20/ 19																					32
18/ 17																					17
16/ 15																					9
14/ 13																					7
12/ 11																					7
10/ 9																					1
8/ 7																					1
6/ 5																					3
TOTAL	2.9	12.1	9.0	11.7	17.1	17.9	11.0	9.1	4.2	1.7	2.3	.6	.3					1260	1260	1260	
																			1260	1260	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum	4512562	70602	56.02	1.024	1260	≥ 0°	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4222512	71704	56.91	0.619	1260			17.4	8.5	2.4		90									
Wet Bulb	3082231	61321	48.7	8.817	1260		1.4	1.8	.5			90									
Dew Point	2173876	49992	39.71	2.297	1260		27.2	1.0	.1			90									

USAF ETAC FORM 0-26-5 (OL A) 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

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

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL																									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																				
28/ 27																																						54			
26/ 25																																							48		
24/ 23																																							48		
22/ 21																																							40		
20/ 19																																							31		
18/ 17																																							26		
16/ 15																																							15		
14/ 13																																							5		
12/ 11																																							4		
10/ 9																																							4		
8/ 7																																							1		
TOTAL		1.0	9.8	5.9	5.4	9.2	13.7	13.7	12.9	9.5	6.8	5.1	2.4	2.4	1.0	.2																						1260	1260	1260	
																																							1260	1260	

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3512312	60346	47.922	22.229	1260							
Dry Bulb	5027697	78167	62.011	8.904	1260			29.2	18.1	9.4	.3	90
Wet Bulb	3359383	64205	51.0	8.810	1260			.2	4.1	.6		90
Dew Point	2167749	49769	39.5	12.664	1260			27.6	.6	.1		90

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

YEARS

APR
 MONTH

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

USAFETAC FORM 34 JUL 64 0-26-5 (OL A) REISED 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
96/ 95															.1	.2		1	1		
94/ 93															.1	.2		3	3		
92/ 91											.1	.1	.2	.1	.1		6	6			
90/ 89											.1	.1	.1	.2	.2	.2	10	10			
88/ 87											.2	.1	.3	.2	.2	.2	17	17			
86/ 85											.1	.2	.3	.6	.3	.7	31	31			
84/ 83											.3	.1	.4	.6	.2	.5	28	28			
82/ 81										.2	.4	.6	.6	.2	.2	.4	38	38			
80/ 79						.1	.2	.2	.2	.2	.2	.4	.2	.4	.6	.8	40	40			
78/ 77				.2		.2	.2	.2	.6	.4	.2	.4	.2	.6	.2		34	34			
76/ 75				.2	.3	.3	.3	.2	.2	.2	.3	.6	.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		
70/ 69		.1	.1	.4	.2	.5	.5	.7	.7	1.0	.6	.1					60	60	16		
68/ 67		.1	.9	1.0	.3	.4	.7	.3	1.1	.8	.5	.1					77	77	32		
66/ 65		.1	.5	.4	.4	.8	.4	.6	1.8	.7	.7						84	84	41		
64/ 63		.2	.2	.4	.6	.3	.4	1.7	1.2	.9	.2						75	75	66		
62/ 61		.2	.1	.2	.2	.2	1.0	1.6	1.5	.2							67	67	69		
60/ 59		.6	.9	.1	.3	.8	1.3	1.0	1.4	.2							82	82	58		
58/ 57		.4	.2	.1	.7	1.0	1.1	1.3	.6								70	70	59		
56/ 55		.3	.6	.2	.3	1.2	1.0	1.1	.4								64	64	115		
54/ 53	.2	.2	.6	.6	.7	.5	2.3	.6	.2								81	81	54		
52/ 51		.8	.7	.4	.6	.8	2.1	.9									79	79	75		
50/ 49		1.3	.3	.3	.4	1.2	1.2										60	60	130		
48/ 47	.3	1.0	.2	.2	.3	1.0	.3										42	42	120		
46/ 45		1.1	.2	.6	.1	.5	.1										33	33	103		
44/ 43	.2	.9	.6	.2	.1	.1											19	19	97		
42/ 41	.6	.9	.1		.1												15	15	89		
40/ 39	.3		.1	.2													7	7	75		
38/ 37		.1	.1														2	2	34		
36/ 35		.2															2	2	5		
34/ 33																			3		
32/ 31																			2		
30/ 29																			1		
Element (X)	Σ x ²		Σ x		̄x	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																					

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS APP 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
28/ 27																					62
26/ 25																					54
24/ 23																					59
22/ 21																					39
20/ 19																					30
18/ 17																					19
16/ 15																					16
14/ 13																					8
12/ 11																					6
10/ 9																					4
TOTAL	1.5	8.4	6.1	5.9	6.3	11.1	13.3	12.1	12.2	8.2	6.0	3.8	3.2	1.5	.4			1260	1260	1260	

Element (X)	Σx ²	Σx	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	3285707	57667	45.822	659	1260							
Dry Bulb	5240856	72864	63.411	915	1260			34.1	20.0	10.9	.3	90
Wet Bulb	3435277	64877	51.52	676	1260		.2	4.6	.3			90
Dew Point	2146569	49431	39.21	2.033	1260		29.0	.6				90

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93778 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	.2	.3	.4	.4	.3	.2																19	19			
80/ 79							.1	.2	.2	.3	.4	.4	.3	.3	.2																	23	23			
78/ 77				.1			.1	.1	.3	.3	.5	.5	.2	.2																		27	27			
76/ 75				.1	.1	.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	.9	.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	39	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)	Zx²	Zx	X̄	sₓ	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) REVISÉ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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 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.D.	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					.3	.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	.5	.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	.6	.6	1.0	.9	.5	.3	.3	.2	.1								55	55	41	25														
60/ 59	.2	1.2	.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	.8	1.5	.9	1.4	1.2	.5	!										84	84	70	38														
52/ 51	.2	1.2	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														
Σx'																																			
Σx																																			
\bar{x}																																			
s _x																																			
No. Obs.																																			
																		Mean No. of Hours with Temperature																	
																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAF ETAC FORM 10-64 (26-5 10L A) REWARD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF 57-70 YEARS MAY MONTH 1

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																
80/ 79																																	1	1			
78/ 77											.1	.1																					3	3			
76/ 75										.1																							1	1			
74/ 73				.2	.2	.2	.3	.3																									17	17			
72/ 71		.4	.6	.5	.5	.5	.1	.1																									33	33	1		
70/ 69		.8	.6	.8	.4	.2		.1	.1																								37	37	10	5	
68/ 67	.4	1.9	1.8	.3	.2	.4	.1																										67	67	37	17	
66/ 65	.3	2.9	1.7	.4	.5	.2	.2	.1																									81	81	55	42	
64/ 63	.7	3.4	1.9	.8	.5	.2	.2	.1																									100	100	99	74	
62/ 61	.6	4.3	1.8	1.2	.5	.3	.2	.1																									119	119	95	73	
60/ 59	.7	3.2	1.8	1.2	.8	.5	.4	.1																									112	112	94	91	
58/ 57	.5	3.4	2.1	1.6	.3	.4	.2	.1																									110	110	87	73	
56/ 55	.5	3.7	2.0	1.1	.5	.1		.1																									103	103	113	88	
54/ 53	.1	3.5	1.6	.5	.2	.2																											78	78	103	93	
52/ 51	.2	4.2	1.6	.8	.5	.1	.1																										97	97	118	107	
50/ 49	.2	4.1	1.2	.7	.4	.4																											90	90	98	93	
48/ 47	.4	2.9	.8	.9	.3																												70	70	101	100	
46/ 45	.1	2.5	.5	.3																													44	44	72	90	
44/ 43	.4	1.5	.6	.6	.1																												43	43	64	75	
42/ 41	.3	2.1	.5	.2																													41	41	49	50	
40/ 39	.2	1.5	.5	.1																													28	28	43	62	
38/ 37	.1	.5	.2																														10	10	31	41	
36/ 35	.2	.2	.3																														9	9	14	39	
34/ 33	.2																																2	2	10	24	
32/ 31	.1																																1	1	3	16	
30/ 29	.1	.1																															2	2	2	16	
28/ 27																																				6	
26/ 25																																				7	
24/ 23																																				2	
22/ 21																																				2	
20/ 19																																				1	
TOTAL	6.0	47.2	22.5	12.0	5.9	3.8	1.7	.8	.2	.1																								1299	1299	1299	
																																		1299		1299	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	8257902	105688	81.4	4.126	1299	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	4229636	73260	56.4	8.688	1299		.2	11.4	1.6			93																									
Wet Bulb	3757824	69028	53.1	8.314	1299		.6	3.4				93																									
Dew Point	3410220	65398	50.3	9.525	1299		3.6	1.6				93																									

USAFETAC FORM 0-26-5 (OL A) 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 STATION EORT BELVOIR VA/DAVISIN AAF 57-70 YEARS

MAY
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
76/ 75								.1										1	1	
74/ 73								.1	.2									3	3	
72/ 71		.1	.1			.2	.1			.2								8	8	
70/ 69		.6	.7	.9	.4	.2												26	36	2
68/ 67	.1	1.4	.8	.4		.1		.1										37	37	12
66/ 65	.4	3.8	1.0	.3	.2	.1												75	75	51
64/ 63	.8	3.9	1.2	.7	.2	.1	.1											90	90	94
62/ 61	.4	2.9	1.3	1.0	.3	.2	.1											80	80	64
60/ 59	1.0	4.5	1.4	1.0	.2	.4												110	110	93
58/ 57	.8	4.3	1.7	.9	1.0	.2	.1											117	117	86
56/ 55	.7	4.0	2.2	.8	.4	.2												108	108	99
54/ 53	.6	5.5	1.2	.5	.3	.2												108	108	116
52/ 51	.2	4.7	1.9	1.0	.1	.2												105	105	116
50/ 49	.2	2.9	1.6	.5	.2													70	70	100
48/ 47	.8	3.6	.8	.9	.1	.2												82	82	94
46/ 45	.2	2.5	.8	.8	.3													74	74	81
44/ 43	.2	2.7	.4	.3	.1													47	47	73
42/ 41	.5	2.2	.2	.7	.2													50	50	62
40/ 39	.2	2.1	.4	.1	.1													37	37	57
38/ 37	.2	1.7	.1															25	25	30
36/ 35		1.2	.2															17	17	31
34/ 33	.2	.2	.2	.1														10	10	12
32/ 31	.2	.2																5	5	10
30/ 29	.2	.1																4	4	6
28/ 27																				1
26/ 25																				
24/ 23																				
20/ 19																				
TOTAL	7.9	56.3	18.0	10.9	4.2	2.1	.2	.2		.2								1299	1299	1299
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel Hum.	9433552	109498	84.3	12.521	1299	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	95								
Dry Bulb	3908681	70335	54.1	8.793	1299		.6	6.1	.3			93								
Wet Bulb	3548227	66963	51.5	8.613	1299		1.2	1.0				93								
Dew Point	3266728	63930	49.2	9.632	1299		4.9	.5				93								

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/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											17	17						
74/ 73			.6	.4	.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	1.0	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	.3											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)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\geq 80 F$	$\geq 93 F$	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

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. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wet Bulb
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								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	.8	.8	.5	.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)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature										
Ref. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

MAY
MONTH

STATION

STATION NAME

YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
96/95													.2					2	2				
94/93											.2	.1	.1					5	5				
92/91								.2	.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	19		
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	.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	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR CENTER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9378 STATION FORT BELVOIR VA/DAVISON CAP STATION NAME 67-70 YEARS MAY MONTH 1 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
98/ 97														.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	.8	.2	.1																		55	55		
84/ 83							.2	.7	.9	.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			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	3
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	.5	.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)	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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/AVISON AAF 97-70 DAY MONTH
 STATION STATION NAME YEARS

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												.2																						1	1							
88/ 87												.2	.1																					4	4							
86/ 85								.1	.1	.2	.2	.2																						13	13							
84/ 83						.1	.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																							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	1.5	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																								98	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	115					
54/ 53	.2	.5	.4	.5	.5	.4	.2	.2																										38	38	104	92					
52/ 51		.9	.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 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																					
Dry Bulb																																										
Wet Bulb																																										
Dew Point																																										

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

HAY
 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	2.5	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	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EORT BELVOIR VA/DAVISON AAF 57-70

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
80 / 79			.2	.3		.2	.2											11	11							
78 / 77			.2	.6	.4	.2	.2	.1										21	21							
76 / 75		.6	1.3	1.3	.6	.2	.2											54	54	4	3					
74 / 73		1.7	2.9	1.4	.6	.4	.3											94	94	24	6					
72 / 71	.1	2.8	2.8	1.0	1.2	.2												101	101	60	36					
70 / 69	.3	6.6	2.1	1.6	.6	.1												142	142	113	73					
68 / 67	.8	6.3	3.0	1.5	.6		.1											155	155	171	149					
66 / 65	.7	4.9	2.2	1.0	.5	.1	.1											119	119	123	145					
64 / 63	.2	4.7	1.6	.6	.2	.3												95	95	141	92					
62 / 61	.6	3.5	1.0	.6	.5	.1												78	78	124	147					
60 / 59	.7	5.0	1.1	.8	.3													108	108	89	107					
58 / 57	.6	4.0	1.4	.2	.2													91	91	102	108					
56 / 55	.5	4.5	1.0	.2	.1													79	79	99	102					
54 / 53		2.3	.2	.3	.1													37	37	84	86					
52 / 51	.2	1.7	.6	.1														33	33	44	68					
50 / 49	.3	1.1	.1	.1														20	20	39	55					
48 / 47		.6	.1															8	8	19	29					
46 / 45	.1	.6	.1															9	9	10	25					
44 / 43	.1	.2																4	4	9	18					
42 / 41		.1																1	1	3	7					
40 / 39																					4					
TOTAL	5.9	2.6	2.1	1.6	5.9	1.7	1.0	.1																		
																		1260		1260						

Element (X)	Σx²	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.	9351489	107781	85.5	0.233	1260	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5223641	81387	64.6	7.274	1260			41.3	12.9	.6		90
Wet Bulb	4858881	77767	61.7	6.735	1260			26.6	2.0			90
Dew Point	4593712	75552	60.0	7.100	1260			19.1	.6			90

USAF/ETAC FORM 0-26-5 (OL A) JUL 54 REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3
 DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EORT BELVOIR VA/DAVISON AAF STATION NAME

57-70 YEARS

MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
80/ 79			.1	.1													2	2		
78/ 77		.1		.2													4	4		
76/ 75		.2	1.0	.4	.1												21	21	2	
74/ 73		.7	2.1	1.3	.2												55	55	7	2
72/ 71		2.5	2.1	.6	.5	.2	.2										77	77	39	19
70/ 69	.6	4.8	2.8	.8	.4	.2	.1										121	121	80	50
68/ 67	.6	7.3	2.7	1.0	.6	.2											157	157	123	117
66/ 65	.8	6.4	1.9	1.3	.3	.1											136	136	144	124
64/ 63	.9	5.6	1.7	.4	.1												109	109	139	131
62/ 61	.4	4.6	1.3	.6	.6	.2											98	98	131	120
60/ 59	.6	5.2	.6	.6	.7												95	95	102	107
58/ 57	1.2	4.4	.6	.2													80	80	98	121
56/ 55	.8	5.8	.6	.2													94	94	93	83
54/ 53	.9	4.4	.9	.6													84	84	107	105
52/ 51	.2	2.9	.4	.1													44	44	59	81
50/ 49	.2	2.2	.2	.2													35	35	56	66
48/ 47	.2	1.5	.1														22	22	39	48
46/ 45		.1															5	5	17	49
44/ 43		1.0															12	12	8	11
42/ 41	.2	.5															8	8	14	11
40/ 39		.1															1	1	2	11
38/ 37																				4
TOTAL	7.3	60.4	19.0	8.4	3.6	1.0	.3										1260	1260	1260	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	9761318	110286	87.5	9.268	1260	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90
Dry Bulb	4974342	78618	62.4	7.400	1260			31.2	5.9			90
Wet Bulb	4601459	75629	60.0	7.016	1260			17.9	.6			90
Dew Point	4378474	73698	58.5	7.340	1260			13.4	.1			90

3
 DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF 47-70 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
88/ 87							.1											1	1			
86/ 85						.5	.1	.1										3	8			
84/ 83					.2	.5	.1	.1										11	3			
82/ 81				.2	.5	.1	.1											11	11			
80/ 79			.2	.6	.6	.2	.1											22	22			
78/ 77			.8	2.1	.8	.2												50	50	3		
76/ 75		.6	1.3	2.1	.7	.4	.1											65	65	17	2	
74/ 73		1.1	2.7	2.5	1.3	.2	.1	.1										100	100	35	13	
72/ 71		2.3	3.3	2.3	1.7	.5	.1											128	128	84	42	
70/ 69	.2	3.1	2.8	2.7	1.9	.7	.1											153	153	122	94	
68/ 67	.4	3.9	3.3	2.0	1.7	.6	.2											152	152	131	121	
66/ 65	.2	2.9	3.2	2.6	.9	.6												130	130	136	130	
64/ 63	.3	3.1	1.8	1.3	.7	.2	.1											96	96	139	130	
62/ 61	.2	3.6	1.9	1.6	.1	.2	.1											97	97	143	113	
60/ 59	.2	2.8	1.9	.6	.6	.3	.1											80	80	125	122	
58/ 57	.2	1.9	1.7	.2	.2	.1												54	54	92	117	
56/ 55	.1	2.2	.7	.3	.3													46	46	89	99	
54/ 53	.2	1.4	.6	.2														30	30	58	80	
52/ 51		.7	.2	.2														14	14	33	74	
50/ 49		.7	.2	.1														12	12	29	46	
48/ 47		.1																1	1	13	29	
46/ 45		.3	.1															5	5	6	16	
44/ 43	.1	.1																2	2	3	12	
42/ 41																				2	11	
40/ 39																					9	
TOTAL	2.13	1.42	6.72	1.71	2.14	4.8	.9	.2	.1										1260		1260	
																			1260		1260	

Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	8236724	100866	80.1	1.349	1260	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5682033	84139	66.8	7.101	1260			49.5	18.6	2.4		90
Wet Bulb	5002204	78968	62.7	6.490	1260			28.0	3.9			90
Dew Point	4626189	75815	60.2	7.149	1260			19.4	1.1			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
98/ 97										.1								1	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	10			
74/ 73		.2	1.8	1.0	2.0	1.7	2.2	1.7	.4	.2								142	142	120	25			
72/ 71		.4	.6	.6	1.9	2.2	1.4	1.0	.2	.1								107	107	152	98			
70/ 69	.1	.6	1.2	1.1	1.9	1.3	1.8	.3	.2									108	108	144	125			
68/ 67		.5	.6	.8	1.1	.8	.6	.3										60	60	128	132			
66/ 65		.3	.6	.5	.3	.6	.6	.2	.1									41	41	115	122			
64/ 63		1.1	.3	.6	.8	.1	.6	.1										44	44	123	90			
62/ 61		.4	.1	.4	.3	.3	.1											20	20	133	107			
60/ 59		.1	.5	.4	.1	.2												15	15	84	110			
58/ 57		.2	.3	.2	.1	.1												11	11	61	82			
56/ 55			.1		.1													2	2	47	88			
54/ 53																				23	64			
52/ 51																				16	55			
50/ 49																				6	58			
48/ 47																					34			
46/ 45																					21			
44/ 43																					16			
42/ 41																					9			
40/ 39																					12			
38/ 37																					1			
36/ 35																					1			
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				

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

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5091181	78267	62.1	13.501	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

9378 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
100/ 99										.2		.1						3	3						
98/ 97										.2	.2							5	5						
96/ 95								.1	.2	.7	.6	.3	.2					15	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	.6	.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	.9	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	109				
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'	Σx	̄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) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92728 STATION FORT BELVOIR V4/DAVISON AAF STATION NAME 57-70 YEARS JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point																
TOTAL		2.8	3.3	4.2	7.1	11.7	18.9	16.1	17.9	10.9	6.0	1.1	.2	.1				1260	1260	1260																
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	3819042	67076	53.204	0.42	1260	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	8179758	101048	80.2	7.771	1260			85.4	75.3	90.6	3.9	90																								
Wet Bulb	5831762	85330	67.7	6.423	1260			53.5	25.2	1.0		90																								
Dew Point	4744892	76564	60.8	8.570	1260			28.6	4.2			90																								

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

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

92728 STATION FORT BELVOIR VA / AVISON AAF STATION NAME 57-70 YEARS JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
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	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	2															
78/ 77	.1	.2	1.0	.4	1.0	1.4	1.3	2.2	1.7	1.3	.1							134	134	59	3															
76/ 75		.5	.6	.5	.3	1.3	1.7	1.4	.5	.2	.1							90	90	116	15															
74/ 73		.2	.5	.4	1.0	.1	.6	.6	.8	.2								55	55	149	34															
72/ 71		.6	1.0	.3	.6	.2	.3	.4	.2	.2								47	47	143	93															
70/ 69	.1	.8	.6	.6	.2	.9	.6	.6	.1									59	59	149	119															
68/ 67	.2	.6	.2	.1	.5	.2	.2	.2	.2									30	30	135	137															
66/ 65	.1	.6	.2	.2	.2	.2	.2											19	19	114	114															
64/ 63		.2	.3	.2	.2		.2											15	15	105	105															
62/ 61	.1	.4	.1															7	7	86	97															
60/ 59		.2	.2		.1													7	7	81	92															
58/ 57		.2	.5															9	9	58	72															
56/ 55		.1																1	1	23	81															
54/ 53																				10	65															
52/ 51																				4	65															
50/ 49																				3	49															
48/ 47																					35															
46/ 45																					31															
44/ 43																					21															
42/ 41																					16															
40/ 39																					4															
38/ 37																					5															
36/ 35																					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 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EDRT DELVUIR VA/DAVISON AAF 57-70 JUN
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
TOTAL	.4	3.9	4.5	4.4	6.3	9.7	14.4	17.5	16.6	12.3	7.3	2.1	.6	.2				1260	1260	1260	1260	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	3892279	67177	83.315	7.10	1260	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb	8267992	101596	80.6	7.776	1260			85.9	76.1	52.4	3.6	90										
Wet Bulb	5876162	85694	68.0	6.175	1260			55.4	24.9	.9		90										
Dew Point	4774968	76826	61.0	6.465	1260			28.8	3.9			90										

USAF ETAC 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

9378 FORT BELVOIR VA/DAVISON AAF
STATION STATION NAME

97-70
YEARS

JUN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
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			
78/77			.6	1.8	1.6	1.9	1.7	.5	.6	.4	.4																			119	119	42			
76/75		.8	2.4	2.2	1.7	1.1	1.6	1.2	.5	.4	.1																			150	150	70			
74/73		.7	1.4	.9	1.1	1.5	1.3	.8	.2																					100	100	123			
72/71	.1	1.7	2.0	1.0	1.5	1.0	1.1	.5	.1	.2																				114	114	168			
70/69	.2	1.4	2.1	2.1	1.2	1.8	.2	.4	.2																					121	121	156			
68/67		1.0	1.1	.9	.9	.6	.6	.2	.2																					68	68	142			
66/65	.3	1.0	1.3	.8	.4	.2	.2	.1																						55	55	132			
64/62		.4	.7	.6	.6	.2																								31	31	111			
62/61		.6	.3	.4	.2		.1																							20	20	109			
60/59		.3	.5	.2																										15	15	89			
58/57		.2	.2																											4	4	41			
56/55		.4	.2		.1																									8	8	40			
54/53			.2																											3	3	15			
52/51																															3	3	51		
50/49			.1																											1	1	4			
48/47																															1	1	24		
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	
Element (X)	Σx ²		Σx		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	5799931		83273		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																		

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93726 FORT BELVOIR V4/DAVISON AAF

57-70

JUN

STATION

STATION NAME

FLANS

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																
88/ 87						.1																											1	1			
86/ 85						.1																											1	1			
84/ 83				.2	.1	.1			.1																								6	6			
82/ 81			.2	.3	.7	.4	.1		.1																								23	23			
80/ 79		.2	.5	.9	.7	.4	.1	.3	.1																								39	39	1		
78/ 77		.2	1.2	1.6	1.5	.8	.3	.2																									74	74	10	2	
76/ 75		1.0	2.7	2.5	1.1	.4	.3		.1																								105	103	17	10	
74/ 73		2.1	3.2	1.8	1.7	.6	.2																										122	122	64	27	
72/ 71	.2	4.0	2.9	1.2	.8	.5		.1																									121	121	121	66	
70/ 69	.6	5.0	3.5	1.8	1.3	.6	.1																										161	161	155	125	
68/ 67	.2	3.9	3.1	1.3	1.1	.4	.1																										127	127	149	166	
66/ 65	.6	3.7	2.9	.7	.8	.4	.2																										118	118	154	133	
64/ 63	.6	2.5	2.1	1.2	.6	.1																											89	89	124	115	
62/ 61	.5	2.9	1.9	.6	.3	.1																											79	79	113	125	
60/ 59	.1	3.3	2.0	.6	.1	.1																											78	78	98	98	
58/ 57		1.8	1.5	.4	.1																												48	48	84	103	
56/ 55		1.7	.7	.4																													36	36	73	85	
54/ 53		1.1	.2	.1																													18	18	55	70	
52/ 51		.6	.1																														8	8	17	64	
50/ 49		.2	.1																														3	3	16	31	
48/ 47		.4																															3	3	3	20	
46/ 45																																		6	6	9	
44/ 43																																				8	
42/ 41																																				3	
TOTAL	2.7	34.5	28.8	15.7	11.0	4.9	1.4	.6	.3																									1260	1260	1260	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	8492000	102418	81.3	1.553	1260	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																										
Dry Bulb	5924225	85953	68.2	6.949	1260				55.6	26.4	3.4																									90	
Wet Bulb	5251619	80959	64.3	6.285	1260				36.9	12.6																										90	
Dew Point	4899182	78090	62.0	6.872	1260				28.3	2.8																										90	

USAF ETAC FORM 34 JUL 54 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

III

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point					
90/ 89					.1																1	1			
88/ 87					.2																	2	2		
84/ 83							.1															1	1		
82/ 81			.1	.3		.2																7	7	2	
80/ 79			.2	.8	.8	.2	.2															28	28	1	
78/ 77		.2	.8	1.2	1.5	.2				.1												52	52	3	3
76/ 75		3.2	2.7	1.3	1.0	.3	.1	.1	.1													113	113	15	5
74/ 73	.3	6.8	4.3	1.5	.3	.2	.1															178	178	87	60
72/ 71	1.1	7.8	3.9	1.6	.7	.2	.2	.1	.2													203	203	203	127
70/ 69	1.8	6.6	4.6	1.3	.8	.2	.1															200	200	210	197
68/ 67	.9	5.5	5.0	.8	.2	.1	.1	.1														163	163	187	186
66/ 65	1.0	3.9	3.5	.7	.2	.2	.1															123	123	169	182
64/ 63	.4	3.2	1.5	.7	.2	.1	.2															81	81	130	142
62/ 61		2.1	.7	.4																		41	41	107	108
60/ 59	.4	2.4	.8	.3																		51	51	61	83
58/ 57		2.1	.7																			36	36	51	64
56/ 55		.7	.4																			14	14	47	65
54/ 53		.3	.1																			5	5	18	29
52/ 51		.1																				1	1	8	20
50/ 49																								1	11
48/ 47																									3
46/ 45																									3
44/ 43																									3
42/ 41																									1
TOTAL	5.9	4.8	2.9	1.0	.9	5.8	1.7	.9	.2	.3												1300	1300	1300	1300

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	9718592	111674	85.8	10.287	1300	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6285072	90114	69.3	5.444	1300			67.8	27.3	1.7		93
Wet Bulb	5755881	86235	66.3	5.228	1300			50.6	7.7	.2		93
Dew Point	5488154	84122	64.7	5.865	1300			41.3	4.9			93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93738 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS JUL 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
88/ 87								.1									1	1		
86/ 85						.2											2	2		
84/ 83				.2	.2	.4		.1									10	10		
82/ 81			.1	.3	.7	.5	.2										22	22		
80/ 79			.7	1.5	1.3	.4	.1										51	51	1	
78/ 77		.5	2.3	2.0	1.4	.3	.2	.1									87	87	2	1
76/ 75		2.2	4.7	2.5	1.7	.5	.1	.1									152	152	41	10
74/ 73	.2	4.3	5.0	3.0	1.5	.7	.2	.2	.1								198	198	114	50
72/ 71	.8	6.1	3.7	2.4	1.3	1.3	.3										205	205	206	144
70/ 69	.7	3.8	4.3	2.4	.7	.5	.4										165	165	214	197
68/ 67	.5	4.6	2.9	.9	.6	.2	.2										129	129	163	186
66/ 65	.5	3.5	2.7	1.1	.5	.2	.1	.1									111	111	173	170
64/ 63	.1	1.8	1.8	.8	.5	.2	.1	.1									68	68	120	134
62/ 61	.2	1.7	.9	.8	.1												47	47	98	113
60/ 59	.2	1.0	.3	.2	.2		.1										25	25	74	80
58/ 57		.5	.3														11	11	35	75
56/ 55		.5	.1	.2													10	10	32	50
54/ 53		.5	.2														8	8	12	32
52/ 51																			14	29
50/ 49																			3	11
48/ 47																				10
46/ 45																				4
44/ 43																				2
40/ 39																				1
38/ 37																				3
TOTAL	3.0	31.0	29.9	18.0	10.6	5.2	1.6	.5	.2									1302	1302	1302

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	8858249	106345	81.7	11.504	1302	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6562836	92158	70.8	5.525	1302			73.0	37.4	4.3		93
Wet Bulb	5845072	86966	66.8	5.278	1302			52.9	11.3			93
Dew Point	5488414	84154	64.6	6.147	1302			42.0	4.4			93

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

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9372H STATION EDPT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS IIII MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																			
98/ 97																																		1	1				
96/ 95																																			4	4			
94/ 93																																			6	6			
92/ 91																																			12	12			
90/ 89																																				36	36		
88/ 87																																				67	67		
86/ 85																																				110	110		
84/ 83																																				127	127		
82/ 81																																				162	162		1
80/ 79																																				201	201		8
78/ 77																																				168	168		73
76/ 75																																				162	162		145
74/ 73																																				92	92		244
72/ 71																																				76	76		211
70/ 69																																				39	39		183
68/ 67																																				21	21		142
66/ 65																																				14	14		109
64/ 63																																				3	3		88
62/ 61																																				1	1		49
60/ 59																																						25	
58/ 57																																						9	
56/ 55																																					6		
54/ 53																																						2	
52/ 51																																					2		
50/ 49																																							
48/ 47																																							
46/ 45																																							
44/ 43																																							
42/ 41																																							
40/ 39																																							
38/ 37																																							
36/ 35																																							
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
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																												
Rel. Hum.	5667443	83987	64.583	2.855	1302	≤ 0 F	≤ 32 F	< 67 F	≥ 73 F	≥ 80 F	≥ 93 F																												
Dry Bulb	8216027	103175	79.2	5.580	1302			91.7	82.0	45.0		93																											
Wet Bulb	6439883	91355	70.2	4.773	1302			72.4	34.1	.1		93																											
Dew Point	5655866	85390	65.6	6.541	1302			49.1	9.4	.1		93																											

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION EORT BELVOIR VA/DAVISON AAF 57-70 YEARS MONTH JULI

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																		3	3		
98/ 97										.1	.5	.2						9	9		
96/ 95										.5	.6	.1	.1					16	16		
94/ 93										.1	.9	.8	.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		
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)	Zx ²	Zx	X	s _x	No. Obs.	Mean No. of Hours with Temperature					Total										
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									

USAFETAC FORM 34 JUL 64 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 EGBT BELVOIR VA/DAVISON AAF
STATION STATION NAME

57-74
YEARS

YEARS

III
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																					
100/ 99																																			5	5					
98/ 97																																			4	4					
96/ 95																																			14	14					
94/ 93																																			39	39					
92/ 91																																			79	79					
90/ 89																																			130	130					
88/ 87																																			160	160					
86/ 85																																			182	182					
84/ 83																																			150	150					
82/ 81																																			146	146	3				
80/ 79																																			123	123	48	1			
78/ 77																																			83	83	95	12			
76/ 75																																			75	75	177	43			
74/ 73																																			51	51	243	93			
72/ 71																																			32	32	193	146			
70/ 69																																			16	16	182	184			
68/ 67																																			5	5	130	152			
66/ 65																																			5	5	112	151			
64/ 63																																			3	3	60	118			
62/ 61																																				3	3	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																																							1302	1302	1302
Element (X)	Σx ²		Σx		Σ		Σx		No. Obs.		Mean No. of Hours with Temperature						Total																								
Rel. Hum.	4418098		72874		56.0		16.148		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	6613424		92598		71.1		4.631		1302						76.5		60.4		1.0				93																		
Dew Point	5553504		84528		64.9		7.112		1302						45.1		10.6						93																		

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

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS JULI MONTH

PAGE 1 1900-2000 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									.2		.1							1	1						
94/ 93									.3		.2							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	1.3	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	1302				
Element (X)	Σx²	Σx	̄x	σx	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	6364320	88790	68.1	5.721	1302	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	8061864	102194	79.5	5.590	1302			91.6	79.6	41.2	.2	93													
Wet Bulb	6480697	91657	70.4	4.665	1302			73.0	34.6	.6		93													
Dew Point	5780104	86336	66.3	6.510	1302			52.1	14.3			93													

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

3

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EORT BELVOIR VA/DAVISON AAF

67-70

JUL

STATION STATION NAME YEARS

YEARS

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

USAF ETAC FORM 84 0-26-5 (OL 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
80/ 87					.1		.1										2	2	
86/ 85				.1	.2	.1											4	4	
84/ 83				.2	.4	.3											20	20	
82/ 81			.3	1.0	.3	.6	.1		.1								31	31	
80/ 79		.3	1.1	1.7	1.2	1.1	.3		.2								76	76	3
78/ 77		.8	3.1	1.7	2.2	.7	.1										112	112	17
76/ 75		.8	4.6	5.1	2.0	1.7	.8	.2	.2								191	191	61
74/ 73	.5	5.5	6.1	2.1	1.0	.8	.2	.2	.2								212	212	174
72/ 71	1.0	6.7	3.9	1.8	1.4	.2	.2	.1									199	199	218
70/ 69	.6	3.7	5.0	1.9	1.2	.3	.3										170	170	220
68/ 67	.3	3.2	2.6	1.2	.4	.4											106	106	184
66/ 65	.3	1.9	2.2	1.2	.5	.2											75	75	130
64/ 63		1.2	1.3	.7	.1	.1											43	43	99
62/ 61	.2	1.4	.8	.3													34	34	78
60/ 59	.2	.7	.2	.3													18	18	62
58/ 57	.1	.2	.1														6	6	36
56/ 55		.2	.1														3	3	14
54/ 53																			5
52/ 51																			1
50/ 49																			
48/ 47																			3
TOTAL		3.130	.031	.716	.110	.558	1.8	.5	.1	.2							1302	1302	1302
																	1302		1302

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.	8910364	106680	81.9	1.413	1302	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6812777	93929	72.1	5.194	1302			80.2	46.3	6.2		93
Wet Bulb	6073458	88694	68.1	4.920	1302			62.6	18.2	.1		93
Dew Point	5724499	86099	66.1	2.736	1302			49.7	10.6			93

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93778 STATION FMRT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	>31	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.1														1	1		
82/ 81			.1	.2														3	3		
80/ 79			.4	.5	.3	.1												17	17		
78/ 77		.3	1.8	1.8	.5	.2												60	60	3	
76/ 75		2.2	3.4	2.2	.6	.1												110	110	15	12
74/ 73	.4	5.1	2.8	2.0	.7	.1	.2	.2										149	149	78	40
72/ 71	2.2	5.6	4.5	1.1	.5	.2												182	182	191	145
70/ 69	1.2	6.4	3.5	1.7	.2	.3	.1											175	175	201	167
68/ 67	1.9	4.8	3.8	1.2	.5	.4												165	165	175	186
66/ 65	1.2	4.8	1.7	.8	.8	.2												122	122	145	176
64/ 63	1.2	3.4	1.3	.5	.2	.1												86	86	129	115
62/ 61	.4	2.4	.8	.2	.2													52	52	92	114
60/ 59	1.2	2.5	1.1	.4		.1												68	68	87	78
58/ 57	.5	2.3	.5	.2		.2												48	48	70	72
56/ 55	.6	1.2	.8	.2														38	38	46	73
54/ 53	.1	.8	.5															18	18	32	48
52/ 51		.3																4	4	24	26
50/ 49		.1																1	1	10	23
48/ 47		.2																2	2	2	17
46/ 45																				1	6
42/ 41																					2
40/ 39																					1
TOTAL	10.9	2.4	27.0	13.0	4.5	1.7	.3	.2										1301	1301	1301	1301
Element (X)	Zx ²	Zx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature															
Rel Hum	9960801	113079	86.9	10.088	1301	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	6108589	80795	68.3	6.089	1301			61.6	24.3	.7		93									
Wet Bulb	5629593	85239	65.5	5.876	1301			47.4	6.9			93									
Dew Point	5386094	83290	64.0	6.437	1301			39.3	3.7			93									

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVIEUR VA/DAVISON AAF STATION NAME 57-70 YEARS AUG MONTH PAGE 1 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
78/ 77		.2	.6	.5	.2													19	19						
76/ 75	.1	1.2	2.0	.6	.3													54	64	6	6				
74/ 73	.4	3.6	3.5	1.5	.1	.1												120	120	43	26				
72/ 71	1.5	6.3	3.5	.0	.2	.2	.2											166	166	144	98				
70/ 69	2.4	7.8	3.5	1.1	.5	.1	.2											201	201	173	159				
68/ 67	1.9	5.7	3.3	.8	.3	.2	.1											159	159	183	175				
66/ 65	1.7	5.6	2.7	.8	.7													150	150	156	173				
64/ 63	1.2	4.2	.9	.8	.2													96	96	144	119				
62/ 61	.7	4.1	1.5	.3	.2	.1												88	88	106	121				
60/ 59	1.1	2.3	1.2	.3	.2													66	66	90	95				
58/ 57	.8	1.9	1.1	.2														52	52	78	76				
56/ 55	1.2	1.9	.6	.5	.1													56	56	59	80				
54/ 53	.6	1.8	.4	.2	.2													40	40	55	57				
52/ 51	.2	.6	.3															14	14	31	41				
50/ 49		.3	.1															5	5	19	38				
48/ 47		.1																1	1	8	14				
46/ 45		.2																3	3	4	14				
44/ 43																				1	5				
40/ 39																					1				
38/ 37																					2				
TOTAL	13.8	47.8	26.0	8.4	3.1	.5	.4											1300	1300	1300	1300				
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel Hum.	10329520	115236	88.6	9.394	1300	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total										93			
Dry Bulb	5787651	86369	66.4	6.172	1300			52.2	14.5													93			
Wet Bulb	5400177	83403	64.2	6.164	1300			39.3	3.5													93			
Dew Point	5191220	81684	62.8	6.722	1300			33.2	2.3													93			

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

JUL 64

USAETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF

57-70

AUG
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point				
86/ 85							.1													1	1			
84/ 83				.1	.1	.1														3	3			
82/ 81			.2	.2	.2	.1														7	7			
80/ 79			.5	.7	.4	.5	.1													28	28			
78/ 77		.2	1.8	1.6	.7	.2	.1													60	60	4		
76/ 75		2.3	4.5	1.5	.9	.2	.2													123	123	27	9	
74/ 73	.2	5.0	4.5	2.5	.9	.2	.2													177	177	93	41	
72/ 71	1.0	4.2	3.2	1.7	.6	.6														147	147	178	150	
70/ 69	1.6	5.8	3.5	2.8	.8	.3	.2	.2												197	197	174	167	
68/ 67	1.2	5.3	3.5	1.2	1.0	.5	.2													168	168	176	157	
66/ 65	.9	3.3	2.4	1.5	.8	.8														127	127	141	155	
64/ 63	.5	2.8	1.2	.5	.5	.2														71	71	148	126	
62/ 61	.3	2.8	.8	.5	.2	.1														59	59	94	112	
60/ 59	.5	1.9	.8	.5	.2															52	52	82	101	
58/ 57	.2	1.2	.6	.1																27	27	70	72	
56/ 55	.4	1.3	.5	.1	.1															31	31	52	63	
54/ 53	.2	.5	.2		.1															13	13	30	46	
52/ 51	.2	.1	.1																	5	5	18	38	
50/ 49		.2	.1																	4	4	5	28	
48/ 47																						7	22	
46/ 45		.1																		1	1	1	7	
44/ 43																						1	2	
42/ 41																							2	
40/ 39																							1	
TOTAL	7.1	37.1	28.1	15.4	7.5	3.7	.9	.2												1301	1301	1301	1301	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	9361014	109374	84.1	11.301	1301	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	6224648	89646	68.9	6.047	1301			65.1	28.5	1.7		93												
Wet Bulb	5636472	85288	65.6	5.906	1301			46.6	8.9			93												
Dew Point	5330640	82820	63.7	6.703	1301			37.5	3.6			93												

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

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
94/ 93								.1	.2																							3	3		
92/ 91								.2	.3																							8	8		
90/ 89							.2	.9	.5	.1	.1																					24	24		
88/ 87							.1	.7	1.3	.8	.5	.1	.2																			48	48		
86/ 85							.8	2.2	1.3	1.1	1.0	.2																				86	86		
84/ 83						.5	2.4	2.0	1.6	1.4	.6	.2	.1																			114	114		
82/ 81		.1	.2	2.1	2.8	1.8	1.9	1.1	.8	.2	.1	.1																				142	142	1	
80/ 79			1.2	3.7	2.5	2.2	2.5	.9	.5	.2																						177	177	11	
78/ 77		.5	2.6	2.4	3.0	1.5	2.2	1.0	.4	.1	.1																					180	180	60	
76/ 75		.5	2.0	2.8	2.1	2.0	2.2	1.0	.3																							168	168	146	
74/ 73	.2	.8	1.9	1.8	2.1	1.2	1.4	.8	.3																							137	137	204	
72/ 71		.8	1.1	1.2	1.0	.8	1.2	.8	.1																							93	93	164	
70/ 69		.8	1.0	.8	.4	.8	.8	.4																								65	65	195	
68/ 67	.2	.4	.8	.5	.8	.4	.2																									41	41	150	
66/ 65			.1		.2	.1	.1																									5	5	131	
64/ 63		.4	.1			.1	.1																									8	8	88	
62/ 61						.1																										1	1	66	
60/ 59																																	49	83	
58/ 57					.1																											1	1	27	
56/ 55																																	8	50	
54/ 53																																2	41		
52/ 51																																1	31		
50/ 49																																1	24		
48/ 47																																		11	
46/ 45																																		9	
44/ 43																																		6	
42/ 41																																		1	
TOTAL	.4	4.5	10.9	15.9	18.1	15.9	17.8	10.2	4.8	1.0	.4	.1																				1301	1301	1301	
Element (X)	Σx'		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum	5808321		85094		65.413		6.60		1301		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb	7942245		101459		78.0		5.541		1301				91.9	77.7	36.9	.2	93																		
Wet Bulb	6292099		90223		69.3		5.205		1301				66.6	30.2	.4		93																		
Dew Point	5536827		84393		64.9		6.930		1301				44.4	10.2			93																		

U.S. ETAC FORM NO. 04 0-26-5 (OL A) REUSED 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 AUG
 ST. TION 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		
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	.4	.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																					17		
46/ 45																					6		
44/ 43																					1		
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		
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Ref. Num.	4260020	72208	55.5	3.932	1301	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	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											

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 97-70 AUG
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.	Wet Bulb	Dew Point																							
98/ 97										.1	.3	.2	.2																				1	1									
96/ 95									.4	1.0	.5	.3	.2	.1	.3																			21	21								
94/ 93																																			35	35							
92/ 91								.2	.6	1.2	1.3	.6	.9	.6	.2	.1																		74	74								
90/ 89								.2	1.8	2.5	2.3	2.1	.6																						124	124							
88/ 87							.2	1.3	2.8	2.3	1.8	1.2	.9	.5	.1																				144	144							
86/ 85						.7	2.5	2.2	2.0	2.4	1.5	.5	.4	.2																					160	160							
84/ 83				.3	1.1	1.9	1.3	2.6	2.6	.8	.4																								152	152							
82/ 81		.1	.3	1.0	1.5	3.0	1.7	1.5	1.1	.9	.2	.2																							149	149	4						
80/ 79		.1	.3	1.6	1.7	1.3	1.2	1.6	2.6	1.2	.2																								156	156	32	1					
78/ 77		.2	.2	.6	1.2	1.8	.8	1.0	1.6	.8																									108	108	130	9					
76/ 75		.6	.6	.2	.2	.8	.5	.1	.9	.7																									59	59	163	35					
74/ 73		.6	.8	.7	.6	.3	1.0	.6																											61	61	186	102					
72/ 71	.1	.8	.6	.1	.2	.2	.1	.2																											29	29	205	142					
70/ 69		.2		.2				.2																												9	9	175	147				
68/ 67	.2		.3																																	6	6	134	145				
66/ 65		.5	.1																																	8	8	89	117				
64/ 63	.1	.2																																		4	4	101	133				
62/ 61																																							45	104			
60/ 59																																							26	94			
58/ 57																																							15	64			
56/ 55																																							1	54			
54/ 53																																								45			
52/ 51																																							41				
50/ 49																																							24				
48/ 47																																							15				
46/ 45																																							21				
44/ 43																																							6				
42/ 41																																							1				
TOTAL	.3	3.5	3.5	4.7	7.5	13.3	14.5	15.5	18.4	11.2	4.5	2.0	.7	.4																								1300	1300	1300			
																																									1300		

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4220068	71508	55.014	856	1300	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	901984	107958	83.0	5.993	1300			92.1	89.0	67.8	4.1	93
Wet Bulb	6515480	91800	70.6	5.039	1300			73.2	36.4	.9		93
Dew Point	5438200	83540	64.3	7.329	1300			41.6	10.5	.1		93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS AUG MONTH 1800-2000 HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B	W.B.	Dry Bulb	Wet Bulb	Dew Point																
96/ 95												.1																				1	1					
94/ 93								.2																									2	2				
92/ 91							.2	.1	.2															.1								7	7					
90/ 89						.6	.3	.2	.1	.1	.2	.2																					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	.3	.2	.7	.1																										26	26	113		126	
64/ 63		.3	.7	.3	.2	.4																											24	24	96		112	
62/ 61		.2	.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		
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.	6651903	90955	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	90544	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																										

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION EIGHT BELVOIR VA/DAVISON AAF STATION NAME 37-70 YEARS AUG 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															
88/ 87						.2																										2	2		
84/ 83				.1	.4																											8	8		
82/ 81			.3	.8	1.0	.2																										29	29		
80/ 79		.1	1.2	1.9	1.2	.2	.2				.2	.1																				66	66		
78/ 77		.7	2.8	1.6	1.4	.2	.4				.1																					93	93	13	
76/ 75		3.4	4.5	1.4	1.2	.2	.2	.2																								145	145	55 21	
74/ 73	.2	5.6	4.6	2.4	1.0	.2	.2	.1																								186	186	145 85	
72/ 71	1.5	6.4	5.6	1.5	1.0	.6	.1																									217	217	195 185	
70/ 69	.8	4.1	3.4	1.5	.7	.4	.1	.2																								145	145	224 191	
68/ 67	1.1	3.2	2.8	1.2	.5	.2	.1																									118	118	158 172	
66/ 65	.8	2.5	1.9	1.1	.5	.2																										90	90	128 157	
64/ 63	.2	2.4	1.5	.2	.2	.1																										62	62	100 101	
62/ 61	.5	2.0	1.2	.2	.2	.2																										63	63	103 95	
60/ 59	.1	1.5	.7	.5																												34	34	68 82	
58/ 57	.2	.8	1.2	.2																												30	30	45 71	
56/ 55	.1	.3	.2																													8	8	28 48	
54/ 53		.2	.1																													4	4	30 29	
52/ 51																																	7	7	26
50/ 49		.1																														1	1	2 23	
48/ 47																																			9
46/ 45																																			5
42/ 41																																			1
TOTAL	5.3	33.7	32.0	14.7	9.5	2.8	1.2	.5	.2	.1																							1301	1301	1301

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	9227489	108601	83.5	1.163	1301	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6551472	92006	70.7	5.874	1301			72.1	37.8	4.9		93
Wet Bulb	5903043	87333	67.1	5.587	1301			56.5	15.2			93
Dew Point	5584451	84851	65.2	6.353	1301			46.8	7.6			93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EIRT BELVOIR VA/DAV:SDN OAF

47-70

SEP
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79			.2	.1														3	3					
78/ 77			.2	.6	.1	.2												13	13					
76/ 75	.1	1.3	1.3	.5	.4	.1												46	46	7	2			
74/ 73	.2	2.5	2.0	.3	.3	.2												70	70	28	18			
72/ 71		4.0	1.2	.7	.2	.2												79	79	78	44			
70/ 69	1.9	5.3	.8	1.9	.1	.2	.3	.1										133	133	105	112			
68/ 67	1.2	2.7	2.1	.4	.2	.2												85	85	95	106			
66/ 65	1.3	2.5	1.4	.6	.3													76	76	77	58			
64/ 63	.7	3.1	1.7	.5	.1													77	77	92	70			
62/ 61	1.5	3.0	1.8	.9	.2	.2												96	96	78	102			
60/ 59	1.1	4.4	2.5	.5	.2	.1												110	110	99	78			
58/ 57	.8	4.2	1.9	.4	.5													98	98	107	90			
56/ 55	1.7	3.7	1.7	.8	.5													106	106	121	100			
54/ 53	1.3	2.8	.9	.2	.3	.2												70	70	90	116			
52/ 51	1.6	2.0	1.0	.1	.1	.1												61	61	78	89			
50/ 49	1.0	1.4	.6	.2	.1													41	41	58	61			
48/ 47	.6	1.3	.6	.1	.1													34	34	52	61			
46/ 45	.7	1.7	.5															36	36	42	51			
44/ 43	.2	.7	.2															13	13	28	34			
42/ 41	.1	.2																3	3	14	29			
40/ 39	.2		.1															3	3	3	10			
38/ 37		.2																3	3	1	8			
36/ 35	.2	.2																4	4	7	5			
34/ 33																					6			
32/ 31																					4			
TOTAL	16.3	47.2	22.5	8.5	3.6	1.5	.3	.2											1260		1260	1260		
Element (X)	Z _x ²	Z _x	\bar{X}	s _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	9799154	110264	87.5	10.909	1260	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	4871638	77592	61.6	8.615	1260			30.6	9.4	.2		90												
Wet Bulb	4510714	74638	59.2	8.427	1260			22.4	2.5			90												
Dew Point	4287369	72613	57.6	9.033	1260			.3	20.1	1.4		90												

USAFETAC FORM 04 JUL 64 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS SLP 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																
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	.6	.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																												9	9	12	16		
38/ 37	.1	.1																													2	2	5	21		
36/ 35		.2																													2	2	2	11		
34/ 33																															2	2	2	7		
32/ 31																																			2	
TOTAL	13.3	40.3	24.6	14.0	5.2	2.3	.2																											1260	1260	1260
Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	9323396	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	419777	71641	56.9	9.193	1260			.1	16.9	1.3		90																								

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/MAC

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 D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
90/ 89					.1																2	2			
88/ 87						.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											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	1.5	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	80	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	6.9	10.2	15.7	19.5	19.2	13.2	7.1	4.0	1.3	.2												1260	1260	1260
Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	5685470	82306	65.3	5.667	1260	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	6539678	90230	71.6	7.881	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													

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

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B. W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
96/ 95											.1									1	1	
94/ 93												.1	.2	.1						4	4	
92/ 91										.6	.3	.2	.1	.1						15	15	
90/ 89								.1	1.0	1.1	.6	1.1	.2							52	52	
88/ 87					.1	1.4	2.5	.9	.8	.7	.2	.1								85	85	
86/ 85					.4	1.9	1.7	1.3	1.5	.8	.6	.1								103	103	
84/ 83				.2	.8	1.9	1.2	.9	.6	1.0	.5									89	89	
82/ 81			.1	.3	1.3	.5	1.3	1.3	1.3	1.3	.6	.2								101	101	1
80/ 79			.2	.3	.8	.5	1.7	1.5	1.4	1.4	.3	.1								101	101	6
78/ 77		.2	.2	.6	.3	1.4	1.1	1.6	1.2	1.0	.3	.1								101	101	66
76/ 75		.2	.7	.7	.7	1.4	2.1	1.6	1.7	.5	.2									122	122	97
74/ 73		.2	.6	.6	.9	1.3	1.7	1.4	1.0	.6	.2									106	106	87
72/ 71		.1	.4	.6	.4	.6	.8	.9	.6	.4										59	59	88
70/ 69	.2	.2	.6	.9	.4	1.0	1.4	.6	.4	.4										75	75	95
68/ 67	.2	.9	.3	.1	1.0	.9	1.2	.2	.3	.1										65	65	109
66/ 65	.1	.3	.3	.7	.6	.9	.7	.6	.4											58	58	134
64/ 63	.4	.5	.2	.2	.8	.2	.3	.6												40	40	124
62/ 61	.2	.2	.1	.2	.4	.6	.4													29	29	111
60/ 59	.6	.1	.2	.2	.1	.2	.3													19	19	91
58/ 57	.3	.3	.1	.5			.1	.1												17	17	87
56/ 55	.1	.4	.2																	9	9	61
54/ 53	.2	.2																		6	6	37
52/ 51																						36
50/ 49																						18
48/ 47																						7
46/ 45																						4
44/ 43																						26
42/ 41																						19
40/ 39																						19
38/ 37																						12
36/ 35																						20
34/ 33																						4
32/ 31																						4
30/ 29																						4
Element (X)	Σ x ²		Σ x		Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
TOTAL	1.6	4.3	4.1	5.8	9.0	4.4	19.5	15.8	12.2	9.5	3.3	.6						1259	1259	1259				

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

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≈ 67 F	≈ 73 F	≈ 80 F	≈ 93 F	
Rel. Hum.	4225807	69985	55.6	16.330	1259							
Dry Bulb	7460861	96327	76.5	8.496	1259			77.3	63.1	36.5	.4	90
Wet Bulb	5429960	82156	65.3	7.399	1259			39.2	18.4	.1		90
Dew Point	4412416	73486	58.4	9.894	1259		.6	22.0	4.7			90

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EORT BELVIER VA/DAVISON AAF

87-70

SEP
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
96/ 95							.1											1	1																	
94/ 93								.1										7	7																	
92/ 91								.2	.4	.2	.2	.2						16	16																	
90/ 89							1.3	1.7	1.0	.6	.3	.1						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									56	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)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 97-70 YEARS SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL				
	C	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
92/ 91																																	1	1			
88/ 87												.3																					6	6			
86/ 85							.5	.2	.2	.2	.1	.1																					17	17			
84/ 83					.5	1.0	.3	.4				.2	.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																							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																								104	104	93	66	
70/ 69	.1	1.7	1.8	2.8	.9	.9	.2	.2	.1																								108	108	91	93	
68/ 67	.8	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		.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	5
38/ 37																																				6	6
36/ 35																																				1	1
34/ 33																																				1	1
30/ 29																																				1	1
28/ 27																																				2	2
TOTAL	4.1	19.5	21.7	23.3	14.0	8.5	4.3	2.6	1.1	.4	.4																						1260	1260	1260		
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	7457149	95203	75.6	14.475	1260	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb	6072789	86817	68.9	8.496	1260			55.4	32.1	9.8		90																									
Wet Bulb	5161175	80971	63.5	7.603	1260			33.3	13.0			90																									
Dew Point	4673751	75935	60.3	8.660	1260		.2	25.7	7.1			90																									

USAFETAC FORM 0-26-5 (OLA) REVISION 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

SEP
 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
82/ 81				.1	.1	.1	.2	.1									7	7			
80/ 79		.1	.2	.4	.2	.2											16	16			
78/ 77	.1	.6	1.1	1.3	.1	.1			.1								41	41	2	1	
76/ 75		2.1	2.0	.8	.4	.1	.2		.1								71	71	19	5	
74/ 73	.2	2.9	2.0	.2	.3	.1		.1									72	72	56	40	
72/ 71	.4	4.0	1.9	1.0	.6	.2	.1	.6									105	105	100	74	
70/ 69	.7	3.5	1.6	1.4	.4	.3											100	100	99	89	
68/ 67	.7	2.2	2.6	1.0	.2												85	85	85	100	
66/ 65	.4	3.3	3.0	.2	.1	.1	.1										91	91	71	60	
64/ 63	.8	2.3	3.2	.6	.2	.2	.1										93	93	103	76	
62/ 61	1.0	3.9	2.3	1.0	.2	.1	.2										107	107	103	102	
60/ 59	.8	4.5	2.0	.6	.6	.2											108	108	118	109	
58/ 57	1.0	2.5	1.6	.7	.6	.1											81	81	107	104	
56/ 55	1.3	3.6	1.4	.3	.7	.1											93	93	88	108	
54/ 53	1.6	2.5	.4	.2													58	58	96	87	
52/ 51	.5	2.0	.6	.2													41	41	72	82	
50/ 49	.7	1.3	.8	.2	.1												39	39	50	75	
48/ 47	.6	1.3	.3		.1												29	29	35	35	
46/ 45	.2	.6															11	11	36	36	
44/ 43	.3		.1	.1													6	6	10	33	
42/ 41	.1	.1															2	2	2	23	
40/ 39	.1	.2															3	3	5	8	
38/ 37		.1															1	1	3	6	
36/ 35																				3	
34/ 33																				1	
32/ 31																				2	
30/ 29																				1	
TOTAL	11.3	43.4	26.7	10.2	4.8	1.7	1.0	.7	.1	.1								1260	1260	1260	
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	9374232	107680	85.5	1.683	1260	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5183974	80110	63.6	8.484	1260			35.5	14.8	9		90									
Wet Bulb	4727086	76500	60.7	8.022	1260			25.8	5.5			90									
Dew Point	4460568	74162	58.9	8.708	1260			.2	22.1	3.3		90									

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION EORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																
76/ 75			.1	.1																												2	2			
74/ 73		.1	.2	.1																												6	6	1	1	
72/ 71	.2	.5	.3							.2	.2																					17	17	8	5	
70/ 69		.5	.5	.1																												13	13	10	5	
68/ 67	.1	.8	1.1	.2																												29	29	11	15	
66/ 65	.7	1.2	.8	.4	.3	.1	.1																									47	47	30	26	
64/ 63	.4	1.6	.8	.6	.2	.1	.1																									48	48	44	25	
62/ 61	.3	2.0	.5	.2	.4	.2	.1																									46	46	33	33	
60/ 59	.9	2.7	.5	.7	.9		.1																									75	75	61	50	
58/ 57	.5	2.0	.8	.5	.3	.2	.2	.1																								59	59	53	52	
56/ 55	1.1	3.0	1.1	.6	.2	.1																										78	78	65	57	
54/ 53	.5	2.4	1.4	.8	.4	.1																										86	86	81	63	
52/ 51	.8	4.3	1.5	.7	.7	.2																										107	107	90	69	
50/ 49	.8	4.5	1.1	.7	.5	.2																										100	100	93	85	
48/ 47	.8	3.9	.7	.5	.3	.4																										86	86	103	89	
46/ 45	1.1	3.2	.8	.6	.2	.2																										78	78	98	108	
44/ 43	.8	3.4	.8	.5	.2																											74	74	84	79	
42/ 41	1.3	3.2	1.3	.2	.3																											82	82	80	73	
40/ 39	1.2	3.1	1.4	.1																												74	74	91	85	
38/ 37	.9	2.4	.9	.2																												58	58	70	66	
36/ 35	1.4	2.4	.3	.1	.1																											55	55	74	81	
34/ 33	.7	2.2	.1	.1																												39	39	53	79	
32/ 31	.3	1.4	.2																													24	24	39	42	
30/ 29	.2	.8																														12	12	20	39	
28/ 27	.3	.1																														5	5	13	40	
26/ 25		.2																														2	2	1	6	
24/ 23																																			2	16
22/ 21																																				4
20/ 19																																				4
18/ 17																																				4
16/ 15																																				1
TOTAL	15.25	2.71	6.9	7.9	4.8	1.8	.6	.1																								1302	1302	1302		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	9659380	110728	85.0	3.652	1302	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	3354894	64766	49.7	10.118	1302		3.1	4.8	.6			93																								
Wet Bulb	3050943	51727	47.4	9.782	1302		4.9	2.1	.1			93																								
Dew Point	2799946	58670	45.1	10.744	1302		11.1	1.9	.1			93																								

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/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		4	
72/ 71	.2	.3	.4	.2	.1	.1												16	16	8	8	
70/ 69	.1	.5	.2	.1	.2	.1												13	13	6	8	
68/ 67	.2	.5	.3	.2	.1	.3												20	20	13	16	
66/ 65	.2	1.4	.9															32	32	16	12	
64/ 63	1.1	1.1	.3	.6		.1												41	41	40	35	
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											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	.1													72	72	82	90	
42/ 41	.6	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	2.9	.5	.2														56	56	64	81	
36/ 35	1.7	3.0	.8															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	
Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	9891141	112309	86.3	2.506	1302	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	3167003	62781	48.2	10.365	1302		5.5	3.8	.3			93										
Wet Bulb	2907212	60112	46.2	10.069	1302		8.3	1.9				93										
Dew Point	2677907	57325	44.0	10.879	1302		15.1	1.6				93										

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

93728 EMBT BELVOIR VA/DAVISON AAF 97-70 OCT MONTH
 STATION STATION NAME YEARS

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point															
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																								34	34	21	20	
64/ 63	.8	1.5	.3	.5		.2				.1																					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	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	9578239	110337	84.813	3.027	1301	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb	3275494	63920	49.110	1.191	1301		4.7	3.9		.5		93																							
Wet Bulb	2984740	60942	46.810	1.002	1301		7.1	1.9				93																							
Dew Point	2728426	37840	44.510	0.988	1301		14.6	1.4				93																							

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AFB 97-70 YEARS OCT 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
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							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
74/ 73		.1	.1	.4	.9	.8	1.5	1.5	1.1	.5	.2						92	92	15
72/ 71		.5	.6	.5	.6	1.2	.8	1.1	1.1	.3	.2	.1					89	89	16
70/ 69		.5	.2	.7	.8	1.3	1.2	1.7	1.1	.7							106	106	42
68/ 67		.2	.5	.7	.8	1.4	1.8	.9	1.0	.4							99	99	49
66/ 65		.5	.7	.4	1.0	2.8	1.7	1.3	1.5	.2							131	131	63
64/ 63		1.0	.5	.3	.6	1.0	1.2	1.9	1.2								100	100	82
62/ 61		1.2	.2	.7	.5	.8	2.0	.8	.7								89	89	105
60/ 59	.2	.7		.6	.7	1.5	1.5	1.4	.2								88	88	99
58/ 57	.1	.5	.1	.7	.5	1.7	1.6	1.1									80	80	103
56/ 55	.1	.7	.4	.5	.9	1.3	1.8	.2									78	78	130
54/ 53	.1	.5	.4	.1	.7	1.3	.9	.2	.1								55	55	82
52/ 51	.2	.6	.2	.2	.4	.4	.5	.2									35	35	124
50/ 49	.1	.4	.2	.2	.1	.3	.2										19	19	102
48/ 47	.5		.2	.1	.2	.2											15	15	102
46/ 45			.1	.1	.1	.1											4	4	80
44/ 43				.1		.3											5	5	49
42/ 41						.1											1	1	19
40/ 39																			19
38/ 37																			8
36/ 35																			59
34/ 33																			5
32/ 31																			1
30/ 29																			63
28/ 27																			44
26/ 25																			26
25/ 23																			14
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) 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

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
92/ 91													.1					1	1	
90/ 89													.1	.2				4	4	
88/ 87								.1	.2	.1	.2							8	8	
86/ 85								.1	.1	.1	.2	.2						8	8	
84/ 83								.1	.2	.1	.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
72/ 71		.4	.6	.8	.8	1.5	.9	.9	.8	.8		.2						100	100	20
70/ 69	.1	.7	.5	.9	.6	1.2	1.4	1.4	1.1	.4								101	101	37
68/ 67		.3	.8	.8	1.3	1.2	1.1	.8	1.4	.4								103	103	51
66/ 65	.2	.5	.2	.3	1.0	1.5	1.3	.8	1.5	.1								101	101	83
64/ 63	.1	.7	.2	.7	1.2	1.0	1.5	1.3	1.5	.1								107	107	74
62/ 61	.1	1.1	.5	.5	.7	1.4	1.4	1.3	.6									99	99	99
60/ 59	.1	.8	.2	.5	1.6	.8	1.3	1.0	.2									86	86	115
58/ 57		.4	.6	.7	.7	2.0	1.9	.5										89	89	100
56/ 55	.1	.5	.7	.5	.5	1.2	1.4	.4										66	66	108
54/ 53	.2	.6	.2	.7	.8	.8	1.1	.3	.2									62	62	99
52/ 51		.7	.3	.2	.6	.8	.5	.1										40	40	114
50/ 49	.2	.3	.2	.1	.3	.3	.3											17	17	103
48/ 47	.3	.4	.1	.1	.2	.4												13	13	101
46/ 45			.1	.3	.2		.2											11	11	74
44/ 43				.1		.2												3	3	40
42/ 41						.1												1	1	28
40/ 39																				21
38/ 37																			10	61
36/ 35																			2	38
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									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93726 FORT BELVOIR VA/DAVISON AAF 57-70 5CT
 STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81						.1												1	1		
80/ 79						.2												2	2		
78/ 77		.1	.2	.1	.1													6	6		
76/ 75		.2	.1	.2	.2	.2												10	10	2	1
74/ 73		.3	.5	.5	.1	.3			.1									23	23	6	5
72/ 71	.1	.3	.5	.7	.4	.1	.2	.1	.1									30	30	8	5
70/ 69	.1	.5	1.4	1.2	.5	.2	.2	.1	.1									54	54	22	11
68/ 67		.8	1.6	1.2	.4	.5	.2	.2	.1									64	64	28	15
66/ 65	.2	1.7	1.1	.7	1.1	.4	.2	.2										70	70	45	36
64/ 63	.1	1.9	2.1	1.0	.4	.3	.2											77	77	76	50
62/ 61	.2	1.9	2.1	1.6	1.2	.5	.2	.1										100	100	61	53
60/ 59	.2	1.9	1.6	1.5	1.1	.2	.2	.1										93	93	78	65
58/ 57	.3	2.8	2.6	1.2	1.2	.6	.5											118	118	92	73
56/ 55	.7	2.0	2.0	1.5	1.1	.4	.3											103	103	110	85
54/ 53	.3	2.6	1.9	1.2	.9	.3	.2											97	97	105	77
52/ 51	.2	1.5	2.2	1.4	.8	.5												88	86	107	89
50/ 49	.2	2.2	2.2	1.5	1.0	.4	.2											97	97	82	89
48/ 47	.5	2.4	1.8	.7	.8	.7	.2											88	88	96	87
46/ 45	.5	1.2	1.5	1.3	.3	.2												64	64	119	97
44/ 43		2.1	.9	.5	.2	.1												48	48	73	76
42/ 41	.2	.7	.9	.3	.2													29	29	71	68
40/ 39		.6	.5	.1	.2													18	18	50	88
38/ 37		.5	.3	.1	.1													12	12	34	45
36/ 35			.4		.1													6	6	19	50
34/ 33		.1	.1															2	2	9	36
32/ 31		.1	.1															2	2	5	31
30/ 29																				4	26
28/ 27																					16
26/ 25																					4
24/ 23																					6
22/ 21																					4
20/ 19																					9
18/ 17																					1
16/ 15																					1
Element (X)	Z _x ¹	Z _x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb
14/ 13																				3
TOTAL	3.5	28.3	28.6	18.3	11.9	6.0	2.5	.6	.2	.1								1302		1302

Element (X)	Σx ²	Σx	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	7747627	98393	75.6	15.471	1302						
Dry Bulb	4248105	73465	56.4	8.891	1302			.1	13.6	3.0	
Wet Bulb	3643495	67917	52.2	8.797	1302			.6	4.7	.6	
Dew Point	3181883	62829	48.3	10.738	1302			7.2	2.6	.4	

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

93728 FORT BELVOIR VA/DAVISON AAF 57-70 FCT
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																	
76/ 75		.1	.2																													3	3				
74/ 73	.2	.2	.2	.2																													10	10	6	5	
72/ 71		.1	.3	.4																													11	11	2	1	
70/ 69	.1	.5	.7	.5	.2																												25	25	12	5	
68/ 67	.2	1.1	1.0	.6	.2					.2																							43	43	13	13	
66/ 65	.2	1.2	.7	.6	.2	.3	.2			.1																							45	45	34	22	
64/ 63	.2	2.4	.6	.9	.2	.2	.1																										59	59	50	35	
62/ 61	.3	2.5	.8	.4	.2		.1			.1																							57	57	45	37	
60/ 59	.5	3.9	.9	.7	.4	.2	.2	.1																									90	90	59	56	
58/ 57	.3	3.2	1.5	.5	.2	.4	.2	.1																									83	83	82	64	
56/ 55	.8	2.9	1.2	.7	.9	.5	.1																										91	91	86	74	
54/ 53	.5	4.2	1.6	.8	.6	.4																											109	109	82	78	
52/ 51	.8	3.8	1.8	.3	.5	.1																											95	95	96	81	
50/ 49	.8	3.8	1.0	.6	.3	.2	.1																										89	89	106	90	
48/ 47	.5	3.0	1.2	.8	.2	.3																											78	78	96	84	
46/ 45	.8	3.8	1.1	.5	.2	.3																											87	87	97	92	
44/ 43	1.0	4.1	1.3	.5	.1																												91	91	94	78	
42/ 41	.8	2.9	1.8	.3	.4																												80	80	83	79	
40/ 39	1.2	2.2	.5	.2																													52	52	88	84	
38/ 37	.6	1.8	.4	.1																													37	37	60	79	
36/ 35	.4	1.6	.4	.1																													32	32	49	71	
34/ 33	.1	1.0	.1	.2																													17	17	27	52	
32/ 31	.1	.5	.1																														9	9	17	38	
30/ 29		.5																															6	6	11	32	
28/ 27	.1	.2																															3	3	5	20	
26/ 25																																				2	6
24/ 23																																				12	
22/ 21																																				7	
20/ 19																																				2	
18/ 17																																				3	
16/ 15																																				1	
TOTAL	10.4	51.3	19.3	10.1	4.5	3.0	1.2	.2	.2																									1302	1302	1302	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature										Total																					
Rel. Hum.	9210669	107905	82.9	14.349	1302	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	3620225	67517	51.9	9.565	1302		1.3	6.6	.9			93																									
Wet Bulb	3250533	63921	49.1	9.293	1302		2.5	2.4	.4			93																									
Dew Point	2945561	60399	46.4	10.509	1302		8.6	1.7	.4			93																									

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

93726 FORT BELVOIR VA/DAVISON AAF

57-70

NOV

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb	Dew Point
72/ 71			.2															2	2		
70/ 69			.1	.1														3	3		
68/ 67			.3	.1														5	5	3	2
66/ 65	.2		.4	.1														12	12	2	3
64/ 63		.1	.2	.2	.3	.1												11	11	8	
62/ 61		1.1	.2		.2	.2												22	22	9	6
60/ 59	.1	1.2	.4	.3	.4	.1	.4	.2										38	38	18	25
58/ 57	.5	1.3	.7		.1	.4	.3											44	44	31	18
56/ 55	.2	1.3	.7	.3		.2	.2											38	38	28	23
54/ 53	.7	2.5	.9	.5	.2	.1												65	65	59	36
52/ 51	.7	1.5	.8	.5	.4	.2	.1											53	53	50	46
50/ 49	.5	1.1	1.0	.9	.6													52	52	39	47
48/ 47	.3	1.3	1.3	1.3	.9	.1												61	61	54	32
46/ 45	.4	2.1	1.6	1.6	.3	.1												76	76	57	36
44/ 43	.9	2.6	1.7	.4	.6													78	78	55	47
42/ 41	.6	3.6	1.3	.8	.3	.1												87	87	89	60
40/ 39	.7	3.9	1.3	1.0	.2	.1												91	91	93	72
38/ 37	.6	2.8	1.2	1.5	.6													84	84	81	91
36/ 35	1.0	4.0	1.6	1.2														97	97	85	77
34/ 33	.8	2.8	.7	.9														65	65	91	112
32/ 31	.6	5.0	1.1	.6														92	92	112	78
30/ 29	.8	4.2	.5	.1														70	70	86	67
28/ 27	1.0	2.3	.4	.3														51	51	80	82
26/ 25	1.2	1.0	.4	.2														35	35	47	81
24/ 23	.3	.7	.4															18	18	22	73
22/ 21	.1	.2	.2															6	6	10	45
20/ 19		.3																4	4	9	22
18/ 17																			4		22
16/ 15																					13
14/ 13																					25
12/ 11																					7
10/ 9																					2
8/ 7																					4
6/ 5																					4
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EMDT BELVIDER VA/DAVISON AAF 57-70

NOV
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71			.1															1	1																
70/ 69		.1	.1															2	2																
68/ 67		.1	.2															4	4	3	1														
66/ 65		.1	.3		.1													6	6	1	2														
64/ 63		.6	.3	.4														17	17	4	5														
62/ 61		.7	.2	.1	.2													14	14	15	7														
60/ 59	.6	.6	.1	.2	.2													21	21	23	23														
58/ 57	.2	1.8	.4	.3		.1												36	36	18	16														
56/ 55	.6	2.1	.5	.2	.1	.1												45	45	37	24														
54/ 53	.5	1.8	.4	.9	.8	.2												58	58	41	41														
52/ 51		1.3	1.1	.7	.2	.1												44	44	37	29														
50/ 49	.3	2.1	1.0	.5	.9	.2												62	62	34	32														
48/ 47	.3	2.4	.5	.5	.5	.2												55	55	61	34														
46/ 45	.4	3.0	1.4	.7	.4	.2												77	77	71	36														
44/ 43	.9	1.9	1.2	1.0	.4	.1												68	68	64	68														
42/ 41	.4	2.0	.9	.6	.4	.1												55	55	62	60														
40/ 39	.4	2.9	1.0	1.3	.7													80	80	60	52														
38/ 37	1.3	3.4	.5	1.3	.1													86	86	81	54														
36/ 35	1.6	2.6	1.6	.3	.2													79	79	93	84														
34/ 33	1.2	4.4	1.4	1.3														104	104	94	91														
32/ 31	.6	4.2	1.4	.9														90	90	97	77														
30/ 29	.6	4.8	.4	.1														75	75	101	80														
28/ 27	1.6	3.2	.6															67	67	100	77														
26/ 25	1.5	1.9	.3															47	47	65	96														
24/ 23	.7	1.4	.1															28	28	38	88														
22/ 21	.5	.6	.4															19	19	21	52														
20/ 19	.2	.3																7	7	14	45														
18/ 17	.1	.3	.2															8	8	7	24														
16/ 15	.1	.3																5	5	10	28														
14/ 13																					18														
12/ 11																					8														
10/ 9																					5														
8/ 7																					3														
6/ 5																					2														
Element (X)	Σ x'	Σ x	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EGRT BELVOIR VA/DAVISON AFB 57-70

NNV
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										70	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)	Σ X ²		Σ X		X		X ²		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93778 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS NOV 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
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	

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5781273	81985	65.118	754	1259	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Dry Bulb	3070249	61123	48.6	9.031	1259		2.8	1.8	.3			90
Wet Bulb	2456789	54499	43.3	8.811	1259		10.4	.5				90
Dew Point	1849728	45874	36.4	1.902	1259		34.6					90

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

93724 STATION FORT BELVOIR VA/DAVISON AAF 27-70 YEARS NOV 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
80/79									.2									2	2	
78/77								.2	.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	.1	.2	.2	.3	.2								15	15	
70/69				.1	.1	.2	.2	.5	1.0	.1								26	26	1
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
64/63	.1	.7	.3	.3	.5	.8	1.2	1.1	.3	.2								69	69	20
62/61	.2	.8	.5	1.0	1.0	.9	1.4	.6	.6									88	88	22
60/59	.1	.6	.6	.7	1.1	1.3	2.5	.4	.3									98	98	42
58/57		1.0	1.0	.4	.8	1.7	1.4	1.0	.1									91	91	44
56/55		.8	.9	.6	1.1	2.1	1.9	1.0										105	105	80
54/53		.8	.9	.3	1.7	2.5	1.3	.3										98	98	89
52/51	.2	.5	1.1	1.0	1.0	2.2	1.0	.1										88	88	80
50/49	.2	.8	1.1	.9	1.7	2.5	1.0											103	103	89
48/47		.4	.2	.5	2.2	2.2	.5											75	75	121
46/45	.1	.2		1.7	2.2	1.8	.2											79	79	111
44/43	.4	.1	.5	.7	1.6	.9	.3											56	56	98
42/41	.2	.2	.2	1.0	1.0	.7												41	41	95
40/39	.1	.2	.4	.9	1.3	.7												46	46	106
38/37	.2	.2	.2	.5	.2													18	18	77
36/35	.4			.3	.4													14	14	70
34/33	.2	.1		.1	.1													6	6	37
32/31		.2		.1														3	3	34
30/29				.1														1	1	15
28/27			.1	.1														2	2	6
26/25			.1	.1														2	2	1
24/23																				3
22/21																				2
20/19																				
18/17																				24
16/15																				25
14/13																				27
Element (X)	ΣX ²		ΣX		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

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																				11	11				
74/ 73						.2	.2	.1		.2	.2																				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	2.0	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)	Σx²		Σx		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) JUL 64 REVISION 5 EDICONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS N/IV MONTH

PAGE 1 1800-2600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb
74/ 73				.1	.1												2	2		
72/ 71			.1	.3		.2											7	7		
70/ 69				.2	.1	.2											6	6		
68/ 67				.2	.2		.2	.2									10	10	3	
66/ 65	.2	.1		.2	.1	.1	.3	.1									13	13	7	4
64/ 63	.1	.7	.2	.4	.4	.1	.5	.6									37	37	6	7
62/ 61	.2	1.0	.6	.9	.5	.2	.1	.1									44	44	23	14
60/ 59	.1	1.1	.4	.9	.3	.5											41	41	22	21
58/ 57	.1	1.7	.6	.4	.6	.3	.2	.2									52	52	29	7
56/ 55	.4	1.3	.7	.6	.6	.6	.1		.1								55	55	56	41
54/ 53	.3	1.2	1.5	1.7	1.0	.2	.2										77	77	47	37
52/ 51	.4	1.0	1.7	2.2	1.3	.3	.3	.1									94	94	54	43
50/ 49	.2	.9	2.1	1.0	1.7	.6	.2										85	85	62	46
48/ 47		1.8	1.9	2.5	1.6	.6	.3										110	110	88	25
46/ 45	.2	1.7	1.7	2.0	1.0												83	83	88	62
44/ 43		1.7	2.5	1.3	1.6	.1											90	90	83	71
42/ 41	.2	1.3	2.1	2.8	1.0	.2											95	95	115	72
40/ 39	.7	2.0	2.4	2.6	1.0												109	109	116	74
38/ 37	.6	1.7	2.0	1.3	1.1												84	84	96	84
36/ 35	.2	1.0	1.8	.6	.5												53	53	109	99
34/ 33		1.2	1.0	1.1	.3												46	46	76	87
32/ 31	.1	.9	.6	.9	.2												33	33	70	62
30/ 29		.6	.6	.3													19	19	40	79
28/ 27				.1	.1												5	5	33	66
26/ 25		.1	.2	.2													6	6	17	60
24/ 23		.1															1	1	9	50
22/ 21			.2														2	2	4	33
20/ 19		.1															1	1	3	23
18/ 17																			2	26
16/ 15																				26
14/ 13																				12
12/ 11																				9
10/ 9																				5
8/ 7																				5
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	> 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION EORT BELVOIR VA/DAVISON AAF STATION NAME 57-70 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
72/ 71				.1		.1																										2	2			
70/ 69				.2	.4	.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	.6																									33	33	17	12	
60/ 59	.2	.9	.6	.2	.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	1.9	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	34	
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)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

3

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 FORT BELVOIR VA/DAVISON AAF 57-79 YEARS DEC MONTH
 PAGE 7 0000-0200
HOURS L. S. T. 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		
-6 / -7																							2
-8 / -9																							1
TOTAL	6.4	8.5	22.5	9.7	2.8	.2	.1												1296	1307	1296	1296	
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	7804929	98259	75.8	5.561	1296	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total											
Dry Bulb	1422057	40967	31.5	10.122	1307		52.5					93											
Wet Bulb	1230872	37924	29.3	9.671	1296		61.6					93											
Dew Point	941397	31309	24.2	1.953	1296	1.1	70.5					93											

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93728 EORT BELVOIR VA/DAVISON AAF 57-70 DEC
STATION STATION NAME YEARS MONTH

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.S. W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-	19-20	21-22	23-24	25-26		27-28	29-30	>31	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														15	18	9	8
48/ 47	.1	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	.6	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	62
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	.9																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)	$\Sigma X'$	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																					

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 STATION FORT BELVOIR VA/DAVISON AAF STATION NAME 67-70 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
-6/-7																					2	
-8/-9																					1	
TOTAL	20.4	7.4	2.4	8.1	1.6	.1	.1												1290	1302	1290	1290
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	7981901	99393	77.0	5.849	1290	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	> 80 F	≤ 93 F	Total										
Dry Bulb	1338747	37485	30.3	0.421	1302	.1	56.6					93										
Wet Bulb	1170232	36642	28.4	0.020	1290	.1	63.5					93										
Dew Point	906276	30420	23.6	2.106	1290	1.8	73.0					93										

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93728 EPT BELVOIR VA/DAVISON AAF 57-70

DEC
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					
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.											$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total									
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) 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

D.F.C.
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			
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	3.1	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	2.3	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	.9																	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	59		
10/ 9		.1																		1	1	4	50		
8/ 7																						1	27		
6/ 5		.1																		1	1		25		
4/ 3																						1	23		
2/ 1																							7		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F														
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISD 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 DEC
 STATION STATION NAME YEARS MONTH
 PAGE 2 0900-1100
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
0/ -1																					6	
-2/ -3																						4
-4/ -5																						8
-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	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total											
Ref Hum	6357237	87575	67.5	18.598	1298	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	1768818	40190	35.5	9.913	1300		35.6	.2				93										
Wet Bulb	1445051	41565	32.0	9.377	1298		52.9					93										
Dew Point	1006981	37423	25.0	12.326	1298	1.6	68.4					93										

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 STATION EDRT BELVOIR VA/DAVISON AAF 57-70 YEARS MONTH 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				.2	.1		.2	.1										2	2																
70/ 69																		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	.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	2														
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)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\leq 80 F$	$\geq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93726 FORT BELVOIR VA/LAVISION AAF 57-70
 STATION STATION NAME YEARS MONTH
 PAGE 2 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B. W.B.	TOTAL																																																																																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																																																																												
4/ 3																				19																																																																													
2/ 1																				16																																																																													
0/ -1																				6																																																																													
-4/ -5																				7																																																																													
-6/ -7																				1																																																																													
TOTAL	6.1	14.8	14.6	29.8	18.6	9.3	4.2	1.5	1.0	.1									1299	1299																																																																													
																				1299	1299																																																																												
<table border="1"> <thead> <tr> <th>Element (X)</th> <th>ΣX²</th> <th>ΣX</th> <th>\bar{X}</th> <th>s_x</th> <th>No. Obs.</th> <th colspan="5">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>≤ 0 F</th> <th>≤ 32 F</th> <th>≤ 67 F</th> <th>≤ 73 F</th> <th>≤ 80 F</th> <th>≤ 93 F</th> <th></th> </tr> </thead> <tbody> <tr> <td>Rel. Hum.</td> <td>4859006</td> <td>74940</td> <td>57.720</td> <td>0.314</td> <td>1299</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Dry Bulb</td> <td>2311665</td> <td>53177</td> <td>40.910</td> <td>0.181</td> <td>1299</td> <td></td> <td>19.4</td> <td>1.1</td> <td>.1</td> <td></td> <td></td> <td>93</td> </tr> <tr> <td>Wet Bulb</td> <td>1743092</td> <td>46090</td> <td>35.5</td> <td>9.111</td> <td>1299</td> <td></td> <td>37.4</td> <td></td> <td></td> <td></td> <td></td> <td>93</td> </tr> <tr> <td>Dew Point</td> <td>1074832</td> <td>33564</td> <td>25.8</td> <td>2.646</td> <td>1299</td> <td>1.0</td> <td>65.7</td> <td></td> <td></td> <td></td> <td></td> <td>93</td> </tr> </tbody> </table>																					Element (X)	ΣX²	ΣX	\bar{X}	s _x	No. Obs.	Mean No. of Hours with Temperature					Total							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F		Rel. Hum.	4859006	74940	57.720	0.314	1299								Dry Bulb	2311665	53177	40.910	0.181	1299		19.4	1.1	.1			93	Wet Bulb	1743092	46090	35.5	9.111	1299		37.4					93	Dew Point	1074832	33564	25.8	2.646	1299	1.0	65.7					93
Element (X)	ΣX²	ΣX	\bar{X}	s _x	No. Obs.	Mean No. of Hours with Temperature					Total																																																																																						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																																																																																						
Rel. Hum.	4859006	74940	57.720	0.314	1299																																																																																												
Dry Bulb	2311665	53177	40.910	0.181	1299		19.4	1.1	.1			93																																																																																					
Wet Bulb	1743092	46090	35.5	9.111	1299		37.4					93																																																																																					
Dew Point	1074832	33564	25.8	2.646	1299	1.0	65.7					93																																																																																					

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 FHRT BELVOIR VA/AVISON AAF 57-70 DLC
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
4/ 3																									21
2/ 1																									7
0/ -1																									6
-2/ -3																									3
-4/ -5																									5
-6/ -7																									1
TOTAL	5.4	15.1	15.4	29.7	18.9	8.4	4.9	1.4	.6	.2												1301		1301	
																							1301	1301	
Element (X)	ΣX^2	ΣX	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	4813511	74697	57.420	0.091	1301	≤ 0 F	≤ 32 F	> 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	2329153	32505	41.1	9.950	1301		18.1	.9	.1			93													
Wet Bulb	1756510	46364	35.6	8.954	1301		37.0					93													
Dew Point	1079723	33719	25.912	2.582	1301	1.1	64.6					93													

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93725 FORT BELVOIR VA/DAVISON AAF 67-70 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	15-16	17-18	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												13	13		1			
60/ 59	.1	.7				.2					.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	.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														52	52	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)	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) 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 DEC
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
-4/-5																								2	
-6/-7																									3
-12/-13																									1
TOTAL	7.4	30.3	32.2	21.4	6.3	1.8	-6																1302		1302
																						1302		1302	
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total												
Rel. Hum.	6404764	88162	67.7	18.287	1302		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	1789109	46689	35.9	9.396	1302			36.8					93												
Wet Bulb	1475569	42205	32.4	9.088	1302			52.4					93												
Dew Point	1041309	33149	25.5	12.315	1302		1.9	67.6					93												

USAF/ETAC 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

99728 STATION EDEL BELVOIR VA/DAVILSON AAF 57-70 YEARS DEC MONTH

PAGE 1 2100-2300 HOURS (L, S, T, 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															
64/63		.1																														1	1		
62/61		.2																														4	4		
60/59	.1	.5			.1	.2	.1																								11	11	4	3	
58/57	.2	.2			.1	.1																									7	7	11	7	
56/55	.1	.5	.1		.1	.2																									12	12	4	8	
54/53	.1	.2	.2		.2	.4	.1																								13	13	8	6	
52/51	.2	.7	.1		.1	.2																									13	13	11	9	
50/49	.2	.6	.3		.3	.4	.1																								25	25	15	8	
48/47	.2	.9	.8		.6	.6	.2																								44	44	14	10	
46/45	.2	1.5	.4		.5	.6																									40	40	33	29	
44/43	.5	2.2	.8		.4	.2																									51	51	47	25	
42/41	.7	2.5	.7		.7	.2	.1																								62	62	59	43	
40/39	.3	1.2	1.1		1.3	.3	.1																								56	56	59	39	
38/37	.4	3.1	2.0		1.8	.2	.1																								99	99	44	39	
36/35	1.1	2.6	2.3		1.8	.1																									103	103	78	58	
34/33	1.3	3.1	1.8		1.8																										104	104	105	55	
32/31	.9	2.8	2.7		1.8	.1																									109	109	111	80	
30/29	.6	5.2	2.6		1.1	.1																									124	124	113	70	
28/27	1.0	3.6	1.6		.5																										90	90	129	78	
26/25	.5	3.8	2.7		.3																										96	96	110	94	
24/23	.6	2.5	1.4		.2																										62	62	91	79	
22/21	.8	2.2	1.7																												60	60	80	101	
20/19	.5	1.0	.7																												36	37	49	79	
18/17	.1	1.2	.5																												23	23	48	81	
16/15	.4	.9	.5																												24	25	25	58	
14/13	.3	1.1	.1																												19	19	21	51	
12/11	.1	.4																													0	6	19	47	
10/9		.2																													3	3	8	26	
8/7		.2																													2	2	1	27	
6/5	.1																														1	1	2	31	
4/3																																		28	
2/1																																		17	
0/-1																																		8	
-2/-3																																		7	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

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	300	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	9.958	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	15230
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	11.625	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

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 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 II 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	5.958	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	10.445	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	1200	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	1299	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	21.5	28.3	39.1	50.3	60.0	64.7	64.0	57.5	45.1	35.3	24.2	42.8
	S D	12.922	12.292	10.915	11.198	9.525	7.100	5.865	6.437	9.033	10.744	11.577	11.953	18.958
	TOTAL OBS	1199	1182	1302	1259	1299	1260	1300	1301	1260	1302	1260	1296	15220
03-05	MEAN	19.6	20.8	27.6	38.5	49.2	58.5	63.4	62.8	56.4	44.0	34.5	23.6	41.8
	S D	13.153	12.522	11.341	11.248	9.632	7.340	6.090	6.722	9.265	10.879	11.716	12.106	18.850
	TOTAL OBS	1203	1178	1301	1258	1299	1260	1302	1300	1260	1302	1260	1290	15213
06-08	MEAN	19.0	20.4	27.6	39.2	50.3	60.2	64.6	63.7	56.9	44.9	34.3	23.2	42.2
	S D	13.279	12.852	11.391	11.316	9.780	7.149	6.147	6.703	9.193	10.988	11.964	12.356	19.416
	TOTAL OBS	1202	1183	1299	1260	1299	1260	1302	1301	1260	1301	1260	1293	15220
09-11	MEAN	21.1	22.4	28.9	39.7	50.7	61.1	65.6	64.9	58.6	46.8	36.4	25.0	43.7
	S D	13.057	13.035	11.791	12.297	10.632	7.993	6.541	6.930	9.554	11.319	11.902	12.326	19.352
	TOTAL OBS	1208	1185	1299	1260	1299	1260	1302	1301	1260	1300	1259	1298	15231
12-14	MEAN	22.1	23.4	29.5	39.5	50.0	60.6	64.9	64.3	58.4	46.5	36.3	25.8	43.8
	S D	13.007	13.345	11.866	12.664	10.606	8.570	7.017	7.293	9.694	11.881	12.418	12.646	19.088
	TOTAL OBS	1209	1181	1299	1260	1302	1260	1302	1301	1259	1302	1260	1299	15234
15-17	MEAN	22.4	23.0	29.3	39.2	50.7	61.0	64.9	64.3	58.7	46.9	36.4	25.9	43.8
	S D	13.083	13.507	11.922	12.833	10.914	8.485	7.112	7.229	9.695	12.017	12.487	12.582	19.132
	TOTAL OBS	1209	1182	1300	1260	1299	1260	1302	1300	1260	1302	1260	1301	15235
18-20	MEAN	21.7	23.0	29.4	39.6	52.0	62.5	66.3	65.8	60.3	48.3	36.3	25.5	44.5
	S D	12.794	13.112	11.649	12.058	10.309	7.638	6.510	6.784	8.660	10.738	12.027	12.315	19.497
	TOTAL OBS	1208	1185	1302	1260	1299	1260	1302	1301	1260	1302	1260	1302	15241
21-23	MEAN	20.9	22.4	29.2	39.9	51.8	62.0	66.1	65.2	58.9	46.4	35.5	24.6	43.8
	S D	12.657	12.418	11.192	11.150	9.557	6.872	5.736	6.353	8.708	10.509	11.909	12.200	19.241
	TOTAL OBS	1205	1185	1302	1259	1299	1260	1302	1301	1260	1302	1260	1300	15235
ALL HOURS	MEAN	20.9	22.2	28.7	39.3	50.7	60.7	65.1	64.4	58.2	46.0	35.6	24.8	43.3
	S D	13.038	12.935	11.533	11.867	10.188	7.753	6.449	6.879	9.329	11.221	12.028	12.345	19.211
	TOTAL OBS	9643	9461	10404	10076	10395	10080	10414	10406	10079	10413	10079	10379	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	51.5	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

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	61.8	10076

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93728 FORT BELVOIR VA/DAVISON AAF
STATION 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	96.2	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	95.4	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

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93728 FORT BELVOIR VA/DAVISON AAF 57-70 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	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	49.4	25.7	5.9	63.1	1302
	21-23	100.0	100.0	100.0	99.8	99.0	95.5	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	15.8	72.7	10414

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93728 FORT BELVOIR VA/DAVISON AAF
STATION 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

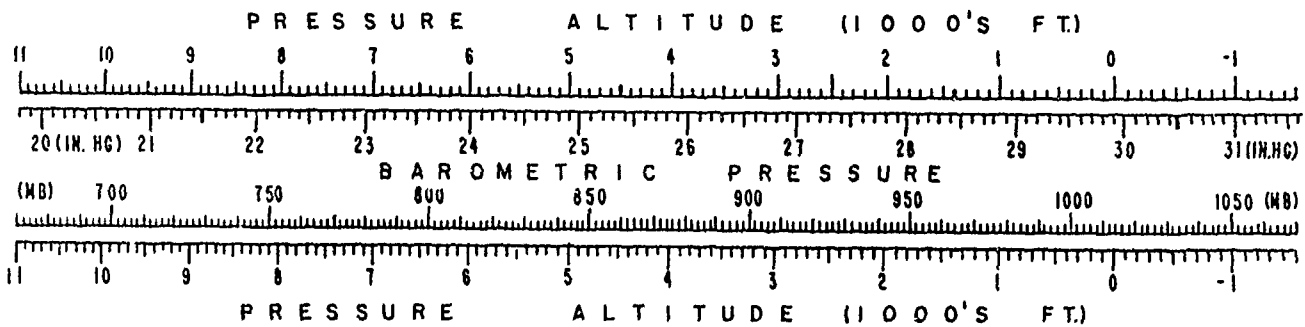
DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE (MAC)
 ASHEVILLE, NORTH CAROLINA

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.



F

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

HRS (L S T)	STATION NAME												ANNUAL	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
01	MEAN	30.029	29.975	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	402	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	2860	2975	3215	3119	3221	3119	3223	36010

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

93728 FORT BELVOIR VA/DAVISON AAF 97-70

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN S D TOTAL OBS	1019.4 8.740 403	1017.4 9.343 394	1016.7 8.144 433	1016.5 7.516 420	1016.3 5.856 434	1015.7 4.887 420	1015.9 4.304 433	1016.4 4.084 433	1018.7 5.362 420	1019.0 6.687 434	1018.3 8.494 420	1019.4 8.813 434	1017.5 7.173 5078
04	MEAN S D TOTAL OBS	1019.4 8.884 403	1017.2 9.392 394	1016.4 8.483 434	1016.3 7.778 419	1016.8 5.975 434	1015.6 4.938 420	1015.7 4.385 434	1016.2 4.154 432	1018.5 5.468 420	1018.8 6.817 434	1018.3 8.656 420	1019.4 8.878 434	1017.4 7.318 5078
07	MEAN S D TOTAL OBS	1020.0 8.940 403	1018.0 9.423 395	1017.4 8.834 434	1017.4 8.012 420	1018.0 6.107 434	1016.6 5.000 420	1016.7 4.423 434	1017.1 4.224 433	1019.5 5.654 420	1019.7 6.969 434	1019.1 8.739 420	1020.1 9.029 434	1018.3 7.427 5081
10	MEAN S D TOTAL OBS	1020.9 9.119 403	1018.7 9.552 395	1017.8 8.960 434	1017.6 8.169 420	1018.2 6.192 434	1016.7 4.994 420	1016.9 4.436 434	1017.5 4.216 433	1019.9 5.750 420	1020.2 7.042 433	1019.7 8.815 419	1021.0 9.193 434	1018.7 7.564 5079
13	MEAN S D TOTAL OBS	1018.9 9.050 403	1017.0 9.498 394	1016.3 8.640 434	1016.2 7.934 420	1016.9 6.162 434	1015.8 4.964 420	1016.1 4.374 434	1016.6 4.123 433	1018.6 5.688 419	1018.5 6.956 434	1018.0 8.667 420	1019.0 9.009 433	1017.3 7.388 5078
16	MEAN S D TOTAL OBS	1018.4 8.843 403	1016.0 9.305 394	1015.1 8.235 434	1014.9 7.635 420	1015.6 6.057 434	1014.7 4.951 420	1015.0 4.303 434	1015.4 4.092 433	1017.5 5.563 420	1017.6 6.882 434	1017.4 8.469 420	1018.6 8.637 434	1016.3 7.240 5080
19	MEAN S D TOTAL OBS	1019.3 8.639 403	1017.0 9.277 395	1015.9 7.918 434	1015.4 7.292 420	1015.9 5.795 434	1014.7 4.813 420	1015.1 4.229 434	1015.5 4.011 433	1017.8 5.425 420	1018.4 6.693 434	1018.3 8.318 420	1019.4 8.518 434	1016.9 7.123 5081
22	MEAN S D TOTAL OBS	1019.6 8.705 403	1017.4 9.408 395	1016.8 7.922 434	1016.5 7.205 420	1017.0 5.735 434	1015.7 4.749 420	1016.0 4.224 434	1016.5 4.053 433	1018.7 5.376 420	1019.1 6.679 434	1018.7 8.381 420	1019.6 8.630 434	1017.6 7.090 5081
ALL HOURS	MEAN S D TOTAL OBS	1019.5 8.885 3224	1017.3 9.418 3156	1016.5 8.429 3471	1016.3 7.739 3359	1016.9 6.038 3472	1015.7 4.957 3360	1015.9 4.377 3471	1016.4 4.172 3463	1018.6 5.579 3359	1018.9 6.873 3471	1018.5 8.586 3359	1019.5 8.858 3471	1017.5 7.325 40636