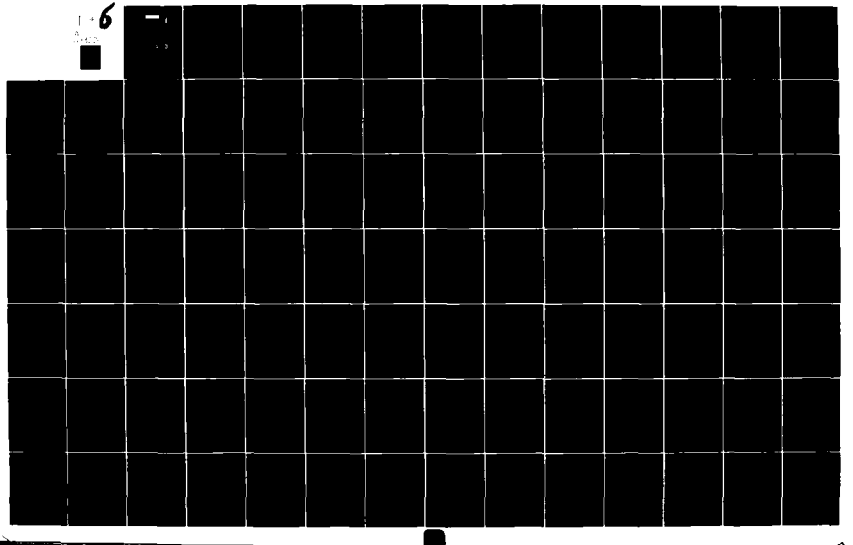
AD-A113 224 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BURLINGTON IAP, VERMONT. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(U)
DEC 81

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Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

BURLINGTON INTL VT WBAN # 14742
N 44 28 W 073 09 FLD ELEV 335 FT BTV WMO # 72617

PARTS A - F
POR FROM HOURLY OBS: JUN 73 - MAY 81

POR FROM DAILY OBS: JAN 48 - MAY 81

TIME CONVERSION GMT TO LST: - 5

DEC 23 1981

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Wayne E. McCollom

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

FOR THE COMMANDER

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into a summary of the day observations from the 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 Weather Services and some foreign stations using similar reporting practices.

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

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

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMBER
14742	BURLINGTON VERMONT	N 44 28	W 073 09	335	BTV	72617

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Burlington MAP	WBAS	Dec 32	Feb 48	N 44 28	W 073 09	334	336	24
2	Same	WBAS	1 Jan 48	Apr 60	N 44 28	W 073 09	334	335	24
3	Same	Same	May 60	Nov 63	Same	Same	335	335	24
4	Same	Same	Nov 63	Jul 73	Same	Same	335	348	24
5	Same	Same	Jul 73	May 81	Same	Same	Same	350	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	1 Jan 48	Located on tower	Type S Friez	N/A	51 Ft	
2	15 Feb50	Same	Type S Instr. Corp.	Same	55 Ft	
3	1 May 53	Same	F420A	Same	60 Ft	
4	9 Jun 58	Located on the field	F420B	Same	20 Ft	
5	31 Mar68	Same	F420C	Same	Same	
6	25 Jan73	Same	Same	P130-10-5	Same	

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CONTINUED ON REVERSE SIDE

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

WEATHER CONDITIONS

...	...LINGTON INTL VT	74-81	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	0-2		4.4	.4	28.8		32.5	5.5	1.9	.7		[illegible]	744
	03-05		3.4	.9	33.2		36.3	5.4	2.2	.9		[illegible]	743
	06-08		3.6	.9	30.1		33.3	6.9	2.3	.8		9.9	744
	09-11		4.4	1.1	26.6		31.5	7.9	4.0	.4		12.4	744
	12-14		4.8	.5	25.1		29.4	5.4	3.2	1.3		9.9	744
	15-17		4.0	.7	24.1		28.5	4.7	1.6	1.3		7.7	743
	18-20		4.4	.7	24.7		29.3	5.5	2.0	.7		8.2	744
	21-23		4.6	.4	25.8		30.0	3.9	.5	1.9		6.3	744
TOTALS			4.2	.7	27.3		31.4	5.7	2.2	1.0		8.9	5950

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WEATHER CONDITIONS

1...42	BURLINGTON INTL VT	74-81	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		4.7	.4	19.5		23.7	7.2	1.2	.9		9.1	678
	03-05		4.0	.4	21.2		24.5	6.2	.4	.7		7.1	679
	06-08		3.7	.7	20.8		23.9	6.6	1.9	.4		8.8	678
	09-11		5.2	.1	20.2		25.2	8.7	1.3	.6		10.6	676
	12-14		5.0	.3	18.4	.1	23.7	5.9	2.1	.4	.1	8.4	678
	15-17		3.7	.4	16.2		20.2	4.7	2.9	.3		7.7	678
	18-20		3.2	.4	15.2		18.6	4.7	2.9	.1		7.5	678
	21-23		4.9	.1	16.7		21.1	5.9	2.4			8.1	678
TOTALS			4.3	.4	18.5	.0	22.6	6.2	1.9	.4	.0	8.4	5424

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WEATHER CONDITIONS

...2	BURLINGTON INTL VT	74-81	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		6.7		13.3	.3	19.8	9.1	1.3	.5		11.0	744
	03-05		6.7	.5	16.7	.1	22.6	10.3	1.5	.4		12.0	744
	06-08		8.1	.3	17.9		24.5	13.7	1.9	.3		15.3	744
	09-11		6.6	.3	15.5		21.6	11.4	2.0	.3		13.0	744
	12-14		7.0	.4	12.0		19.0	5.5	2.3			7.3	744
	15-17		7.7	.1	10.3		17.2	5.9	2.0			7.5	744
	18-20		7.7		12.5		19.5	8.2	2.7		.1	10.6	744
	21-23	.3	7.8	.3	13.0		20.2	9.4	1.5	.5		11.2	744
TOTALS		.0	7.3	.2	13.9	.1	20.6	9.2	1.9	.3	.0	11.0	5952

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	BURLINGTON INTL VT	74-81	APR

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	.1	10.3		5.7		15.1	9.2	.7			9.9	720
	03-05		11.4	.1	7.1		17.8	10.3	.1			10.4	720
	06-08		13.7		7.5		18.6	8.9	.6			8.7	720
	09-11		13.1		9.4		18.6	5.3	.3			5.6	720
	12-14		11.1		6.8		17.4	5.0	1.8			6.0	720
	15-17		10.1		5.0	.1	15.1	3.6	.1			3.3	720
	18-20	.4	12.8		4.4	.1	17.1	5.8	1.3			6.8	720
	21-23		12.1		4.9		16.4	7.2				7.2	720
TOTALS		.1	11.6	.0	6.4	.0	16.8	6.9	.6			7.5	5760

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WEATHER CONDITIONS

14742	BURLINGTON INTL VT	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.1	10.9		.4		11.2	6.3	3.4			9.7	744
	03-05		8.6				8.6	9.4	1.7			11.2	744
	06-08		7.3				7.8	8.3	5.4		.1	13.3	744
	09-11	.1	8.9				8.9	3.4	2.0			5.4	744
	12-14	.5	11.7		.1		11.7	4.6	5.1			9.7	744
	15-17	1.1	10.8		.3		10.9	2.7	.7			3.4	744
	18-20	.5	10.9		.5		11.3	4.0	3.1		.3	7.4	742
	21-23	.4	10.9		.4	.1	11.3	6.1	1.1			7.0	741
TOTALS		.3	10.0		.2	.0	10.1	5.6	2.8		.1	8.5	5947

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	BURLINGTON INTL VT	73-80	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	0-2	.1	7.5				7.5	14.2	11.7			24.4	720
	3-5	.1	7.9				7.9	15.0	7.6			21.4	720
	6-8		8.9				8.9	11.9	12.6			24.0	720
	9-11	.3	9.9				8.9	4.4	10.4			14.9	720
	12-14	1.3	9.9				9.9	2.8	14.2			16.9	720
	15-17	1.3	11.9				11.9	3.1	6.9			10.0	720
	18-20	1.7	11.5				11.5	3.6	8.0			11.8	720
	21-23	2.5	12.2				12.2	6.4	7.1			12.6	720
TOTALS		.9	9.8				9.8	7.7	9.9			17.3	5760

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WEATHER CONDITIONS

...42	...RLINGTON INTL VT	73-80	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	6.9				6.9	6.2	13.3			20.6	744
	03-05	1.5	8.5				8.9	11.4	10.2			18.5	744
	06-08	.1	5.6				5.6	8.6	15.3			22.1	744
	09-11	.4	4.6				4.6	1.5	11.0			12.1	744
	12-14	.6	4.8				4.8	1.5	13.4			14.5	744
	15-17	1.6	6.2			.1	6.2	1.2	5.4			6.6	744
	18-20	1.9	9.4				9.4	2.8	11.7			13.4	744
	21-23	1.5	8.3				8.3	4.0	8.5			12.3	744
TOTALS		1.1	6.8			.3	6.8	4.8	11.1			15.8	5952

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	BURLINGTON INTL VT	73-80	AUG

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	1.2	4.8				9.0	13.4	12.6			24.9	744
	03-05	.9	10.2				10.2	19.8	12.0			27.7	744
	06-08	.1	9.3				9.3	17.6	16.4			30.2	744
	09-11		8.1				8.1	7.7	15.1			22.0	744
	12-14	1.3	6.1				8.1	3.8	14.8			18.4	744
	15-17	1.5	7.8				7.8	2.0	8.6			10.8	744
	18-20	2.2	8.1				8.1	2.8	13.3			15.9	744
	21-23	1.3	7.0				7.0	6.3	10.1			15.6	744
TOTALS		1.1	6.5				8.5	9.2	12.9			20.7	5952

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WEATHER CONDITIONS

14742 | BURLINGTON INTL VT | 73-80 | 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	.6	9.9				9.9	14.2	8.2			26.0	740
	03-05		11.3				11.3	16.7	6.0			21.0	720
	06-08		12.4				12.4	16.4	6.9			22.2	720
	09-11	.3	9.4				9.4	8.2	4.6			12.5	720
	12-14	.6	9.6				9.6	4.7	7.4			12.1	720
	15-17	1.1	11.1				11.1	6.4	4.4			10.0	720
	18-20	.4	12.0				12.0	8.9	9.0			17.5	720
	21-23	.7	12.8				12.8	3.8	8.1			15.3	720
TOTALS		.5	11.2				11.2	10.5	6.8			16.6	5760

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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WEATHER CONDITIONS

...	...RLINGTON INTL VT	73-8...	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
...CT	00-02		13.9		1.7		12.4	12.2	3.5			15.1	744
	03-05		12.1		3.9		14.9	15.2	2.8			17.2	744
	06-08		14.0		3.6		17.0	15.2	3.5			18.3	743
	09-11		11.6		2.6	.1	13.8	8.7	2.3		.1	11.2	744
	12-14		12.0		1.6		13.0	6.3	3.6			9.8	744
	15-17		12.4		1.9		14.1	5.2	.9			6.2	744
	18-20		12.2		.9		13.3	8.3	5.1			13.3	744
	21-23		11.3		1.2		12.1	8.5	3.4			11.2	744
TOTALS			13.1		2.2	.0	13.8	10.6	3.1		.0	12.8	5951

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
...4L	...URLINGTON INTL VT	73-80	NOV

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	...0-02		11.9		10.7		22.2	12.4	1.5	.1		14..	720
	03-05		11.9	.7	10.4		21.4	14.0	.4			14.4	720
	06-0...		6.8	.6	10.0		18.5	12.9	1.7			14.5	720
	...9-11		9.3	.4	10.6		19.7	11.8	1.3			12.9	720
	12-14		6.5		9.7		16.4	6.9	3.5			10.4	720
	15-17		9.3		7.1		15.7	8.5	.6			9.0	720
	18-20	.1	12.4		9.9		22.1	10.6	3.2	.4		13.9	720
	21-23		11.9	.3	10.1		21.9	11.0	.6	.4		11.9	720
TOTALS		.0	10.5	.3	9.8		19.7	11.0	1.6	.1		12.6	5760

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SE VICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
...4...	BURLINGTON INTL VT	73-8...	DEC

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.
D...C	0-0...		5.5	2.3	24.6		30.9	8.7	.5	.8		10.1	744
	...3-0...		5.4	1.5	26.6		32.1	9.1	.4	.9		10.5	.4
	...6-0...		5.1	1.2	22.1		27.7	8.3	.3	.8	.1	9.6	743
	...9-11	.1	4.6	.5	22.8		27.4	9.4	.4			9.8	744
	12-14		5.5	.9	21.6		27.2	8.3	1.1	.3		9.7	744
	15-17		5.1	.5	18.0		23.0	7.9	.1	.3		9.3	744
	18-20		3.9	1.6	20.4		25.1	8.2	.4	.8		9.3	744
	21-23	.1	5.5	1.3	23.1		28.8	9.9	.7	.8		11.4	744
TOTALS		.0	5.1	1.2	22.4		27.6	8.7	.5	.6	.0	9.8	5951

...RIGINAL DATA RECORDED IN SYNOPTIC CODE

AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	BURLINGTON INTL VT	73-81	ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		4.2	.7	27.3		31.4	5.7	2.2	1.0		3.9	5950
FEB			4.3	.4	18.5	.0	22.6	6.2	1.9	.4	.0	5.4	5424
MAR		.3	7.3	.2	13.9	.1	20.6	9.2	1.9	.3	.0	11.0	5952
APR		.1	11.0	.0	6.4	.0	16.8	6.9	.6			7.5	5760
MAY		.3	10.0		.2	.0	10.1	5.6	2.8		.1	8.3	5947
JUN		.9	9.8				9.8	7.7	9.9			17.3	5760
JUL		1.1	6.8			.0	6.8	4.8	11.1			15.0	5952
AUG		1.1	8.5				8.5	9.2	12.9			20.7	5952
SEP		.5	11.2				11.2	10.5	6.8			16.6	5760
OCT			12.1		2.2	.0	13.8	10.0	3.1		.0	12.8	5951
NOV		.0	10.5	.3	9.8		19.7	11.0	1.6	.1		12.6	5760
DEC		.0	5.1	1.2	22.4		27.8	8.7	.5	.6	.0	9.8	5951
TOTALS		.3	8.4	.2	8.4	.0	16.6	8.0	4.6	.2	.0	12.4	70119

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
...	BURLINGTON INTL VT	46-81	ALL

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	.1	19.5	6.9	70.1		75.4	24.0	13.9	5.9		36.6	1054
FEB			18.6	5.5	65.1		71.1	26.3	13.0	6.6		36.5	961
MAR		1.1	28.5	4.3	51.5		65.5	30.0	9.3	2.1		34.5	1054
APR		2.9	49.5	1.9	22.1	.2	58.7	32.3	3.5	.1		33.7	1020
MAY		7.7	55.6	1.6	2.8	.2	56.5	28.0	8.1			36.7	1054
JUN		19.3	54.3	2.0		.3	54.7	31.3	20.5			41.1	989
JUL		21.1	51.9	1.8		.4	52.1	27.3	23.1			37.3	1023
AUG		18.2	52.5	1.4		.7	52.3	36.5	25.0			46.1	1022
SEP		7.3	50.7	.8	.4	.4	50.0	39.7	18.3			46.1	990
OCT		1.9	46.6	1.7	9.6		50.9	35.0	11.2			38.4	1023
NOV		1.3	49.6	3.7	39.7	.1	72.4	35.3	6.0	1.0		36.3	965
DEC		.1	23.8	8.5	69.8		80.6	32.3	6.8	3.7		37.0	1023
TOTALS		5.7	42.2	3.4	27.6	.2	61.7	31.5	13.2	1.6		38.0	12178

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

14742 STATION — BURLINGTON INTL VT STATION NAME — 48-81 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
48	.31	.32	.51	.99	.44	1.04	1.94	1.14	.45	.71	1.24	1.38	1.94
49	.33	.66	.32	.71	.32	.31	1.78	2.31	.54	.39	.49	.34	2.31
50	.61	.30	1.16	.90	.56	.74	.91	1.23	.71	.41	1.38	2.58	2.58
51	.61	1.71	.59	.59	.53	.75	1.01	.60	2.21	1.58	1.54	.56	2.21
52	.33	.75	.61	.73	.85	1.74	1.20	1.05	.64	1.16	.16	1.43	1.74
53	.47	.65	.67	.91	.69	1.27	.36	1.63	.64	.81	.66	.53	1.63
54	.70	1.34	.80	.86	.90	.92	.51	1.61	1.56	.72	.94	.85	1.61
55	.21	1.06	.58	.70	2.26	1.90	.96	3.59	1.58	1.03	.70	.27	3.59
56	.61	.64	.73	.76	2.09	.83	1.69	.43	1.04	.67	.46	.33	2.09
57	.54	.57	.61	.55	.93	2.27	1.85	.45	.90	.73	.82	1.09	2.27
58	.86	.69	.29	.83	.52	.87	.61	.94	1.32	1.00	.66	.46	1.32
59	.94	.47	.41	.97	.46	1.20	.39	1.05	.97	1.37	1.65	1.07	1.65
60	.31	.72	.32	.41	1.21	1.27	1.24	.48	2.48	1.40	.85	.35	2.48
61	.81	.88	.68	.92	.70	.99	1.83	.79	1.44	.56	.41	.63	1.83
62	.43	.52	.64	.67	.61	1.18	1.75	1.29	.99	.65	.81	.45	1.75
63	.29	.38	.48	.65	.70	.60	.86	.76	.52	.23	.52	.38	.86
64	.76	.18	.97	.84	.87	.64	.91	1.40	.46	.74	.64	.64	1.40
65	.35	.38	.13	.72	.40	1.71	.71	1.38	.96	.53	.85	.30	1.71
66	.44	1.08	1.01	.29	.53	.77	.56	1.26	1.01	.43	.57	.61	1.26
67	.65	.27	.16	.81	.76	.56	2.04	1.04	1.22	1.14	.53	1.08	2.04
68	.25	.27	1.36	1.35	.58	.68	.59	.69	.84	1.03	.69	.93	1.36
69	.82	.23	.55	.76	1.14	1.12	.61	.62	.68	.50	1.40	1.57	1.57
70	.18	.60	.30	1.19	.75	1.45	1.11	1.12	1.92	.53	.41	.84	1.92
71	.52	.66	1.42	.83	.66	.81	1.39	2.38	.77	1.15	.64	.52	2.38
72	.20	.56	.79	.66	.96	2.60	1.72	.66	.61	1.04	.70	.38	2.60
73	.95	.55	.93	.98	1.30	1.75	1.26	1.59	1.32	.46	.53	1.68	1.75
74	.44	.71	.70	.93	.94	1.87	.65	1.32	.81	.20	.79	.69	1.87
75	.68	.43	1.04	.60	.34	.45	1.35	.75	1.06	.87	.73	.74	1.35
76	1.05	.76	.43	.97	1.51	1.43	.55	1.07	1.48	1.23	.36	1.09	1.51
77	.50	.75	.60	.92	.20	.30	1.08	2.36	1.67	1.25	1.24	1.31	2.36
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT 48-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV.	DEC	ALL MONTHS
78	1.27	.12	1.21	.52	.78	.79	.92	.59	.75	1.02	.30	.76	1.27
79	.92	.30	.79	.92	.85	.83	.31	.72	1.63	1.03	1.47	.71	1.63
80	.26	.25	.63	.63	.50	.75	2.03	.89	.86	.68	.94	.28	2.03
81	.13	1.75	.38	.62	1.78								
MEAN	.551	.633	.671	.785	.841	1.103	1.112	1.188	1.092	.826	.790	.813	1.875
S.D.	.294	.389	.322	.210	.478	.556	.538	.676	.507	.352	.380	.507	.524
TOTAL OBS	1054	961	1054	1020	1054	990	1023	1023	990	1023	990	1023	12205

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

...L...AL CLIMATOLOGY BRANCH
...ETAC
A... ...EATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT 48-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
48	1.41	1.01	1.99	2.94	3.03	2.86	4.54	3.41	.87	2.51	5.17	2.53	32.29
49	2.09	2.08	1.40	2.34	1.58	1.09	4.70	4.42	2.64	1.46	2.62	1.80	28.22
50	2.42	1.31	2.79	1.52	1.58	2.38	2.41	3.90	2.45	1.61	4.36	4.10	30.83
51	1.72	3.69	2.57	3.55	1.63	3.17	4.46	2.06	4.10	2.25	4.48	2.19	35.87
52	1.64	2.10	1.73	2.63	3.14	4.02	2.14	3.30	2.26	2.28	.63	4.12	29.99
53	1.88	1.38	3.03	3.51	3.31	2.67	1.29	5.81	1.52	2.26	1.38	1.94	29.98
54	2.12	3.98	2.41	4.27	3.30	3.89	2.18	3.60	4.22	2.83	3.08	3.49	39.37
55	.56	2.79	3.27	2.16	4.25	4.05	3.10	11.54	3.15	4.31	2.78	.71	42.67
56	1.92	1.78	2.37	2.47	4.74	2.92	4.06	2.00	3.91	1.58	1.67	1.80	31.22
57	1.23	.90	.95	2.11	2.95	7.35	5.34	.72	3.27	1.55	3.07	3.93	35.59
58	3.74	2.21	1.06	2.84	2.93	3.77	3.89	3.06	3.88	4.66	1.89	.82	34.75
59	2.72	1.98	1.31	1.57	1.49	3.41	1.81	3.38	2.03	6.22	5.07	2.55	35.55
60	1.24	1.98	1.42	2.64	3.64	3.51	3.37	1.53	4.90	4.04	1.96	.62	30.85
61	.93	1.65	1.56	3.96	2.63	3.71	4.98	3.24	2.69	2.50	2.31	1.75	31.91
62	1.07	1.36	1.86	2.59	2.24	2.66	5.93	3.46	3.56	3.28	2.75	1.73	32.49
63	1.14	1.22	2.35	2.52	2.37	1.90	2.79	5.11	1.42	.50	3.95	.96	26.23
64	2.27	.63	2.64	2.11	4.67	3.00	2.87	4.10	1.49	2.20	2.10	1.63	29.71
65	.60	.93	.38	2.16	1.05	4.08	2.91	6.27	3.19	3.32	2.65	1.47	29.01
66	2.02	2.49	2.63	.93	2.49	2.63	1.92	4.46	3.33	1.41	1.41	2.82	28.54
67	1.65	.77	.51	3.77	3.19	3.12	4.60	3.79	3.06	3.03	2.12	2.61	32.22
68	1.26	1.28	3.23	3.54	2.43	3.66	2.70	2.36	2.06	2.73	4.37	3.12	32.74
69	2.43	.94	1.93	2.93	3.10	4.01	2.40	3.71	1.88	1.62	4.98	4.59	34.52
70	.65	1.95	2.01	2.78	3.14	4.38	1.92	3.44	3.93	2.66	2.35	3.77	32.98
71	1.24	2.98	2.71	2.65	2.97	2.29	4.29	4.85	1.63	2.16	2.29	1.93	31.99
72	.93	1.69	3.58	2.26	2.83	6.52	6.12	2.35	1.69	2.60	4.10	3.43	38.10
73	2.13	1.55	2.09	3.80	5.38	7.69	3.02	5.41	5.02	1.93	2.31	5.95	46.28
74	1.90	1.54	2.73	3.47	4.61	4.45	3.70	2.60	3.23	.78	3.60	2.08	34.69
75	2.20	2.01	2.86	1.71	1.17	2.47	3.77	2.85	4.12	3.85	3.14	2.36	32.51
76	2.99	2.85	2.35	2.54	5.86	4.04	3.05	4.69	3.77	4.34	1.63	1.97	40.08
77	1.61	1.78	2.97	3.13	.29	2.06	3.34	6.27	6.33	5.02	4.22	3.42	40.44
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 48-81 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
78	4.69	.21	2.98	2.51	2.16	4.36	3.50	1.82	2.07	3.72	.95	2.11	31.08
79	4.50	.60	2.15	3.61	3.12	1.39	1.23	3.42	3.84	2.31	3.89	1.50	31.56
80	.61	.67	2.44	2.39	1.61	1.92	6.11	3.83	4.41	2.48	2.92	1.50	30.89
81	.49	5.38	1.32	3.05	3.76								
MEAN	1.623	1.814	2.164	2.734	2.901	3.498	3.468	3.872	3.088	2.727	2.915	2.464	33.391
S.D	1.024	1.067	.793	.758	1.253	1.481	1.339	1.908	1.237	1.257	1.227	1.218	4.387
TOTAL OBS	1054	961	1054	1020	1054	990	1023	1023	990	1023	990	1023	12205

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

14742 STATION | BURLINGTON INTL VT STATION NAME | 48-81 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	2[illegible].7	27.2	17.6	14.7	4.9	2.8	1.4	1.9	.6	.3				44.1	1054	1[illegible].3	42.4	3.0
FEB	34.3	27.5	13.4	12.8	4.6	2.4	2.2	1.4	1.1	.3				38.2	961	16.5	34.3	1.3
MAR	4[illegible].2	22.3	11.4	9.3	3.5	2.1	1.1	1.2	.7	.2				29.5	1054	13.1	33.1	.3
APR	7[illegible].9	13.7	3.2	3.1	1.0	.6	.4	.3	.1	.1				8.8	1020	3.6	16.8	TRACE
MAY	97.3	2.1	.4	.2			.1							.7	1054	.2	3.9	.0
JUN	1[illegible]0.0														990	.0	.0	.0
JUL	1[illegible]0.0														1023	.0	.0	.0
AUG	100.0														1023	.0	.0	.0
SEP	99.6	.4													990	TRACE	TRACE	.3
OCT	9[illegible].3	8.4	1.0	.2				.1						1.3	1023	.3	5.1	.0
NOV	59.9	21.8	7.5	5.5	1.9	1.2	1.2	.5	.5					18.3	990	7.4	19.2	TRACE
DEC	29.0	29.3	17.1	12.6	3.8	3.0	1.7	1.3	1.7	.4	.1			41.6	1023	19.9	56.7	2.1
ANNUAL	72.1	12.7	6.0	4.9	1.6	1.0	.7	.6	.4	.1	.0			15.2	12205	79.3		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT 48-61
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
48	4.3	5.8	4.0	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.7	5.8
49	3.9	3.8	2.4	.2	.0	.0	.0	.0	.0	.2	2.0	3.1	3.9
50	5.6	3.7	2.5	.9	.0	.0	.0	.0	TRACE	TRACE	2.8	2.4	5.6
51	4.4	5.3	3.4	2.7	.0	.0	.0	.0	.0	TRACE	4.7	9.6	9.6
52	2.8	9.4	5.2	TRACE	TRACE	.0	.0	.0	.0	.8	3.7	9.4	9.4
53	5.5	7.0	.2	4.6	TRACE	.0	.0	.0	.0	.0	.4	1.6	7.0
54	10.3	7.7	7.0	.8	.0	.0	.0	.0	.0	TRACE	1.5	7.1	10.3
55	2.3	8.6	5.2	1.9	.0	.0	.0	.0	.0	TRACE	3.4	2.6	8.6
56	3.4	6.3	7.3	.2	.3	.0	.0	.0	TRACE	TRACE	3.3	5.2	7.3
57	5.3	.4	7.2	.8	TRACE	.0	.0	.0	TRACE	TRACE	1.7	6.0	7.2
58	8.3	12.1	3.4	.5	TRACE	.0	.0	.0	.0	TRACE	9.2	3.5	12.1
59	12.5	4.7	7.2	.1	.0	.0	.0	.0	.0	TRACE	4.1	6.5	12.5
60	2.3	6.3	4.7	.6	.0	.0	.0	.0	.0	TRACE	.7	5.5	6.3
61	14.5	1.3	9.1	2.9	TRACE	.0	.0	.0	.0	TRACE	2.4	8.6	14.5
62	3.2	10.7	4.5	1.4	.0	.0	.0	.0	.0	.1	2.1	7.0	10.7
63	5.8	3.9	5.0	.9	TRACE	.0	.0	.0	TRACE	TRACE	2.8	4.9	5.8
64	2.2	1.9	12.1	4.3	.0	.0	.0	.0	.0	.1	.5	8.3	12.1
65	5.4	1.4	1.8	.7	.0	.0	.0	.0	.0	.4	3.9	3.4	5.4
66	6.9	13.1	2.2	2.1	3.5	.0	.0	.0	.0	TRACE	2.2	10.6	13.1
67	4.4	4.0	2.8	4.1	1.4	.0	.0	.0	.0	TRACE	3.3	9.0	9.0
68	3.6	7.9	4.2	TRACE	.0	.0	.0	.0	.0	TRACE	4.3	8.5	8.5
69	5.4	4.6	3.0	3.7	.0	.0	.0	.0	.0	5.1	6.7	14.5	14.5
70	2.3	3.2	2.5	1.3	.4	.0	.0	.0	.0	.1	2.5	11.0	11.0
71	3.4	5.6	13.3	7.3	.0	.0	.0	.0	.0	.0	8.6	6.6	13.3
72	3.0	7.9	4.7	4.8	.0	.0	.0	.0	.0	TRACE	4.7	5.8	7.9
73	4.9	9.2	.8	3.0	.0	.0	.0	.0	.0	.1	1.6	12.5	12.5
74	4.2	4.1	7.0	13.0	.0	.0	.0	.0	.0	.1	3.9	3.8	13.0
75	4.8	5.3	3.1	4.8	.0	.0	.0	.0	.0	TRACE	4.1	6.5	6.5
76	5.9	6.5	6.1	.4	TRACE	.0	.0	.0	.0	.4	4.8	2.2	6.5
77	6.2	6.0	4.3	1.8	TRACE	.0	.0	.0	.0	.0	9.6	4.1	9.6
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

14242 BURLINGTON INTL VT 48-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
7c	1c.6	2.4	5.4	.9	TRACE	.0	.0	.0	.0	TRACE	3.5	16.9	16.9
72	7.3	3.3	.8	3.4	.0	.0	.0	.0	.0	1.4	.3	2.0	7.3
83	.9	3.2	10.0	.3	.0	.0	.0	.0	.0	TRACE	9.8	4.8	10.0
81	1.2	4.2	3.2	1.1	.0								
MEAN	5.12	5.60	4.87	2.22	.16	.00	.00	.00	TRACE	.26	3.61	6.48	9.51
S.D	3.071	3.025	3.035	2.631	.640	.000	.000	.000	.000	.914	2.625	3.797	3.189
TOTAL OBS	1054	961	1054	1020	1054	990	1023	1023	990	1023	990	1023	12205

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT 48-81
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
48	18.3	9.8	12.3	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	2.1	42.5
49	17.5	11.6	7.5	.2	.0	.0	.0	.0	.0	.0	8.1	7.1	52.0
50	20.0	19.7	11.0	.9	.0	.0	.0	.0	TRACE	TRACE	4.8	10.9	67.3
51	12.6	12.2	7.0	3.0	.0	.0	.0	.0	.0	TRACE	14.4	24.7	73.9
52	8.7	23.2	11.6	TRACE	TRACE	.0	.0	.0	.0	.8	4.3	20.2	68.8
53	12.3	14.7	.3	4.6	TRACE	.0	.0	.0	.0	.0	.4	4.1	36.4
54	33.0	29.9	15.3	.9	.0	.0	.0	.0	.0	TRACE	4.0	26.1	109.2
55	7.6	21.0	21.8	1.9	.0	.0	.0	.0	.0	TRACE	5.5	13.2	71.0
56	16.7	18.8	28.0	.2	.3	.0	.0	.0	TRACE	TRACE	10.3	22.0	96.3
57	12.5	1.3	8.6	1.0	TRACE	.0	.0	.0	TRACE	TRACE	1.8	12.0	37.2
58	33.7	34.3	12.3	.8	TRACE	.0	.0	.0	.0	TRACE	11.2	9.3	101.6
59	29.2	24.4	13.1	.1	.0	.0	.0	.0	.0	TRACE	6.8	22.4	96.0
60	16.3	19.3	8.0	.9	.0	.0	.0	.0	.0	TRACE	.7	9.1	54.0
61	15.9	2.4	16.5	7.0	TRACE	.0	.0	.0	.0	TRACE	5.9	21.1	68.8
62	6.9	24.3	15.0	3.6	.0	.0	.0	.0	.0	.1	4.3	16.8	71.0
63	12.8	15.8	21.5	1.3	TRACE	.0	.0	.0	TRACE	TRACE	4.4	14.8	70.6
64	7.5	8.8	14.4	6.5	.0	.0	.0	.0	.0	.1	1.2	23.0	61.5
65	11.8	4.3	7.9	1.1	.0	.0	.0	.0	.0	.4	12.4	11.9	49.8
66	41.3	28.5	8.3	4.9	3.9	.0	.0	.0	.0	TRACE	2.4	36.2	125.5
67	20.5	12.6	6.1	4.7	2.6	.0	.0	.0	.0	TRACE	10.3	17.1	73.9
68	18.4	24.8	14.5	TRACE	.0	.0	.0	.0	.0	TRACE	18.8	28.6	105.1
69	15.8	17.0	12.4	3.7	.0	.0	.0	.0	.0	5.1	10.5	50.8	115.3
70	11.1	13.8	10.5	2.4	.4	.0	.0	.0	.0	.1	2.7	56.7	97.7
71	17.1	23.1	33.1	12.6	.0	.0	.0	.0	.0	.0	19.2	19.3	124.4
72	14.3	25.1	21.8	9.2	.0	.0	.0	.0	.0	TRACE	12.2	39.0	121.6
73	11.4	18.5	2.3	6.3	.0	.0	.0	.0	.0	.1	2.6	24.1	65.3
74	21.5	9.9	20.9	16.8	.0	.0	.0	.0	.0	.1	11.5	16.8	97.5
75	14.8	22.0	12.4	13.3	.0	.0	.0	.0	.0	TRACE	5.3	16.0	83.8
76	28.3	20.4	18.8	.9	TRACE	.0	.0	.0	.0	.9	13.3	11.5	94.1
77	24.2	16.4	9.6	1.8	TRACE	.0	.0	.0	.0	.0	16.0	22.6	90.6
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 48-81 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV.	DEC	ALL MONTHS
78	42.4	4.0	12.5	1.9	TRACE	.0	.0	.0	.0	TRACE	5.7	24.1	90.6
79	37.9	6.6	1.6	8.4	.0	.0	.0	.0	.0	1.5	.4	6.0	62.4
80	3.0	11.6	16.8	.3	.0	.0	.0	.0	.0	TRACE	12.2	17.5	61.4
81	8.7	11.9	13.3	1.1	.0								
MEAN	18.34	16.53	13.15	3.63	.21	.00	.00	.00	TRACE	.28	7.38	19.91	79.91
S.D	10.034	8.133	7.027	4.237	.792	.000	.000	.000	.000	.925	5.460	12.107	25.005
TOTAL OBS	1054	961	1054	1020	1054	990	1023	1023	990	1023	990	1023	12205

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

14742 STATION | BURLINGTON INTL VT STATION NAME | 48-81 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	5.7	11.1	10.8	8.6	7.7	17.6	24.6	12.3	2.1	.1				83.9	1054			
FEB	2.3	13.5	9.6	8.0	8.2	16.8	26.8	13.9	.8					84.2	961			
MAR	22.4	21.5	9.4	7.4	5.2	12.2	14.4	6.6	.9					56.1	1053			
APR	84.6	7.6	2.7	1.8	1.0	1.5	.8							7.7	1020			
MAY	99.6	.2	.2											.2	1054			
JUN	100.0														990			
JUL	100.0														1023			
AUG	100.0														1023			
SEP	100.0														990			
OCT	98.2	1.5	.1		.1	.1								.3	1023			
NOV	70.0	12.7	7.7	3.3	2.4	2.9	.9							17.3	988			
DEC	19.7	17.8	14.8	8.0	8.3	14.0	13.3	3.1	1.1					62.5	1015			
ANNUAL	66.8	7.2	4.6	3.1	2.7	5.4	6.7	3.0	.4	.0				26.0	12194			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT 48-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
48	13	12	14	0	0	0	0	0	0	0	TRACE	2	14
49	6	10	5	TRACE	0	0	0	0	0	0	2	3	10
50	6	8	5	1	0	0	0	0	0	0	1	3	8
51	7	6	2	2	0	0	0	0	0	0	4	14	14
52	3	14	11	TRACE	0	0	0	0	0	1	2	10	14
53	9	5	TRACE	1	0	0	0	0	0	0	TRACE	1	9
54	13	14	8	3	0	0	0	0	0	0	1	4	14
55	2	9	6	1	0	0	0	0	0	0	3	4	9
56	6	10	14	2	0	0	0	0	0	0	3	5	14
57	6	5	7	1	TRACE	0	0	0	0	TRACE	2	9	9
58	19	33	15	TRACE	0	0	0	0	0	0	10	9	33
59	24	13	10	TRACE	0	0	0	0	0	0	1	12	24
60	11	10	5	0	0	0	0	0	0	0	1	5	11
61	17	5	10	2	0	0	0	0	0	0	2	14	17
62	13	17	12	3	0	0	0	0	0	TRACE	2	9	17
63	9	15	21	TRACE	0	0	0	0	0	0	3	7	21
64	40	4	12	5	0	0	0	0	0	0	TRACE	11	40
65	5	5	3	TRACE	0	0	0	0	0	TRACE	6	3	6
66	17	22	9	1	1	0	0	0	0	0	TRACE	14	22
67	14	8	5	3	1	0	0	0	0	0	3	11	14
68	11	10	10	0	0	0	0	0	0	0	7	19	19
69	25	14	15	3	0	0	0	0	0	5	7	33	33
70	28	19	16	2	0	0	0	0	0	TRACE	1	32	32
71	20	21	31	9	0	0	0	0	0	0	9	11	31
72	9	16	10	2	0	0	0	0	0	0	4	9	16
73	5	8	5	2	0	0	0	0	0	0	1	10	10
74	12	4	8	12	0	0	0	0	0	TRACE	4	6	12
75	9	12	5	7	0	0	0	0	0	0	3	12	12
76	18	11	7	TRACE	0	0	0	0	0	TRACE	5	5	18
77	18	17	6	2	0	0	0	0	0	0	6	13	18
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT 48-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
7	29	14	12	1	0	0	0	0	0	0	4	16	29
7	13	13	7	4	0	0	0	0	0	TRACE	TRACE	2	13
80	1	4	11	0	0	0	0	0	0	0	8	9	10
81	7	8	4	0	0								
MEAN	15.1	11.6	9.4	2.0	.1	.0	.0	.0	.0	.2	3.2	9.9	17.4
S.D.	8.663	6.213	5.899	2.725	.239	.000	.000	.000	.000	.882	2.744	7.354	8.652
TOTAL OBS	1054	961	1054	1020	1054	990	1023	1023	990	1023	990	1023	12205

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

Values for mean [illegible] measurements from incomplete months.

C

74-29962

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

14742 STATION — BURLINGTON INTL VT STATION NAME — 75-81 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH		JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS	
75		SW	32S	36S	42S	32S	28S	38SW	33S	34S	31S	38S	37		
76	S	32S	45SW	42NW	32S	37NW	33S	28W	29S	37S	33S	34S	45	S	45
77	S	33SE	35W	35NW	40S	30S	32SW	29S	25S	28S	25S	34S	31	NW	40
78	E	39NW	29NW	41NW	33W	39S	35NW	50S	30S	40S	39S	45W	42	NW	50
79	S	39NW	33SE	49NW	37SE	31S	34S	26SW	30S	35S	36S	37S	40	SE	49
80	S	39W	30S	39S	32S	32S	27NW	33S	32S	34SW	35S	36NW	34	S	39
81	NW	37S	45NW	30S	45SE	30									
MEAN		36.5	35.6	38.9	37.3	33.0	31.5	34.0	29.8	34.7	33.2	37.3	38.2		48.6
S.D.		3.209	6.729	6.040	5.219	3.559	3.271	8.922	2.787	3.983	4.834	4.082	5.193		5.030
TOTAL OBS		185	198	217	209	215	183	186	186	180	186	180	184		2306

NOTES * (BASED ON LESS THAN FULL MONTHS)

$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

... 42 (STATION) | BURLINGTON INTL VT (STATION NAME) | 74-81 (YEARS) | JA... (MONTH)

ALL WEATHER (CLASS) | ...00-1200 (HOURS (L.S.T.))

- (CONDITION)

SPEED (KNTS) DIR.	1 - 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	4.2	5.2	1.2								11.6	7.0
NNE	.1	.7	.7									1.5	6.2
NE	.9	2.0	.4									3.4	4.9
ENE	1.9	5.6	.9									8.5	4.8
E	3.5	3.2	.1									6.2	3.3
ESE	1.6	1.6		.1	.3							3.6	5.7
SE	1.1	1.2	.8	.5								3.6	6.3
SSE	.5	.7	1.3	.9								3.5	7.8
S	1.5	3.5	6.9	10.3	1.5	.1						23.8	10.6
SSW		1.1	1.7	.3								3.1	7.5
SW		.5	.5	.4								1.5	8.3
WSW		.4	.8	.8								2.0	10.1
W	.5	.3	1.3	2.4								4.6	10.1
WNW	.4	.7	2.3	1.5	.1							5.0	9.0
NW	.4	1.6	3.0	3.0	.1							8.1	9.3
NNW	.5	2.2	3.6	.9	.1							7.4	7.6
VARBL													
CALM												2.5	
	13.3	29.4	29.7	22.4	2.2	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...TAC
A... FATHER SERVICE/MAC

SURFACE WINDS

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

...42 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) JA... (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	4.1	3.8	1.3								10.0	7.2
NNE	.3	.8	.5	.1								1.7	6.3
NE	.5	1.3										1.9	4.3
ENE	1.9	6.3	.4									8.6	4.3
E	2.4	3.5	.1	.3								6.3	4.3
ESE	2.3	1.1	.1									4.0	3.3
SE	.0	1.5	.3	.1	.4							3.2	6.5
SSE	1.1	1.1	2.0	.7	.1							5.0	7.5
S	2.0	3.0	7.1	9.8	1.6	.1						23.7	10.4
SSW	.5	1.3	.7	.1								2.7	5.7
SW	.4	.9	.5	.3								2.2	6.4
WSW	.4	.4	.7	1.1	.1							2.7	9.1
W	.3	.4	1.3	2.0								4.0	9.9
WNW	.3	1.3	2.3	1.9	.1							5.9	9.0
NW	.5	1.2	2.3	1.6								5.7	9.5
NNW	.4	2.3	4.6	2.3	.1							9.7	8.6
VARBL													
CALM												2.7	
	15.6	38.6	26.8	21.7	2.6	.1						105.3	7.5

TOTAL NUMBER OF OBSERVATIONS 743

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...42 (STATION) ...RLINGTON INTL VT (STATION NAME) 74-81 (YEARS) JA. (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.4	4.8	1.5								10.6	7.4
NNE	.3	1.7	.7	.1								2.8	6.2
NE	1.1	2.4	.3									3.8	4.2
ENE	2.2	5.8	.9									8.9	4.4
E	1.9	3.2	.5	.3								5.9	4.5
ESE	2.0	2.2	.3	.4								5.6	4.4
SE	1.5	.9	.9	.3	.1							3.4	5.0
SSE	.5	1.2	1.5	.3	.1							3.6	6.5
S	1.2	3.9	6.0	9.1	1.9	.1						22.3	10.6
SSW	.4	1.6	1.6									3.5	6.7
SW	.3		.1	.4								.8	6.2
WSW	.1	.1	.5	.3	.1	.1						1.3	10.9
W	.3	.9	1.2	1.6	.3							4.2	9.6
WNW	.1	.7	1.5	1.7	.3							4.3	9.3
NW	.8	1.3	1.2	2.8	.4							5.6	9.7
NNW	.6	1.6	4.7	1.3	.1							8.6	8.1
VARBL													
CALM												3.2	
	15.6	30.8	26.9	24.2	3.4	.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 744

L AL CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

14764 BURLINGTON INTL VT 74-81 JAN
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.7	5.5	2.7								11.7	8.0
NNE	.3	2.0	1.6	.4								4.3	6.9
NE	.5	2.6	.5									3.6	5.2
ENE	2.8	2.5	.7									6.3	4.1
E	1.5	.7	.4									2.6	4.3
ESE	.9	1.5	.3	.3	.1							3.1	5.7
SE	.8	.5	.1	.1								1.6	4.7
SSE	.3	1.1	.9	1.2	.1							3.6	8.2
S	1.1	6.3	11.6	9.7	3.1	.5						32.3	10.3
SSW	.4	.9	1.2	1.2								3.5	6.5
SW	.5	.3	.1	.1								1.1	5.5
WSW		.1	.1	.7								.9	11.1
W	.1	.4	1.1	1.5	.5							3.6	11.3
WNW	.3	.8	1.5	2.2	.1							4.8	9.6
NW	1.1	1.5	2.0	2.7	.4							7.7	9.1
NNW	.7	2.4	3.2	1.5	.1							7.9	7.8
VARBL													
CALM												1.2	
	12.1	26.5	30.9	24.2	4.6	.5						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 744

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

L AL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 BURLINGTON INTL VT 74-81 JAN
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.1	6.2	2.8	.4							14.0	8.3
NNE	.8	1.3	.9	.3								3.4	5.9
NE	.7	.4	.3									1.3	4.5
ENE	.5	1.1	.1									1.7	4.2
E	.5											.5	3.0
ESE	.5	.3										.8	2.8
SE	.7	.7	.1	.1								1.6	4.8
SSE	.8	.4	.4	1.1		.3						3.0	7.5
S	1.6	5.1	12.2	12.6	3.1	.9						35.6	10.7
SSW	.1	1.2	1.9	1.5								4.7	8.9
SW	.1	.7	.5	.3								1.6	8.1
WSW		.4	.3	.7								1.3	9.3
W	.4	.8	.9	2.2	.1	.1						4.6	10.3
WNW	.5	.3	1.5	1.5								3.8	9.0
NW	.7	2.4	4.0	2.2	.1							9.4	8.4
NNW	1.1	2.3	4.2	2.8	.1							10.5	9.4
VARBL													
CALM												2.2	
	10.6	20.4	33.6	28.0	3.9	1.3						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 744

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

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 4	...URLINGTON INTL VT	74-81	JA[illegible]

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1500-1703

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	4.6	9.0	3.0								16.9	8.1
NNE	.4	1.1	2.3	.1								3.9	6.9
NE	.5	.6	1.3									2.7	6.2
ENE	.7	.5	.9									2.2	5.5
E	.3	.5	.3									1.1	5.1
ESE	.8	.7	.7	.1								2.3	5.9
SE	.8	.9	.4									2.0	4.4
SSE	.4	.9	1.9	.8								4.0	7.5
S	1.7	6.5	9.0	8.1	1.7	.7						27.7	9.7
SSW	.7	1.1	.7	.5								3.0	6.5
SW	.4	.9	.8	1.1								3.2	7.9
WSW	.4	.3	.7	.7		.1						2.2	9.1
W	.5	.5	1.5	3.2	.1							5.9	10.2
WNW	.6	.7	1.3	1.9	.3							5.0	9.4
NW	.5	2.6	2.0	2.6	.3							7.9	8.9
NNW	.3	2.6	3.0	2.3								8.1	8.5
VARBL													
CALM												2.0	
	9.6	25.0	35.8	24.4	2.4	.8						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 743

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
2[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

14742 | BURLINGTON INTL VT | 74-81 | JAN
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	5.6	5.0	2.4								13.6	7.3
NNE	.1	2.2	.7	.1								3.1	5.6
NE	.5	2.2	.8									3.5	5.3
ENE	.8	2.6	.7									4.0	4.9
E	1.9	1.7	.1									3.8	3.4
ESE	2.4	.9	.4	.3								4.0	4.2
SE	.8	1.2	.8									2.8	5.2
SSE	.3	1.5	1.9	.8								4.4	7.6
S	1.7	4.3	6.6	8.9	.5	.5						22.6	9.7
SSW	.3	1.3	.8	.5								3.0	7.1
SW	.8	.7	.5	.4								2.4	6.1
WSW	.4	.4	.7	.9	.1							2.6	8.6
W	.1	.4	1.7	2.8	.5							5.6	11.1
WNW	.5	.8	1.7	3.8	.1							7.0	10.5
NW	.5	2.2	1.5	2.2								6.3	8.2
NNW	.8	2.8	3.6	2.0								9.3	7.6
VARBL													
CALM												2.0	
	12.6	30.8	27.6	25.1	1.3	.5						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

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

AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.9	4.0	2.2								11.2	7.6
NNE	1.3	1.9	.8									4.0	4.9
NE	1.1	1.1	.4									2.6	4.3
ENE	1.7	3.0	.9									5.6	4.7
E	2.3	3.6	.1									6.0	4.1
ESE	2.6	3.0	.5	.3								6.3	4.5
SE	1.3	1.1	.7	.3								3.4	4.9
SSE	.8	1.3	1.9	1.3								5.4	7.0
S	1.3	3.5	6.0	10.6	1.1	.5						23.1	10.0
SSW	.7	.7	.4	.3								2.0	5.5
SW	.4	.3	.3	.3								1.2	6.7
WSW		.1	.5	.7	.1							1.5	10.7
W		.3	2.0	2.6	.1							5.0	10.9
WNW	.7	1.7	1.2	3.4	.3							6.9	10.2
NW		1.6	2.8	2.4	.3							7.1	9.6
NNW	.3	1.3	3.9	1.3	.1							7.0	8.4
VARBL													
CALM												1.7	
	15.2	28.4	26.6	25.5	2.0	.5						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 744

AL CLIMATOLOGY BRANCH
ETAC
FATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.9	5.4	2.1	.1							12.4	7.7
NNE	.5	1.5	1.0	.2								3.1	6.1
NE	.7	1.6	.5									2.8	4.9
ENE	1.6	3.5	.7									5.7	4.5
E	1.7	2.1	.2	.1								4.1	4.1
ESE	1.2	1.4	.3	.2	.1							3.7	4.5
SE	1.0	1.0	.5	.2	.1							2.8	5.5
SSE	.6	1.2	1.5	.9	.1	.0						4.1	7.8
S	1.5	4.5	8.2	9.9	1.8	.5						26.4	10.3
SSW	.4	1.1	1.1	.6								3.2	7.2
SW	.4	.5	.4	.4								1.7	7.2
WSW	.2	.3	.5	.7	.1	.0						1.8	9.7
W	.3	.5	1.4	2.3	.2	.0						4.7	10.4
WNW	.4	.9	1.7	2.2	.2							5.3	9.6
NW	.6	1.8	2.4	2.4	.2							7.3	8.9
NNW	.6	2.2	3.8	1.8	.1							8.6	8.1
VARBL													
CALM												2.2	
	13.1	27.7	29.7	23.9	2.8	.5						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 5950

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

[illegible] CLIMATOLOGY BRANCH
[illegible]-ETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] BURLINGTON INTL VT — 74-81 — FEB

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0000-2300

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.2	2.7	.4	.6							6.3	7.8
NNE	.7	1.6	.4									2.8	4.5
NE	1.8	1.0	.1									2.9	3.5
ENE	3.2	5.5	.1									8.8	4.0
E	6.0	4.4	.1									10.6	3.5
ESE	3.8	2.1	.4									6.3	3.7
SE	1.8	1.6	.4	.1	.1							4.1	4.9
SSE	1.2	1.6	.7	.4	.3							4.3	6.4
S	1.9	4.6	6.5	6.9	1.5	.3						21.7	9.6
SSW	.3	1.0	.6	.3								2.2	6.3
SW	.4	1.0	.4	.1								2.1	5.6
WSW	.3	.1	.3	.3								1.0	7.9
W	.6	.7	1.6	1.3								4.3	9.1
WNW	.9	.6	1.9	.1	.4							4.0	8.3
NW	.4	1.0	2.7	2.8	.1							7.1	9.4
NNW	.3	1.0	2.2	3.4	.7							7.7	11.0
VARBL													
CALM												3.7	
	24.2	30.2	21.4	16.4	3.8	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 678

AL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 BURLINGTON INTL VT 74-81 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0600
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.2	3.5	1.8	.4							8.7	8.7
NNE	.6	.7	.4									1.7	4.8
NE	1.5	1.3	.1									2.9	3.3
ENE	3.1	5.3	.1	.1								8.7	4.1
E	5.2	4.9	.1									10.2	3.6
ESE	3.5	2.2	.9									6.6	3.7
SE	1.2	.9	1.5	.1	.4							4.1	7.7
SSE	.6	1.5	1.2	1.3								4.6	7.8
S	1.8	4.6	5.6	7.8	.6	.1						20.5	9.6
SSW	.7	.6	1.0									1.9	6.5
SW	.3	.4	.4									1.2	5.3
WSW	.1	.7	1.0	.4								2.4	7.8
W	.1	1.8	1.6	.7	.3	.1						4.7	9.1
WNW	.6	1.5	1.8	.7	.1							4.7	7.5
NW	.4	.6	1.6	1.8	.3							4.7	9.8
NNW	.6	1.0	3.1	3.8	.1							8.7	10.3
VARBL													
CALM												3.5	
	20.5	30.2	24.2	18.7	2.4	.3						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 678

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

L. TAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14 4 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.5	5.3	1.3								10.6	7.3
NNE	.1	1.2	.7	.1								2.2	6.3
NE	1.2	1.2	.6									2.9	4.3
ENE	3.5	4.3	.4									8.3	3.6
E	5.2	4.6										9.7	3.5
ESE	2.2	2.7	.6									5.5	4.1
SE	1.3	.9	1.3	.3								3.8	5.6
SSE	.7	1.2	2.4	.9								5.2	7.5
S	1.6	2.5	6.2	10.0	.7	.1						21.4	10.1
SSW	.3	.6	.1	.1								1.2	6.8
SW	.4	.6	.6	.3								1.9	6.4
WSW		.9	.9	.3	.1							2.2	8.0
W	.1	.7	2.1	1.5								4.4	9.4
WNW	.9	.9	1.3	1.6	.3							5.0	8.7
NW	.3	1.8	1.5	2.2								5.8	8.8
NNW	.6	.4	3.1	3.2	.1							7.5	10.3
VARBL													
CALM												2.4	
	26.2	26.8	27.1	22.0	1.3	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 678

L AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

42	BURLINGTON INTL VT	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.7	4.7	2.7								11.7	7.7
NNE	.6	2.1	.4									3.1	5.0
NE	.1	.6	.4									1.2	5.6
ENE	2.4	1.8	.1									4.3	3.8
E	2.7	1.8	.6									5.0	3.9
ESE	.7	.7	.6									2.1	4.7
SE	1.2	.7	.6	.4								2.9	5.0
SSE	.6	1.0	1.9	2.2	.1							5.8	9.5
S	1.6	4.1	8.6	12.7	1.8	.4						29.2	10.6
SSW	.1	1.0	1.5	.3								2.9	7.2
SW	.3	.4	.7	.1								1.6	7.3
WSW	.4	.3	.9	.3								1.9	7.0
W	.3	.1	1.2	.6								2.2	8.8
WNW	.3	.6	2.1	1.5	.1							4.6	9.6
NW	.6	1.6	3.5	2.5	.3							8.6	9.0
NNW	.4	1.8	4.0	4.6	.1							10.9	9.9
VARBL													
CALM												1.9	
	14.0	21.4	31.9	27.9	2.5	.4						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 678

L...AL CLIMATOLOGY BRANCH
...SAFETAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 BURLINGTON INTL VT 74-81 FEB
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	4.1	3.1	3.5	.1							10.7	8.4
NNE	.4	1.3	1.5	.7								4.0	7.1
NE		1.0	.6	.1								1.8	6.7
ENE	.7	1.0										1.8	3.8
E	.1	.4	.1	.1								.9	6.5
ESE	.6	.7	.4	.1								1.5	5.9
SE		.1	.7	.7	.1							1.8	11.4
SSE	.1	.7	1.2	1.0								3.1	5.7
S	1.0	3.5	7.1	15.5	1.9	.6						29.6	11.3
SSW	.1	.7	1.8	.6								3.2	8.0
SW	.3	1.0	.4	.6								2.4	6.8
WSW		1.2	.9	.7								2.8	8.5
W	.4	1.5	1.8	1.2	.1							5.0	8.2
WNW	.4	1.0	2.2	1.6								5.3	8.9
NW	1.0	2.5	4.0	2.2	.7							10.5	8.6
NNW	.1	1.3	4.9	2.7	.3							9.3	9.5
VARBL													
CALM												.4	
	5.3	22.0	35.7	31.6	3.4	.6						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 678

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1 ...	...PLINGTON INTL VT	74-81	FEB

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	6.5	10.3	4.1	.1							21.7	8.1
NNE	.4	1.5	2.7	.1								4.7	6.6
NE	.1	.6	.7									1.5	6.1
ENE	.1	.9										1.0	4.3
E	.7	.4	.3	.1								1.6	5.3
ESE		.4	.9	.3								1.5	8.5
SE	.3	1.0	.7	.1								2.2	5.5
SSE	.1	.7	.6	1.2	.3							2.9	9.5
S	1.6	3.7	7.8	10.5	1.5	.1	.1					25.4	10.4
SSW	.4	.7	.6	.4								2.2	6.5
SW	.3	.5	.4	.9								2.5	7.5
WSW	.1	.6	.4	.4								1.6	7.7
W	.1	.7	2.5	1.6								5.0	9.6
WNW	.1	1.3	1.2	2.2	.3							5.2	9.7
NW		2.4	4.4	2.1	.3							9.1	9.0
NNW	.3	2.7	3.7	3.8	.4							10.9	9.1
VARBL													
CALM												.7	
	5.6	25.1	37.3	28.0	2.9	.1	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 67...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 BURLINGTON INTL VT 74-81 FEB
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	6.3	6.3	1.6								15.6	7.1
NNE	.4	2.5	1.3	.1								4.4	5.9
NE	.7	3.5	.1									4.4	4.3
ENE	1.6	3.1	.3									5.0	4.1
E	1.2	1.2	.3	.1								2.8	4.6
ESE	1.2	.9	.9	1.0								4.0	6.9
SE	1.3	.9	1.0	1.2								4.4	6.8
SSE	1.0	1.8	1.5	.6								4.9	6.5
S	1.6	2.9	5.6	5.8	1.9	.7	.1					18.7	10.6
SSW	.3	1.5	.9	.3	.1							3.1	6.8
SW		.6	.7	.7								2.1	8.9
WSW	.4	.9	1.0	1.0								3.4	8.5
W	.4	.7	1.3	1.3								3.6	9.4
WNW	.3	1.8	1.9	1.5	.4							5.9	9.1
NW	.6	1.6	2.8	1.8	.4	.1						7.4	9.1
NNW	.7	2.4	4.4	1.8								9.3	7.9
VARBL													
CALM												.7	
	12.8	33.2	30.5	18.9	2.9	.9	.1					100.1	7.7

TOTAL NUMBER OF OBSERVATIONS 678

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

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...4... (STATION)	...BURLINGTON INTL VT (STATION NAME)	74-81 (YEARS)	FEB (MONTH)
ALL WEATHER (CLASS)			2100-2300 (HOURS (L.S.T.))
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.5	2.7	1.0								7.2	7.1
NNE	.4	1.5	.7	.1								2.7	5.6
NE	1.6	1.9	.6									4.1	4.3
ENE	2.7	3.2	.6									6.5	4.1
E	2.0	4.4	1.7									9.4	4.1
ESE	4.1	1.2		.3								5.6	3.5
SE	2.7	.9	.4	.3								4.3	4.5
SSE	1.2	1.5	1.5	1.2	.1							5.5	7.5
S	1.8	2.7	7.1	5.8	2.2							19.5	10.1
SSW	.9	.7	.4	.3								2.4	5.9
SW	.1	.3	.4	.4								1.3	8.4
WSW		1.0	1.2	1.6								3.8	9.6
W	.1	.4	2.2	.7								3.5	8.5
WNW	.3	1.6	1.8	1.0	.3							5.0	8.3
NW	.4	1.8	3.1	2.9	.4							8.7	9.7
NNW	1.2	1.6	2.1	2.4								7.2	8.2
VARBL													
CALM												3.1	
	22.6	27.3	25.8	18.1	3.1							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 673

...AL CLIMATOLOGY BRANCH
...LTAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

... | ...PLINGTON INTL VT | 74-81 | FEB
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.7	5.5	2.1	.2							12.3	7.8
NNE	.5	1.5	1.0	.2								3.2	5.9
NE	.9	1.4	.4	.0								2.7	4.5
ENE	2.2	3.1	.2	.0								5.5	4.3
E	3.1	2.9	.3	.1								6.3	3.9
ESE	2.0	1.3	.6	.2								4.1	4.5
SE	1.2	.9	.8	.4	.1							3.5	6.2
SSE	.7	1.3	1.4	1.1	.1							4.5	7.9
S	1.6	3.6	6.8	9.4	1.5	.3	.0					23.2	10.3
SSW	.4	.9	.9	.3	.0							2.4	6.8
SW	.3	.7	.5	.4								1.9	7.1
WSW	.2	.7	.8	.6	.0							2.4	8.3
W	.3	.9	1.6	1.1	.1	.0						4.1	8.9
WNW	.5	1.2	1.8	1.3	.3							5.0	8.7
NW	.5	1.7	2.9	2.3	.3	.0						7.7	9.1
NNW	.5	1.5	3.4	3.2	.2							8.9	9.5
VARBL													
CALM												2.1	
	15.8	27.0	29.2	22.7	2.8	.4	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 424

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

L AL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

14742	BURLINGTON INTL VT	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0000-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.3	3.6	1.3								8.5	7.5
NNE	.3	.9	.3									1.5	4.7
NE	.9	1.1										2.0	3.6
ENE	2.6	3.1	.4									6.0	4.1
E	4.6	2.6		.1								7.3	3.5
ESE	2.7	1.9	.7		.1							5.4	4.4
SE	1.3	1.5	.8		.1	.1						3.9	6.3
SSE	.9	1.7	1.7	.9	.3							5.6	7.5
S	1.5	3.1	5.6	7.8	2.2	.1						20.3	10.6
SSW	.4	1.2	.1									1.7	4.2
SW	.4	.4	.9									1.7	6.4
WSW	.3	.7	1.7									2.7	7.3
W	.1	.7	2.0	2.0	.4	.1						5.4	11.2
WNW	.3	.8	2.3	1.9	.3	.3						5.8	10.2
NW	.7	2.3	3.5	2.7	.5							9.7	9.2
NNW	1.1	2.2	3.0	3.1	.4							9.7	8.9
VARBL													
CALM												2.7	
	18.8	26.9	26.7	19.9	4.3	.7						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

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

...AL CLIMATOLOGY BRANCH
...TAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

... (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	3.5	1.6	.1							9.0	7.5
NNE	.2	1.2	.4									1.9	5.4
NE	.8	1.3	.3									2.4	4.3
ENE	1.9	3.1										5.0	4.0
E	4.3	2.2	.3									6.7	3.5
ESE	1.9	2.7	.5	.1								5.2	4.6
SE	1.5	1.3	1.2	.1	.4							4.6	6.4
SSE	1.2	1.1	2.6	.4	.1							5.4	7.1
S	1.9	2.9	7.3	7.7	1.9	.5						22.0	10.5
SSW	.4	.3	.3									1.5	4.6
SW	.3	.8	.3									1.3	5.5
WSW	.1	.4	.2	.3								1.7	7.9
W	.4	.8	2.0	2.4	.1							5.8	10.1
WNW	.5	2.2	1.3	3.0	.5							7.5	9.9
NW	.9	2.0	2.8	1.9	.1							7.8	8.1
NNW	.4	2.2	3.9	2.2	.8							9.3	9.4
VARBL													
CALM												2.9	
	13.1	27.3	27.4	19.6	4.2	.5						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

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

...AL CLIMATOLOGY BRANCH
...ATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BURLINGTON INTL VT	74-81	MAR

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	3.4	3.4	3.2								10.6	8.1
NNE	.7	.7	.7									2.0	5.1
NE	.3	1.9	.1									2.3	4.8
ENE	3.2	3.2	.4									6.9	3.5
E	2.5	3.1	.8									6.7	4.0
ESE	1.3	1.7	.5	.1								3.8	4.7
SE	1.7	1.1	.4	.5								3.8	5.6
SSE	1.5	.4	1.7	.3								3.9	6.2
S	2.2	2.3	7.1	9.8	1.9	.5	.1					23.9	11.0
SSW	.5	.3	.7	.5								2.0	7.5
SW	.4	.4	.4	.3								1.5	6.5
WSW	.5	.9	.5	.4								2.4	6.6
W	.3	.5	1.5	2.6								4.8	10.6
WNW	.5	.4	2.2	3.8	.3							7.1	10.9
NW	.3	1.9	2.6	2.3	.5							7.5	9.6
NNW	.5	2.6	3.2	2.6	.1							9.0	8.6
VARBL													
CALM												1.7	
	17.5	24.7	26.2	26.3	2.8	.5	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...42 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.9	4.3	2.2	.3							10.6	8.2
NNE	.4	.7	1.2									2.3	6.4
NE	.1	.3	.1									.5	5.0
ENE	.5	.8										1.3	3.9
E	1.2	.4	.5	.1								2.3	4.3
ESE	.7		.7									1.3	5.6
SE	.1	.9	.5	.3	.3							2.2	8.5
SSE	.5	.7	1.5	1.2	.3	.1						4.3	9.9
S	.4	4.2	6.9	13.4	3.5	.7						29.0	11.7
SSW	.1	.3	1.2	.4	.1							2.7	8.3
SW	.5	.3	.8	.1								1.7	6.2
WSW	.3	.7	.9	.5								2.4	7.7
W	.4	.8	1.3	2.6	.3							5.4	10.2
WNW	.5	1.9	1.2	3.2	.3							7.1	9.8
NW	.8	1.7	3.8	6.0	.8							13.2	10.5
NNW	.9	3.0	4.3	4.3								12.5	9.0
VARBL													
CALM												1.1	
	9.0	19.6	29.3	34.4	5.8	.8						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 744

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

14742	BURLINGTON INTL VT	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.1	5.1	4.3	.3							12.2	9.5
NNE	.3	1.2	.8	.4								2.7	6.8
NE	.4	.1	.4									.9	4.7
ENE	.3	.3	.1									.7	4.4
E	.1	.3	.4									.8	5.8
ESE		.7	1.2	.3								2.2	7.8
SE	.7	.3	.4	.7								2.0	7.6
SSE	.1	.7	1.5	.8	.1	.1						3.4	10.1
S	.5	3.2	7.5	10.5	3.1	.5						25.4	11.7
SSW	.3	.4	1.9	.5								3.1	8.0
SW		.7	.9	.4								2.0	7.8
WSW	.1	.9	1.2	.7								3.0	8.0
W	.4	.9	2.0	3.5								6.7	10.1
WNW	.3	1.6	2.3	3.8	.7							8.6	10.7
NW	.5	2.2	4.4	5.4	2.2	.4						15.1	11.3
NNW	.7	1.6	3.4	4.4	.5							10.6	10.2
VARBL													
CALM												.7	
	5.2	16.9	33.6	35.6	6.9	1.1						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...42 (STATION) ...PLINGTON INTL VT (STATION NAME) 74-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.2	7.1	5.4	.3							15.3	9.4
NNE	.3	.7	.7	.4								2.0	6.9
NE	.4	.4	.1	.3								1.2	6.2
ENE	.4	.4	.1									.9	4.7
E	.4	.1	.1	.3								.9	6.9
ESE	.3	.8	.5	.5	.3							2.4	8.6
SE	.4	.3	.7	.8								2.2	6.5
SSE	.1	.5	1.6	.8	.3	.1						3.5	9.6
S	.4	3.0	7.5	9.1	1.5	.1						21.6	10.5
SSW	.1	.7	1.2	.3								2.3	7.4
SW	.1	.7	.4		.1							1.3	6.6
WSW	.4	.5	.9	.9	.1							3.0	8.9
W	1.1	.3	3.0	3.5	.4							8.7	9.7
WNW	.3	1.2	1.7	3.9	.3							7.4	10.7
NW	.3	1.9	4.2	6.2	1.9	.3						14.7	11.4
NNW	.5	1.9	3.0	4.6	.9	.3						11.2	10.9
VARBL													
CALM												1.3	
	5.9	16.0	32.9	37.0	6.0	.8						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...TAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

...4.2	BURLINGTON INTL VT	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	4.7	5.8	.9								12.8	6.8
NNE	.5	1.3	.1									2.0	4.5
NE	.4	1.6										2.0	4.7
ENE	.5	1.5										2.0	4.3
E	1.1	.9	.1	.1								2.3	4.6
ESE	1.1	1.2	.4	.4								3.1	5.7
SE	1.1	.9	.7	.4	.1							3.2	6.5
SSE	.5	1.6	3.1	1.5								6.7	8.1
S	1.6	4.3	5.6	5.9	.7	.3						18.4	9.2
SSW	.1	.7	1.5	.3								2.6	7.2
SW	.4	.7	.7	.1	.1							2.0	6.3
WSW	.1	.8	1.2	1.1	.1							3.4	8.8
W	.8	.9	2.6	2.8	.3							7.4	9.3
WNW	.5	1.2	3.2	3.1	.1	.1						8.3	9.9
NW	.8	1.9	4.4	3.1	.8							11.0	9.6
NNW	.5	2.3	3.9	2.4	.4	.1						9.7	9.1
VARBL													
CALM												3.1	
	11.6	26.6	33.3	22.2	2.7	.5						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 744

L...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (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	1.0	3.0	1.2	.1							6.9	7.8
NNE	.5	.4	.4									1.3	4.7
NE	1.1	1.1	.1									2.3	3.9
ENE	2.2	2.7	.3									5.1	3.9
E	2.2	3.1										5.2	3.8
ESE	1.7	1.6	.5	.3	.1							4.3	5.2
SE	1.3	1.9	.7	.7	.1	.3						5.0	7.2
SSE	1.6	1.3	2.3	.8								6.0	7.2
S	1.5	3.2	8.2	6.2	.7	.3						20.3	9.6
SSW	.3	1.1	.4		.1							1.9	6.1
SW	.4	1.1	1.2	.1								2.8	6.7
WSW	.1	.5	1.6	1.1	.4							3.6	10.3
W	.4	.5	2.4	1.6	.3							5.2	9.7
WNW	.1	.9	2.6	1.5	.4							5.5	9.2
NW	.4	2.2	3.5	2.7	.7							9.4	9.3
NNW	.8	3.0	3.2	2.8	.5							10.3	8.8
VARBL													
CALM												4.8	
	15.6	26.2	30.4	19.0	3.5	.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 744

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

L AL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.7	4.5	2.5	.1							10.8	8.2
NNE	.4	.9	.6	.1								2.0	5.7
NE	.6	1.0	.2	.0								1.7	4.5
ENE	1.4	1.9	.2									3.5	4.0
E	2.1	1.6	.3	.1								4.0	4.5
ESE	1.2	1.3	.6	.2	.1							3.5	5.4
SE	1.0	1.0	.7	.4	.1	.1						3.3	6.8
SSE	.8	1.0	2.0	.8	.1	.1						4.9	8.5
S	1.2	3.3	7.0	8.8	1.9	.4	.0					22.6	10.7
SSW	.3	.7	.9	.3	.0							2.2	7.0
SW	.3	.6	.7	.1	.0							1.8	6.6
WSW	.3	.7	1.1	.6	.1							2.8	8.3
W	.5	.7	2.1	2.6	.2	.0						6.2	10.0
WNW	.4	1.3	2.1	3.0	.4	.1						7.2	10.2
NW	.6	2.0	3.6	3.8	.9	.1						11.0	10.1
NNW	.7	2.3	3.5	3.3	.5	.1						10.3	9.4
VARBL													
CALM												2.3	
	12.7	23.0	30.0	26.7	4.5	.7	.0					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 5952

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

...AL CLIMATOLOGY BRANCH
...TAC
... EATHER SERVICE/MAC

SURFACE WINDS

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

...4? (STATION) ...PLINGTON INTL VT (STATION NAME) 74-81 (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	.7	1.9	.7	1.4								4.7	7.4
NNE	.6	.8										1.4	3.0
NE	1.8	1.8	.1									3.7	3.7
ENE	4.4	4.6	.1									9.2	3.6
E	4.9	6.1	.3									11.2	3.9
ESE	2.5	3.1	1.2	.1								6.9	4.8
SE	2.1	1.4	1.1	.3	.1	.1						5.1	5.9
SSE	1.2	1.7	1.1	1.4	.1							5.6	7.1
S	2.1	2.9	6.1	4.9	.6							16.4	9.-
SSW	.7	.8	.3	.1								1.9	5.2
SW	.3	.7	.4	.3								1.7	6.3
WSW	.1	.7	1.4	.3								2.5	7.2
W	.4	1.3	1.1	1.7								4.2	8.5
WNW	.6	1.2	1.4	1.0	.1							4.3	8.0
NW	.6	1.9	1.8	4.0	.6							8.9	9.9
NNW	.7	1.1	2.8	2.9	.4							7.9	9.6
VARBL													
CALM												4.3	
	23.6	31.7	20.0	18.3	1.9	.1						100.1	6.5

TOTAL NUMBER OF OBSERVATIONS 720

L AL CLIMATOLOGY BRANCH
ETAC
A FATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0700-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	1.7	1.7								6.3	7.7
NNE	.1	.6	.1									.8	4.3
NE	1.3	1.1	.1									2.2	4.1
ENE	3.9	4.6										8.5	3.6
E	4.4	5.8	1.3	.3								11.5	4.1
ESE	3.7	2.5	1.4	.4								8.1	4.7
SE	1.9	.6	1.2	.4	.3	.1						4.6	7.3
SSE	1.4	2.4	1.8	1.1								6.7	6.6
S	1.7	3.3	5.1	6.7	.3							17.1	9.1
SSW	.4	.7	.3	.3								1.7	6.3
SW	1.3	.8	.8	.1								2.8	5.3
WSW	.3		.3	.1	.1							.3	9.0
W	.6	1.8	1.4	.6								4.3	6.7
WNW	.3	.8	1.4	2.6	.1							5.3	10.3
NW	.3	1.5	2.5	3.3								7.6	9.9
NNW	.3	1.9	2.8	2.8	.3							8.1	9.4
VARBL													
CALM												4.3	
	22.2	30.1	21.9	20.4	1.1	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
...CTAC
... EATHER SE-VICE/MAC

SURFACE WINDS

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

...4... (STATION) ...LINGTON INTL VT (STATION NAME) 74-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.9	2.5	2.2	.1							9.2	7.7
NNE	.7	.7	.1	.1								1.7	5.1
NE	1.7	.3										.5	3.3
ENE	3.5	2.1										5.6	5.5
E	5.0	2.2	1.1									8.3	5.5
ESE	2.6	1.4	1.5	.4								5.9	5.4
SE	3.1	1.4	.8	.6		.1						6.0	5.5
SSE	.7	1.9	1.9	1.7	.1							6.4	6.3
S	1.3	2.3	7.5	6.9	.7	.1						19.9	9.5
SSW	.1	1.0	1.2	.3								2.6	7.1
SW	.4	.4	.7	.6	.1							2.2	6.4
WSW	.3	.3		.4	.3							1.3	10.2
W	.1	.8	.7	.8	.1							2.6	8.7
WNW	.4	.6	2.1	1.8	.8	.3						6.0	11.2
NW	.4	1.0	2.5	4.0	.4							8.3	10.4
NNW	.4	2.6	3.2	3.7	.1							10.1	9.2
VARBL													
CALM												2.4	
	21.7	22.9	26.0	23.6	2.9	.6						100.6	7.7

TOTAL NUMBER OF OBSERVATIONS 720

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

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	RLINGTON INTL VT	74-81	APR

ALL WEATHER
CLASS

[illegible]-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.1	4.4	5.4								12.5	9.9
NNE	.1	.[illegible]		.1								.[illegible]	6.[illegible]
NE	.[illegible]	.[illegible]										.6	3.[illegible]
ENE	.6	.4										1.[illegible]	3.[illegible]
E	1.0	.4	1.1	.8								3.3	7.[illegible]
ESE	.4	.4	.7									1.5	6.2
SE	.[illegible]	.7	.6	.7								2.2	7.[illegible]
SSE	.4	.3	.7	1.4	.3							3.1	10.4
S	.8	1.3	7.6	10.7	2.6	.4						24.0	11.7
SSW	.3	1.3	.6	1.1								3.9	8.[illegible]
SW	.1	.4	1.5	.6								2.6	8.6
WSW	.4	.7	1.4	.4	.3	.1						3.3	9.3
W	.4	2.4	1.7	2.2	.1							6.8	9.[illegible]
WNW	.1	1.7	2.2	2.5	.1							6.7	9.3
NW	.7	1.7	5.8	7.2	1.0							16.4	10.6
NNW	.7	1.7	3.2	5.7	.1							11.4	10.[illegible]
VARBL													
CALM												.[illegible]	
	7.2	16.4	31.5	38.9	4.6	.6						10[illegible].2	9.9

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

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

L AL CLIMATOLOGY BRANCH
CTAC
AT EATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	5.6	7.4	.1							15.0	10.4
NNE	.1	.9	1.5	.3								2.8	7.7
NE	.1	.6	.6									1.2	6.7
ENE	.3	.6										.8	4.3
E	.1	.6	.6	.3								1.5	7.8
ESE		.3	1.1	.6								1.9	9.3
SE		.3	.4	.7	.1							1.5	10.8
SSE		.4	.6	1.2	.1							2.4	11.5
S	.3	1.5	5.8	8.9	2.1	.8						19.4	12.1
SSW	.1	.7	1.2	1.0								3.1	9.3
SW	.3	.8	.6	.4	.3							2.4	8.6
WSW	.7	1.4	.7	1.0								3.7	7.6
W	.1	1.1	1.7	3.9	.1							6.9	10.9
WNW	.3	1.2	2.5	3.3	.6							7.9	10.5
NW	.8	1.9	2.6	8.3	1.0							14.7	11.3
NNW	.4	1.2	3.9	7.1	1.5							14.2	11.5
VARBL													
CALM												.4	
	4.0	15.1	29.3	44.3	6.0	.8						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 721

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...NA	BURLINGTON INTL VT	74-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.6	3.6	6.8								13.4	9.5
NNE	.1	1.3	1.4	.3								2.1	7.3
NE		.3	.3									.6	6.8
ENE			.1									.1	8.0
E	.3	.3	.4	.1								1.1	7.0
ESE	.4	.8	.8	.8								3.1	7.8
SE	.1	.4	1.1	1.4								3.1	9.6
SSE	.1	.8	.8	1.2								3.1	9.5
S	.7	1.5	4.6	6.7	1.1	.1						14.7	10.8
SSW		.6	.6	.8								1.9	9.1
SW		1.4	.4	.3	.1							2.1	7.7
WSW		.4	1.1	1.0								2.6	8.7
W	.7	1.1	1.4	4.0								7.2	10.1
WNW	.3	1.4	1.8	3.6	1.0		.1					8.2	11.6
NW	.3	1.9	4.6	6.7	1.1							14.6	10.8
NNW	.1	1.7	5.0	6.8	1.2	.1						15.0	11.5
VARBL													
CALM												.3	
	3.7	16.4	34.0	40.6	4.6	.3	.1					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 720

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

L AL CLIMATOLOGY BRANCH
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EATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1800-2400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	5.0	7.6	2.1								16.4	7.3
NNE	.3	2.2	1.1	.3								3.9	6.2
NE	.4	2.2	.3									2.9	4.8
ENE	.4	1.4	.1									1.9	4.4
E	.6	1.8	.4									2.8	4.9
ESE	.8	.7	1.1	.6								3.2	7.3
SE	.4	1.0	1.0	1.5								3.9	8.7
SSE	.6	1.1	1.5	.8								4.0	7.6
S	1.4	2.9	4.2	3.9	.6							12.9	8.8
SSW	.1	.3	.6									1.0	6.3
SW	.4	.7	1.0	1.0								3.1	8.3
WSW	.3	.7	1.2	.7								2.9	7.7
W	1.2	1.7	2.2	1.8								6.9	7.8
WNW	.4	2.1	2.5	2.8	.1							7.9	9.3
NW	.6	3.9	3.7	3.9	.6							12.6	9.1
NNW	.6	2.6	4.9	4.2	.4							12.6	9.3
VARBL													
CALM												1.0	
	10.1	30.3	33.5	23.5	1.7							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 722

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

...AL CLIMATOLOGY BRANCH
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A... WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.1	1.4	.8								5.4	6.3
NNE	.7	1.2	.4	.1								2.5	4.7
NE	1.2	1.0	.1									2.4	3.9
ENE	1.5	3.6	.3									5.4	4.3
E	5.4	4.0	.6									10.0	3.8
ESE	3.2	3.3	1.7	.7								8.9	5.2
SE	1.1	.6	.8	.4	.1							3.1	6.7
SSE	1.4	2.1	1.2	1.8								6.5	7.2
S	2.1	3.6	3.7	3.5	.4							13.3	8.0
SSW	.7	1.9	1.1	.1								3.9	5.7
SW	.1	1.2	1.1	.3								2.8	6.9
WSW	.8	.1	.7									1.7	5.5
W	.6	1.2	2.1	1.4								5.3	8.3
WNW	1.2	2.8	2.2	2.2	.1							8.6	8.2
NW	.8	1.9	3.1	2.6	.4	.1						9.0	9.2
NNW	1.2	2.4	2.2	2.4	.6							8.7	8.5
VARBL													
CALM												2.5	
	23.3	33.2	22.8	16.4	1.7	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
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A... WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.5	4.2	3.5	.0							11.1	6.7
NNE	.3	1.3	.6	.2								2.1	6.3
NE	.8	1.3	.2									2.3	4.3
ENE	1.8	2.2	.1									4.1	3.8
E	2.7	2.7	.7	.2								6.2	4.4
ESE	1.7	1.6	1.2	.5								4.9	5.7
SE	1.0	.3	.9	.7	.1	.1						3.6	7.3
SSE	.7	1.3	1.2	1.3	.1							4.7	8.3
S	1.4	2.5	5.6	6.5	1.0	.2						17.2	10.1
SSW	.3	.2	.7	.5								2.4	7.2
SW	.3	.8	.8	.4	.1							2.5	7.6
WSW	.4	.6	.9	.5	.1	.0						2.4	8.1
W	.5	1.4	1.5	2.0	.1							5.5	8.9
WNW	.5	1.5	2.0	2.5	.4	.0	.0					6.9	9.5
NW	.6	2.0	3.3	5.0	.6	.0						11.5	10.2
NNW	.6	1.9	3.5	4.4	.6	.0						11.0	10.1
VARBL													
CALM												2.0	
	14.5	24.5	27.4	28.2	3.1	.3	.0					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 5760

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

AL CLIMATOLOGY BRANCH
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SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.1	1.3	1.2								6.7	6.4
NNE	1.1	1.1	.1									2.3	4.2
NE	1.9	2.7	.1									4.7	4.0
ENE	5.8	3.5	.1									9.4	3.4
E	6.3	4.7	.5									11.6	3.7
ESE	2.8	2.0	.8	.5								6.2	5.1
SE	2.2	3.4	.8	.4								6.7	4.8
SSE	1.6	2.6	2.3	.5								7.0	6.2
S	3.2	4.7	8.1	5.5	1.3	.1						23.0	8.6
SSW	.4	.7	.9	.4								2.4	6.8
SW	.1	.4	.5									1.1	6.0
WSW	.1	1.1	.4									1.6	5.3
W		.9	1.7	.1								2.8	7.3
WNW	.3	.8	.9	.1								2.2	6.2
NW	.5	1.3	1.2	.8	.1							4.0	7.8
NNW	.3	2.6	.7	.8								4.3	6.9
VARBL													
CALM												4.6	
	27.7	35.5	20.7	10.5	1.5	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 744

AL PAL CLIMATOLOGY BRANCH
...ETAC
A... ...EATHER SERVICE/MAC

SURFACE WINDS

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

14742 BURLINGTON INTL VT 74-81 MAY
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	1.1	.9								4.2	7.4
NNE	.9	.8										1.7	3.3
NE	1.7	2.3	.3									4.3	3.8
ENE	6.9	3.9										10.8	3.5
E	7.4	4.3	.7									12.4	3.6
ESE	3.2	1.7	.9	.2	.1							6.9	4.7
SE	2.4	3.4	.9	.4								7.1	4.8
SSE	2.3	1.7	2.4	.5								7.0	5.9
S	2.6	6.9	6.2	6.0	1.1							22.7	8.3
SSW	.7	.7	.4									1.7	4.7
SW	.3	.5	.3									1.1	5.3
WSW	.7	.9	.1									1.7	4.2
W	.5	.9	.7	.4								2.6	6.3
WNW	.3	.4	.8	.4								1.9	7.9
NW	.3	1.6	1.1	.1	.1							3.2	6.6
NNW	.2	2.2	.8	1.2	.1							5.1	7.4
VARBL													
CALM												9.6	
	32.1	33.7	16.7	10.3	1.5							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 744

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

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SURFACE WINDS

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

14742 | BURLINGTON INTL VT | 74-81 | MAY

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 0600-0800

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	3.1	2.2								0.7	7.8
NNE	.7	.5	.3									1.5	4.5
NE	1.7	1.1	.1									3.0	3.5
ENE	3.5	2.3										5.8	3.3
E	3.5	2.2	.3	.3								6.2	3.9
ESE	2.4	1.1	1.3	1.2								6.0	6.3
SE	.9	1.3	.9	.1								3.4	5.5
SSE	.5	2.6	2.6	1.1								6.7	7.3
S	2.4	4.6	11.0	11.7	1.1	.1						30.9	9.7
SSW	.7	1.7	2.2	.3								4.5	6.6
SW	.1	.8	.5									1.5	6.1
WSW	.1	1.1	.9	.1								2.3	6.6
W	.1	.7	.4	.8								2.0	8.4
WNW	.3	.4	1.7	1.1								3.5	9.2
NW	.4	.9	1.9	2.0	.1							5.4	9.3
NNW	.8	2.0	1.7	1.9								6.5	7.9
VARBL													
CALM												1.9	
	19.4	25.7	29.0	22.7	1.2	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) ARLINGTON INTL VT (STATION NAME) 74-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.9	3.6	2.8								9.0	6.6
NNE	.1	.7	.4									1.2	5.6
NE	.1	.3										.4	3.7
ENE	.1	.4	.1									.7	5.0
E	.4	.1	.4	.1								1.1	6.5
ESE	.1	.5	.8	.4	.1							2.0	8.9
SE	.1	.5	.7	.9								2.3	9.6
SSE		.7	1.3	2.4	.3							4.7	10.5
S	1.1	3.5	11.0	16.4	1.5							33.5	10.6
SSW	.3	1.1	3.2	1.5								6.0	8.5
SW	.4	1.2	1.1	.3								3.0	6.6
WSW		.8	1.3	.1								2.3	7.1
W	.5	1.9	1.9	.8								5.1	7.3
WNW	.7	2.4	1.9	2.0	.1							7.1	8.1
NW	.7	2.0	4.7	4.8	.3							12.5	9.4
NNW	.7	1.5	3.0	3.0	.3							8.3	9.3
VARBL													
CALM												.8	
	6.0	19.5	35.5	35.6	2.6							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.9	4.2	5.2	.1							11.7	9.9
NNE	.1	.7	.5	.5								1.9	8.1
NE	.1	.9	.3									1.3	5.5
ENE	.3	.5										.8	4.2
E	.3	.8	.1	.3								1.5	5.9
ESE	.1	1.1		.4								1.6	6.9
SE		.3	.4	.9								1.6	10.8
SSE		1.1	1.1	.9								3.1	8.9
S	.4	2.8	7.3	16.9	1.6	.3						29.3	11.5
SSW	.4	1.1	1.7	.9								4.2	8.1
SW		1.6	2.2	.4								4.2	7.4
WSW	.4	1.5	1.1	.3								3.2	6.3
W	.7	1.7	1.6	1.2	.1							5.4	7.7
WNW	.3	1.2	2.4	2.0	.4							6.3	9.4
NW	.1	1.7	4.7	3.9								10.5	9.2
NNW	.1	.7	4.7	6.9	.7							13.0	11.4
VARBL													
CALM												.4	
	3.6	19.6	32.3	40.9	3.0	.3						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 744

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

...AL CLIMATOLOGY BRANCH
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SURFACE WINDS

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

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAY MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.6	6.6	4.7	.1							14.4	9.4
NNE		.9	1.3	.8								3.1	8.3
NE	.3	.9	.5	.3								1.9	6.4
ENE	.4	.8		.1								1.3	4.6
E	.4	.7	.3	.1	.1							1.6	6.6
ESE	.3	.8	.4	1.1								2.6	8.6
SE	.1	.3	1.1	.8								2.3	10.1
SSE		.7	1.3	1.6								3.6	10.1
S	.1	4.3	7.9	9.8	1.1	.3						23.6	10.4
SSW	.1	1.9	.1	1.3								3.5	7.9
SW		1.7	.4	.7								2.8	7.4
WSW	.3	.5	1.2	.3								2.3	7.4
W		2.0	2.6	2.0								6.6	8.6
WNW		1.3	2.7	1.3	.3	.1						5.8	9.7
NW		1.7	4.3	5.4	.5	.3						12.2	10.6
NNW		1.5	5.2	5.0	.4							12.1	10.5
VARBL													
CALM												.3	
	2.4	22.6	36.1	35.4	2.6	.7						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 743

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

L.VAL CLIMATOLOGY BRANCH
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SURFACE WINDS

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

14742 (STATION) | BURLINGTON INTL VT (STATION NAME) | 74-81 (YEARS) | MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	5.0	5.3	2.6	.1							13.3	7.8
NNE	.3	2.4	.8									3.5	5.5
NE	.4	.9	.5	.1								2.0	6.1
ENE	.3	1.6	.3	.1								2.3	5.4
E	.9	1.9	.8	.1								3.8	5.2
ESE	1.1	1.3	1.3	.4								4.2	6.2
SE	1.2	1.9	1.6	.7								5.4	6.5
SSE	.5	1.8	1.8	.8								4.9	7.2
S	1.3	5.4	7.1	5.1	1.1	.1						20.2	8.9
SSW	.5	1.5	.8	.4								3.2	6.2
SW	.5	1.6	.5	.3	.1							3.1	6.2
WSW		1.6	1.6	.9								4.2	7.7
W		.5	1.1	1.3								3.0	9.7
WNW	.8	2.4	2.4	.4								6.1	6.4
NW		4.0	3.0	2.0	.1	.1						9.3	7.9
NNW	.5	2.7	5.0	1.6	.1							10.0	8.1
VARBL													
CALM												1.6	
	3.9	36.7	34.0	17.0	1.6	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 742

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

...AL CLIMATOLOGY BRANCH
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SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

0100-2300 (HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.2	1.6	1.3								5.8	7.5
NNE	.7	1.2	.4	.1								2.4	5.4
NE	1.3	.9	.3	.1								2.7	4.5
ENE	3.1	3.5										6.6	3.6
E	3.0	3.8	.5	.1								7.4	4.2
ESE	3.1	3.6	.8	.5								8.1	4.9
SE	2.2	2.6	1.3	.1								6.2	5.1
SSE	1.8	2.3	2.2	.7	.1							7.0	6.2
S	4.9	7.2	8.5	5.1	.3							26.5	7.7
SSW	.5	1.2	.5									2.3	4.8
SW	.7	1.5	.9	.3								3.0	6.6
WSW	.3	.9	.6	.1								2.0	6.5
W	.4	1.5	1.3	.4								3.6	6.9
WNW	.5	1.1	.3	.3								2.2	5.7
NW	.5	2.6	1.2	.3	.4							5.0	7.1
NNW	.7	2.2	1.6	.7								5.1	6.7
VARBL													
CALM												8.2	
	24.7	38.1	22.4	10.3	1.3							100.2	

TOTAL NUMBER OF OBSERVATIONS 741

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

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] | BURLINGTON INTL VT | 74-81 | MAY
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.6	3.3	2.6	.1							9.2	6.4
NNE	.5	1.0	.5	.2								2.2	5.8
NE	1.0	1.2	.3	.1								2.5	4.5
ENE	2.5	2.1	.1	.0								4.7	3.7
E	3.9	2.3	.5	.1	.0							5.8	4.1
ESE	1.7	1.5	.8	.6	.0							4.7	5.9
SE	1.1	1.7	1.0	.6								4.4	6.1
SSE	.9	1.7	1.9	1.1	.1							5.5	7.4
S	2.1	4.9	8.4	9.6	1.2	.1						26.2	9.6
SSW	.5	1.2	1.2	.6								3.5	7.1
SW	.2	1.2	.8	.2	.0							2.5	6.7
WSW	.2	1.1	.9	.2								2.5	6.6
W	.3	1.3	1.4	.9	.0							3.9	7.8
WNW	.4	1.3	1.6	1.0	.1	.0						4.4	8.1
NW	.2	2.0	2.8	2.4	.2	.1						7.8	9.0
NNW	.5	1.9	2.8	2.6	.2							8.1	9.1
VARBL													
CALM												2.2	
	15.6	28.9	28.3	22.8	1.9	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 5945

L AL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	1.4	1.0								4.9	7.3
NNE	.3											.3	2.5
NE	1.2	2.1										3.3	5.8
ENE	5.0	3.7	.1									8.9	3.7
E	7.9	3.7	.3									11.9	3.3
ESE	3.2	1.9	.6			.1						5.8	4.2
SE	2.1	3.1	1.4									6.5	4.9
SSE	1.7	2.8	2.1	.8	.1							7.5	6.2
S	2.8	6.1	12.5	7.2	.4							29.0	8.5
SSW	.3	1.5	.7	.7								3.2	6.9
SW	.4	1.2	.4									2.1	5.3
WSW	.3	.4	.4	.1								1.2	6.4
W	.6	1.0	.4	.1								2.1	5.5
WNW		1.3	.8	.1								2.2	6.6
NW	.6	1.0	.3	.4								2.2	6.0
NNW	.6	1.2	1.4	.3								3.5	6.4
VARBL													
CALM												4.7	
	27.5	33.5	22.8	10.8	.6	.1						100.3	5.6

TOTAL NUMBER OF OBSERVATIONS 723

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

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...42 (STATION) ...RLINGTON INTL VT (STATION NAME) 73-80 (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	1.7	1.6	1.1	.4								4.3	5.2
NNE	.6	.8										1.4	3.9
NE	1.0	1.5										3.5	3.7
ENE	5.1	3.7										8.9	3.2
E	6.8	3.3	.1									10.3	3.3
ESE	2.8	2.6	.6	.1								6.0	4.3
SE	3.2	2.4	.8	.3								6.7	4.4
SSE	1.4	1.4	2.5	1.8								7.1	7.2
S	3.2	5.4	12.6	7.4	.1							28.7	8.3
SSW	.4	1.9	.4									2.8	5.1
SW	.3	1.1		.1								1.5	5.3
WSW	.3	.6	1.1									1.9	6.8
W	.6	1.2	1.1									2.9	5.7
WNW	.1	2.1	.8									3.1	5.6
NW	.6	1.2	.6	.1								2.5	5.1
NNW	.7	1.5	1.7	.1								4.0	6.2
VARBL													
CALM												3.5	
	29.2	32.6	23.5	10.4	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 720

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

L AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

SURFACE WINDS

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

4 42 — STATION
PLINGTON INTL VT — STATION NAME
73-80 — 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	.6	2.9	3.1	1.7								8.2	7.5
NNE	1.1	.6										1.7	3.3
NE	.7	1.7										2.4	4.0
ENE	2.6	1.4	.1									4.3	3.3
E	2.4	1.8	.4									4.6	3.8
ESE	2.1	1.5	1.2	.3								4.9	5.0
SE	1.2	1.2	.7	.6								3.7	5.8
SSE	1.1	1.5	2.4	2.2								7.2	8.2
S	1.7	5.8	14.0	14.0	1.0							36.5	9.7
SSW	.3	1.4	2.4	.4								4.4	7.2
SW	.4	.3	.7									1.4	5.9
WSW	.3	.8	.3	.4								1.8	6.6
W	.4	.4	1.9	.1								2.9	7.8
WNW	.1	1.1	2.2	.8								4.3	7.9
NW	.4	1.2	1.4	.8								3.9	7.8
NNW	.4	1.5	2.8	1.4								6.1	8.2
VARBL													
CALM												1.7	
	16.0	25.3	33.3	22.8	1.0							100.4	7.5

TOTAL NUMBER OF OBSERVATIONS 720

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

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (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	.6	1.4	2.8	1.8								6.5	8.3
NNE		.6	.3	.1								1.0	7.3
NE	.6	.3										.8	3.3
ENE	.6	.4										1.0	3.1
E	.3	.6										.8	4.0
ESE	.1	.7	.4	.3								1.5	6.7
SE	.1	.8	.8	.3								2.1	7.5
SSE	.3	1.8	1.8	2.1	.4							6.4	9.4
S	.1	3.9	12.8	20.7	1.9							39.4	11.1
SSW	.3	1.8	3.1	1.1								6.2	7.9
SW	.1	1.5	.7	.1								2.5	6.3
WSW	.6	1.1	.8	.1								2.6	5.6
W	.4	1.9	2.2	1.2								5.3	7.7
WNW	.3	1.1	2.4	.7								4.4	8.0
NW	.1	3.3	4.3	1.8								9.6	7.9
NNW	.1	1.5	4.6	2.6								8.9	8.9
VARBL													
CALM												.3	
	4.6	22.8	36.9	33.1	2.4							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 720

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

TL AL CLIMATOLOGY BRANCH
FETAC
AT EATHER SERVICE/MAC

SURFACE WINDS

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

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.5	4.7	2.1								9.6	8.5
NNE		1.8	.6	.1								1.7	6.5
NE	.1	.6	.4									1.1	5.8
ENE	.4	.3										.7	3.4
E	.3	.4										.7	4.7
ESE	.4	.4	.6	.6								1.9	7.8
SE		.3	1.2	1.1								2.6	9.5
SSE	.3	1.3	1.8	2.5	.3							5.8	10.1
S	.3	1.8	9.9	17.6	1.1	.3						31.0	11.4
SSW	.1	.8	2.5	2.5								6.0	9.6
SW	.1	.8	1.5	.7								3.2	7.9
WSW	.4	1.7	2.4	.3								4.7	7.2
W	.1	1.5	2.6	.8								5.1	7.9
WNW	.3	1.1	3.1	1.9								6.4	8.8
NW	.1	1.7	3.6	4.3								9.7	9.6
NNW	.1	1.5	4.3	3.3								9.3	9.5
VARBL													
CALM												.4	
	3.5	17.4	39.2	37.9	1.4	.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...42	BURLINGTON INTL VT	73-80	JUN

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.5	4.7	1.8								9.0	8.4
NNE	.3	.1	.4	.3								1.1	7.9
NE		.6	.4									1.0	6.0
ENE	.1	.3	.1									.6	5.3
E	.3	.6	.1	.1								1.1	5.6
ESE	.1	.7	.7	.3								1.8	6.8
SE	.1	.4	.4	.7								1.7	8.9
SSE	.3	1.5	2.1	2.1								6.0	8.8
S	.3	3.3	11.0	16.2	.4	.1						31.4	10.6
SSW	.3	1.8	2.4	1.1	.1							5.7	8.3
SW		1.1	1.8	.3								3.2	7.5
WSW	.1	1.7	1.8	.4								4.0	6.9
W	.7	2.1	2.9	1.4								7.1	7.7
WNW		1.4	2.2	1.2								4.9	8.5
NW	.3	1.1	4.6	3.1								9.0	9.2
NNW	.7	1.8	5.7	3.9		.1						12.2	9.3
VARBL													
CALM												.3	
	3.6	21.0	41.4	32.9	.6	.3						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1800-2400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	3.3	3.5	1.0	.1							8.9	7.0
NNE	.7	1.1	.8	.1								2.8	5.4
NE	.1	1.0	.1									1.2	5.1
ENE	.4	1.1										1.5	4.3
E	.6	2.5	.3									3.3	4.5
ESE	1.0	1.2	.4									2.6	4.4
SE	.6	3.5	1.9	1.2								7.2	6.8
SSE	.7	3.1	3.7	.7								8.2	6.9
S	3.2	8.1	10.6	7.8	.1							29.7	8.1
SSW	.1	1.2	.7	.3								2.4	6.6
SW	1.0	1.8	.3									3.1	4.5
WSW	.4	1.1	.6	.3								2.4	6.3
W	.3	1.9	2.5	1.0								5.7	7.4
WNW	.4	1.6	2.2	1.4								5.8	8.1
NW	.6	1.9	1.9	1.4	.1							6.0	8.2
NNW	1.1	2.9	3.5	.7								8.2	6.7
VARBL													
CALM												1.0	
	12.1	37.6	33.1	15.8	.4							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 720

L AL CLIMATOLOGY BRANCH
AFETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (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	.7	1.8	1.0	1.2								4.7	7.1
NNE	.1	.5	.1									.8	5.2
NE	.8	1.4	.1									2.4	4.2
ENE	2.6	2.9	.3									5.8	4.0
E	5.4	5.4	.7									11.5	3.9
ESE	3.9	3.5	.6	.1								8.1	3.9
SE	2.1	3.7	1.7	.6								8.1	5.3
SSE	2.1	2.9	4.2	.4								9.6	6.1
S	2.5	6.4	12.4	5.3								26.5	8.0
SSW	.7	1.0	1.1	.4								3.2	6.6
SW	.1	1.5	.1	.3								2.1	5.7
WSW	.4	.7	.7									1.8	5.4
W	.7	1.2	1.2									3.2	5.8
WNW	.6	1.1	1.4	.7								3.7	7.4
NW	.4	1.0	.7	.6								2.6	7.5
NNW	.4	.6	1.1	.8								2.9	7.9
VARBL													
CALM												2.9	
	23.6	35.7	27.4	10.4								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) JUN (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	2.3	2.8	1.4	.0							7.2	7.6
NNE	.4	.6	.3	.1								1.3	5.4
NE	.7	1.1	.1									2.0	4.1
ENE	2.3	1.7	.1									4.1	3.6
E	3.0	2.3	.2	.0								5.5	3.7
ESE	1.7	1.6	.6	.2		.0						4.1	4.7
SE	1.2	1.9	1.1	.6								4.8	6.1
SSE	1.0	2.0	2.6	1.6	.1							7.2	7.7
S	1.8	5.1	12.0	12.0	.6	.1						31.5	9.5
SSW	.3	1.4	1.6	.8	.0							4.2	7.6
SW	.3	1.2	.7	.2								2.4	6.2
WSW	.3	1.0	1.0	.2								2.6	6.6
W	.5	1.4	1.9	.6								4.4	7.2
WNW	.2	1.4	1.9	.9								4.4	7.8
NW	.4	1.6	2.2	1.6	.2							5.7	8.3
NNW	.5	1.6	3.1	1.6		.0						6.9	8.2
VARBL													
CALM												1.8	
	15.1	28.2	32.2	21.8	.8	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 5762

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

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) | BURLINGTON INTL VT (STATION NAME) | 73-80 (YEARS) | JUL (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	1.2	1.2	.7								4.0	6.6
NNE	.4											.4	3.0
NE	3.4	1.6	.1									5.1	3.4
ENE	8.5	5.1										13.6	3.4
E	8.3	6.5	.3									15.1	3.9
ESE	4.2	4.0	.1									8.3	3.6
SE	3.0	2.6	.3									5.8	3.7
SSE	1.5	1.6	1.7	.7								5.5	6.3
S	2.8	6.2	9.8	7.0	.3							26.1	8.2
SSW	.4	.5	.8	.1								1.9	6.8
SW	.5	.8	.5									1.9	5.1
WSW	.1	.1										.3	4.0
W	.5	.4	.3									1.2	4.9
WNW	.3	1.3	.8	.4								2.8	6.6
NW	.5	.8	.5	.3								2.2	6.0
NNW	.7	1.1	1.1	.1	.1							3.1	6.7
VARBL													
CALM												2.8	
	36.0	33.9	17.6	9.3	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (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	.9	1.5	1.3	.1	.1							4.0	6.3
NNE	.7	.1										.8	2.9
NE	1.3	2.6										3.9	4.1
ENE	7.5	7.7	.1									15.3	3.6
E	7.8	7.0	.4									15.2	3.6
ESE	4.0	2.8	.1									7.0	3.3
SE	2.3	1.3	.3									3.9	3.8
SSE	1.1	1.7	2.2	.7								5.6	6.6
S	1.9	6.5	11.6	7.1	.1							27.2	8.2
SSW	.1	1.2	.7	.3								2.3	6.5
SW	.3	.7	.3									1.2	5.0
WSW		.8	.1	.1								1.1	6.3
W	.3	.5	1.1	.5								2.4	7.6
WNW	.1	.9	.7									1.7	5.7
NW	.1	.5	.1	.1								.9	6.0
NNW	.5	1.1	1.6	.5	.1							3.9	7.6
VARBL													
CALM												3.5	
	29.0	37.0	20.6	9.5	.4							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 744

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-83 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.9	1.3	.5								4.2	6.9
NNE	.3	1.5	.3									2.6	4.6
NE	1.5	1.6										3.1	3.7
ENE	4.7	2.7	.1									7.5	3.5
E	5.0	3.0	.3									8.2	3.4
ESE	3.2	1.9	.7	.1								5.9	4.1
SE	1.2	1.3	.3									2.8	4.1
SSE	1.5	3.6	2.4	.9								8.5	6.6
S	2.0	5.8	18.1	12.2	.1							38.3	9.1
SSW	.4	.7	1.3	.1								2.6	6.8
SW	.1	.9	.8									1.9	6.6
WSW	.3	.8	.4									1.5	5.7
W	.5	.5	.9	.4								2.4	6.9
WNW		.7	1.3									2.0	7.5
NW	.1	.4	1.1	1.1								2.7	9.9
NNW	.3	1.3	2.4	.7								4.7	7.7
VARBL													
CALM												1.2	
	22.0	28.6	31.9	16.1	.1							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 744

AL CLIMATOLOGY BRANCH
USTAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] BURLINGTON INTL VT — 73-80 — JUL

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]-11

CLASS — HOURS (L.S.T.)

CONDITION

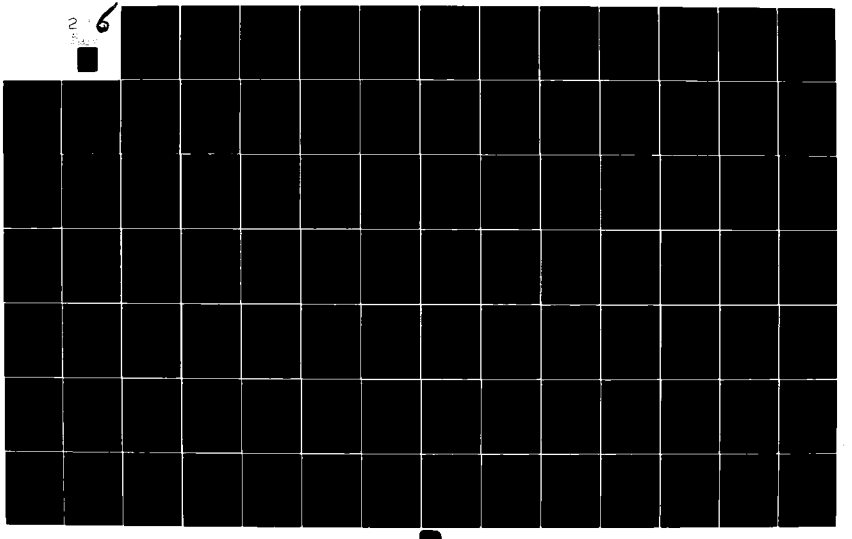
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.[illegible]	2.6	1.3								7.[illegible]	7.
NNE	.3	.[illegible]	.1	.1								1.5	[illegible]
NE	.4	.3	.1									.8	4.
ENE		.4										.4	5.
E	.3	.3	.4									.9	6.
ESE	.4	.7	.3	.1								1.5	5.
SE	.[illegible]	.4	.1	.3								1.3	5.
SSE	.3	1.3	2.[illegible]	1.2								4.8	6.
S	1.1	3.1	16.4	21.1	1.1							43.7	10.
SSW	.3	1.1	4.2	1.6	.1							7.3	9.
SW	.5	1.3	1.6	.1								3.6	6.
WSW	.3	.[illegible]	2.4	.4								4.[illegible]	7.
W	.1	2.[illegible]	1.1	.4								3.6	6.
WNW	.1	1.[illegible]	1.2	.7								3.9	7.
NW	.1	2.2	4.7	1.3	.1							8.5	8.
NNW	.4	1.3	3.9	2.[illegible]	.3							7.[illegible]	8.
VARBL													
CALM												.1	
	.4	21.[illegible]	41.1	30.8	1.6							100.[illegible]	[illegible]

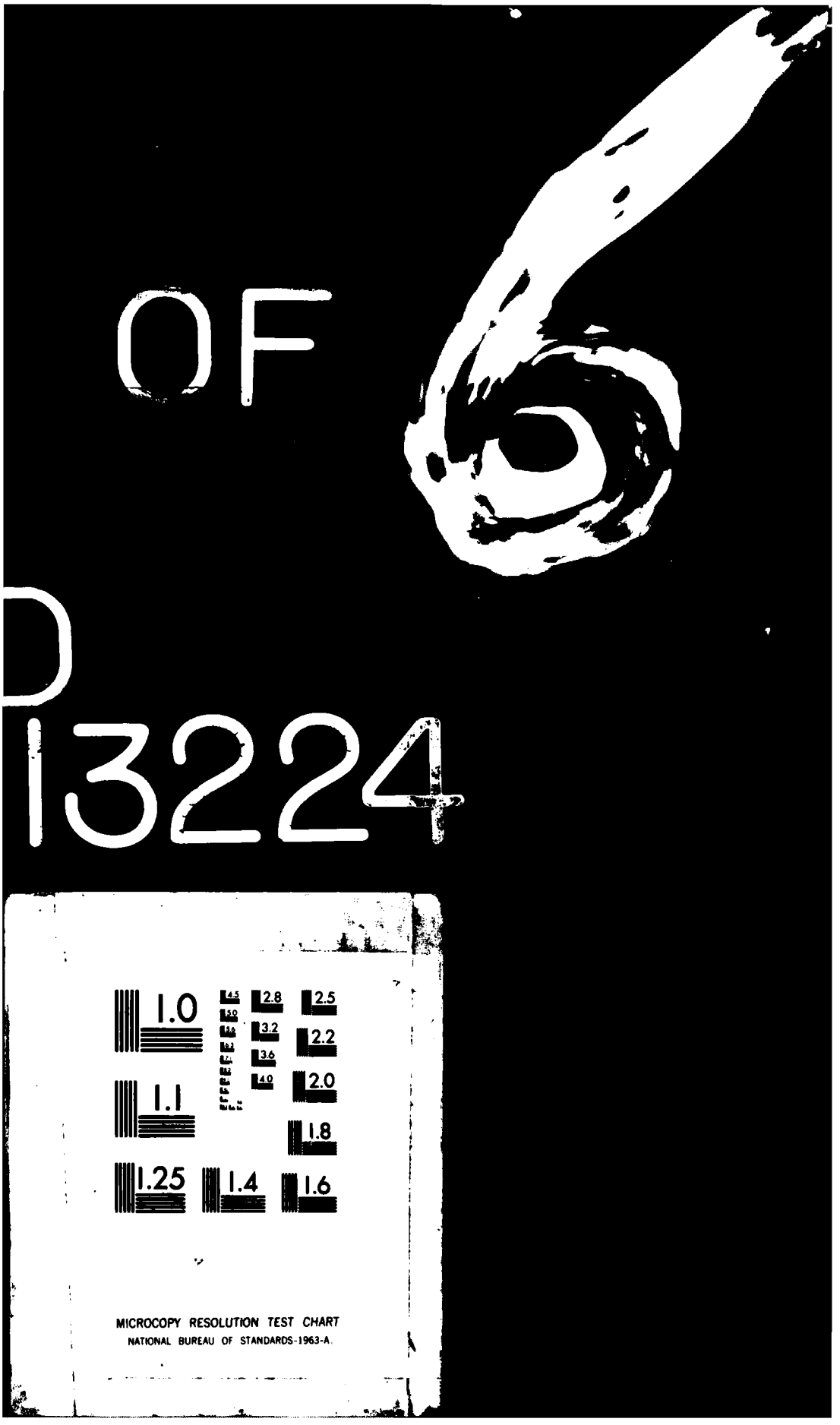
TOTAL NUMBER OF OBSERVATIONS 7[illegible]

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

AD-A113 224 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BURLINGTON IAP, VERMONT. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/006 SBI-AD-E850 139 NL




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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.9	4.4	1.1								9.8	7.4
NNE		1.3	.9									2.3	6.3
NE	.1	.9	.1									1.2	4.6
ENE	.3	.5										.8	4.3
E	.5	.4	.1	.1								1.2	5.1
ESE	.1	.3	.5	.4								1.3	7.9
SE		.1	.4	.4								.9	9.6
SSE		.8	2.0	1.9	.1							4.8	9.9
S	.1	1.7	12.5	18.0	.8							33.2	11.0
SSW	.5	.7	3.4	1.9								6.5	9.0
SW	.4	1.1	2.4	.9								4.8	8.0
WSW	.4	1.2	2.3	.3								4.2	7.2
W	.3	2.2	2.8	1.1								6.3	7.6
WNW	.3	.5	2.8	1.5								5.1	8.6
NW		.9	3.4	2.6	.1		.1					7.1	10.1
NNW	.1	1.1	4.4	4.3	.3							10.2	10.0
VARBL													
CALM												.1	
	3.6	17.7	42.6	34.4	1.3		.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 744

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

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.8	5.1	1.9								10.2	6.0
NNE	.1	1.5	1.7	.3								3.6	7.2
NE	.3	.5										.8	4.0
ENE		.5										.5	4.5
E	.7	1.3	.4	.3								2.3	6.2
ESE	.1	.3	.3	.1								1.3	5.6
SE	.1	.9	1.2	.4								2.7	7.4
SSE	.3	1.1	1.9	2.2								5.4	8.9
S	1.1	3.6	11.7	12.8	.4							29.6	10.0
SSW		.9	2.2	1.5	.1							4.7	9.4
SW		1.6	2.0	.1								3.8	6.8
WSW		1.7	3.2	.9								5.9	8.2
W		.5	2.4	1.2								4.2	8.6
WNW	.1	1.3	2.3	1.1	.1							5.0	8.5
NW	.1	2.2	3.9	3.0	.3							9.4	9.2
NNW	.4	2.3	4.6	3.2	.1							10.6	9.0
VARBL													
CALM													
	3.4	23.8	42.9	28.9	1.1							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 744

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

L AL CLIMATOLOGY BRANCH
FETAC
AT EATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) : BURLINGTON INTL VT (STATION NAME) 73-80 (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	.7	5.6	2.8	.4	.1							9.7	6.2
NNE	.5	1.7	.3									2.6	4.7
NE	.4	.9	.3									1.6	4.5
ENE	1.5	2.0	.4	.1								4.0	4.6
E	1.2	3.5	.5									5.2	4.4
ESE	.7	3.1	.5									4.3	4.7
SE	.7	2.4	.7	.5								4.3	5.9
SSE	.8	2.7	2.2	.1								5.8	6.1
S	2.4	5.8	10.3	6.5								25.0	8.1
SSW	.7	2.4	1.9	.1								5.1	6.1
SW	.1	2.4	1.2									3.8	6.1
WSW		1.7	1.3	.1								3.2	6.8
W	.3	1.3	2.6	.4								4.6	7.1
WNW	.7	3.4	2.3	.3								6.7	6.0
NW	.7	2.0	2.4	2.2	.1								9.5
NNW	.4	2.2	2.3	.9									7.2
VARBL													
CALM												1.1	
	11.7	43.3	32.0	11.7	.3							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 744

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

14742 BURLINGTON INTL VT 73-80 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	.9	.5								4.3	5.6
NNE	.3	.4										.7	4.4
NE	1.3	1.3										2.7	3.7
ENE	3.9	6.0	.1									10.1	3.8
E	5.0	6.2		.1								11.3	3.8
ESE	4.4	4.7	.8	.3								10.2	4.2
SE	1.9	3.5	.4									5.8	4.3
SSE	1.3	3.0	1.6	.3								6.2	5.8
S	4.2	8.5	9.3	5.6								27.6	7.3
SSW	.5	2.2	.5									3.2	5.0
SW	.5	1.6	.7	.1								3.0	5.5
WSW	.3	.7										.9	4.3
W	.1	1.6	.4									2.2	5.4
WNW	.3	1.7	1.5	.4								3.9	7.0
NW	.4	.7	1.1	.5								2.7	7.8
NNW	.5	.9	.9	.5								3.0	6.5
VARBL													
CALM												2.4	
	26.1	44.8	18.3	8.5								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 744

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

L AL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 | BURLINGTON INTL VT | 73-80 | JUL

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | ALL

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.7	2.5	.8	.0							6.7	7.2
NNE	.4	.9	.4	.1								1.8	5.4
NE	1.1	1.2	.1									2.4	3.9
ENE	3.3	3.1	.1	.0								6.5	3.7
E	3.5	3.5	.3	.1								7.4	3.8
ESE	2.2	2.3	.4	.1								5.0	4.2
SE	1.2	1.6	.5	.2								3.4	4.9
SSE	.8	2.0	2.0	1.0	.0							5.8	7.2
S	1.9	5.1	12.5	11.3	.4							31.2	9.2
SSW	.4	1.2	1.9	.7	.0							4.2	7.8
SW	.3	1.3	1.2	.2								3.0	6.5
WSW	.2	1.0	1.2	.2								2.6	7.1
W	.3	1.1	1.4	.5								3.4	7.2
WNW	.2	1.5	1.6	.5	.0							3.9	7.2
NW	.3	1.2	2.2	1.4	.1		.0					5.1	6.7
NNW	.4	1.4	2.7	1.5	.1							6.1	8.5
VARBL													
CALM												1.4	
	17.2	31.2	39.9	18.6	.7		.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 5952

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]SETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	.5	.1								2.7	5.7
NNE	.8	.8										1.6	3.4
NE	1.9	2.2										4.0	3.7
ENE	6.3	6.9	.4									13.6	3.8
E	8.3	5.3	.1	.1								14.4	3.6
ESE	5.0	3.2	.8									9.0	4.0
SE	2.0	4.4	.4									6.9	4.3
SSE	2.2	2.2	1.5	.3								6.0	5.3
S	3.5	6.0	10.5	3.9								23.9	7.4
SSW	.5	1.2	.1									1.9	4.6
SW	.1	.4	.1	.1								.8	6.7
WSW	.4	.8	.5	.1								1.9	5.6
W	.3	.9	.9	.8								3.0	7.6
WNW	.1		.5	.1								.8	7.8
NW	.4	.7	.4									1.5	5.6
NNW	.3	1.6	1.5									3.4	6.3
VARBL													
CALM												4.7	
	32.7	38.6	18.8	5.6								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (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	.9	2.3	1.1									4.3	5.2
NNE	.5	.8										1.3	3.7
NE	2.8	1.5										4.3	3.4
ENE	6.0	4.7										10.8	3.5
E	8.7	8.2	.1									17.1	3.6
ESE	4.7	2.2	.7									7.5	3.7
SE	2.4	3.2	.7									6.3	4.3
SSE	1.3	2.6	.8	.1								4.8	4.9
S	2.6	5.1	9.1	4.7								21.5	7.8
SSW	.5	1.2	1.7									3.5	6.3
SW	.1	.3	.1									.5	5.3
WSW	.3	1.1	.1									1.5	4.6
W		.7	1.3	.7								2.7	8.4
WNW	.3	.5	.1	.4								1.3	7.1
NW	.1	.9	.8									1.9	6.3
NNW	.3	1.7	.7									2.7	5.2
VARBL													
CALM												7.9	
	31.7	37.0	17.5	5.9								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 744

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

14742 BURLINGTON INTL VT 73-83 AUG
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	3.1	.5								5.8	7.2
NNE	.3	.5	.4									1.2	5.3
NE	1.9	2.8										4.7	3.7
ENE	3.9	3.1										7.0	3.3
E	6.7	5.4	.5									12.6	3.7
ESE	3.2	3.0	.1									6.3	3.6
SE	1.6	2.7	.8									5.1	4.6
SSE	1.5	2.7	2.0	.5								6.7	6.1
S	1.9	7.8	13.0	8.9								31.6	8.5
SSW	.3	.8	1.1	.5								2.7	7.6
SW		.8	.9	.1								1.9	7.2
WSW	.5	.4	.4	.3								1.6	6.3
W	.1	.7	.3	.9								2.0	8.3
WNW			.7	.4								1.1	10.3
NW	.1	1.2	.7	.4								2.4	7.1
NNW	.5	.9	2.3	.3								4.0	6.9
VARBL													
CALM												3.2	
	23.5	34.0	26.3	12.9								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 744

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

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (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	.3	2.2	2.6	1.6								7.1	7.6
NNE	.4	.5	.4									1.3	5.2
NE	.1	1.1	.1									1.3	4.7
ENE	.4	.4	.1									.9	4.0
E		.5	.7									1.2	6.4
ESE	.1	.5	.5									1.2	6.4
SE	.5	.8	1.3	.1								2.8	6.3
SSE	.5	2.0	1.9	1.2								5.6	7.6
S	.4	6.0	16.7	16.7	.3							40.1	9.8
SSW	.7	1.9	3.8	1.1								7.4	7.4
SW	.5	1.1	2.3	.8								4.7	7.6
WSW	.7	1.5	1.5									3.6	6.0
W	.4	1.2	2.0	1.3								5.0	8.2
WNW	.3	1.3	1.3	1.2								4.2	8.0
NW	.8	1.3	2.2	1.7								6.0	8.0
NNW	.5	2.6	2.8	1.5								7.4	7.7
VARBL													
CALM													
	7.3	25.0	40.2	27.3	.3							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.5	5.4	2.0								9.1	8.4
NNE	.4	.4	.4	.1								1.3	5.8
NE		.5	.1									.7	5.6
ENE	.5	.7	.4									1.6	4.5
E	.3	.4	.3	.1								1.1	5.9
ESE	.4	.5	.7									1.6	6.0
SE	.3	.7	.3	.1								1.3	5.7
SSE		.9	3.4	2.0								6.3	9.1
S	.1	3.8	12.9	14.0	.8							31.6	10.3
SSW	.5	2.4	2.7	.9								6.6	7.2
SW		1.5	1.7	.4								3.6	7.4
WSW	.4	2.7	1.9	.4								5.4	6.3
W	.7	2.0	2.8	1.9								7.4	6.0
WNW	.3	1.3	2.2	.8								4.6	7.7
NW	.1	2.0	4.3	2.7	.1							9.3	9.2
NNW	.1	2.3	3.8	1.9								8.1	8.4
VARBL													
CALM												.4	
	4.4	23.7	43.1	27.4	.9							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 744

L...AL CLIMATOLOGY BRANCH
...ETAC
A... ...EATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (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	.2	3.8	9.3	1.6								15.2	7.7
NNE		.9	1.9	.1								3.0	7.3
NE	.1	.9	.3	.1								1.5	5.7
ENE	.3	.8	.5									1.6	5.2
E	.3	.8	.7	.3								2.0	6.9
ESE	.1	1.2	.8									2.2	6.0
SE	.3	1.3	.7	.1								2.4	5.7
SSE	.3	1.6	2.7	1.6								6.2	8.3
S	.4	[illegible]	14.1	9.1	.1							28.6	9.3
SSW		1.5	2.0	.5								4.0	7.5
SW	.1	1.3	1.2	.4								3.1	7.3
WSW	.5	2.6	.9	.1								4.2	5.6
W	.3	1.6	2.3	1.3								5.5	8.2
WNW		1.3	1.9	1.5								4.7	8.7
NW	.1	1.3	3.8	2.6								7.8	9.2
NNW	.3	1.6	4.8	1.2								7.9	7.9
VARBL													
CALM												.1	
	3.6	27.6	47.8	20.7	.1							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 744

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

14742 BURLINGTON INTL VT 73-80 AUG
STATION STATION NAME YEARS MONTH

ALL WEATHER 1900-2000
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	6.7	2.7	.5								11.2	5.6
NNE	.5	1.2	.8									2.6	5.4
NE	1.1	1.6		.1								2.8	4.3
ENE	2.2	1.6	.3	.1								4.2	4.1
E	1.2	3.1	1.6									5.9	5.2
ESE	.8	3.9	1.1	.1								5.9	5.2
SE	2.2	3.0	.9									6.9	4.6
SSE	.5	4.2	3.5	.4								8.5	6.5
S	3.2	10.2	9.3	3.0	.1							25.8	6.9
SSW	.1	.5	.9	.3								1.9	6.9
SW	.5	1.7	.3	.1								2.7	5.3
WSW	.5	.5	.5									1.6	5.2
W	.7	1.7	1.2	.4								4.0	6.6
WNW	.4	2.2	2.6	.8								5.9	7.2
NW	.3	1.3	1.9	.1								3.6	6.9
NNW	.4	3.1	1.3	.7								5.5	6.5
VARBL													
CALM												1.9	
	15.9	46.5	28.9	6.7	.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 744

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

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

42 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (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	.8	1.7	.8	.1								3.3	5.2
NNE	.9	.3	.1									1.3	3.5
NE	1.9	3.1										5.0	3.8
ENE	5.0	5.8										10.8	3.7
E	6.2	7.5	.3									14.0	3.8
ESE	4.2	4.3	.7									9.1	3.9
SE	2.0	3.9	1.3									7.1	4.7
SSE	2.3	3.1	1.2	.7								7.3	5.6
S	3.1	5.9	12.1	3.0	.3							24.2	7.4
SSW	.1	1.3	1.1									2.6	6.1
SW	.5	.7	.3									1.5	4.8
WSW		.3	.3									.5	7.0
W	.5	1.1	.7	.5								2.8	6.9
WNW	.5	.8	1.3	.5								3.2	6.9
NW		1.6	.3	.5								2.4	7.2
NNW	.3	1.6	.8	.4								3.1	6.7
VARBL													
CALM												1.0	
	28.4	42.7	21.2	5.8	.3							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 744

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

14742 — BURLINGTON INTL VT — 73-80 — AUG

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.6	3.2	.8								7.4	6.9
NNE	.5	.7	.5	.0								1.7	5.2
NE	1.2	1.7	.1	.0								3.0	4.2
ENE	3.1	3.0	.2	.0								6.3	3.7
E	4.0	4.0	.5	.1								8.5	4.0
ESE	2.3	2.4	.7	.0								5.4	4.3
SE	1.4	2.5	.8	.1								4.7	4.8
SSE	1.1	2.4	2.1	.9								6.4	6.7
S	1.9	6.2	12.2	7.9	.2							28.4	8.6
SSW	.4	1.4	1.7	.4								3.8	7.0
SW	.3	1.0	.9	.3								2.4	6.8
WSW	.4	1.2	.8	.1								2.5	6.0
W	.4	1.2	1.4	1.0								4.0	7.8
WNW	.2	.9	1.3	.7								3.2	7.8
NW	.3	1.3	1.8	1.0	.0							4.4	8.2
NNW	.3	1.9	2.3	.7								5.3	7.3
VARBL													
CALM												2.5	
	18.4	34.4	30.4	14.0	.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 5952

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.[illegible]	1.9	1.1								6.9	6.7
NNE	.3	.6	.7									1.5	6.3
NE	1.9	.8	.1									2.9	3.4
ENE	5.1	3.9	.4									9.4	3.6
E	6.2	3.6	.4									10.3	3.5
ESE	4.3	3.5	.3									8.1	3.7
SE	1.2	3.2	.1	.1								4.7	4.5
SSE	1.1	1.5	1.7	.8								5.1	6.7
S	1.8	4.9	10.4	7.5	.8	.4						25.8	9.3
SSW	.3	1.0	1.2	.1								2.6	6.4
SW	.4	.3	.4									1.1	5.4
WSW	.3		1.0	.1								1.4	7.5
W	.3	1.4	1.5	.8	.1							4.2	8.1
WNW	.1	1.8	1.2	.8								4.0	7.6
NW	.6	1.0	1.8	.4								3.7	7.2
NNW	.1	1.2	1.1	.1								2.6	6.6
VARBL													
CALM												5.4	
	29.1	31.5	24.4	12.1	1.0	.4						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 720

L AL CLIMATOLOGY BRANCH
TAC
ATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.8	2.4	.1								5.8	6.2
NNE	.6	1.4										1.9	3.8
NE	1.5	1.4	.1									3.1	3.9
ENE	4.9	4.2	.1									9.2	3.6
E	7.5	4.6	.3									12.4	3.5
ESE	2.6	1.5	.4									4.6	3.9
SE	2.5	3.7	.4									6.7	4.1
SSE	1.0	3.6	2.5	.8								7.9	6.3
S	1.4	3.5	9.4	7.8	.6	.3						22.9	9.7
SSW	.4	.4	1.1									1.9	6.4
SW	.3	1.0	.3	.1								1.7	5.3
WSW	.3	.4	.6	.1	.1							1.5	7.4
W	.3	.7	1.1	.4								2.5	8.0
WNW	.6	.8	2.5	.8								4.7	7.8
NW		1.4	2.1	.6								4.0	7.3
NNW	.3	1.9	1.2	1.0	.1	.1						4.7	8.0
VARBL													
CALM												4.4	
	34.6	33.3	24.6	11.8	.8	.4						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 720

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.3	3.2	1.2								8.6	6.6
NNE	.4	.5		.1								1.4	4.6
NE	1.0	2.2	.1									3.3	3.9
ENE	3.3	3.6										6.9	3.7
E	6.2	4.2	.1									10.6	3.6
ESE	3.3	2.5	.1									6.0	3.6
SE	1.2	1.9	.6	.4								4.2	5.3
SSE	.6	2.5	2.2	1.0	.1							6.4	7.4
S	1.1	5.3	9.7	11.1	.7	.3						28.2	9.8
SSW	.6	1.0	1.8	.7								4.0	7.3
SW	.4	.8	.7									1.9	5.8
WSW	.3	.3	.3	.1								1.0	6.0
W	.3	.3	.8	.1								1.5	7.4
WNW	.1	.6	2.2	1.1								4.0	8.7
NW		1.5	1.5	2.4								5.4	9.5
NNW	.4	2.4	1.7	.9	.1	.1						5.1	7.4
VARBL													
CALM												1.4	
	20.1	33.2	25.1	18.7	1.0	.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | SEP MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	3.3	4.7	1.5								10.4	7.3
NNE	.3	.8	.7									1.8	5.5
NE	.4	1.2	.1									1.8	4.5
ENE		.6	.1									.7	4.8
E	.8	.8	.3	.3								2.2	4.8
ESE	.5	.7	.7	.1								2.1	6.1
SE	.6	1.1	.4									2.1	4.7
SSE	.1	1.1	1.9	1.8	.1							5.1	9.4
S	.4	2.9	9.6	21.1	2.6	.1						36.8	11.7
SSW	.4	1.2	1.9	1.9								5.6	8.6
SW	.1	.6	.6	.7								1.9	8.4
WSW	.4	.9	.6	.3								2.1	6.6
W	.3	1.1	1.1	1.4								3.9	8.6
WNW	.1	1.2	1.5	1.8								4.7	9.1
NW	1.1	1.5	4.3	3.2								10.1	8.5
NNW	.4	1.8	3.6	2.2								8.1	8.4
VARBL													
CALM												.6	
	6.9	21.0	32.2	36.4	2.8	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

1...42 (STATION) | ...BURLINGTON INTL VT (STATION NAME) | 73-80 (YEARS) | SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.1	4.2	2.1								8.9	8.3
NNE	.3	1.1	.4	.1								1.9	6.1
NE	.1	.7										.8	4.7
ENE	.1	.4										.6	4.8
E	.4	1.0	.8									2.2	5.9
ESE	.3	.7	.6	.3								1.8	7.1
SE	.3	1.0	.8	.1								2.2	6.0
SSE	.4	.7	.8	2.2								4.2	9.6
S	.4	2.6	6.7	20.8	4.2							34.7	12.1
SSW	.3	1.2	1.9	1.5								5.0	8.4
SW	.3	.8	1.4	.1	.1							2.3	7.4
WSW	.4	1.0	.7	.6								2.6	6.8
W	.4	.6	2.1	1.0								4.0	8.3
WNW	.4	1.4	2.4	3.2								7.4	9.2
NW	.3	1.8	5.6	3.3	.1							11.1	9.3
NNW	.1	1.4	3.9	3.6								9.0	9.3
VARBL													
CALM												.7	
	5.1	18.5	32.2	39.0	4.4							100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 720

AL PAL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-90 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	4.0	6.7	1.7								12.8	7.5
NNE	.7	1.5	.8	.1								3.2	5.4
NE	.3	1.7	.3									2.2	5.1
ENE	.6	.7										1.2	4.0
E	.4	1.4	.3									2.1	5.1
ESE	.6	1.0	.1	.4								2.1	6.1
SE	.7	1.1	.4	.3								2.5	5.7
SSE	.8	1.0	2.9	1.7								6.4	8.4
S	.8	4.3	9.9	15.1	1.4	.1						31.7	10.5
SSW	.6	1.2	1.2	.4		.1						3.6	7.4
SW	.3	1.0	.4									1.7	5.5
WSW	.4	.7	.8	.8								2.8	8.1
W	.1	.8	1.4	1.1								3.5	8.4
WNW	.8	1.5	1.8	2.6								6.8	8.9
NW	.3	1.4	1.8	3.3								6.8	9.8
NNW	.4	2.5	4.7	2.9	.1							10.7	8.7
VARBL													
CALM													
	8.2	25.8	33.6	30.6	1.5	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 720

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

...AL CLIMATOLOGY BRANCH
...AFETAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	4.9	2.5	.1								9.3	5.4
NNE	.6	1.2	.1									1.9	4.1
NE	.8	1.4	.1									2.4	3.9
ENE	3.1	2.1										5.1	3.4
E	2.8	3.5	.6									6.8	4.0
ESE	1.8	2.4	.7	.1								5.0	4.5
SE	1.1	2.9	1.5	.1								5.7	5.6
SSE	1.0	2.8	2.9	1.4								8.1	7.3
S	1.8	5.1	10.8	7.8	.7							26.2	9.1
SSW	.7	.8	.7	.3								2.5	6.2
SW	.7	.6	.6	.3								2.1	5.5
WSW	1.1	.3	.3	.4								2.1	5.7
W	.4	1.9	.8	.3								3.5	6.2
WNW	.7	2.6	2.1	1.0								6.4	7.0
NW	.3	1.9	2.2	.6	.3							5.3	8.0
NNW	.6	3.1	2.1	1.1	.1							6.9	7.4
VARBL													
CALM												.7	
	19.2	37.5	28.1	13.5	1.1							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 724

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 BURLINGTON INTL VT 73-80 SEP
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	2.1	.4								5.4	6.5
NNE		1.1										1.1	4.8
NE	1.5	2.2										3.7	3.9
ENE	3.7	4.3	.7									8.7	4.1
E	4.6	4.0	.3									8.9	3.7
ESE	4.4	2.5	.6									7.5	3.7
SE	1.7	2.6	.7									5.0	4.5
SSE	2.2	2.3	2.6	.1	.1							7.9	5.8
S	2.1	5.6	10.0	6.9	.1							24.7	8.5
SSW	.3	1.2	1.7	.3	.1							3.6	7.6
SW		.3	.4	.1								1.4	6.7
WSW	.7	.8	.1	.4								2.1	6.2
W	.6	.3	1.9	.7								4.0	7.8
WNW	.3	1.0	.7	.8								2.8	7.6
NW	.1	1.3	2.4	1.1								5.4	8.2
NNW	.7	1.5	2.4	1.1								5.7	7.6
VARBL													
CALM												1.9	
	23.9	35.1	26.5	12.1	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 720

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

GL[illegible]AL CLIMATOLOGY BRANCH
[illegible]SAFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.2	3.5	1.0								8.5	6.9
NNE	.4	1.1	.3	.1								1.9	5.1
NE	1.0	1.5	.1									2.5	4.0
ENE	2.6	2.5	.2									5.2	3.8
E	3.6	2.9	.4	.0								6.9	3.8
ESE	2.2	1.8	.4	.1								4.6	4.2
SE	1.2	2.2	.6	.1								4.1	4.9
SSE	.9	2.0	2.2	1.2	.1							6.4	7.4
S	1.2	4.3	9.6	12.3	1.4	.2						28.9	10.2
SSW	.4	1.0	1.5	.7	.0	.0						3.6	7.6
SW	.3	.7	.6	.2	.0							1.8	6.4
WSW	.5	.5	.5	.4	.0							1.9	6.9
W	.3	1.0	1.4	.7	.0							3.4	7.9
WNW	.4	1.4	1.8	1.5								5.1	8.3
NW	.3	1.5	2.7	1.9	.1							6.5	8.7
NNW	.4	2.0	2.6	1.6	.1	.0						6.6	8.2
VARBL													
CALM												1.9	
	16.6	29.5	28.4	21.8	1.6	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 5760

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.7	2.6	1.3								7.4	7.1
NNE	.7	.1	.1									.9	3.9
NE	.8	1.1										1.9	3.8
ENE	4.7	3.6	.1									8.5	3.5
E	5.2	3.9	.3									9.4	3.7
ESE	3.0	2.0	.1									5.1	3.6
SE	2.8	1.7	.4	.3								5.2	4.1
SSE	1.9	2.4	1.7	1.5	.1							7.7	6.7
S	1.7	3.5	7.7	8.1	1.7	.3						23.0	9.9
SSW	.7	.9	.5	.4								2.6	6.2
SW	.1	.3	.1	.3								.8	8.5
WSW	.5	.7	.5	.9								2.7	7.9
W	.1	1.1	2.2	2.2								5.5	9.3
WNW	.1	1.7	2.7	1.6								6.2	6.1
NW	.5	1.2	1.6	1.2	.3							4.8	8.3
NNW	.4	1.3	3.0	1.2	.1							6.0	8.6
VARBL													
CALM												2.3	
	24.2	28.4	23.7	19.0	2.3	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 744

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

...AL CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

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

14 42 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	3.6	1.1								7.9	7.6
NNE	.5	.5	.1									1.2	4.3
NE	1.1	1.3	.3									2.7	4.1
ENE	6.0	2.7	.1									8.9	3.3
E	5.5	4.3	.5									10.3	3.7
ESE	2.8	2.2	.4	.1								5.5	4.0
SE	1.3	1.1	.7	.5								3.6	5.4
SSE	1.2	2.6	1.2	.8								5.8	6.2
S	1.9	3.9	8.3	9.5	1.1							24.7	9.6
SSW	.4	.4	.7	.3								1.7	7.0
SW	.4	.4	.4	.3								1.5	6.5
WSW	.4	.4	.3	.9								2.0	8.3
W	.1	.8	2.3	1.1	.1							4.4	9.1
WNW	.1	1.3	3.0	1.2								5.6	8.4
NW	.1	.5	3.5	.8								5.0	8.4
NNW	.4	1.1	1.5	2.6	.3							5.3	9.3
VARBL													
CALM												3.2	
	23.5	25.7	26.9	19.2	1.5							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.8	4.4	1.1								8.9	7.6
NNE	.4	.7	.8	.1								2.0	5.5
NE	.9	1.1										2.0	3.5
ENE	4.2	3.1										7.3	3.6
E	6.1	5.4	.1									11.6	3.6
ESE	2.6	1.5	.9	.1								5.1	4.5
SE	.9	1.3	.3	.3								2.8	4.9
SSE	1.3	.7	1.6	.7								4.3	6.8
S	2.0	5.0	7.1	10.1	1.3	.1						25.7	9.2
SSW	.4	.4	.9		.1							1.9	7.3
SW	.5	.4	.4	.7								2.0	6.3
WSW	.3	.5	.4	.9								2.2	6.8
W	.1	.4	2.7	2.3								5.5	10.4
WNW	.7	1.2	2.8	1.7								6.1	8.9
NW		.4	1.9	1.6								3.9	9.7
NNW	.1	1.3	2.0	1.9	.3							5.7	9.4
VARBL													
CALM												3.1	
	20.7	26.2	26.5	21.5	1.7	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 743

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

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

42	BURLINGTON INTL VT	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	4.6	2.8	.1							9.9	8.7
NNE	.3	.7	.3	.1								1.3	5.6
NE	.5	.9										1.5	4.4
ENE	.3	1.6										2.4	4.1
E	.7	1.9	.3									2.8	4.7
ESE	.7	1.1	.9	.4								3.1	6.3
SE	.4	1.3	.5	.7								3.0	7.3
SSE	.7	1.3	1.7	.9								4.7	7.7
S	1.1	5.1	7.8	16.9	3.1							34.0	11.2
SSW		1.1	2.4	1.2								4.7	8.8
SW	.4	.5	.5	.9								2.4	9.1
WSW	.5	.3	.9	1.1	.1							3.0	8.8
W	.4	.5	1.7	3.1	.1							5.9	10.1
WNW	.1	.5	1.9	2.7	.1							5.4	10.2
NW	.5	.3	3.5	1.9								6.7	8.6
NNW	.1	1.1	4.3	2.7	.1							8.3	9.2
VARBL													
CALM												.8	
	8.1	20.4	31.5	35.5	3.8							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 744

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

L[illegible] (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.3	5.0	2.3								10.1	6.4
NNE	.3	.5	.4	.1								1.7	6.2
NE	.3	.7										.9	4.3
ENE	.4	.5										.9	4.1
E	.3	.7	.8	.3	.1							2.2	7.8
ESE	.1	.7	.3	.7								1.7	8.3
SE	.1	.4	.7	.8								2.0	8.8
SSE	.3	1.2	1.1	1.1								3.6	8.2
S	.5	3.1	8.9	17.3	1.9	.1						31.9	11.3
SSW	.1	2.0	1.7	1.6	.1							5.2	6.0
SW	.1	.7	1.3	.7								2.8	3.1
WSW	.1	1.5	1.1	1.2								3.9	6.4
W		1.1	2.2	4.0	.5							7.8	10.2
WNW		1.2	3.1	3.2	.4							7.9	10.5
NW	.3	1.2	3.4	2.2								7.0	9.2
NNW	.5	1.9	3.6	2.7	.1							6.9	8.7
VARBL													
CALM												.4	
	3.5	21.1	33.5	38.2	3.2	.1						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 744

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	4.3	5.4	1.6								11.8	7.5
NNE	.3	1.1	1.2	.3								2.9	7.3
NE	.3	1.2	.3									1.7	4.8
ENE	.7	.1										.8	3.5
E	.3	.9	.4	.3								1.9	6.4
ESE	.5	.8	.7	.8								2.8	7.4
SE	.3	.6	1.2	.3								2.5	7.1
SSE	.4	1.6	1.2	.7								3.9	7.4
S	1.5	4.4	11.7	10.1	.7	.1						28.5	9.7
SSW	.4	1.3	1.6	.4								3.3	6.8
SW	.3	1.2	.7	.5								2.7	7.4
WSW		.7	1.1	.9								2.7	9.7
W	.4	1.2	3.2	2.2								7.0	9.0
WNW	.3	1.1	2.8	3.6	.4							8.2	10.1
NW	.1	2.7	3.9	3.1								9.8	9.0
NNW	.4	3.0	4.2	1.3								8.9	7.9
VARBL													
CALM												.1	
	6.9	26.2	39.5	26.1	1.1	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 744

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

L AL CLIMATOLOGY BRANCH
YAC
EATHER SERVICE/MAC

SURFACE WINDS

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

L 4[illegible] (STATION) — [illegible]LINGTON INTL VI (STATION NAME) — 73-80 (YEARS) — OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	4.3	2.2	1.2	.1							8.7	7.6
NNE	.1	1.3	.4									1.9	5.4
NE	1.1	1.0	.3									2.5	4.3
ENE	1.3	1.7										3.1	3.7
E	2.6	2.4	.5	.3								6.0	4.3
ESE	1.5	.2	.7	.5	.1							6.0	5.6
SE	1.1	2.3	.6	.3								4.4	5.4
SSE	1.5	3.5	3.1	.4								8.6	6.1
S	1.7	4.3	9.1	5.6	.1	.7						21.6	8.9
SSW	.3	.8	.5	.7								2.3	7.8
SW	.8	.8	.7	.8								3.1	7.2
WSW	.3	.1	.7	.3								1.3	7.7
W	.9	.9	2.7	1.3								5.9	8.3
WNW	.7	2.3	3.5	1.7								7.9	7.9
NW	.5	1.9	1.6	2.2								6.2	8.4
NNW		1.7	2.8	2.2	.3							7.0	9.3
VARBL													
CALM												2.6	
	15.2	33.9	29.6	17.5	.7	.7						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 744

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

L AL CLIMATOLOGY BRANCH
STAC
EATHER SERVICE/MAC

SURFACE WINDS

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

14 42 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.7	3.1	1.2	.1							7.8	7.4
NNE	1.3	.7										2.0	3.6
NE	1.3	.9	.1									2.4	3.7
ENE	4.2	3.6										7.8	3.6
E	2.7	3.4	.4	.3								6.7	4.4
ESE	3.1	3.6	.3	.3								7.3	4.4
SE	1.1	2.6	1.1	.1	.3							5.1	6.0
SSE	1.1	2.2	2.2	.7		.1						6.2	7.0
S	3.0	5.4	8.1	6.3	.9	.3						23.9	6.9
SSW	.5	.7	.4	.4								2.0	5.6
SW	.4	.7	.5	.3								1.9	6.6
WSW	.3	.5	1.3	.8								3.0	6.7
W	.4	.3	2.0	1.2								3.9	8.9
WNW	.3	2.0	2.6	1.7	.1							6.7	8.4
NW	.5	.8	2.0	1.7	.3							5.4	9.3
NNW	.4	.9	2.2	1.9								5.4	8.6
VARBL													
CALM												2.6	
	22.2	30.9	26.2	16.9	1.7	.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 744

CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.9	3.6	1.6	.1							9.1	7.7
NNE	.5	.8	.4	.1								1.7	5.4
NE	.8	1.1	.1									2.1	4.1
ENE	2.8	2.1	.0									5.0	3.6
E	2.9	2.9	.4	.1	.0							6.4	4.2
ESE	1.8	1.9	.5	.4	.0							4.6	5.1
SE	1.0	1.4	.7	.4	.2							3.6	5.8
SSE	1.1	1.9	1.7	.8	.0	.0						5.6	6.5
S	1.7	4.3	5.6	10.5	1.4	.2						26.7	10.0
SSW	.4	1.0	1.1	.6	.0							3.1	7.5
SW	.4	.6	.6	.6								2.2	7.7
WSW	.3	.6	.8	.9	.2							2.8	8.6
W	.3	.3	2.4	2.2	.1							5.7	9.5
WNW	.2	1.4	2.8	2.2	.1							6.8	9.2
NW	.3	1.2	2.7	1.8	.1							6.1	8.9
NNW	.3	1.5	2.9	2.1	.2							7.0	8.8
VARBL													
CALM												1.9	
	15.5	26.5	29.7	24.2	2.0	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 5951

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

1...92	...IRLINGTON INTL VT	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.6	2.4	1.7	.1							8.3	7.7
NNE	.7	.3	.4	.3								1.2	6.8
NE	1.4	1.7	.1									3.2	3.8
ENE	2.2	5.0	.3									7.5	4.1
E	2.4	3.7	.6									6.7	4.1
ESE	1.0	1.5	.6	.1								3.2	4.9
SE	1.2	1.0	.6	.1								2.9	5.2
SSE	1.4	1.4	2.1	1.9								6.8	7.7
S	2.1	4.4	7.4	10.4	1.4	.4						26.1	9.9
SSW	.6	1.0	1.1	.3								2.9	6.5
SW	.4		.8									1.2	6.4
WSW	.1	.4	.7	.8	.1							2.2	9.4
W		1.1	2.2	2.9								6.2	10.2
WNW		.6	1.9	2.5	.1							5.1	10.6
NW	.1	1.7	2.5	3.7	.6							8.6	10.0
NNW	.1	1.5	1.9	1.8	.3							5.7	9.5
VARBL													
CALM												1.9	
	13.9	28.9	25.6	26.7	2.6	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...42 (STATION) ...RLINGTON INTL VT (STATION NAME) 72-80 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.4	2.8	1.5								7.6	7.3
NNE	.1	1.0	.1									1.2	5.3
NE	.6	2.2	.1									2.9	4.3
ENE	2.9	2.4	.4									5.7	4.0
E	2.1	3.2	.3									5.6	3.9
ESE	1.9	2.6	.4									4.9	4.1
SE	1.0	1.9	.7	.3								3.9	5.6
SSE	.8	1.7	3.1	1.7	.1							7.4	8.3
S	1.5	3.7	7.8	10.4	2.2	.3						26.0	10.3
SSW	.1	.3	.6									1.0	6.6
SW	.1	.8	.7	.1								1.8	6.7
WSW	.1	.3	1.2	.6	.1	.1						2.5	10.3
W	.1	.1	3.1	2.1	.1							5.6	10.3
WNW	.1	.5	2.8	2.2								5.7	10.0
NW	.3	1.2	2.9	4.2								8.6	10.2
NNW	.4	1.4	3.7	2.2	.3							8.1	8.9
VARBL													
CALM												1.7	
	13.2	25.8	30.7	25.3	2.9	.4						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

1 ...42 (STATION) | BURLINGTON INTL VT (STATION NAME) | 73-80 (YEARS) | NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.1	2.4	1.1								7.1	7.3
NNE	.7	.6	.4									1.7	5.2
NE	1.2	2.5	.1									3.9	4.3
ENE	2.9	4.0										6.9	3.8
E	1.6	2.4	.4									4.5	4.1
ESE	1.5	2.6	1.0	.3								5.4	5.3
SE	.6	1.8	.8	.1								3.3	5.6
SSE	1.0	1.5	1.9	1.1								5.6	7.5
S	1.5	4.0	8.2	11.8	1.5	.7						27.8	10.0
SSW		1.2	.7	.4								2.4	7.1
SW	.1	.6	.3	.1								1.1	6.3
WSW	.1	.1	.4	.7								1.4	9.3
W	.1	.3	1.0	3.9	.3							6.5	11.3
WNW		.8	2.2	2.9								6.0	9.9
NW	.7	1.4	1.7	3.5	.4							7.8	10.4
NNW	.4	1.5	2.6	3.2	.1							7.9	9.5
VARBL													
CALM												1.2	
	12.9	28.5	25.1	29.2	2.4	.7						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 720

OL[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] FATHER SERVICE/MAC

SURFACE WINDS

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

14[illegible] (STATION) — [illegible]LINGTON INTL VT (STATION NAME) — 73-80 (YEARS) — NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.1	3.2	1.2								8.3	7.2
NNE	.3	1.2	.1	.1								1.8	5.7
NE	.1	1.0	.3									1.4	5.3
ENE	.4	2.5	.1									3.1	4.9
E	.6	1.4	.3									2.2	4.3
ESE	.7	1.1	.8	.4								3.1	6.4
SE	.6	.4	.8	.7								2.5	7.6
SSE	1.1	1.0	2.5	.7								5.3	7.2
S	.6	3.6	11.2	16.7	3.1	.7						35.8	11.4
SSW	.4	.7	1.2	.6								2.9	7.4
SW	.3	.9	.6	.3								1.9	7.2
WSW		.1	1.2	1.2								2.6	10.3
W	.4	.4	1.2	2.1	.4							4.6	10.4
WNW	.1	.4	2.6	3.5	.1							6.8	10.6
NW	.2	1.0	2.5	4.0	.4							8.2	10.6
NNW	.1	1.1	3.9	2.6	.3	.1						8.2	9.7
VARBL													
CALM												1.2	
	6.8	19.9	32.8	34.2	4.3	.8						100.2	9.4

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1300-1400 (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	.4	2.8	5.6	2.2								11.0	7.9
NNE	.4	.3	.4									1.1	5.1
NE		.5	.1									.7	5.6
ENE	.6	.8										1.4	4.1
E	.1	.1		.3								.6	7.5
ESE	.4	.3	.6	.7								1.9	8.2
SE	.1	.3	.7	1.0								2.1	10.1
SSE	.6	.8	1.0	1.8	.1	.1						4.4	9.4
S	.6	4.9	8.7	14.3	2.5	.3	.1					31.4	11.2
SSW	.4	1.1	1.1	1.4								4.0	8.1
SW	.1	1.4	1.0	.8								3.3	8.0
WSW	.6	.8	2.2	1.4								5.0	8.6
W	.1	.4	3.1	4.6								8.2	10.8
WNW	.4	1.0	1.2	3.2	.1							6.0	10.0
NW	.3	1.7	3.3	3.3	.6							9.2	10.0
NNW	.1	1.9	4.0	2.4	.4							8.9	9.3
VARBL													
CALM												.8	
	5.3	19.2	33.1	37.4	3.7	.4	.1					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 720

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

...L CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...42	...LINGTON INTL VT	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.7	4.3	1.9								10.8	7.5
NNE		2.1	.8	.1								3.1	6.2
NE	.1	1.5	.6									2.2	5.6
ENE	.6	.4										1.0	3.7
E	.5	.6	.6	.3								1.9	6.2
ESE	.1	1.4	.1	.1								1.8	5.1
SE	.4	.7	2.1	.7								3.9	7.5
SSE	.7	1.5	1.8	1.5	.4							6.0	5.9
S	.7	5.1	8.1	10.1	1.9	.1						26.0	10.2
SSW	.3	1.2	1.5	.7								3.7	7.5
SW	.1	1.0	.6	.7								2.4	8.0
WSW		1.0	1.8	.8								3.6	6.3
W	.4	.3	3.1	2.5								6.2	9.6
WNW	.4	.9	3.7	3.6	.3							8.9	9.8
NW	.3	1.7	2.5	3.5	.7							8.6	10.1
NNW	.6	2.8	2.9	2.5	.3							9.2	8.8
VARBL													
CALM												.6	
	6.1	25.8	34.4	29.2	3.5	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 72...

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

1...42 (STATION) | ...RLINGTON INT'L VT (STATION NAME) | 73-80 (YEARS) | NOV (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	3.7	3.6	1.8								1..1	7.3
NNE	.3	.9	.1	.1								1.4	5.2
NE	.4	2.5	.6									3.5	5.1
ENE	1.4	2.9	.1									4.4	4.4
E	1.2	2.2	.3									3.7	4.3
ESE	1.0	2.1	1.2									4.3	5.1
SE	.8	1.9	1.4	.6								4.7	6.3
SSE	.7	2.8	1.4	1.2	.1							6.2	7.3
S	1.1	4.6	7.5	9.4	.7							23.3	9.6
SSW	.3	1.4	.6	.1								2.4	5.7
SW	.1	1.0	.8	.6								2.5	7.6
WSW	.3	.3	1.2	.7								2.5	8.9
W	.6	.7	2.2	1.8								5.3	9.1
WNW	.4	.3	2.6	4.2	.1	.3						7.9	10.6
NW	.6	1.1	2.6	3.1	.6	.1						8.1	10.3
NNW	.1	2.8	3.1	1.2	.3							7.5	8.2
VARBL													
CALM												2.1	
	10.3	31.1	29.4	24.9	1.9	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 720

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 BURLINGTON INTL VT 73-80 NOV
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	3.6	1.8								9.7	7.9
NNE	.6	.8	.4									1.8	4.9
NE	.8	2.5										3.3	4.1
ENE	2.4	3.2	.3									5.8	4.2
E	2.1	3.2	.6									5.8	4.3
ESE	2.2	2.1	.6	.3								5.1	4.5
SE	1.5	1.1	.7	.6								3.9	6.0
SSE	1.6	2.5	3.3	.6								7.4	7.1
S	.8	4.0	8.1	9.3	1.2							23.5	10.2
SSW	.3	.4	.6	.8								2.1	8.5
SW		.4	.7	.4								1.5	8.5
WSW		.8	1.2	.1								2.2	7.4
W	.1	.6	2.8	2.5	.3	.1						6.4	10.2
WNW	.1	.6	2.1	1.8	.1							4.7	9.9
NW	.3	1.2	2.5	4.3	.6							8.9	10.8
NNW	.3	1.4	2.5	2.4	.1							6.7	9.5
VARBL													
CALM												2.1	
	13.5	27.2	29.9	24.9	2.4	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 724

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

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] | [illegible]LINGTON INTL VT | 73-80 | NOV
STATION | STATION NAME | YEARS | MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.1	3.5	1.7	.2							9.0	7.5
NNE	.3	.7	.4	.1								1.7	5.6
NE	.6	1.8	.2									2.6	4.6
ENE	1.7	2.7	.2									4.5	4.1
E	1.4	2.1	.4	.1								3.9	4.7
ESE	1.1	1.7	.7	.2								3.7	5.2
SE	.8	1.1	1.?	.5								3.4	6.?
SSE	.9	1.6	2.1	1.3	.1	.0						6.1	7.?
S	1.1	4.3	8.4	11.6	1.8	.3	.?					27.5	10.5
SSW	.3	.?	.9	.5								2.?	7.3
SW	.2	.7	.?	.4								2.0	7.5
WSW	.2	.5	1.3	.8	.?	.0						2.8	9.0
W	.2	.5	2.4	2.8	.1	.0						6.1	10.3
WNW	.2	.6	2.4	3.0	.1	.0						6.4	10.2
NW	.3	1.4	2.6	3.7	.5	.0						8.4	10.3
NNW	.3	1.?	3.1	2.3	.3	.0						7.7	9.1
VARBL													
CALM												1.5	
	10.2	25.?	30.1	28.9	3.2	.?	.0					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 5762

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

L AL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 BURLINGTON INTL VT 73-80 DEC
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.7	4.4	2.7	.1							10.7	8.2
NNE	.4	1.2	.7	.3								2.6	6.3
NE	.7	2.2	.1									3.0	4.5
ENE	2.3	6.5	.7									9.4	4.5
E	1.3	4.6	1.1									7.0	4.8
ESE	1.3	1.6	.8	.3								4.0	5.3
SE	.5	1.5	.3	.3								2.6	5.5
SSE	.4	1.5	2.3	1.2								5.4	8.1
S	.5	2.8	10.1	10.8	1.5	.4						26.5	10.8
SSW	.3	.3	.7	.3	.1							1.6	8.4
SW	.3	.1	.8									1.2	7.0
WSW	.3	.4	.7	.3								1.6	7.5
W		.3	1.9	1.3	.3							3.8	10.7
WNW		.5	2.0	3.5	.7							6.7	11.9
NW	.1	.8	1.7	1.5	.7							4.8	10.6
NNW	.4	1.9	2.6	2.6	.4	.3						8.1	9.7
VARBL													
CALM												.9	
	10.2	28.8	30.8	24.9	3.8	.7						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 744

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

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...42	BURLINGTON INTL VT	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.6	4.8	2.3	.1							10.1	8.6
NNE	.1	.3	.5	.3								1.2	6.9
NE	.4	2.4	.7									3.5	5.2
ENE	1.9	3.5	.9									6.3	4.6
E	2.2	3.6	.4									6.2	4.1
ESE	1.6	2.3	1.3	.1								5.4	5.4
SE	.7	.9	1.2	.3								3.1	6.2
SSE	.3	2.0	1.6	1.3								5.2	7.9
S	.9	3.9	8.1	11.2	1.6	.1						25.8	10.7
SSW	.1	1.3	.8	.3								2.6	7.0
SW		.8	.3									1.1	6.1
WSW		.1	.1	.4	.3							.9	12.7
W	.3	.4	2.0	1.9	.3							4.8	10.2
WNW	.1	1.1	2.2	2.8	.1							6.3	9.9
NW	.1	1.3	2.2	2.7	.9							7.3	11.1
NNW	.3	1.3	2.2	2.6	.1							6.5	9.4
VARBL													
CALM												1.7	
	9.3	30.0	29.3	26.1	3.5	.1						100.2	8.3

TOTAL NUMBER OF OBSERVATIONS 744

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.2	5.3	2.2	.3							9.8	8.8
NNE	.3	.7	1.3	.1								2.7	6.3
NE	.1	1.6	.9									2.7	5.6
ENE	1.7	7.1	.7									9.5	4.7
E	1.7	4.4	1.3									7.5	5.2
ESE	1.3	2.3	.8									4.4	4.7
SE	.4	2.7	.7	.1								3.9	5.6
SSE	.7	2.[illegible]	1.3	1.5								5.5	7.4
S	.7	3.8	7.9	9.6	1.5							23.4	11.5
SSW		.[illegible]	1.2	.4								2.4	7.3
SW		1.1	.4	.1								1.6	6.3
WSW		.4	.4									.8	6.3
W		.[illegible]	.9	2.3	.3							4.3	10.8
WNW	.3	.4	2.2	3.4	.4							6.6	11.4
NW	.4	.9	1.2	4.4	1.1	.1						8.2	11.9
NNW	.1	.7	2.0	1.9								4.7	9.9
VARBL													
CALM												1.7	
	6.1	32.2	28.4	26.0	3.5	.1						100.3	8.3

TOTAL NUMBER OF OBSERVATIONS 743

L AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.9	4.7	2.0	.1							9.1	8.6
NNE	.5	1.1	1.1	1.1								3.3	7.5
NE	.4	1.7	1.6									3.8	5.8
ENE	1.6	2.8	.7									5.1	4.4
E	1.6	2.9	.7									5.1	4.6
ESE	1.2	1.5	.8	.3								3.8	5.2
SE	.1	.7	.8	.3								1.9	7.2
SSE	.9	.7	1.3	.6	.3							4.0	8.2
S	.7	3.2	9.1	14.9	3.0	.3						31.2	11.4
SSW	.1	.7	1.2	.3								2.3	7.6
SW	.4	1.2	.3									1.9	4.9
WSW			1.1	.4	.3							1.7	10.7
W	.1	.4	1.6	2.6								4.7	10.8
WNW		.1	2.4	3.0	.4							5.9	11.3
NW	.5	.9	2.7	2.8	.4							7.4	10.1
NNW	.4	.8	2.2	3.1	1.1	.1						7.7	11.2
VARBL													
CALM												.7	
	9.1	20.6	32.3	31.5	5.5	.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 744

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

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

14... BURLINGTON INTL VT 73-80 DEC
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.7	8.3	3.4	.1	.1						15.3	8.8
NNE		1.1	1.1	.1								2.3	7.2
NE	.5	1.1	.4									2.0	5.1
ENE	1.1	.7	.1									1.9	3.8
E	1.2	.8	.7	.1								2.9	5.1
ESE	.6	.7	.9	.1								2.7	5.4
SE	.4	.1	.9	.4								1.9	7.9
SSE	.1	.3	.9	1.1								3.0	9.7
S	.5	1.9	10.3	16.8	2.8	.3	.1					32.8	11.8
SSW	.4	1.1	1.5	.4	.1							3.5	7.5
SW	.5	.5	.7	.4								2.2	6.3
WSW	.1	.1	.8	1.1								2.2	10.5
W	.2	.1	1.3	3.0	.3							5.0	11.3
WNW	.1	.1	1.6	3.4	.5							5.8	12.3
NW	.7	1.5	2.7	2.6	.3							7.7	9.2
NNW	.1	1.3	3.8	1.9	.9							8.1	10.3
VARBL													
CALM												1.1	
	7.8	14.7	36.2	34.7	5.1	.4	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 744

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...4...	BURLINGTON INTL VT	73-80	DEC

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	.9	3.6	5.0	3.6								13.2	6.4
NNE	.3	.7	2.3	.5	.1							3.9	8.1
NE	.1	1.9	.7									2.7	5.5
ENE	.5	1.7	.7									3.0	5.0
E	.9	.7	.5									2.2	4.6
ESE	.4	1.7	2.0									4.2	6.2
SE	.9	1.5	1.2	.3								3.9	6.1
SSE	.1	.9	1.9	1.3								4.3	8.7
S	.5	3.2	10.9	10.2	1.5	.4						26.7	10.5
SSW	.3	1.1	.5	.1								2.0	5.9
SW		.3	.5	.1								.9	7.6
WSW		.3	.4	1.7								2.4	10.9
W	.5	.3	1.1	2.0	.1							4.0	10.2
WNW		1.7	2.3	3.2	1.2	.1						8.6	11.2
NW	.4	2.0	1.5	3.5	.9							8.3	10.7
NNW	.3	1.9	2.2	3.9								8.2	9.4
VARBL													
CALM												1.5	
	6.3	23.5	33.6	30.6	3.9	.5						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 744

CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1800-2400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	3.9	3.6	3.4	.3							12.2	6.7
NNE	.1	1.5	.7	.3								2.7	6.3
NE	.5	1.2	1.2									3.0	5.7
ENE	1.1	3.2	1.2									5.5	5.0
E	1.2	2.6	.8	.1								4.7	5.1
ESE	1.3	2.7	1.7									5.8	5.1
SE	.5	2.2	.7	.1								3.5	5.5
SSE	.4	1.7	2.7	1.9	.3	.1						7.1	9.2
S	.9	3.1	9.9	9.3	1.1	.3						24.6	10.2
SSW	.1	.2	.5	.3								1.9	7.1
SW		.4	.3									.7	6.2
WSW	.1	.4	.3	.8	.1							2.3	10.1
W	.3	.3	1.5	2.0	.3							4.3	10.4
WNW	.1	1.3	2.6	2.7	1.5	.1						8.3	11.5
NW	.3	1.6	1.6	2.7	.5	.1						6.9	10.7
NNW	.4	1.7	1.9	1.6	.1							5.8	8.5
VARBL													
CALM												.8	
	6.6	28.9	31.7	25.1	4.2	.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 744

L PAL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BURLINGTON INTL VT	73-80	DEC

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	3.0	2.7								10.2	7.9
NNE	.1	1.7	1.1	.1								3.1	6.3
NE	.9	2.7	.4									4.0	4.9
ENE	2.0	5.0	.3									7.3	4.4
E	1.6	3.2	.4	.1								5.4	4.7
ESE	2.0	1.3	.9									4.3	4.5
SE	.5	1.2	.9	.7								3.4	7.0
SSE	.3	1.5	2.8	.4	.1							5.1	7.3
S	.8	4.7	9.5	10.6	1.7	.4						27.8	10.6
SSW	.1	.4	1.1									1.6	6.8
SW	.3	.1	.4	.3								1.1	7.8
WSW	.1	.1	.7	.3	.1							1.3	9.8
W	.4	.8	.7	1.1	.3							3.2	9.4
WNW	.3	1.3	2.3	3.2	.4	.3						7.8	10.6
NW	.1	.9	1.7	3.4	.7							6.7	11.0
NNW	.3	2.2	1.3	2.2	.4	.1						6.5	9.4
VARBL													
CALM												1.2	
	10.3	31.3	27.6	25.0	3.8	.8						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 744

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]FETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.0	4.9	2.8	.1	.0						11.4	8.5
NNE	.2	1.1	1.1	.4	.0							2.8	7.2
NE	.5	1.8	.8									3.1	5.2
ENE	1.5	4.1	.7									6.3	4.6
E	1.5	2.8	.7	.1								5.1	4.8
ESE	1.3	1.6	1.2	.1								4.3	5.2
SE	.5	1.3	.8	.3								3.0	6.3
SSE	.4	1.4	1.9	1.2	.1	.0						5.0	8.2
S	.8	3.3	9.5	11.7	1.8	.3	.0					27.4	10.9
SSW	.2	.8	.9	.3	.0							2.2	7.2
SW	.2	.6	.5	.1								1.3	6.4
WSW	.1	.2	.6	.6	.1							1.7	10.0
W	.2	.4	1.4	2.0	.2							4.3	10.6
WNW	.1	.8	2.2	3.1	.7	.1						7.0	11.2
NW	.3	1.2	1.9	2.9	.7	.0						7.2	10.7
NNW	.3	1.5	2.3	2.5	.4	.1						6.9	9.8
VARBL													
CALM												1.2	
	8.7	26.2	31.2	28.0	4.2	.5	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14742	BURLINGTON INTL VT	73-81	ALL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.9	3.9	1.9	.1	.0						9.6	7.8
NNE	.4	1.0	.6	.1	.0							2.1	5.8
NE	.6	1.4	.3	.0								2.3	4.4
ENE	2.2	2.7	.2	.0								5.1	3.9
E	2.7	2.7	.4	.1	.0							5.8	4.1
ESE	1.8	1.7	.7	.2	.0	.0						4.4	4.9
SE	1.1	1.5	.8	.4	.0	.0						3.7	5.9
SSE	.8	1.6	1.9	1.1	.1	.0						5.5	7.5
S	1.5	4.3	9.1	10.1	1.3	.2	.0					26.5	10.0
SSW	.3	1.1	1.2	.5	.0	.0						3.1	7.3
SW	.3	.8	.7	.3	.0							2.1	6.9
WSW	.3	.7	.9	.5	.0	.0						2.4	7.8
W	.3	.9	1.7	1.6	.1	.0						4.6	9.1
WNW	.3	1.2	1.9	1.8	.2	.0	.0					5.5	9.3
NW	.4	1.6	2.6	2.5	.3	.0	.0					7.4	9.4
NNW	.4	1.8	3.0	2.3	.2	.0						7.8	8.9
VARBL													
CALM												1.9	
	14.5	27.8	29.8	23.5	2.3	.3	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 70116

...RAL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

14742 (STATION) ARLINGTON INTL VT (STATION NAME) 73-81 (YEARS) ALL (MONTH)

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

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

SPEED (KNTS) DIR.	1 - 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	5.3	9.0	4.2	.2							19.9	6.2
NNE	.5	1.2	.9	.3								2.9	6.4
NE	.6	1.1	.2									1.9	4.4
ENE	1.1	1.7	.2									3.0	4.2
E	1.3	1.8	.4	.0								3.6	4.7
ESE	1.1	1.3	1.1	.2								3.6	5.3
SE	.6	1.1	.8	.3								2.8	6.1
SSE	.7	1.2	1.7	.6	.0	.1						4.2	7.4
S	.9	3.6	5.8	4.8	.7	.1						15.9	9.2
SSW	.5	1.1	.8	.3								2.7	5.9
SW	.2	.8	.5	.1								1.6	6.2
WSW	.2	.7	.3	.1	.0							1.4	6.3
W	.2	.8	.5	.4								2.1	7.1
WNW	.4	1.1	1.2	.8	.1	.0						3.7	8.0
NW	.5	2.9	4.5	2.7	.3							10.9	8.6
NNW	.9	3.8	8.3	5.6	.6	.0						19.1	9.2
VARBL													
CALM												1.9	
	11.1	29.5	35.0	20.3	1.9	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 5705

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

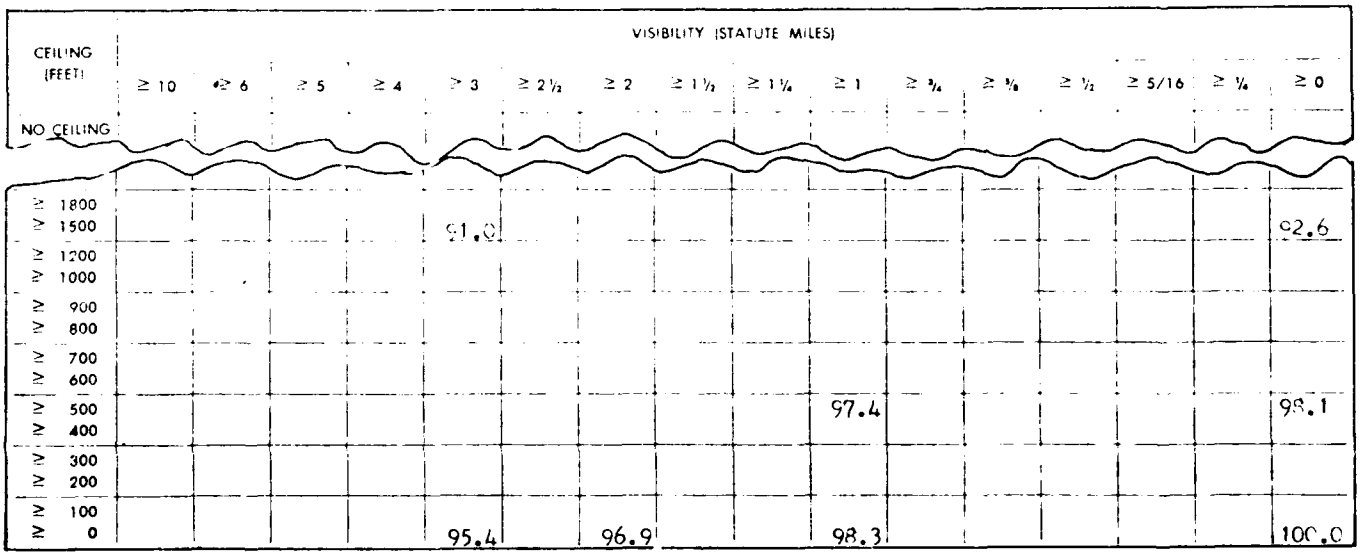
D

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



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

KAMPLE # 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.

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

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

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

L AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	BURLINGTON INTL VT	74-61	JAN

HOURS (L.S.T.): 000-2300

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥½	≥1	≥1½	≥2	≥2½	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10	≥11	≥12
NO CEILING	23.9	27.2	28.4	29.6	28.6	28.6	28.6	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 20000	29.9	31.6	31.7	32.0	32.0	32.0	32.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 18000	29.6	31.7	31.9	32.1	32.1	32.1	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 16000	29.6	31.7	31.9	32.1	32.1	32.1	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 14000	29.7	32.3	32.4	32.7	32.7	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 12000	29.8	33.3	33.5	33.7	33.7	33.7	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 10000	29.8	35.5	35.6	35.9	35.9	35.9	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 9000	30.0	35.9	36.0	36.3	36.3	36.3	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 8000	31.0	37.1	37.2	37.5	37.5	37.5	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.6	37.3	37.8
≥ 7000	32.6	39.7	39.8	40.1	40.1	40.1	40.1	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 6000	34.9	42.3	42.6	43.1	43.1	43.1	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 5000	37.4	46.6	47.3	47.8	48.3	48.3	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 4500	39.9	51.1	51.7	52.4	53.0	53.0	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 4000	42.3	55.9	56.7	57.7	58.2	58.2	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3500	46.1	62.1	63.1	64.7	65.2	65.2	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 3000	49.5	69.6	71.5	73.5	74.3	74.6	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500	51.1	73.3	75.7	78.4	79.4	79.7	79.7	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2000	52.2	75.8	79.2	82.5	84.3	84.7	84.7	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	52.3	76.2	79.6	83.3	85.1	85.5	85.5	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500	52.7	78.1	81.9	86.3	88.7	89.2	89.4	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	52.7	78.4	82.3	87.0	89.5	90.2	90.6	91.5	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	52.7	78.6	82.8	87.5	90.1	90.7	91.1	92.1	92.1	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	52.7	78.6	82.9	87.6	90.3	91.0	91.4	92.6	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	52.7	78.6	82.9	87.9	90.9	91.7	92.1	93.4	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	52.7	78.6	83.1	88.0	91.0	91.8	92.3	94.0	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	52.7	78.8	83.2	88.2	91.1	91.9	92.5	94.1	94.1	94.9	94.9	94.9	95.2	95.2	95.2	95.2
≥ 500	52.7	79.3	83.9	89.0	91.9	92.7	93.4	95.8	95.8	97.0	97.0	97.0	97.3	97.3	97.3	97.3
≥ 400	52.7	79.3	83.9	89.0	92.2	93.0	93.7	96.1	96.1	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 300	52.7	79.4	84.0	89.1	92.3	93.1	93.8	96.4	96.4	97.8	98.0	98.0	98.4	98.4	98.5	98.5
≥ 200	52.7	79.4	84.0	89.1	92.3	93.1	94.0	96.6	96.6	98.3	98.4	98.4	98.8	98.8	98.9	98.9
≥ 100	52.7	79.4	84.0	89.1	92.3	93.1	94.1	96.8	96.8	98.7	98.8	98.8	99.2	99.2	99.6	99.6
≥ 0	52.7	79.4	84.0	89.1	92.3	93.1	94.1	96.8	96.8	98.7	98.8	98.8	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A ...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
... 42	...LINGTON INTL VT	74-81	JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) ...300-2500

CEILING (FEET)	VISBLTY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	23.1	27.1	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 20000	25.6	29.9	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 18000	25.6	29.9	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 16000	25.6	30.0	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 14000	25.7	30.6	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 12000	26.6	31.6	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 10000	26.0	33.8	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 9000	28.7	33.8	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 8000	29.2	35.8	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 7000	31.2	38.5	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	39.2
≥ 6000	32.9	40.9	41.5	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 5000	35.3	45.4	46.7	47.1	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 4500	37.4	49.8	51.3	51.7	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 4000	39.1	52.8	54.9	55.0	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 3500	42.9	58.5	60.3	61.9	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 3000	46.2	68.0	70.8	73.1	74.0	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2500	48.7	72.1	75.8	78.3	79.4	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2000	49.3	73.6	77.5	81.0	82.2	82.6	83.1	83.3	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 800	49.3	73.6	77.7	81.2	82.6	83.1	83.6	83.8	83.8	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	49.5	75.1	79.7	83.6	85.7	86.3	87.2	87.5	87.5	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	49.5	75.5	80.1	84.5	86.8	87.5	88.8	89.1	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	49.5	75.5	80.2	84.7	86.9	88.0	89.5	89.8	89.8	90.4	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	49.5	75.6	80.3	84.8	87.5	88.6	90.0	90.4	90.4	91.1	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	49.5	75.9	80.6	85.1	87.8	88.8	90.6	91.1	91.1	91.8	92.3	92.3	92.5	92.5	92.5	92.5
≥ 700	49.5	76.2	80.9	85.6	88.3	89.4	91.1	92.2	92.2	93.1	93.7	93.7	93.8	93.8	93.8	93.8
≥ 600	49.5	76.2	80.9	85.6	88.3	89.4	91.1	92.3	92.3	93.9	94.5	94.5	94.6	94.6	94.6	94.6
≥ 500	49.5	76.3	81.0	85.7	88.6	89.6	91.8	93.1	93.1	95.6	96.2	96.2	96.4	96.4	96.4	96.4
≥ 400	49.5	76.4	81.4	86.1	89.1	90.2	92.3	93.7	93.7	96.1	96.8	96.8	96.9	96.9	96.9	96.9
≥ 300	49.5	76.4	81.4	86.1	89.1	90.4	92.7	94.5	94.5	97.0	97.8	97.8	98.4	98.4	98.4	98.4
≥ 200	49.5	76.4	81.4	86.1	89.1	90.4	92.7	94.5	94.5	97.3	98.1	98.1	98.8	98.8	98.9	98.9
≥ 100	49.5	76.4	81.4	86.1	89.1	90.4	92.7	94.6	94.6	98.0	98.8	98.8	99.5	99.5	99.7	99.7
≥ 0	49.5	76.4	81.4	86.1	89.1	90.4	92.7	94.6	94.6	98.0	98.8	98.8	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 743

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

...AL CLIMATOLOGY BRANCH
...ETAC
A ...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 42 | ...RLINGTON INTL VT | 74-81 | JAN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.3	26.9	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
≥ 20000	28.9	30.8	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 18000	29.9	30.8	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 16000	29.3	30.9	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 14000	29.3	31.2	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 12000	30.9	32.5	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 10000	32.7	35.1	35.5	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 9000	33.3	35.8	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 8000	34.1	37.8	38.2	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 7000	37.6	42.2	42.7	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 6000	38.4	43.4	44.2	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 5000	41.0	47.4	48.4	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 4500	43.0	51.3	52.7	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4000	45.9	55.1	57.1	57.9	58.2	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3500	49.1	61.2	63.4	64.7	65.3	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3000	53.8	68.8	71.8	73.5	74.3	75.0	75.4	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2500	56.2	73.8	77.2	79.0	79.8	80.5	81.0	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2000	56.6	75.5	78.5	81.6	82.7	83.3	84.1	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800	56.6	75.1	78.8	81.9	82.9	83.8	84.4	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	56.6	75.7	79.8	83.6	85.2	86.4	87.5	87.6	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	56.6	75.7	80.0	84.1	86.3	87.8	89.1	89.5	89.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1000	56.6	76.1	80.5	84.8	87.0	88.6	90.5	91.1	91.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	56.6	76.1	80.5	84.8	87.0	88.6	90.6	91.3	91.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 800	56.6	76.1	80.6	84.9	87.2	88.8	91.1	91.8	91.8	93.4	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	56.6	76.1	80.6	84.9	87.4	89.1	91.4	92.1	92.1	93.8	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	56.6	76.3	80.9	85.2	87.6	89.4	91.9	92.7	92.7	95.0	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500	56.6	76.3	81.3	85.6	88.0	89.8	92.3	93.3	93.3	95.6	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	56.6	76.3	81.3	85.8	88.2	89.9	92.5	93.5	93.5	96.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	56.6	76.3	81.3	85.8	88.4	90.2	93.0	94.2	94.2	96.9	98.0	98.0	98.4	98.4	98.4	98.4
≥ 200	56.6	76.3	81.3	85.9	88.6	90.3	93.3	94.8	94.8	97.7	98.9	98.9	99.3	99.3	99.3	99.3
≥ 100	56.6	76.3	81.3	85.9	88.6	90.3	93.4	94.9	94.9	98.0	99.2	99.2	99.6	99.6	99.6	99.6
≥ 0	56.6	76.3	81.3	85.9	88.6	90.3	93.4	94.9	94.9	98.0	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	29.1	30.1	30.9	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 20000	35.1	36.6	37.5	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 18000	35.2	36.6	37.5	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 16000	35.5	37.0	37.9	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 14000	36.3	37.6	38.6	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 12000	37.4	39.1	40.1	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 10000	39.1	41.0	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 9000	39.9	41.9	42.9	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 8000	42.7	45.0	46.0	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 7000	45.3	48.4	49.5	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 6000	46.4	49.7	50.8	51.5	51.6	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 5000	47.9	51.5	52.6	53.2	53.5	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4500	49.7	54.6	55.6	56.3	56.6	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4000	51.7	57.8	59.4	60.3	60.6	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3500	55.6	63.2	65.1	66.4	66.9	67.5	67.9	68.1	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	59.9	70.2	72.2	73.9	75.5	76.1	76.6	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2500	61.8	73.5	75.7	77.4	79.3	80.1	81.0	81.5	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2000	62.9	75.0	77.7	79.6	82.0	82.9	84.1	84.7	84.7	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	62.9	75.4	78.1	80.0	82.4	83.5	84.7	85.2	85.2	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1500	63.0	75.8	78.5	80.8	83.5	84.7	86.2	87.4	87.4	88.0	88.2	88.2	88.2	88.2	88.2	88.3
≥ 1200	63.1	76.2	79.0	81.3	84.1	85.3	87.1	88.4	88.4	89.7	89.8	89.8	90.2	90.2	90.2	90.3
≥ 1000	63.3	76.7	79.6	82.0	84.8	86.2	88.0	89.8	89.8	91.4	91.5	91.5	92.1	92.1	92.1	92.2
≥ 900	63.3	76.9	79.7	82.1	85.1	86.4	88.4	90.2	90.2	92.1	92.2	92.2	92.7	92.7	92.7	92.9
≥ 800	63.4	77.0	79.8	82.3	85.2	86.6	88.6	90.3	90.3	92.5	92.6	92.7	93.4	93.4	93.4	93.5
≥ 700	63.4	77.3	80.1	82.7	85.8	87.1	89.2	91.1	91.1	93.3	93.4	93.5	94.2	94.2	94.2	94.4
≥ 600	63.6	77.2	80.2	82.8	86.0	87.5	89.8	91.7	91.7	94.0	94.1	94.2	94.9	94.9	94.9	95.0
≥ 500	63.6	77.2	80.2	82.9	86.2	87.6	89.9	91.9	91.9	94.6	94.8	94.9	96.3	96.0	96.0	96.1
≥ 400	63.6	77.2	80.2	82.9	86.3	87.8	90.2	92.2	92.2	94.9	95.8	96.3	97.4	97.4	97.6	97.7
≥ 300	63.6	77.2	80.2	83.1	86.4	88.0	90.7	92.7	92.7	95.4	96.8	96.9	98.7	98.8	98.9	99.1
≥ 200	63.6	77.2	80.2	83.1	86.4	88.0	90.7	92.7	92.7	95.4	96.9	97.0	98.9	99.1	99.5	99.6
≥ 100	63.6	77.2	80.2	83.1	86.4	88.0	90.7	92.7	92.7	95.4	97.0	97.2	99.1	99.2	99.9	100.0
≥ 0	63.6	77.2	80.2	83.1	86.4	88.0	90.7	92.7	92.7	95.4	97.0	97.2	99.1	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.
≥ 20000	38.7	39.8	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 18000	38.7	39.8	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 16000	38.7	39.8	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 14000	39.3	40.5	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 12000	41.1	42.6	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 10000	43.3	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 9000	44.2	46.6	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 8000	46.2	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 7000	48.0	51.9	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 6000	48.5	52.4	52.8	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 5000	51.2	55.6	56.2	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4500	53.8	58.2	58.9	59.0	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 4000	56.9	62.0	63.0	63.2	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 3500	61.3	67.3	68.4	69.0	69.4	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	64.7	71.9	73.0	73.5	74.5	74.7	75.0	75.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2500	66.5	75.3	76.3	77.3	78.5	78.9	79.4	80.0	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2000	67.6	77.7	78.9	80.0	81.3	82.0	83.1	84.0	84.0	84.4	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	68.0	78.1	79.3	80.5	82.0	82.7	83.7	84.7	84.7	85.1	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1500	68.3	78.8	80.0	81.7	83.2	84.0	85.6	86.6	86.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	68.3	79.2	80.4	82.1	83.6	84.4	86.3	87.2	87.2	88.3	88.8	88.8	89.0	89.0	89.0	89.0
≥ 1000	68.5	79.4	80.9	82.7	84.1	84.9	87.4	88.7	88.7	91.5	92.6	92.6	92.7	92.7	92.7	92.7
≥ 900	68.7	79.6	81.2	82.9	84.5	85.3	87.8	89.1	89.1	92.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 800	68.7	79.6	81.2	82.9	84.5	85.3	87.9	89.4	89.4	92.5	93.5	93.5	94.0	94.0	94.0	94.0
≥ 700	68.7	79.7	81.5	83.3	84.9	85.8	88.3	89.9	89.9	93.0	94.1	94.1	94.5	94.5	94.5	94.5
≥ 600	68.7	79.8	81.6	83.5	85.1	85.9	88.4	90.1	90.1	93.4	94.6	94.6	95.0	95.0	95.0	95.0
≥ 500	68.7	79.8	81.6	83.5	85.1	85.9	88.4	90.5	90.5	94.4	95.7	95.7	96.4	96.4	96.4	96.4
≥ 400	68.7	79.8	81.6	83.6	85.2	86.3	88.8	90.9	90.9	95.0	96.5	96.5	97.7	97.7	97.7	97.7
≥ 300	68.7	79.8	81.6	83.6	85.5	86.8	89.4	91.7	91.7	96.0	97.7	97.7	99.1	99.1	99.3	99.3
≥ 200	68.7	79.8	81.6	83.6	85.5	86.8	89.4	91.7	91.7	96.0	97.8	97.8	99.3	99.3	99.7	99.7
≥ 100	68.7	79.8	81.6	83.6	85.5	86.8	89.4	91.7	91.7	96.0	97.8	97.8	99.5	99.5	99.9	100.0
≥ 0	68.7	79.8	81.6	83.6	85.5	86.8	89.4	91.7	91.7	96.0	97.8	97.8	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | JAN
STATION | STATION NAME | YEARS | MONTH

1500-1700
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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.3	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 20000	37.4	38.4	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 18000	37.4	38.4	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 16000	37.4	38.4	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 14000	37.8	38.8	38.9	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
≥ 12000	39.6	40.6	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 10000	41.2	43.2	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 9000	41.9	43.9	44.1	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 8000	44.1	46.7	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
≥ 7000	45.8	49.1	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 6000	47.0	50.7	51.4	51.4	51.5	51.7	51.7	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 5000	50.3	55.5	56.1	56.1	56.3	56.4	56.4	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 4500	54.1	59.5	60.3	60.3	60.4	60.6	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 4000	57.5	63.8	64.6	64.9	65.1	65.3	65.4	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 3500	61.8	69.9	70.7	71.1	71.6	71.7	72.1	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3000	64.2	73.9	74.8	75.6	76.6	76.9	77.7	78.2	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	65.9	76.3	77.4	78.5	79.4	79.7	81.0	81.6	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2000	67.0	78.1	79.5	81.0	82.6	82.9	84.7	85.7	85.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800	67.7	79.4	81.0	82.6	84.5	84.8	86.7	87.8	87.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500	69.0	80.3	82.0	83.6	85.5	86.0	88.0	89.1	89.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	68.2	80.9	82.5	84.1	86.0	86.5	88.7	89.8	89.8	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	68.2	80.9	82.5	84.1	86.1	86.7	89.1	90.2	90.2	92.9	93.1	93.1	93.4	93.4	93.4	93.4
≥ 900	68.2	80.9	82.5	84.1	86.1	86.7	89.1	90.2	90.2	92.9	93.1	93.1	93.4	93.4	93.4	93.4
≥ 800	68.4	81.0	82.6	84.3	86.3	86.8	89.2	90.3	90.3	93.0	93.4	93.4	93.7	93.7	93.7	93.7
≥ 700	68.4	81.2	82.8	84.4	86.4	86.9	89.4	90.4	90.4	93.1	93.5	93.5	93.8	93.8	93.8	93.8
≥ 600	68.4	81.2	82.8	84.4	86.4	86.9	89.4	90.4	90.4	93.1	93.5	93.5	94.1	94.1	94.1	94.1
≥ 500	68.4	81.2	82.8	84.4	86.4	86.9	89.6	91.5	91.5	94.6	95.4	95.4	96.5	96.5	96.5	96.5
≥ 400	68.4	81.2	82.8	84.4	86.4	86.9	89.9	91.9	91.9	95.2	96.2	96.2	98.4	98.4	98.4	98.4
≥ 300	68.4	81.2	82.8	84.4	86.4	86.9	89.9	92.1	92.1	95.4	97.2	97.2	99.7	99.7	99.9	99.9
≥ 200	68.4	81.2	82.8	84.4	86.4	86.9	89.9	92.1	92.1	95.6	97.3	97.3	99.9	99.9	100.0	100.0
≥ 100	68.4	81.2	82.8	84.4	86.4	86.9	89.9	92.1	92.1	95.6	97.3	97.3	99.9	99.9	100.0	100.0
≥ 0	68.4	81.2	82.8	84.4	86.4	86.9	89.9	92.1	92.1	95.6	97.3	97.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
USAETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.6	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 20000	35.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 18000	35.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 16000	35.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 14000	36.0	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 12000	37.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 10000	38.7	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 9000	38.7	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 8000	41.5	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 7000	42.3	47.6	47.6	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 6000	44.1	49.6	49.7	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 5000	47.4	54.4	54.6	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 4500	50.4	58.6	58.9	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 4000	53.5	62.6	63.2	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3500	57.5	68.8	69.9	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3000	60.9	74.7	75.9	76.9	78.1	78.2	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2500	62.0	77.4	79.6	80.6	82.1	82.4	82.7	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	63.6	80.1	82.4	84.5	86.8	87.1	87.5	87.5	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	63.7	80.5	82.8	85.2	87.8	88.0	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	63.7	80.9	83.3	85.9	89.1	89.5	90.2	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	63.9	81.3	84.0	86.8	90.5	91.3	92.2	92.5	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	63.9	81.3	84.1	87.0	90.7	91.8	92.9	93.3	93.3	94.2	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	63.8	81.3	84.0	87.0	90.9	92.1	93.1	93.5	93.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	63.8	81.3	84.1	87.0	90.9	92.1	93.1	94.0	94.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	64.1	81.6	84.4	87.4	91.3	92.5	93.5	94.4	94.4	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	64.0	81.6	84.5	87.5	91.4	92.6	93.7	94.6	94.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	64.0	81.6	84.7	87.6	91.8	93.0	94.1	95.0	95.0	96.9	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	64.0	81.6	84.8	87.8	91.9	93.1	94.2	95.3	95.3	97.3	97.7	97.7	97.8	97.8	97.8	97.8
≥ 300	64.0	81.6	84.8	87.8	91.9	93.1	94.2	95.7	95.7	97.8	98.9	98.9	99.1	99.1	99.1	99.1
≥ 200	64.1	81.6	84.8	87.8	91.9	93.1	94.2	95.7	95.7	98.0	99.1	99.1	99.2	99.2	99.6	99.6
≥ 100	64.1	81.6	84.8	87.8	91.9	93.1	94.2	95.7	95.7	98.1	99.2	99.2	99.5	99.5	99.9	99.9
≥ 0	64.1	81.6	84.8	87.8	91.9	93.1	94.2	95.7	95.7	98.1	99.2	99.2	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

...L NAL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | JAN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.6	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 20000	28.9	33.2	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 18000	29.2	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 16000	29.3	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 14000	29.4	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 12000	30.4	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 10000	33.1	38.0	38.3	38.3	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 9000	33.6	38.6	38.8	38.8	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 8000	35.2	40.3	40.6	40.6	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 7000	37.6	43.5	43.8	43.8	44.2	44.5	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 6000	39.7	46.4	46.6	46.6	47.0	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 5000	42.6	50.7	50.9	50.9	51.3	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 4500	46.4	55.4	55.8	55.9	56.3	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 4000	50.1	60.1	60.8	60.9	61.4	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 3500	56.6	69.2	70.0	70.3	70.8	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000	59.8	75.8	76.7	77.3	78.2	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500	60.9	78.5	80.0	80.9	82.1	82.5	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	61.8	80.9	82.7	83.6	85.5	86.2	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	62.1	82.0	83.7	84.8	87.0	87.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	62.1	82.4	84.4	85.9	88.2	89.0	90.6	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	62.1	82.4	84.5	86.4	88.8	89.7	91.7	91.9	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 1000	62.1	82.4	84.5	86.4	89.1	89.9	91.9	92.5	92.5	92.7	92.7	92.7	92.9	92.9	92.9	92.9
≥ 900	62.1	82.4	84.5	86.4	89.4	90.3	92.3	93.0	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 800	62.1	82.5	84.7	86.7	89.9	91.0	93.0	93.8	93.8	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 700	62.2	82.7	84.8	86.8	90.1	91.1	93.1	94.0	94.0	94.6	94.6	94.6	94.9	94.9	94.9	94.9
≥ 600	62.2	82.8	84.9	87.0	90.2	91.3	93.3	94.2	94.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4
≥ 500	62.2	82.9	85.2	87.2	90.5	91.5	93.5	95.2	95.2	97.3	97.4	97.4	97.7	97.8	97.8	97.8
≥ 400	62.2	82.9	85.2	87.2	90.6	91.7	93.7	95.3	95.3	97.4	97.7	97.7	98.0	98.1	98.1	98.1
≥ 300	62.2	82.9	85.2	87.2	90.9	91.9	94.2	96.2	96.2	98.4	98.9	98.9	99.3	99.5	99.5	99.5
≥ 200	62.2	82.9	85.2	87.2	90.9	92.1	94.4	96.4	96.4	98.5	99.1	99.1	99.6	99.7	99.7	99.7
≥ 100	62.2	82.9	85.2	87.2	90.9	92.1	94.4	96.4	96.4	98.7	99.2	99.2	99.7	99.9	99.9	99.9
≥ 0	62.2	82.9	85.2	87.2	90.9	92.1	94.4	96.4	96.4	98.7	99.2	99.2	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14 42 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
JAN — MONTH
ALL — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	27.5	29.7	30.0	30.1	30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 20000	32.0	34.7	35.0	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 18000	32.1	34.8	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 6000	32.2	34.9	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 14000	32.4	35.4	35.7	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 12000	33.3	36.9	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 10000	35.7	39.3	39.6	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 9000	36.2	39.9	40.2	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 8000	39.1	42.2	42.6	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
≥ 7000	40.2	45.1	45.5	45.8	45.9	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 6000	41.5	46.9	47.5	47.7	47.9	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 5000	44.2	50.9	51.6	51.9	52.2	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4500	46.9	54.8	55.6	56.1	56.4	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 4000	49.7	58.8	59.9	60.4	60.8	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3500	53.9	65.0	66.4	67.3	67.9	68.1	68.3	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 3000	57.3	71.6	73.3	74.7	75.7	76.0	76.4	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2500	59.1	75.0	77.2	78.8	80.0	80.5	81.0	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2000	60.1	77.0	79.5	81.7	83.4	84.0	84.8	85.3	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	60.3	77.5	80.1	82.4	84.3	84.8	85.7	86.2	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500	60.5	78.4	81.2	83.9	86.1	86.9	88.1	88.7	88.7	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	60.5	78.7	81.6	84.6	87.0	87.8	89.3	90.0	90.0	90.8	91.0	91.0	91.0	91.0	91.0	91.1
≥ 1000	60.6	78.9	81.9	84.9	87.4	88.4	90.1	90.9	90.9	92.3	92.5	92.5	92.7	92.7	92.7	92.7
≥ 900	60.6	78.9	82.0	85.0	87.6	88.6	90.4	91.3	91.3	92.7	93.0	93.0	93.1	93.1	93.1	93.1
≥ 800	60.7	79.0	82.1	85.1	87.8	88.9	90.7	91.8	91.8	93.3	93.7	93.7	93.9	93.9	93.9	93.9
≥ 700	60.7	79.1	82.3	85.4	88.1	89.2	91.1	92.3	92.3	94.0	94.3	94.3	94.5	94.5	94.5	94.5
≥ 600	60.7	79.2	82.4	85.5	88.3	89.4	91.3	92.5	92.5	94.5	94.8	94.9	95.1	95.1	95.1	95.2
≥ 500	60.7	79.3	82.6	85.7	88.6	89.6	91.6	93.3	93.3	95.7	96.3	96.3	96.7	96.7	96.7	96.8
≥ 400	60.7	79.3	82.7	85.8	88.7	89.9	91.9	93.6	93.6	96.2	96.9	96.9	97.6	97.7	97.7	97.7
≥ 300	60.7	79.4	82.7	85.9	88.9	90.1	92.3	94.2	94.2	96.9	97.9	97.9	98.9	98.9	99.0	99.0
≥ 200	60.7	79.4	82.7	85.9	88.9	90.1	92.3	94.3	94.3	97.1	98.2	98.2	99.2	99.3	99.5	99.5
≥ 100	60.7	79.4	82.7	85.9	88.9	90.1	92.4	94.4	94.4	97.3	98.4	98.4	99.5	99.5	99.8	99.8
≥ 0	60.7	79.4	82.7	85.9	88.9	90.1	92.4	94.4	94.4	97.3	98.5	98.5	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5950

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

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-42 | BURLINGTON INTL VT | 74-81 | FEB

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	33.2	38.1	38.5	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 20000	37.6	42.9	43.4	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 18000	37.6	42.9	43.4	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 16000	37.6	42.9	43.4	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 14000	37.6	42.9	43.4	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 12000	38.9	44.2	44.7	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 10000	40.4	46.2	46.6	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 9000	40.6	46.8	47.2	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 8000	41.4	49.0	49.4	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 7000	43.5	52.4	52.9	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 6000	46.2	56.0	56.8	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	50.0	61.5	62.2	62.7	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 4500	51.7	63.9	64.6	65.3	65.6	65.6	65.6	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4000	52.7	68.0	68.9	69.8	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3500	54.7	71.8	72.7	73.7	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.5
≥ 3000	57.4	78.0	79.1	80.7	81.3	81.3	81.6	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9	81.9
≥ 2500	58.6	81.3	82.6	84.2	85.0	85.0	85.4	85.4	85.4	85.5	85.5	85.5	85.7	85.7	85.7	85.7
≥ 2000	59.9	83.5	85.3	87.2	88.1	88.2	88.9	88.9	88.9	89.1	89.2	89.2	89.4	89.4	89.4	89.4
≥ 1800	59.9	83.5	85.3	87.2	88.1	88.2	88.9	88.9	88.9	89.1	89.2	89.2	89.4	89.4	89.4	89.4
≥ 1500	59.9	83.8	85.7	88.3	89.8	90.0	90.7	91.2	91.2	91.3	91.4	91.4	91.6	91.6	91.6	91.6
≥ 1200	60.2	84.4	86.3	89.2	90.7	91.0	92.0	93.1	93.1	93.2	93.4	93.4	93.5	93.5	93.5	93.5
≥ 1000	60.2	84.4	86.3	89.2	90.9	91.4	92.9	94.1	94.1	94.4	94.5	94.5	94.7	94.7	94.7	94.7
≥ 900	60.2	84.4	86.3	89.2	90.9	91.4	92.9	94.1	94.1	94.4	94.5	94.5	94.7	94.7	94.7	94.7
≥ 800	60.2	84.7	86.6	89.7	91.3	92.0	93.5	94.7	94.7	95.0	95.1	95.1	95.4	95.4	95.4	95.4
≥ 700	60.2	84.7	86.6	90.1	91.7	92.5	94.1	95.3	95.3	95.9	96.0	96.0	96.3	96.3	96.3	96.3
≥ 600	60.2	84.7	86.6	90.3	91.9	92.6	94.2	95.7	95.7	96.5	96.6	96.6	96.9	96.9	96.9	96.9
≥ 500	60.2	84.7	86.6	90.3	91.9	92.6	94.4	95.9	95.9	96.6	97.2	97.2	97.5	97.5	97.5	97.5
≥ 400	60.2	84.7	86.6	90.3	92.3	93.1	94.8	96.3	96.3	97.2	97.8	97.8	98.4	98.4	98.4	98.4
≥ 300	60.2	84.7	86.6	90.7	92.8	93.7	95.4	96.9	96.9	98.1	98.7	98.7	99.4	99.4	99.4	99.4
≥ 200	60.2	84.7	86.6	90.7	92.8	93.7	95.4	96.9	96.9	98.1	98.7	98.7	99.4	99.4	99.4	99.4
≥ 100	60.2	84.7	86.6	90.7	92.8	93.7	95.4	96.9	96.9	98.1	98.7	98.7	99.4	99.4	99.4	99.4
≥ 0	60.2	84.7	86.6	90.7	92.8	93.7	95.4	96.9	96.9	98.1	98.7	98.7	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 67

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.4	37.0	37.1	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000	33.3	40.6	40.6	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 18000	33.3	40.6	40.6	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 16000	33.3	40.6	40.6	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 14000	33.5	40.7	40.7	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 12000	34.7	42.0	42.0	42.5	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 10000	35.7	43.2	43.2	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 9000	36.7	44.2	44.2	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 8000	38.8	47.9	48.1	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 7000	41.4	51.8	52.2	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 6000	43.4	54.0	54.4	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
≥ 5000	46.5	59.7	60.2	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 4500	47.8	62.2	62.7	63.6	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4000	49.6	65.3	65.5	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3500	51.6	69.8	70.4	71.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 3000	54.3	76.1	77.0	78.5	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	55.9	80.1	81.3	82.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	57.4	83.0	84.8	87.3	88.3	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	57.7	83.6	85.4	87.9	88.9	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	57.8	83.9	85.7	88.6	90.1	90.1	90.3	90.6	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	58.0	84.4	86.1	89.4	90.9	91.0	91.2	91.4	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	58.2	84.4	86.4	90.0	91.7	92.0	92.6	93.4	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	58.1	84.4	86.4	90.0	91.7	92.0	92.9	93.7	93.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	58.2	84.4	86.4	90.0	91.7	92.0	92.9	93.7	93.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	58.0	84.4	86.4	90.1	91.9	92.2	93.4	94.1	94.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	58.0	84.4	86.4	90.4	92.2	92.5	93.7	94.5	94.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	58.0	84.4	86.4	90.4	92.2	92.5	93.8	94.7	94.7	97.1	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	58.0	84.4	86.4	90.4	92.3	92.6	94.0	94.8	94.8	97.3	98.1	98.1	98.2	98.2	98.2	98.2
≥ 300	58.0	84.4	86.4	90.9	92.9	93.2	94.5	95.4	95.4	98.4	99.1	99.1	99.4	99.4	99.4	99.4
≥ 200	58.0	84.4	86.4	90.9	92.9	93.2	94.5	95.4	95.4	98.4	99.1	99.1	99.4	99.4	99.4	99.4
≥ 100	58.1	84.4	86.4	90.9	92.9	93.2	94.5	95.4	95.4	98.4	99.1	99.1	99.4	99.4	99.6	99.6
≥ 0	58.1	84.4	86.4	90.9	92.9	93.2	94.5	95.4	95.4	98.4	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 678

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-742	BURLINGTON INTL VT	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	30.4	34.2	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 20000	36.6	41.3	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000	36.3	41.6	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 6000	36.3	41.6	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 14000	37.3	42.3	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 12000	38.3	43.7	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 10000	38.9	44.5	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 9000	40.4	46.0	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 8000	43.2	49.6	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 7000	46.3	53.1	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 6000	49.1	55.9	56.0	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 5000	53.1	61.8	62.1	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4500	55.5	64.2	64.5	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4000	59.3	69.0	69.3	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 3500	61.4	73.2	73.5	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	63.4	76.5	77.1	78.2	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	64.7	79.9	80.7	81.9	82.3	82.4	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	66.1	82.2	83.5	84.8	85.5	85.7	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	66.4	82.7	84.1	85.4	86.1	86.3	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	66.8	84.1	85.5	87.5	88.6	88.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	66.8	84.2	85.7	87.8	88.9	89.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	66.8	84.2	85.8	88.1	89.2	89.7	91.0	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	66.9	84.2	85.8	88.1	89.2	89.7	91.0	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	66.8	84.4	86.1	88.5	89.7	90.3	91.9	92.0	92.0	92.5	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700	66.8	84.5	86.3	88.8	90.1	90.7	92.6	92.8	92.8	93.2	93.5	93.5	93.5	93.5	93.5	93.5
≥ 600	66.8	84.5	86.4	89.2	90.6	91.2	93.1	93.2	93.2	94.0	94.4	94.4	94.4	94.4	94.4	94.4
≥ 500	66.9	84.7	86.6	89.5	90.9	91.6	94.0	94.1	94.1	95.1	95.9	95.9	96.0	96.0	96.0	96.0
≥ 400	66.8	84.8	86.7	89.7	91.0	91.9	94.4	94.5	94.5	95.9	97.1	97.1	97.3	97.3	97.3	97.3
≥ 300	66.8	84.8	86.7	89.7	91.3	92.2	94.7	94.8	94.8	96.6	97.8	97.8	98.1	98.1	98.1	98.1
≥ 200	66.8	84.8	86.7	89.7	91.3	92.2	94.8	95.0	95.0	96.8	97.9	97.9	98.7	98.7	98.8	98.8
≥ 100	66.8	84.8	86.7	89.7	91.3	92.2	94.8	95.0	95.0	96.8	98.1	98.1	98.8	99.0	99.1	99.1
≥ 0	66.8	84.8	86.7	89.7	91.3	92.2	94.8	95.0	95.0	96.8	98.2	98.2	99.0	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 679

...L CLIMATOLOGY BRANCH
...ETAC
A... EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | FEB
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥5/16	≥ ¼	≥0
NO CEILING	33.3	35.3	35.3	35.4	35.8	36.1	36.1	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 20000	40.3	43.1	43.1	43.2	43.7	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 18000	41.3	43.5	43.5	43.7	44.1	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 16000	41.7	44.3	44.3	44.1	44.5	44.8	44.8	44.8	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 14000	42.2	44.4	44.4	44.5	45.0	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 12000	43.7	46.0	46.3	46.2	46.6	46.9	46.9	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 10000	45.9	48.7	48.8	49.0	49.4	49.7	49.7	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 9000	46.9	49.7	49.9	50.0	50.4	50.7	50.7	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 8000	49.7	53.2	53.4	53.5	54.1	54.6	54.7	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 7000	50.4	54.6	54.7	54.9	55.5	55.9	56.2	56.3	56.3	56.8	56.6	56.8	56.8	56.8	56.8	56.8
≥ 6000	53.1	57.2	57.7	57.8	58.4	58.8	59.1	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 5000	55.2	61.4	61.8	61.9	62.5	63.0	63.3	63.4	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4500	57.7	64.5	65.0	65.2	65.8	66.2	66.5	66.7	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	59.9	67.7	68.3	68.4	69.2	69.6	69.9	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 3500	63.1	72.1	73.1	73.5	74.2	74.8	75.2	75.4	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	64.3	75.8	77.1	78.0	78.9	79.5	79.9	80.1	80.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	66.2	78.9	80.8	82.3	83.3	83.9	84.7	84.8	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000	66.8	80.5	82.9	84.7	86.0	86.6	87.5	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	67.2	80.8	83.3	85.1	86.4	87.0	87.9	88.1	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	67.3	81.1	83.8	86.0	87.3	87.9	88.8	89.2	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	67.6	81.6	84.5	86.7	88.1	88.8	89.8	90.6	90.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	67.6	81.6	84.5	86.9	88.2	88.9	90.1	91.2	91.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	67.6	81.6	84.5	86.9	88.2	88.9	90.1	91.2	91.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	67.7	81.9	84.8	87.2	88.6	89.4	90.7	92.0	92.0	94.1	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	67.7	82.0	85.1	87.5	88.9	89.7	91.2	92.5	92.5	94.5	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	67.7	82.0	85.1	87.5	89.1	89.8	91.3	92.9	92.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	67.7	82.0	85.1	87.5	89.1	89.8	91.4	93.4	93.4	95.9	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	67.7	82.0	85.1	87.5	89.1	89.8	91.6	93.5	93.5	96.2	96.9	96.9	97.2	97.2	97.2	97.2
≥ 300	67.7	82.0	85.1	87.5	89.1	89.8	91.9	94.0	94.0	96.6	97.6	97.6	98.1	98.1	98.1	98.1
≥ 200	67.7	82.0	85.1	87.5	89.1	89.8	92.0	94.1	94.1	96.8	98.1	98.1	98.7	98.7	98.8	98.8
≥ 100	67.7	82.0	85.1	87.5	89.1	89.8	92.0	94.1	94.1	96.8	98.2	98.2	99.1	99.1	99.4	99.4
≥ 0	67.7	82.0	85.1	87.5	89.1	89.8	92.0	94.1	94.1	96.8	98.2	98.2	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 678

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

L...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...40	BURLINGTON INTL VT	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	44.1	46.0	46.0	46.0	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 18000	44.2	46.2	46.2	46.2	46.2	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 6000	44.2	46.2	46.2	46.2	46.2	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	45.3	47.2	47.2	47.2	47.2	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 12000	47.3	49.3	49.3	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 10000	50.4	53.1	53.1	53.1	53.1	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 9000	51.3	54.0	54.0	54.0	54.0	54.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 8000	52.1	56.0	56.0	56.0	56.3	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 7000	55.3	59.1	59.1	59.1	59.4	59.4	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 6000	56.5	60.5	60.5	60.5	60.8	60.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 5000	59.3	63.3	63.3	63.3	63.6	63.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4500	61.9	66.8	66.8	66.8	67.1	67.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4000	64.6	70.5	70.5	70.6	70.9	70.9	72.0	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 3500	68.1	75.2	75.4	75.7	76.0	76.0	77.1	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3000	70.6	79.2	79.5	80.4	81.0	81.0	82.4	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	72.6	81.7	82.2	83.5	84.7	84.8	86.6	86.9	86.9	87.3	87.3	87.3	87.5	87.5	87.5	87.5
≥ 2000	73.5	83.0	83.9	85.3	86.7	87.0	89.4	89.7	89.7	90.1	90.1	90.1	90.3	90.3	90.3	90.3
≥ 1800	73.5	83.0	84.2	85.5	87.0	87.3	89.7	90.0	90.0	90.4	90.4	90.4	90.6	90.6	90.6	90.6
≥ 1500	74.0	83.8	85.0	86.3	87.9	88.2	90.7	91.2	91.2	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 1200	74.2	84.1	85.3	86.7	88.5	88.8	91.6	92.0	92.0	92.9	93.1	93.1	93.2	93.2	93.2	93.2
≥ 1000	74.3	84.5	85.7	87.3	89.1	89.4	92.3	93.1	93.1	94.5	94.7	94.7	94.8	94.8	94.8	94.8
≥ 900	74.3	84.5	85.7	87.3	89.1	89.4	92.3	93.2	93.2	94.7	94.8	94.8	95.0	95.0	95.0	95.0
≥ 800	74.5	84.8	86.0	87.6	89.4	89.7	92.6	93.5	93.5	95.1	96.0	96.0	96.2	96.2	96.2	96.2
≥ 700	74.5	85.1	86.4	88.1	89.8	90.1	93.2	94.2	94.2	95.9	96.8	96.8	97.2	97.2	97.2	97.2
≥ 600	74.5	85.1	86.4	88.2	90.3	90.6	93.8	94.8	94.8	96.5	97.3	97.3	97.8	97.8	97.8	97.8
≥ 500	74.5	85.1	86.6	88.3	90.6	90.9	94.1	95.3	95.3	96.9	97.9	97.9	98.4	98.4	98.4	98.4
≥ 400	74.5	85.1	86.6	88.3	90.6	90.9	94.1	95.3	95.3	96.9	97.9	97.9	98.4	98.4	98.5	98.5
≥ 300	74.5	85.1	86.6	88.3	90.6	90.9	94.1	95.3	95.3	96.9	98.1	98.2	99.0	99.0	99.1	99.1
≥ 200	74.5	85.1	86.6	88.3	90.6	90.9	94.1	95.3	95.3	97.1	98.5	98.7	99.6	99.6	99.9	99.9
≥ 100	74.5	85.1	86.6	88.3	90.6	90.9	94.1	95.3	95.3	97.1	98.5	98.7	99.7	99.7	100.0	100.0
≥ 0	74.5	85.1	86.6	88.3	90.6	90.9	94.1	95.3	95.3	97.1	98.5	98.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 67

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.3	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 20000	43.7	44.8	45.1	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 18000	43.7	44.8	45.1	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 16000	44.0	45.1	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
≥ 14000	45.1	46.5	46.6	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	46.2	47.5	47.6	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 10000	50.4	51.9	52.1	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 9000	51.6	53.2	53.4	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 8000	55.2	57.2	57.4	57.5	57.8	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	56.5	59.0	59.1	59.3	59.6	59.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 6000	58.6	61.1	61.2	61.4	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000	61.5	64.3	64.5	64.6	64.9	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4500	64.6	68.6	68.9	69.2	69.5	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	66.4	71.2	71.5	71.8	72.3	72.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3500	70.1	77.1	78.5	79.2	79.6	79.8	80.2	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5
≥ 3000	73.9	81.6	83.3	84.1	84.7	84.8	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1
≥ 2500	75.2	83.6	85.4	86.1	87.2	87.6	88.9	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2
≥ 2000	75.5	84.8	86.6	87.6	88.6	89.2	90.7	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4
≥ 1800	75.9	84.8	86.6	87.8	88.9	89.5	91.0	91.4	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7
≥ 1500	76.1	85.4	87.3	88.8	90.1	90.9	92.9	93.7	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2
≥ 1200	76.1	85.7	88.1	89.5	90.9	91.6	93.7	94.4	94.4	95.0	95.0	95.1	95.1	95.1	95.1	95.1
≥ 1000	76.3	86.6	88.9	90.6	91.9	92.6	95.0	95.9	95.9	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 900	76.3	86.6	88.9	90.6	91.9	92.6	95.0	95.9	95.9	96.5	96.6	96.8	96.8	96.8	96.8	96.8
≥ 800	76.3	86.7	89.1	90.7	92.0	92.8	95.1	96.0	96.0	96.9	97.2	97.3	97.3	97.3	97.3	97.3
≥ 700	76.3	86.7	89.1	90.7	92.0	92.8	95.1	96.0	96.0	96.9	97.3	97.5	97.5	97.5	97.5	97.5
≥ 600	76.3	86.7	89.1	90.9	92.3	93.1	95.7	96.6	96.6	97.5	97.9	98.1	98.1	98.1	98.1	98.1
≥ 500	76.3	86.7	89.1	91.0	92.5	93.2	95.9	96.8	96.8	97.6	98.4	98.5	98.7	98.7	98.7	98.7
≥ 400	76.3	86.7	89.1	91.0	92.5	93.4	96.2	97.1	97.1	97.9	98.8	99.0	99.3	99.3	99.3	99.3
≥ 300	76.3	86.7	89.1	91.0	92.5	93.4	96.2	97.1	97.1	97.9	99.0	99.1	99.4	99.4	99.4	99.4
≥ 200	76.3	86.7	89.1	91.0	92.5	93.4	96.2	97.1	97.1	97.9	99.1	99.3	100.0	100.0	100.0	100.0
≥ 100	76.3	86.7	89.1	91.0	92.5	93.4	96.2	97.1	97.1	97.9	99.1	99.3	100.0	100.0	100.0	100.0
≥ 0	76.3	86.7	89.1	91.0	92.5	93.4	96.2	97.1	97.1	97.9	99.1	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 678

USAF ETAC FORM JUL 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | FEB
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.6	39.2	39.7	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	41.7	44.8	45.3	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 18000	41.9	45.0	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 16000	42.1	45.1	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 14000	42.3	45.4	45.9	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 12000	44.4	47.5	47.9	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 10000	46.3	49.6	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000	47.1	50.7	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 8000	50.9	55.0	55.5	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 7000	53.1	57.8	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000	56.3	61.8	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 5000	59.1	65.3	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7
≥ 4500	61.2	68.7	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 4000	63.1	71.5	72.7	72.9	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9
≥ 3500	65.5	75.8	77.1	77.3	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1
≥ 3000	68.1	80.5	82.3	82.7	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.9
≥ 2500	69.8	82.4	84.4	84.8	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5
≥ 2000	69.9	83.9	86.1	86.6	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.7
≥ 1800	69.9	83.9	86.1	86.6	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.7
≥ 1500	70.1	85.5	88.1	88.8	91.4	91.7	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 1200	70.1	86.0	88.6	89.7	92.5	92.8	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 1000	70.1	86.1	88.8	90.0	92.9	93.2	94.4	94.7	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.1
≥ 900	70.1	86.1	88.8	90.0	92.9	93.2	94.4	94.7	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.1
≥ 800	70.1	86.1	88.8	90.0	92.9	93.2	94.4	94.8	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.7
≥ 700	70.1	86.1	88.8	90.0	92.9	93.2	94.4	95.0	95.0	95.6	95.7	95.7	95.7	95.7	95.7	95.9
≥ 600	70.1	86.1	88.8	90.0	93.1	93.4	94.5	95.1	95.1	96.0	96.2	96.2	96.2	96.2	96.2	96.3
≥ 500	70.1	86.1	88.8	90.1	93.2	93.5	94.7	95.6	95.6	96.8	97.1	97.1	97.1	97.1	97.1	97.2
≥ 400	70.1	86.1	88.8	90.1	93.2	93.8	95.0	96.0	96.0	97.2	97.5	97.5	97.9	97.9	97.9	98.1
≥ 300	70.1	86.1	88.8	90.1	93.2	93.8	95.0	96.0	96.1	97.5	97.9	97.9	98.5	98.5	98.5	98.8
≥ 200	70.1	86.1	88.8	90.1	93.2	93.8	95.0	96.3	96.3	97.8	98.4	98.4	99.1	99.1	99.1	99.4
≥ 100	70.1	86.1	88.8	90.1	93.2	93.8	95.0	96.3	96.3	97.8	98.4	98.4	99.1	99.3	99.4	99.9
≥ 0	70.2	86.3	88.9	90.3	93.4	94.0	95.1	96.5	96.5	97.9	98.5	98.5	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 675

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
FEB — MONTH
0100-2300 — 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.3	38.3	38.6	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
≥ 20000	40.4	44.1	44.4	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	40.4	44.1	44.4	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 16000	40.4	44.1	44.4	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 14000	41.1	44.7	45.0	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 12000	42.0	45.9	46.2	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 10000	42.6	46.8	47.1	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 9000	43.1	47.5	47.8	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 8000	44.2	49.3	49.6	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 7000	47.3	52.8	53.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 6000	49.3	56.0	56.3	57.4	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 5000	53.4	61.7	61.9	63.0	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	56.8	65.9	66.2	67.3	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4000	60.2	70.8	71.2	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3500	62.5	76.7	77.3	78.5	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3000	63.9	79.8	81.3	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	65.6	82.9	84.7	86.7	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	65.9	83.9	85.8	88.1	89.4	89.4	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	66.1	84.1	86.1	88.5	89.8	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.3
≥ 1500	66.2	84.4	86.7	89.5	91.0	91.0	91.6	92.1	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.3
≥ 1200	66.2	84.7	87.2	90.1	91.6	91.7	92.5	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.4
≥ 1000	66.2	84.7	87.3	90.3	91.7	91.9	92.9	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	94.0
≥ 900	66.2	84.7	87.3	90.3	91.7	91.9	93.2	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.2
≥ 800	66.2	84.7	87.3	90.7	92.2	92.3	93.7	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.7
≥ 700	66.2	84.8	87.9	91.0	92.5	92.6	94.1	94.7	94.7	95.1	95.4	95.4	95.4	95.4	95.4	95.6
≥ 600	66.2	84.8	87.5	91.2	92.6	92.8	94.2	94.8	94.8	95.4	95.7	95.7	95.7	95.7	95.7	95.9
≥ 500	66.2	85.0	87.8	91.6	93.1	93.4	95.1	95.9	95.9	96.5	97.1	97.1	97.1	97.1	97.1	97.2
≥ 400	66.2	85.0	87.8	91.7	93.4	93.8	95.7	96.5	96.5	97.1	97.6	97.6	98.1	98.1	98.1	98.2
≥ 300	66.2	85.0	87.8	91.7	93.4	93.8	95.9	96.8	96.8	97.5	98.1	98.1	98.8	98.8	98.9	99.1
≥ 200	66.2	85.0	87.8	91.7	93.4	93.8	95.9	96.9	96.9	97.8	98.4	98.4	99.1	99.1	99.1	99.4
≥ 100	66.2	85.0	87.8	91.7	93.4	93.8	95.9	96.9	96.9	97.8	98.4	98.4	99.4	99.4	99.4	99.7
≥ 0	66.2	85.0	87.8	91.7	93.4	93.8	95.9	96.9	96.9	97.8	98.4	98.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 678

GL[illegible]BAL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | FEB
STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.9	37.0	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000	39.8	43.5	43.6	43.9	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000	39.9	43.6	43.8	44.0	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 16000	40.0	43.7	43.9	44.1	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 14000	40.9	44.3	44.5	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 12000	41.3	45.8	45.9	46.2	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 10000	43.9	48.0	48.2	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
≥ 9000	44.7	49.0	49.2	49.5	49.7	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 8000	47.0	52.2	52.4	52.7	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 7000	49.3	55.1	55.4	55.7	56.0	56.0	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 6000	51.9	57.8	58.2	58.5	58.8	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 5000	54.9	62.4	62.8	63.2	63.5	63.6	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4500	57.1	65.6	66.1	66.5	66.9	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3
≥ 4000	59.5	69.2	69.7	70.2	70.7	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3500	62.1	74.1	74.7	75.4	76.1	76.1	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3000	64.9	78.4	79.6	80.7	81.4	81.5	82.0	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3
≥ 2500	66.1	81.4	82.7	84.0	85.1	85.3	85.9	86.3	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2
≥ 2000	66.9	83.1	84.9	86.4	87.7	88.0	88.8	88.9	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	67.0	83.3	85.1	86.7	88.1	88.3	89.1	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.6
≥ 1500	67.3	84.0	86.0	88.0	89.5	89.8	90.9	91.3	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7
≥ 1200	67.4	84.4	86.5	88.6	90.2	90.6	91.9	92.4	92.4	92.8	92.9	92.9	92.9	92.9	92.9	93.1
≥ 1000	67.4	84.6	86.7	89.0	90.7	91.2	92.7	93.4	93.4	94.0	94.1	94.2	94.2	94.2	94.2	94.2
≥ 900	67.4	84.6	86.7	89.0	90.7	91.2	92.7	93.5	93.5	94.2	94.3	94.3	94.3	94.3	94.3	94.4
≥ 800	67.5	84.7	86.9	89.3	91.0	91.5	93.1	93.9	93.9	94.8	95.1	95.2	95.2	95.2	95.2	95.2
≥ 700	67.5	84.8	87.1	89.5	91.2	91.7	93.5	94.3	94.3	95.4	95.7	95.7	95.8	95.8	95.8	95.9
≥ 600	67.5	84.8	87.1	89.7	91.5	92.0	93.8	94.7	94.7	95.9	96.3	96.3	96.4	96.4	96.4	96.5
≥ 500	67.5	84.8	87.1	89.8	91.7	92.2	94.2	95.2	95.2	96.6	97.2	97.2	97.3	97.3	97.3	97.4
≥ 400	67.5	84.8	87.1	89.9	91.8	92.4	94.5	95.5	95.5	97.0	97.7	97.7	98.1	98.1	98.1	98.2
≥ 300	67.5	84.8	87.1	90.0	92.0	92.6	94.7	95.8	95.8	97.4	98.3	98.3	98.8	98.8	98.9	98.9
≥ 200	67.5	84.8	87.1	90.0	92.0	92.6	94.7	95.9	95.9	97.6	98.5	98.6	99.2	99.2	99.3	99.4
≥ 100	67.5	84.8	87.1	90.0	92.0	92.6	94.7	95.9	95.9	97.6	98.6	98.6	99.4	99.4	99.5	99.6
≥ 0	67.5	84.9	87.1	90.0	92.0	92.6	94.8	95.9	95.9	97.6	98.6	98.7	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5424

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAR — 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.6	39.5	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000	38.6	42.5	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 18000	38.6	42.5	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 16000	38.6	42.5	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 14000	39.8	42.7	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 12000	41.0	45.2	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 10000	42.9	47.8	48.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 9000	43.4	48.5	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 8000	45.7	50.9	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 7000	47.2	53.0	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 6000	49.6	56.7	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	52.3	62.2	62.9	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4500	53.3	65.9	66.5	67.2	67.3	67.3	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4000	55.4	69.5	70.3	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3500	58.9	74.1	75.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	60.9	77.8	79.0	80.4	80.6	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2500	62.2	80.2	81.5	82.9	83.2	83.2	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	62.8	82.1	83.5	85.3	85.8	85.8	85.9	86.0	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	62.9	82.5	83.9	85.8	86.2	86.2	86.3	86.4	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	63.3	83.7	85.2	87.4	87.8	87.8	87.9	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1200	63.4	84.1	85.9	88.2	88.7	88.7	88.8	89.1	89.1	89.9	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	63.6	84.4	86.2	88.7	89.4	89.4	89.9	90.3	90.3	91.1	91.3	91.3	91.4	91.4	91.4	91.4
≥ 900	63.7	84.5	86.3	89.1	89.8	89.8	90.6	91.0	91.0	91.8	91.9	91.9	92.1	92.1	92.1	92.1
≥ 800	63.7	84.5	86.3	89.2	89.9	90.1	90.9	91.3	91.3	92.1	92.2	92.2	92.3	92.3	92.3	92.3
≥ 700	63.7	84.8	86.6	89.9	90.6	90.7	91.8	92.2	92.2	93.0	93.1	93.1	93.3	93.3	93.3	93.3
≥ 600	63.7	85.1	86.8	90.2	91.0	91.1	92.2	92.6	92.6	93.4	93.5	93.5	93.7	93.7	93.7	93.7
≥ 500	63.7	85.1	87.0	90.7	91.5	91.7	92.9	93.4	93.4	94.2	95.0	95.0	95.2	95.2	95.2	95.2
≥ 400	63.7	85.1	87.0	90.7	91.8	91.9	93.1	94.2	94.2	95.2	96.0	96.0	96.1	96.1	96.1	96.1
≥ 300	63.7	85.1	87.0	91.8	92.9	93.0	94.2	95.3	95.3	96.8	98.1	98.1	98.5	98.5	98.5	98.5
≥ 200	63.7	85.1	87.0	91.8	92.9	93.0	94.2	95.3	95.3	97.2	98.5	98.5	99.1	99.1	99.3	99.3
≥ 100	63.7	85.1	87.0	91.8	92.9	93.0	94.2	95.3	95.3	97.2	98.5	98.5	99.1	99.1	99.6	99.6
≥ 0	63.8	85.2	87.1	91.9	93.0	93.1	94.4	95.6	95.6	97.4	98.9	98.9	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

OL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.7	38.0	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 20000	36.1	42.1	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000	36.1	42.1	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 16000	36.1	42.1	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	36.2	42.2	42.5	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 12000	37.6	43.8	44.1	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 10000	39.2	45.4	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 9000	39.2	45.6	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 8000	41.4	48.3	48.7	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 7000	42.6	50.3	50.7	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 6000	44.2	53.2	53.6	54.0	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 5000	46.9	57.0	57.5	58.2	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4500	49.1	60.5	61.0	61.7	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4000	52.2	66.3	66.8	67.7	68.0	68.0	68.1	68.1	68.1	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ 3500	54.3	70.0	70.8	71.9	72.2	72.2	72.3	72.3	72.3	72.6	72.6	72.6	72.7	72.7	72.7	72.7
≥ 3000	57.1	74.5	75.9	77.0	77.6	77.7	78.1	78.1	78.1	78.5	78.5	78.5	78.6	78.6	78.6	78.6
≥ 2500	58.6	77.2	78.8	80.5	81.0	81.3	82.1	82.3	82.3	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 2000	59.9	79.4	81.6	83.5	84.0	84.4	85.8	85.9	85.9	86.4	86.4	86.4	86.6	86.6	86.6	86.6
≥ 1800	60.2	80.0	82.3	84.1	84.7	85.1	86.4	86.6	86.6	87.2	87.2	87.2	87.4	87.4	87.4	87.4
≥ 1500	60.3	80.6	82.9	85.5	86.2	86.6	88.0	88.3	88.3	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 1200	60.3	80.9	83.2	85.9	86.6	87.0	88.4	89.2	89.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 1000	60.6	81.5	83.9	86.7	87.8	88.3	90.1	90.7	90.7	91.9	91.9	91.9	92.1	92.1	92.1	92.1
≥ 900	60.9	82.0	84.4	87.5	88.6	89.1	90.9	91.5	91.5	92.7	92.7	92.7	92.9	92.9	92.9	92.9
≥ 800	60.9	82.0	84.4	87.5	88.6	89.1	90.9	91.5	91.5	92.7	92.7	92.7	92.9	92.9	92.9	92.9
≥ 700	60.9	82.3	84.8	88.6	89.7	90.2	91.9	92.7	92.7	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 600	60.9	82.4	85.1	89.4	90.5	91.0	92.9	93.7	93.7	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 500	60.9	82.4	85.1	89.7	90.7	91.3	93.1	94.0	94.0	95.6	96.1	96.1	96.2	96.2	96.2	96.2
≥ 400	60.9	82.4	85.1	89.9	91.1	91.7	93.7	94.8	94.8	96.6	97.2	97.2	97.3	97.3	97.3	97.3
≥ 300	60.9	82.5	85.3	90.2	91.5	92.1	94.5	95.6	95.6	98.3	98.9	98.9	99.2	99.2	99.2	99.2
≥ 200	60.9	82.5	85.3	90.2	91.7	92.2	94.6	96.0	96.0	98.7	99.3	99.3	99.6	99.6	99.6	99.6
≥ 100	60.9	82.5	85.3	90.2	91.7	92.2	94.6	96.1	96.1	98.8	99.5	99.5	99.7	99.7	99.7	99.7
≥ 0	60.9	82.5	85.3	90.2	91.7	92.2	94.6	96.1	96.2	98.9	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | MAR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.4	34.1	34.1	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 20000	37.6	40.1	40.1	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 18000	37.6	40.1	40.1	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 16000	37.6	40.1	40.1	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 14000	38.2	40.6	40.6	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 12000	41.1	43.7	43.7	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 10000	43.0	45.8	45.8	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 9000	43.3	46.9	46.9	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 8000	46.0	49.1	49.2	49.6	49.7	49.7	49.7	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 7000	48.7	52.0	52.2	52.7	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 6000	50.3	53.9	54.0	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 5000	51.9	56.0	56.2	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4500	53.2	57.9	58.1	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
≥ 4000	55.5	61.3	61.4	62.4	62.8	62.9	62.9	62.9	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 3500	59.0	66.1	66.7	67.7	68.3	68.4	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	62.1	71.1	72.2	73.9	74.5	74.6	74.6	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	64.1	74.5	75.7	77.4	78.0	78.4	78.8	78.8	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000	65.2	77.3	79.2	81.2	81.9	82.3	82.8	82.9	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1800	65.5	77.7	79.8	82.0	82.7	83.1	83.6	83.7	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	66.1	78.8	81.0	83.3	84.1	84.7	85.5	85.9	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1200	66.3	79.6	81.9	84.3	85.2	85.8	86.8	87.5	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	66.3	79.8	82.3	84.8	85.9	86.4	87.8	88.4	88.4	89.2	89.2	89.2	89.4	89.4	89.4	89.4
≥ 900	66.3	79.8	82.5	85.1	86.2	87.0	88.3	89.2	89.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 800	66.3	79.8	82.5	85.2	86.3	87.2	88.8	90.1	90.1	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 700	66.3	80.0	82.7	85.3	86.6	87.5	89.7	90.9	90.9	93.1	93.1	93.1	93.3	93.3	93.3	93.3
≥ 600	66.3	80.0	82.7	85.5	86.7	87.6	90.2	91.9	91.9	94.6	94.6	94.6	95.0	95.0	95.0	95.0
≥ 500	66.3	80.1	82.8	85.6	86.8	87.8	90.5	92.3	92.3	95.0	95.4	95.4	96.0	96.0	96.0	96.0
≥ 400	66.3	80.4	83.2	86.0	87.4	88.4	91.8	93.8	93.8	96.5	97.0	97.0	97.6	97.6	97.6	97.6
≥ 300	66.3	80.4	83.2	86.2	87.5	88.6	92.2	94.5	94.5	97.2	97.7	97.7	98.9	98.9	99.2	99.2
≥ 200	66.3	80.4	83.2	86.2	87.8	88.8	92.5	94.9	94.9	97.6	98.1	98.1	99.5	99.5	99.7	99.7
≥ 100	66.3	80.4	83.2	86.2	87.8	88.8	92.5	94.9	94.9	97.6	98.3	98.3	99.6	99.6	100.0	100.0
≥ 0	66.3	80.4	83.2	86.2	87.8	88.8	92.5	94.9	94.9	97.6	98.3	98.3	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | MAR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.4	35.3	35.9	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 20000	40.3	42.2	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 18000	40.3	42.2	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 16000	40.3	42.2	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 14000	41.1	43.0	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 12000	42.3	44.2	44.4	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 10000	44.2	46.1	46.2	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 9000	45.3	48.1	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 8000	48.4	50.8	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 7000	50.9	53.4	53.5	53.6	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 6000	53.1	55.8	56.0	56.2	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 5000	54.5	57.7	57.9	58.1	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4500	57.3	59.9	60.2	60.5	60.8	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4000	61.3	64.7	65.1	65.3	66.0	66.0	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3500	65.1	70.2	70.6	71.1	71.8	71.9	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3000	67.6	75.1	76.1	76.6	77.4	77.6	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2500	68.7	77.2	78.4	78.9	79.7	79.8	80.0	80.0	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2000	69.2	79.4	81.2	82.1	82.9	83.2	83.7	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	69.5	79.7	81.5	82.4	83.2	83.5	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	69.6	80.1	82.1	83.2	84.3	84.7	85.2	85.6	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	70.0	80.5	83.2	84.4	85.5	86.0	87.0	87.5	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	70.3	81.0	84.0	85.3	86.4	87.2	88.2	89.0	89.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 900	70.3	81.3	84.4	85.8	87.0	87.9	88.8	89.7	89.7	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	70.3	81.7	84.9	86.3	87.8	88.8	90.1	91.3	91.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700	70.3	82.1	85.5	87.0	88.8	89.9	91.1	92.5	92.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	70.3	82.3	85.6	87.1	89.0	90.1	91.4	93.3	93.3	94.9	95.6	95.6	96.1	96.1	96.1	96.1
≥ 500	70.3	82.3	85.6	87.1	89.1	90.3	92.1	94.0	94.0	96.1	96.9	96.9	97.4	97.4	97.4	97.4
≥ 400	70.3	82.4	85.8	87.2	89.7	90.9	92.6	95.0	95.0	97.3	98.5	98.5	99.1	99.1	99.1	99.1
≥ 300	70.3	82.4	85.8	87.2	89.7	90.9	92.6	95.2	95.2	97.7	98.9	98.9	99.5	99.5	99.5	99.5
≥ 200	70.3	82.4	85.8	87.2	89.7	90.9	92.7	95.4	95.4	98.0	99.2	99.2	99.9	99.9	99.9	99.9
≥ 100	70.3	82.4	85.8	87.2	89.7	90.9	92.7	95.4	95.4	98.0	99.2	99.2	99.9	99.9	100.0	100.0
≥ 0	70.3	82.4	85.8	87.2	89.7	90.9	92.7	95.4	95.4	98.0	99.2	99.2	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14942	BURLINGTON INTL VT	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	35.3	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	36.7
≥ 20000	41.5	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 18000	41.5	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 16000	41.5	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 14000	41.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 12000	43.5	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 10000	45.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 9000	46.9	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 8000	49.7	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 7000	51.5	53.5	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.6	53.8	53.6
≥ 6000	54.6	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 5000	58.3	61.3	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	61.8
≥ 4500	61.2	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4000	64.3	69.8	70.2	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
≥ 3500	70.4	76.1	76.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	73.4	80.5	81.0	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	75.5	83.5	84.3	84.5	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000	76.6	85.2	86.3	86.7	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	77.0	85.6	86.7	87.1	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	77.7	87.5	88.8	89.5	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	78.1	89.0	90.3	91.0	91.8	92.2	92.5	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	78.8	89.7	91.0	91.7	92.6	93.1	93.5	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	78.8	90.2	91.5	92.3	93.5	94.1	94.8	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	78.8	90.2	91.5	92.3	93.7	94.2	94.9	95.2	95.2	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	78.9	90.5	91.8	92.6	94.1	94.8	95.4	95.8	95.8	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	78.9	90.5	91.8	92.6	94.1	94.8	95.4	96.0	96.0	96.9	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	78.9	90.5	91.8	92.6	94.1	94.9	95.6	96.2	96.2	97.3	98.1	98.5	98.5	98.7	98.7	98.7
≥ 400	78.9	90.5	91.8	92.6	94.1	94.9	95.6	96.5	96.5	97.8	98.7	99.1	99.3	99.5	99.5	99.5
≥ 300	78.9	90.5	91.8	92.6	94.1	94.9	95.6	96.5	96.5	97.8	98.7	99.1	99.3	99.5	99.5	99.5
≥ 200	78.9	90.5	91.8	92.6	94.1	94.9	95.6	96.5	96.5	98.0	98.8	99.2	99.6	99.7	99.7	99.7
≥ 100	78.9	90.5	91.8	92.6	94.1	94.9	95.6	96.5	96.5	98.0	98.8	99.2	99.6	99.7	100.0	100.0
≥ 0	78.9	90.5	91.8	92.6	94.1	94.9	95.6	96.5	96.5	98.0	98.8	99.2	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.7	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	42.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 18000	42.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 16000	42.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 14000	43.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 12000	45.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 10000	47.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 9000	47.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 8000	49.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 7000	51.3	53.6	53.6	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 6000	54.6	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	58.2	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 4500	64.1	68.0	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4000	67.7	72.0	72.4	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3500	74.1	79.4	80.0	80.1	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	76.9	82.9	83.6	83.7	84.1	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	78.2	85.5	86.2	86.3	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	79.7	87.1	87.9	88.3	89.2	89.7	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	79.8	87.4	88.2	88.6	89.5	89.9	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	80.2	88.0	89.0	89.7	90.7	91.3	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	80.4	88.3	89.2	89.9	91.4	92.1	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	80.5	89.1	90.5	91.1	93.3	94.4	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	80.5	89.1	90.5	91.1	93.3	94.4	95.0	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	80.5	89.1	90.5	91.1	93.4	94.5	95.3	95.6	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	80.5	89.1	90.5	91.1	93.4	94.5	95.3	95.7	95.7	96.4	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	80.5	89.1	90.5	91.1	93.4	94.6	95.4	96.1	96.1	96.8	97.4	97.4	97.6	97.7	97.7	97.7
≥ 500	80.5	89.1	90.5	91.1	93.4	94.6	95.4	96.2	96.2	97.2	97.8	98.0	98.3	98.4	98.4	98.4
≥ 400	80.5	89.1	90.5	91.1	93.4	94.6	95.4	96.2	96.2	97.3	98.0	98.1	98.4	98.7	98.7	98.7
≥ 300	80.5	89.1	90.5	91.1	93.4	94.6	95.4	96.2	96.2	97.4	98.1	98.4	98.8	99.1	99.2	99.2
≥ 200	80.5	89.1	90.5	91.1	93.4	94.6	95.4	96.4	96.4	97.6	98.3	98.5	99.2	99.6	99.9	99.9
≥ 100	80.5	89.1	90.5	91.1	93.4	94.6	95.4	96.4	96.4	97.6	98.3	98.5	99.2	99.6	99.9	99.9
≥ 0	80.5	89.1	90.5	91.1	93.4	94.6	95.4	96.4	96.4	97.6	98.3	98.5	99.2	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.1	39.7	39.8	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 20000	44.2	45.2	45.3	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 18000	44.4	45.3	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 6000	44.4	45.3	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 14000	44.8	46.1	46.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 12000	45.0	47.4	47.6	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 10000	46.9	48.4	49.5	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
≥ 9000	47.3	48.9	49.1	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 8000	49.9	51.7	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 7000	52.7	54.8	55.0	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 6000	55.9	59.0	59.5	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 5000	59.8	64.7	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4500	62.4	67.6	68.1	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4000	64.9	71.0	71.8	72.3	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	67.2	74.7	75.7	76.5	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	70.6	79.3	80.4	81.2	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	72.3	81.9	83.1	84.0	84.9	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	73.7	83.7	85.5	86.6	87.6	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	74.2	84.4	86.3	87.4	88.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	74.5	85.1	87.2	88.3	89.4	90.6	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1200	74.6	85.3	87.5	88.7	89.9	91.3	91.9	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 1000	74.7	85.9	88.2	89.4	90.7	92.1	92.9	93.0	93.0	93.1	93.1	93.1	93.3	93.3	93.3	93.3
≥ 900	74.9	86.0	88.3	89.5	90.9	92.2	93.0	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 800	74.9	86.2	88.6	89.9	91.4	92.7	93.8	94.1	94.1	94.2	94.2	94.2	94.4	94.4	94.4	94.4
≥ 700	74.9	86.2	88.6	90.1	91.5	92.9	94.1	94.6	94.6	94.9	95.0	95.0	95.2	95.2	95.2	95.2
≥ 600	74.9	86.2	88.6	90.3	91.9	93.4	95.2	95.8	95.8	96.2	96.5	96.5	97.0	97.0	97.0	97.0
≥ 500	74.9	86.2	88.6	90.5	92.1	93.5	95.3	96.0	96.0	96.9	97.2	97.2	97.8	97.8	97.8	97.8
≥ 400	74.9	86.2	88.6	90.5	92.1	93.5	95.3	96.0	96.0	97.3	97.7	97.7	98.5	98.5	98.7	98.7
≥ 300	74.9	86.2	88.6	90.5	92.1	93.5	95.3	96.0	96.0	97.4	98.1	98.1	99.1	99.1	99.2	99.2
≥ 200	74.9	86.2	88.6	90.5	92.1	93.5	95.3	96.0	96.0	97.4	98.3	98.3	99.5	99.5	99.6	99.6
≥ 100	74.9	86.2	88.6	90.5	92.1	93.5	95.3	96.0	96.0	97.4	98.3	98.3	99.5	99.5	99.6	99.6
≥ 0	74.9	86.2	88.6	90.5	92.1	93.5	95.3	96.0	96.0	97.4	98.3	98.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.1	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	44.1	45.8	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 18000	44.2	46.0	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 16000	44.4	46.1	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	44.9	46.8	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 12000	46.2	48.7	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 10000	47.3	50.5	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 9000	47.6	50.8	50.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 8000	49.5	53.4	53.5	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
≥ 7000	50.5	55.0	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000	52.7	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	55.3	63.6	63.8	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
≥ 4500	57.3	65.9	66.1	66.8	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	60.5	70.4	70.8	71.4	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3500	63.1	73.9	74.6	75.1	75.5	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	64.5	77.0	78.5	79.3	79.7	79.7	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	66.4	80.0	81.7	82.8	83.2	83.2	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2000	67.2	82.0	84.1	85.8	86.4	86.6	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	67.5	82.5	84.7	86.4	87.1	87.2	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1500	68.4	83.7	86.4	88.6	89.4	89.8	90.6	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	68.4	84.1	86.8	89.0	90.2	90.6	91.7	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	68.4	84.4	87.1	89.4	90.6	91.0	92.3	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	68.4	84.4	87.1	89.5	90.9	91.3	92.6	92.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	68.5	84.5	87.6	90.1	91.5	91.9	93.3	93.5	93.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	68.5	84.5	87.6	90.1	91.5	91.9	93.3	93.5	93.5	94.4	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	68.5	84.5	87.6	90.1	91.9	92.3	93.8	94.2	94.2	95.0	95.4	95.4	95.7	95.7	95.7	95.7
≥ 500	68.5	84.5	87.6	90.1	92.3	92.7	94.4	94.9	94.9	96.0	96.9	96.9	97.2	97.2	97.2	97.2
≥ 400	68.5	84.7	87.8	90.3	92.6	93.4	95.2	95.7	95.7	96.8	97.8	97.8	98.4	98.4	98.4	98.4
≥ 300	68.5	84.7	87.8	90.3	92.6	93.4	95.4	96.1	96.1	97.4	98.5	98.5	99.1	99.1	99.1	99.1
≥ 200	68.5	84.7	87.8	90.3	92.6	93.4	95.4	96.1	96.1	97.4	98.9	98.9	99.5	99.5	99.7	99.7
≥ 100	68.5	84.7	87.8	90.3	92.6	93.4	95.4	96.1	96.1	97.4	98.9	98.9	99.5	99.5	99.7	99.7
≥ 0	68.5	84.7	87.8	90.3	92.6	93.4	95.4	96.1	96.1	97.4	99.1	99.1	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | MAR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	36.1	39.1	33.2	38.4	38.4	38.4	38.4	38.4	38.4	36.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 20000	40.6	42.9	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 18000	40.6	43.0	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 16000	40.7	43.0	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 14000	41.2	43.6	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 12000	42.3	45.5	45.6	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 10000	44.9	47.4	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 9000	45.2	48.2	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 8000	47.5	50.9	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 7000	49.4	53.2	53.3	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 6000	51.8	56.4	56.6	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 5000	54.9	60.5	60.8	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 4500	57.3	63.8	64.2	64.6	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4000	60.3	68.1	68.6	69.1	69.4	69.5	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	64.0	73.1	73.7	74.4	74.8	74.9	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	66.6	77.3	78.3	79.2	79.7	79.8	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2500	68.3	80.0	81.2	82.2	82.7	82.9	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000	69.3	82.0	83.7	84.9	85.6	85.9	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	69.6	82.5	84.2	85.5	86.2	86.5	87.0	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	70.1	83.5	85.3	86.9	87.8	88.2	88.8	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	70.2	84.0	86.1	87.7	88.7	89.2	90.0	90.3	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	70.4	84.5	86.6	88.4	89.6	90.2	91.2	91.6	91.6	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 900	70.5	84.7	86.9	88.7	90.0	90.7	91.8	92.2	92.2	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 800	70.5	84.8	87.0	89.0	90.3	91.1	92.2	92.8	92.8	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 700	70.5	84.9	87.2	89.3	90.8	91.5	92.8	93.5	93.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	70.5	85.0	87.3	89.5	91.1	91.9	93.3	94.2	94.2	95.4	95.7	95.7	96.0	96.0	96.0	96.0
≥ 500	70.5	85.0	87.4	89.7	91.3	92.1	93.6	94.6	94.6	96.0	96.7	96.8	97.1	97.1	97.1	97.1
≥ 400	70.5	85.1	87.4	89.8	91.5	92.4	94.1	95.3	95.3	96.9	97.6	97.7	98.1	98.1	98.2	98.2
≥ 300	70.5	85.1	87.5	90.0	91.7	92.6	94.4	95.7	95.7	97.5	98.4	98.5	99.0	99.1	99.2	99.2
≥ 200	70.5	85.1	87.5	90.0	91.8	92.7	94.5	95.8	95.8	97.7	98.7	98.8	99.5	99.5	99.7	99.7
≥ 100	70.5	85.1	87.5	90.0	91.8	92.7	94.5	95.8	95.8	97.7	98.7	98.8	99.5	99.6	99.8	99.8
≥ 0	70.5	85.1	87.5	90.0	91.8	92.7	94.5	95.9	95.9	97.8	98.8	98.9	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 595

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

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...42 | BURLINGTON INTL VT | 74-81 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...000-...2... HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≤¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	41.1	43.6	43.8	44.0	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	46.3	49.4	49.6	49.9	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000	46.3	49.4	49.6	49.9	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000	46.4	49.6	49.7	50.0	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	48.7	49.9	51.0	50.3	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 12000	49.2	52.6	52.8	53.1	53.2	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 10000	50.6	54.3	54.4	54.7	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000	51.3	55.0	55.1	55.4	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 8000	53.1	58.2	58.3	58.6	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 7000	55.9	61.7	61.9	62.2	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 6000	58.3	64.7	65.0	65.3	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 5000	61.3	69.2	69.6	69.9	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥ 4500	63.2	71.7	72.1	72.5	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1
≥ 4000	64.7	74.0	75.0	75.6	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 3500	66.8	77.9	79.0	79.7	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
≥ 3000	70.1	82.4	83.9	84.9	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6
≥ 2500	71.7	85.4	87.2	88.5	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 2000	72.5	86.8	88.6	90.3	90.7	90.8	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 1800	72.9	86.8	88.6	90.3	91.0	91.1	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.7
≥ 1500	72.8	87.4	89.2	90.8	91.7	91.8	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 1200	73.2	88.8	91.0	92.9	93.9	94.0	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.9
≥ 1000	73.2	88.8	91.0	92.9	93.9	94.0	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.9
≥ 900	73.3	89.4	91.8	93.8	94.7	94.9	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 800	73.3	89.4	91.8	93.8	94.7	94.9	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 700	73.3	89.4	91.8	93.9	95.0	95.1	95.7	95.7	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.1
≥ 600	73.3	89.4	91.8	94.0	95.1	95.3	95.8	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.3
≥ 500	73.3	89.9	92.2	94.9	96.0	96.8	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.8
≥ 400	73.3	89.9	92.4	95.1	96.3	97.1	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	98.2
≥ 300	73.3	89.9	92.4	95.4	96.5	97.4	97.9	97.9	97.9	98.3	98.3	98.3	98.9	98.9	98.9	99.2
≥ 200	73.3	89.9	92.4	95.4	96.5	97.4	97.9	97.9	97.9	98.3	98.3	98.3	98.9	98.9	98.9	99.2
≥ 100	73.3	89.9	92.4	95.6	96.7	97.5	98.1	98.1	98.1	98.5	98.6	98.6	99.2	99.2	99.2	99.4
≥ 0	73.3	89.9	92.4	95.6	96.7	97.5	98.1	98.1	98.1	98.5	98.6	98.6	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 72...

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

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14...42	BURLINGTON INTL VT	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.0	36.4	36.7	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.8	37.8	37.8	37.9
≥ 20000	38.8	41.9	42.2	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	43.3	43.3	43.3	43.5
≥ 18000	38.8	41.9	42.2	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	43.3	43.3	43.3	43.5
≥ 6500	38.9	42.1	42.4	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.5	43.5	43.5	43.6
≥ 14000	38.9	42.1	42.4	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.6	43.6	43.6	43.8
≥ 2000	41.3	45.4	45.7	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.9	46.9	46.9	47.1
≥ 10000	43.3	47.4	47.6	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.9	48.9	48.9	49.0
≥ 9000	44.6	48.2	48.5	49.0	49.0	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.7	49.7	49.7	49.9
≥ 8000	46.7	50.8	51.1	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	52.4	52.4	52.4	52.5
≥ 7000	49.6	54.3	55.0	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	56.3	56.3	56.3	56.4
≥ 6000	54.4	60.1	60.8	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	62.1	62.1	62.1	62.2
≥ 5000	58.9	65.8	66.5	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.8	67.8	67.8	68.1
≥ 4500	61.1	69.0	69.7	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	71.0	71.0	71.0	71.3
≥ 4000	62.1	71.8	72.6	73.2	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	74.3	74.3	74.3	74.6
≥ 3500	64.2	75.4	76.4	77.1	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.6	78.6	78.6	78.9
≥ 3000	66.9	79.4	80.8	81.7	82.5	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.8	83.8	83.8	84.0
≥ 2500	67.3	81.7	83.3	84.4	85.3	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.5	86.5	86.5	86.8
≥ 2000	68.3	82.6	84.3	85.6	86.9	87.2	87.8	87.8	87.8	87.8	87.8	87.8	88.3	88.3	88.3	88.6
≥ 800	68.5	83.1	84.9	86.4	87.5	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.9	88.9	88.9	89.2
≥ 1500	68.6	83.6	85.6	87.5	88.8	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.6	90.6	90.6	90.8
≥ 1200	68.6	84.4	86.4	88.6	89.9	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.8	91.8	91.8	92.1
≥ 1000	68.8	85.1	87.4	89.9	91.1	91.8	92.6	92.6	92.6	92.8	92.8	92.8	93.3	93.3	93.3	93.6
≥ 900	68.8	85.7	87.9	90.6	91.9	92.9	93.8	93.8	93.8	93.9	93.9	93.9	94.6	94.6	94.6	95.0
≥ 800	68.8	85.8	88.1	90.7	92.4	93.5	94.3	94.3	94.3	94.4	94.4	94.4	95.1	95.1	95.1	95.6
≥ 700	68.8	85.8	88.3	91.3	92.9	94.0	94.9	94.9	94.9	95.0	95.0	95.0	95.7	95.7	95.7	96.1
≥ 600	68.8	85.8	88.3	91.4	93.1	94.2	95.0	95.0	95.0	95.1	95.1	95.1	95.8	95.8	95.8	96.3
≥ 500	68.8	86.1	88.8	91.9	93.6	94.7	95.7	96.0	96.0	96.3	96.3	96.3	96.9	96.9	96.9	97.4
≥ 400	68.8	86.1	88.9	92.2	94.0	95.1	96.1	96.4	96.4	96.8	96.8	96.8	97.5	97.5	97.5	97.9
≥ 300	68.8	86.1	89.0	92.6	94.4	95.6	96.7	96.9	96.9	97.6	97.8	98.2	98.9	98.9	98.9	99.3
≥ 200	68.8	86.1	89.0	92.6	94.4	95.7	96.8	97.1	97.1	98.1	98.2	98.6	99.3	99.3	99.3	99.7
≥ 100	68.8	86.1	89.0	92.6	94.4	95.7	96.8	97.1	97.1	98.1	98.3	98.8	99.4	99.4	99.4	99.9
≥ 0	68.8	86.1	89.0	92.6	94.4	95.7	96.8	97.1	97.1	98.1	98.3	98.8	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 720

DET [illegible] CLIMATOLOGY BRANCH
USAFETAC
AT [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	39.0
≥ 20000	42.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.2
≥ 18000	42.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.4
≥ 16000	42.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.4
≥ 14000	42.9	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.6
≥ 12000	45.1	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.1	47.2
≥ 10000	46.5	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	49.2	49.3
≥ 9000	47.2	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.9	50.0
≥ 8000	49.9	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.8
≥ 7000	51.9	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	56.0
≥ 6000	55.1	58.5	59.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.2
≥ 5000	59.1	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.7
≥ 4500	61.5	67.2	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.1	68.2
≥ 4000	63.5	69.7	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.8
≥ 3500	69.6	76.4	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.5
≥ 3000	72.8	81.4	82.1	82.5	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	83.1
≥ 2500	74.0	82.9	84.0	84.6	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.3
≥ 2000	75.7	85.1	86.3	86.8	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.5
≥ 1800	75.9	85.6	86.7	87.4	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.2
≥ 1500	76.1	86.8	88.1	88.9	89.4	89.9	90.3	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.8	91.0
≥ 1200	76.1	86.9	88.3	89.3	90.1	90.6	91.0	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.5	91.7
≥ 1000	76.3	87.8	89.2	90.3	91.3	91.8	92.4	92.6	92.6	92.9	92.9	92.9	92.9	92.9	93.1	93.2
≥ 900	76.4	88.3	89.7	90.8	91.9	92.6	93.2	93.6	93.6	94.0	94.0	94.0	94.2	94.2	94.3	94.4
≥ 800	76.4	88.6	90.3	91.4	92.5	93.5	94.0	94.4	94.4	95.0	95.0	95.0	95.1	95.1	95.3	95.4
≥ 700	76.4	88.6	90.3	91.8	92.9	93.9	94.4	94.9	94.9	95.8	95.8	95.8	96.0	96.0	96.1	96.3
≥ 600	76.4	88.8	90.4	92.1	93.3	94.3	94.9	95.4	95.4	96.5	96.7	96.7	96.9	96.9	97.1	97.2
≥ 500	76.4	89.0	90.7	92.5	94.0	95.1	95.7	96.3	96.3	97.5	97.6	97.6	97.9	97.9	98.1	98.2
≥ 400	76.4	89.0	90.7	92.5	94.2	95.7	96.3	96.8	96.8	98.1	98.2	98.2	98.8	98.8	98.9	99.0
≥ 300	76.4	89.0	90.7	92.5	94.2	95.7	96.3	96.8	96.8	98.2	98.5	98.5	99.0	99.0	99.2	99.3
≥ 200	76.4	89.0	90.7	92.5	94.2	95.7	96.3	96.9	96.9	98.3	98.6	98.6	99.4	99.4	99.6	99.7
≥ 100	76.4	89.0	90.7	92.5	94.2	95.7	96.3	97.1	97.1	98.6	98.9	98.9	99.7	99.7	99.9	100.0
≥ 0	76.4	89.0	90.7	92.5	94.2	95.7	96.3	97.1	97.1	98.6	98.9	98.9	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	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	39.4
≥ 20000	43.6	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 18000	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 16000	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 14000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 12000	45.3	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 10000	49.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 9000	50.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 8000	52.2	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
≥ 7000	54.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 6000	56.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 5000	59.6	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 4500	61.9	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4000	65.6	69.3	69.3	69.7	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3500	70.6	75.6	75.6	76.0	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	75.0	80.0	80.3	80.7	80.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	77.4	82.9	83.3	83.8	83.9	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000	79.2	86.0	86.8	87.2	87.5	87.8	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	79.4	86.7	87.6	88.1	88.3	88.6	88.9	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	79.9	87.9	89.0	89.4	89.9	90.1	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	80.7	88.9	90.0	90.4	91.0	91.4	92.1	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	80.8	89.4	90.7	91.4	92.1	92.5	93.3	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	81.0	89.7	91.0	91.7	92.5	92.9	93.8	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	81.1	90.3	91.5	92.2	93.2	93.8	94.9	95.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	81.1	90.6	91.8	92.5	93.5	94.2	95.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	81.1	90.6	91.8	93.1	94.0	95.1	96.3	96.9	96.9	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	81.1	90.6	91.9	93.2	94.2	95.3	96.4	97.1	97.2	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	81.1	90.7	92.1	93.3	94.4	95.6	96.7	97.4	97.5	98.3	98.8	98.8	98.9	98.9	98.9	98.9
≥ 300	81.1	90.7	92.1	93.3	94.4	95.6	96.9	97.8	97.9	98.8	99.2	99.2	99.4	99.4	99.4	99.4
≥ 200	81.1	90.7	92.1	93.3	94.4	95.6	97.1	97.9	98.1	98.9	99.4	99.4	99.7	99.7	99.9	99.9
≥ 100	81.1	90.7	92.1	93.3	94.4	95.6	97.1	97.9	98.1	98.9	99.4	99.4	99.7	99.7	99.9	99.9
≥ 0	81.1	90.7	92.1	93.3	94.4	95.6	97.1	97.9	98.1	98.9	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.6	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 20000	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 16000	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 14000	43.8	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 12000	45.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 10000	47.4	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 9000	47.9	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
≥ 8000	50.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 7000	53.3	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 6000	55.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 5000	60.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	63.5	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4000	69.7	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	75.0	79.2	79.4	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000	78.5	83.3	83.8	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2500	81.3	86.3	86.7	87.1	87.4	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	81.7	88.1	88.6	89.2	89.7	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	81.9	88.3	88.9	89.4	90.0	90.3	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	82.2	89.4	90.4	91.0	91.5	92.1	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	83.1	91.1	92.1	92.6	93.2	94.2	94.4	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	83.3	92.2	93.2	93.9	94.4	95.4	95.7	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	83.3	92.2	93.2	94.0	94.6	95.6	95.8	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	83.3	92.5	93.6	94.4	95.1	96.1	96.4	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	83.5	92.6	93.8	95.3	95.7	96.7	96.9	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	83.5	92.8	93.9	95.3	96.0	96.9	97.4	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	83.5	92.8	93.9	95.3	96.0	96.9	97.4	97.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	83.6	93.1	94.2	95.6	96.3	97.4	97.8	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	83.6	93.1	94.2	95.6	96.3	97.4	97.9	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	83.6	93.1	94.2	95.6	96.3	97.4	97.9	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.7	99.7
≥ 100	83.6	93.1	94.2	95.6	96.3	97.4	97.9	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.9	99.9
≥ 0	83.6	93.1	94.2	95.6	96.3	97.4	97.9	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
APR — MONTH
1500-1700 — 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.4	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 20000	46.3	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 18000	46.7	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 6000	46.7	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 14000	47.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 12000	49.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 10000	50.6	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 8000	53.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 7000	56.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 6000	59.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 5000	66.1	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4500	70.6	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	74.7	78.3	78.6	78.6	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	78.8	82.8	83.1	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	81.0	85.8	86.1	86.1	86.1	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	82.5	87.8	88.1	88.1	88.1	88.5	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	84.3	90.4	90.7	91.0	91.1	91.5	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	84.9	91.1	91.4	91.7	91.8	92.2	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	85.7	92.6	92.9	93.2	93.3	93.8	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	85.8	93.2	93.5	93.8	93.9	94.4	94.7	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	86.1	94.0	94.4	94.7	94.9	95.6	95.8	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	86.1	94.2	94.6	95.0	95.1	95.8	96.1	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	86.3	94.3	94.7	95.1	95.3	96.0	96.3	97.1	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	86.3	94.3	94.7	95.1	95.3	96.0	96.3	97.4	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	86.3	94.7	95.1	95.6	95.7	96.4	96.7	97.8	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	86.3	94.7	95.3	95.7	95.8	96.5	96.8	97.9	97.9	98.6	98.9	98.9	99.2	99.2	99.2	99.2
≥ 400	86.3	94.7	95.3	95.8	96.0	96.7	96.9	98.1	98.1	98.8	99.0	99.0	99.4	99.4	99.4	99.4
≥ 300	86.3	94.9	95.4	96.0	96.1	96.8	97.1	98.2	98.2	98.9	99.2	99.2	99.6	99.6	99.6	99.6
≥ 200	86.3	94.9	95.4	96.0	96.1	96.8	97.1	98.3	98.3	99.2	99.4	99.4	99.9	99.9	100.0	100.0
≥ 100	86.3	94.9	95.4	96.0	96.1	96.8	97.1	98.3	98.3	99.2	99.4	99.4	99.9	99.9	100.0	100.0
≥ 0	86.3	94.9	95.4	96.0	96.1	96.8	97.1	98.3	98.3	99.2	99.4	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000	46.3	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.0
≥ 18000	46.3	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.0
≥ 16000	47.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7
≥ 14000	48.4	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	50.1
≥ 12000	50.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
≥ 10000	52.9	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8
≥ 9000	54.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2
≥ 8000	57.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4
≥ 7000	59.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2
≥ 6000	62.3	65.1	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	65.5
≥ 5000	66.6	70.2	70.4	70.8	70.8	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 4500	70.5	74.4	74.9	75.3	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4
≥ 4000	72.5	76.8	76.9	77.3	77.3	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7
≥ 3500	75.1	80.3	80.7	81.1	81.1	81.1	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 3000	77.5	83.6	84.0	84.6	84.6	85.0	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 2500	79.1	86.2	86.9	87.9	88.0	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 2000	80.7	89.3	90.3	92.2	92.4	92.9	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 1800	81.1	90.0	91.1	93.3	93.5	94.0	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3
≥ 1500	81.5	91.0	92.2	94.6	94.7	95.3	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.7
≥ 1200	81.6	91.1	92.4	94.9	95.0	95.7	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 1000	81.6	91.2	92.8	95.3	95.4	96.2	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8
≥ 900	81.6	91.4	92.9	95.4	95.5	96.4	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 800	81.6	91.4	92.9	95.4	95.5	96.4	97.2	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.3
≥ 700	81.6	91.4	92.9	95.4	95.5	96.4	97.2	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.3
≥ 600	81.6	91.4	92.9	95.4	95.5	96.4	97.2	97.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.5
≥ 500	81.6	91.5	93.0	95.5	95.8	96.7	97.6	98.3	98.3	98.3	98.7	98.7	98.9	98.9	98.9	99.0
≥ 400	81.6	91.5	93.0	95.5	95.8	96.7	97.9	98.7	98.7	98.7	99.2	99.2	99.3	99.3	99.3	99.4
≥ 300	81.6	91.5	93.0	95.5	95.8	96.7	97.9	98.9	98.9	98.9	99.3	99.3	99.4	99.4	99.4	99.6
≥ 200	81.6	91.5	93.0	95.5	95.8	96.7	97.9	98.9	98.9	98.9	99.3	99.3	99.7	99.9	99.9	100.0
≥ 100	81.6	91.5	93.0	95.5	95.8	96.7	97.9	98.9	98.9	98.9	99.3	99.3	99.7	99.9	99.9	100.0
≥ 0	81.6	91.5	93.0	95.5	95.8	96.7	97.9	98.9	98.9	98.9	99.3	99.3	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 719

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
APR — MONTH
2100-2300 — 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	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	41.3	45.3	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	47.4	51.9	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
≥ 18000	47.4	51.9	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
≥ 16000	47.4	51.9	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
≥ 14000	47.6	52.2	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	49.3	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 10000	51.4	56.1	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 9000	52.3	57.6	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000	56.4	61.4	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	61.8
≥ 7000	58.8	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	61.8	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	64.6	71.7	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
≥ 4500	66.3	74.2	74.6	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
≥ 4000	68.6	76.5	77.1	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
≥ 3500	71.7	81.3	81.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	73.3	84.3	85.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	74.6	86.3	87.4	88.8	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	75.6	89.4	91.0	92.5	92.5	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	75.6	89.4	91.1	92.9	92.9	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	75.7	89.7	91.5	93.5	93.6	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	75.7	90.4	92.4	94.6	95.0	95.4	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	75.7	90.4	92.4	94.6	95.0	95.4	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	75.7	90.6	92.8	95.1	95.7	96.1	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	75.7	90.6	92.8	95.1	95.7	96.1	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	75.7	90.6	92.8	95.3	95.8	96.3	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	75.7	90.7	92.9	95.4	96.0	96.4	97.2	97.4	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	75.7	91.1	93.3	95.8	96.4	96.8	97.8	97.9	97.9	98.2	98.5	98.5	98.5	98.6	98.6	98.6
≥ 400	75.7	91.1	93.3	96.0	96.5	97.1	98.1	98.2	98.2	98.5	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300	75.7	91.1	93.5	96.3	96.8	97.5	98.5	98.6	98.6	99.2	99.4	99.4	99.4	99.6	99.6	99.6
≥ 200	75.7	91.1	93.5	96.3	96.8	97.5	98.5	98.6	98.6	99.2	99.4	99.4	99.4	99.6	99.6	99.6
≥ 100	75.7	91.1	93.5	96.3	96.8	97.5	98.5	98.6	98.6	99.2	99.4	99.4	99.6	99.9	99.9	99.9
≥ 0	75.7	91.1	93.5	96.3	96.8	97.5	98.5	98.6	98.6	99.2	99.4	99.4	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.4	40.1	40.2	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.5	40.5	40.5
≥ 20000	44.3	46.3	46.4	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7
≥ 18000	44.4	46.4	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8
≥ 16000	44.6	46.6	46.7	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0
≥ 14000	45.0	47.0	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4
≥ 12000	47.1	49.3	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
≥ 10000	49.1	51.4	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.9
≥ 9000	49.9	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.8
≥ 8000	52.5	55.4	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
≥ 7000	55.7	58.3	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8
≥ 6000	57.3	61.7	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
≥ 5000	62.0	67.0	67.2	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.8
≥ 4500	64.8	70.2	70.5	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.1
≥ 4000	67.6	73.7	74.1	74.5	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 3500	71.3	78.6	79.1	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.1
≥ 3000	74.4	82.5	83.3	83.8	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.6
≥ 2500	76.1	84.9	85.9	86.6	86.9	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.6
≥ 2000	77.2	87.2	88.3	89.4	89.7	90.0	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.7
≥ 1800	77.5	87.6	88.8	89.9	90.3	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.3
≥ 1500	77.8	88.6	89.9	91.1	91.6	92.0	92.5	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.0
≥ 1200	78.1	89.4	90.7	92.1	92.7	93.3	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 1000	78.2	89.9	91.4	92.9	93.5	94.1	94.7	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.4
≥ 900	78.3	90.2	91.7	93.3	94.0	94.7	95.2	95.6	95.6	95.8	95.8	95.8	95.9	95.9	95.9	96.0
≥ 800	78.3	90.4	92.0	93.5	94.3	95.0	95.6	96.0	96.0	96.3	96.4	96.4	96.5	96.5	96.5	96.6
≥ 700	78.3	90.4	92.0	93.8	94.6	95.3	96.0	96.4	96.4	96.8	96.8	96.8	97.0	97.0	97.0	97.1
≥ 600	78.3	90.5	92.2	94.0	94.8	95.6	96.3	96.8	96.8	97.2	97.4	97.4	97.5	97.5	97.5	97.6
≥ 500	78.3	90.7	92.4	94.4	95.2	96.1	96.8	97.3	97.4	97.9	98.0	98.0	98.2	98.2	98.3	98.4
≥ 400	78.3	90.8	92.5	94.5	95.4	96.4	97.2	97.7	97.7	98.2	98.4	98.4	98.7	98.7	98.7	98.9
≥ 300	78.3	90.8	92.5	94.7	95.6	96.6	97.4	98.0	98.0	98.6	98.9	98.9	99.2	99.3	99.3	99.4
≥ 200	78.3	90.8	92.5	94.7	95.6	96.6	97.4	98.1	98.1	98.8	99.0	99.1	99.5	99.5	99.6	99.7
≥ 100	78.3	90.8	92.5	94.7	95.6	96.6	97.4	98.1	98.1	98.8	99.1	99.2	99.6	99.7	99.7	99.9
≥ 0	78.3	90.8	92.5	94.7	95.6	96.6	97.4	98.1	98.1	98.8	99.1	99.2	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5759

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.4	52.8	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
≥ 20000	46.2	55.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	46.2	55.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000	46.2	55.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	46.2	55.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 12000	46.9	57.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 10000	50.4	62.0	63.3	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7
≥ 9000	51.3	64.0	65.3	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	54.0	66.7	68.1	68.4	68.5	68.5	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	57.8	72.2	73.8	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000	58.7	74.1	75.7	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	60.2	77.7	79.7	80.1	80.2	80.2	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4500	61.2	79.3	81.3	81.7	81.9	81.9	81.9	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	61.8	81.6	83.7	84.3	84.5	84.5	84.7	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	64.5	85.2	87.5	88.2	88.4	88.4	88.6	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	65.3	87.6	90.2	91.1	91.4	91.4	91.5	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	66.0	89.4	91.9	92.9	93.1	93.3	93.5	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	66.4	90.3	93.0	94.1	94.4	94.5	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	66.5	90.9	93.5	94.6	94.9	95.0	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	66.8	91.5	94.6	95.8	96.1	96.2	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	66.8	92.1	95.3	96.6	96.9	97.0	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	66.8	92.3	95.6	96.9	97.2	97.3	97.7	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	66.8	92.3	95.6	96.9	97.2	97.3	97.7	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	66.8	92.3	95.7	97.2	97.4	97.6	98.0	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	66.8	92.3	95.7	97.3	97.6	97.7	98.1	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	66.8	92.3	95.7	97.3	97.6	97.7	98.1	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	66.8	92.3	95.8	97.6	98.0	98.1	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	66.8	92.3	95.8	98.0	98.4	98.5	99.1	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	66.8	92.3	95.8	98.0	98.4	98.5	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	66.8	92.3	95.8	98.0	98.4	98.5	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	66.8	92.3	95.8	98.0	98.4	98.5	99.2	99.5	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	66.8	92.3	95.8	98.0	98.4	98.5	99.2	99.5	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.5	47.4	48.5	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.5	49.5	49.6	49.7
≥ 20000	45.1	51.7	53.0	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.2	54.3
≥ 18000	45.1	51.7	53.0	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.2	54.3
≥ 16000	45.1	51.7	53.0	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.2	54.3
≥ 14000	45.4	52.2	53.4	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.6	54.7
≥ 12000	47.4	54.6	55.8	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9	57.0	57.1
≥ 10000	51.2	59.3	60.5	61.4	61.8	61.8	61.8	61.8	61.8	61.8	62.0	62.0	62.1	62.1	62.2	62.4
≥ 9000	51.7	59.8	61.0	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.8	62.8	62.9	63.0
≥ 8000	54.4	63.4	64.8	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.8	66.8	66.9	66.9	67.1	67.2
≥ 7000	57.9	68.7	70.3	71.5	72.2	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.6	72.6	72.7	72.8
≥ 6000	59.7	71.2	72.8	74.1	74.7	74.7	74.7	74.7	74.7	74.7	75.0	75.0	75.1	75.1	75.3	75.4
≥ 5000	61.6	74.5	76.2	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.4	78.4	78.5	78.5	78.6	78.8
≥ 4500	62.8	75.8	77.6	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.7	79.7	79.8	79.8	80.0	80.1
≥ 4000	63.6	77.6	79.4	80.6	81.6	81.6	81.6	81.6	81.6	81.6	81.9	81.9	82.0	82.0	82.1	82.3
≥ 3500	66.0	80.5	82.4	84.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.5	85.5	85.6	85.8
≥ 3000	68.8	84.4	87.1	89.1	90.1	90.2	90.2	90.2	90.2	90.2	90.5	90.5	90.6	90.6	90.7	90.9
≥ 2500	69.8	86.0	88.7	90.9	91.8	91.9	91.9	91.9	91.9	91.9	92.2	92.2	92.3	92.3	92.5	92.6
≥ 2000	70.7	87.9	90.7	93.0	94.0	94.1	94.4	94.4	94.4	94.4	94.6	94.6	94.8	94.8	94.9	95.0
≥ 1800	71.1	88.3	91.1	93.4	94.4	94.5	94.8	94.8	94.8	94.8	95.0	95.0	95.2	95.2	95.3	95.4
≥ 1500	71.2	88.8	91.9	94.2	95.2	95.3	95.6	95.6	95.6	95.6	95.8	95.8	96.0	96.0	96.1	96.2
≥ 1200	71.2	88.8	92.3	94.6	95.7	95.8	96.1	96.1	96.1	96.1	96.4	96.4	96.5	96.5	96.6	96.8
≥ 1000	71.2	89.1	92.7	95.0	96.1	96.2	96.5	96.5	96.5	96.5	96.8	96.8	96.9	96.9	97.0	97.2
≥ 900	71.2	89.4	93.0	95.3	96.4	96.6	96.9	96.9	96.9	96.9	97.2	97.2	97.3	97.3	97.4	97.6
≥ 800	71.2	89.5	93.3	95.6	96.6	96.9	97.2	97.2	97.2	97.2	97.4	97.4	97.6	97.6	97.7	97.8
≥ 700	71.2	89.5	93.4	95.7	96.8	97.0	97.3	97.3	97.3	97.3	97.6	97.6	97.7	97.7	97.8	98.0
≥ 600	71.2	89.5	93.4	95.7	96.9	97.2	97.4	97.4	97.4	97.4	97.7	97.7	97.8	97.8	98.0	98.1
≥ 500	71.2	89.5	93.4	95.7	97.0	97.3	97.6	97.6	97.6	97.6	97.8	97.8	98.1	98.1	98.3	98.4
≥ 400	71.2	89.7	93.5	96.0	97.4	97.8	98.1	98.4	98.4	98.4	98.7	98.7	99.1	99.1	99.2	99.3
≥ 300	71.2	89.7	93.5	96.1	97.6	98.0	98.3	98.5	98.5	98.5	98.8	98.8	99.2	99.2	99.3	99.5
≥ 200	71.2	89.7	93.5	96.1	97.7	98.1	98.5	98.8	98.8	98.9	99.2	99.2	99.6	99.6	99.7	99.9
≥ 100	71.2	89.7	93.5	96.1	97.7	98.1	98.5	98.8	98.8	99.1	99.3	99.3	99.7	99.7	99.9	100.0
≥ 0	71.2	89.7	93.5	96.1	97.7	98.1	98.5	98.8	98.8	99.1	99.3	99.3	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAY — MONTH
0600-0800 — 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.6	44.9	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	46.0
≥ 20000	46.9	51.7	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	53.0
≥ 18000	46.9	51.7	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	53.0
≥ 16000	46.9	51.7	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	53.0
≥ 14000	47.0	52.6	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.8
≥ 12000	49.6	55.4	56.1	56.0	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.6
≥ 10000	52.2	58.3	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.5
≥ 9000	53.0	59.3	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.5
≥ 8000	57.7	65.2	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.7
≥ 7000	61.3	69.5	70.4	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.1
≥ 6000	63.9	72.2	73.1	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.8
≥ 5000	66.3	75.3	75.9	75.9	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.7
≥ 4500	67.5	76.3	77.3	77.3	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.2
≥ 4000	69.1	78.4	79.4	79.6	79.8	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.6
≥ 3500	71.5	81.7	82.8	82.9	83.2	83.2	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	84.0
≥ 3000	73.9	84.3	85.5	85.6	86.0	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.8
≥ 2500	75.3	86.0	87.2	87.4	87.8	87.8	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.7
≥ 2000	76.7	88.6	89.8	89.9	90.3	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5
≥ 1800	77.0	89.1	90.3	90.5	90.9	91.0	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.1
≥ 1500	77.8	89.9	91.3	91.4	91.8	91.9	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.3
≥ 1200	78.1	90.2	91.9	92.2	92.6	92.7	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.1
≥ 1000	78.6	91.5	93.7	94.0	94.5	94.6	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	96.1
≥ 900	78.6	91.7	93.8	94.5	95.0	95.3	95.8	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.8
≥ 800	79.6	91.7	93.8	94.5	95.0	95.4	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.9
≥ 700	78.6	91.7	93.8	94.5	95.2	95.7	96.2	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	97.2
≥ 600	78.6	91.9	94.1	94.9	95.7	96.4	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	98.0
≥ 500	78.6	91.9	94.1	95.2	96.0	96.9	97.4	98.3	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.7
≥ 400	78.6	91.9	94.1	95.4	96.2	97.2	97.7	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	99.2
≥ 300	78.6	91.9	94.1	95.4	96.4	97.3	98.0	98.5	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.6
≥ 200	78.6	91.9	94.1	95.4	96.4	97.3	98.1	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.7
≥ 100	78.6	91.9	94.1	95.4	96.4	97.3	98.1	98.7	98.7	99.3	99.3	99.3	99.5	99.5	99.5	100.0
≥ 0	78.6	91.9	94.1	95.4	96.4	97.3	98.1	98.7	98.7	99.3	99.3	99.3	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAY — MONTH
0900-1100 — 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.4	48.8	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	51.1	55.3	55.5	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
≥ 18000	51.1	55.3	55.5	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
≥ 16000	51.1	55.3	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	51.1	55.1	55.6	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
≥ 12000	54.0	58.5	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	59.4
≥ 10000	56.7	61.3	61.8	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000	58.2	62.8	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	62.1	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	63.9	69.5	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 6000	64.8	70.4	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 5000	66.9	73.3	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4500	69.4	75.8	76.5	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	71.9	78.9	79.6	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500	74.5	81.7	82.4	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	79.6	87.2	87.9	88.8	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	81.6	89.5	90.2	91.3	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	82.4	90.6	91.4	92.5	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	82.9	91.1	91.9	93.0	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	84.1	92.6	93.4	94.5	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	84.4	93.3	94.2	95.4	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	84.5	94.1	95.4	96.6	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	84.5	94.1	95.4	96.9	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	84.5	94.2	95.6	97.0	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3
≥ 700	84.5	94.4	95.7	97.2	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	84.5	94.5	95.8	97.4	97.7	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	84.5	94.6	96.1	97.7	98.0	98.5	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	84.5	94.6	96.1	97.7	98.0	98.5	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	84.5	94.6	96.2	97.8	98.1	98.7	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	84.5	94.6	96.2	97.8	98.1	98.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.5	94.6	96.2	97.8	98.1	98.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.5	94.6	96.2	97.8	98.1	98.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | MAY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-14

HOURS (L.S.T.

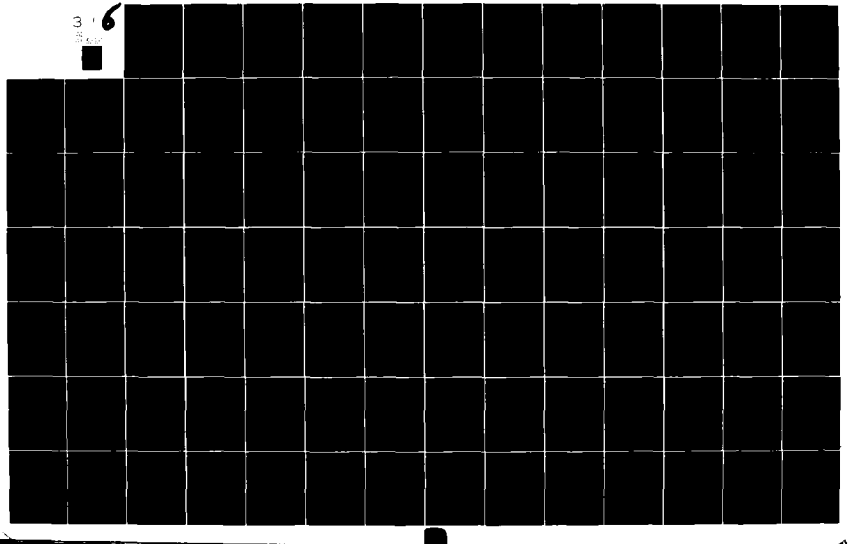
CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥
NO CEILING	44.6	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46
≥ 20000	51.3	52.6	52.6	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53
≥ 18000	51.1	52.8	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53
≥ 16000	51.2	53.0	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53
≥ 14000	51.9	53.2	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53
≥ 12000	54.7	56.6	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57
≥ 10000	59.1	61.4	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62
≥ 9000	60.9	62.8	62.8	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63
≥ 8000	63.4	66.5	66.5	66.9	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
≥ 7000	65.6	69.2	69.2	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.3	69.8	69
≥ 6000	68.9	72.2	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72
≥ 5000	73.4	77.0	77.0	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77
≥ 4500	75.7	79.3	79.3	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80
≥ 4000	78.2	82.1	82.1	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82
≥ 3500	81.7	86.0	86.2	86.6	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
≥ 3000	84.4	89.8	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91
≥ 2500	85.6	91.8	92.3	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93
≥ 2000	86.3	93.1	93.7	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95
≥ 1800	86.3	93.1	93.7	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95
≥ 1500	86.3	93.7	94.2	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96
≥ 1200	86.4	94.0	94.6	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96
≥ 1000	86.4	94.2	94.9	96.0	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97
≥ 900	86.6	94.6	95.4	96.5	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97
≥ 800	86.7	94.8	95.6	96.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97
≥ 700	86.7	94.9	95.7	96.9	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98
≥ 600	86.7	95.0	95.8	97.0	98.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98
≥ 500	86.7	95.2	96.0	97.2	98.1	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99
≥ 400	86.7	95.2	96.0	97.2	98.1	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99
≥ 300	86.7	95.4	96.2	97.4	98.5	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99
≥ 200	86.7	95.4	96.2	97.4	98.5	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 100	86.7	95.4	96.2	97.4	98.5	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 0	86.7	95.4	96.2	97.4	98.5	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS 7

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

AD-A113 224 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BURLINGTON IAP, VERMONT. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/006 SBI-AD-E850 139 NL



24

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | MAY
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.9	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 20000	48.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000	48.0	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 16000	48.1	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000	48.3	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 12000	51.2	53.6	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
≥ 10000	56.5	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	58.9	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 8000	64.5	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	68.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	70.3	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 5000	75.1	79.3	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	79.7
≥ 4500	76.5	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	79.6	85.2	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	83.1	89.1	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	84.7	91.5	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	85.5	92.5	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	86.8	94.5	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	86.8	94.8	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	86.8	95.0	96.0	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	86.8	95.3	96.2	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	86.8	95.8	96.8	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	86.8	96.0	96.9	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	86.8	96.0	96.9	97.8	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	86.8	96.1	97.2	98.1	98.5	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	86.8	96.1	97.2	98.1	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	86.8	96.2	97.3	98.3	98.9	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	86.8	96.2	97.3	98.3	98.9	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	86.8	96.2	97.3	98.3	98.9	99.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.8	96.2	97.3	98.3	98.9	99.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.8	96.2	97.3	98.3	98.9	99.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.8	96.2	97.3	98.3	98.9	99.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAY — MONTH
1800-2000 — 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000	49.7	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000	49.7	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 16000	49.7	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000	49.9	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	51.2	53.8	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
≥ 10000	56.2	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	58.5	61.3	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
≥ 8000	65.5	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 7000	69.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	72.1	77.1	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	75.9	81.8	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	77.6	84.1	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	80.1	87.5	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	81.7	89.6	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	83.3	91.6	92.6	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	83.8	92.5	93.5	94.1	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	84.1	93.0	94.2	94.7	95.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	84.1	93.3	94.6	95.1	95.6	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	84.5	93.7	95.1	95.7	96.2	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	84.5	94.2	95.8	96.4	96.9	97.2	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	84.5	94.3	96.1	96.6	97.2	97.4	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	84.5	94.5	96.4	96.9	97.4	97.7	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	84.5	94.5	96.4	96.9	97.4	97.7	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	84.5	94.6	96.5	97.0	97.7	98.0	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	84.5	94.6	96.5	97.0	97.8	98.1	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	84.5	94.7	96.6	97.2	98.0	98.2	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	84.5	94.7	96.6	97.2	98.0	98.2	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	84.5	94.7	96.6	97.4	98.2	98.5	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	84.5	94.7	96.6	97.4	98.2	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.5	94.7	96.6	97.4	98.2	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.5	94.7	96.6	97.4	98.2	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742

...L...AL CLIMATOLOGY BRANCH
...SAFETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 74-81 | MAY
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.1	51.1	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	50.5	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000	50.5	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 16000	50.5	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	50.5	56.0	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 12000	52.8	58.3	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 10000	54.2	61.3	61.8	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 9000	56.5	63.2	63.7	64.0	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	59.9	67.3	67.9	68.3	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	63.6	72.7	73.4	73.8	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	65.5	75.8	76.5	76.9	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	68.2	80.2	81.2	81.9	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	69.2	82.2	83.5	84.2	84.2	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	71.4	84.6	86.4	87.2	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	73.1	87.2	89.1	89.9	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	75.0	90.0	92.2	93.0	93.3	93.4	93.7	93.8	93.8	93.8	93.8	93.9	93.8	93.8	93.8	93.8
≥ 2500	75.2	90.4	92.7	93.7	93.9	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	75.7	91.1	93.8	94.7	95.4	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	75.7	91.1	93.9	94.9	95.5	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	75.8	91.6	94.7	95.7	96.4	96.5	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	76.1	92.2	95.3	96.2	97.0	97.2	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	76.1	92.4	95.5	96.6	97.6	97.7	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	76.1	92.6	95.7	97.3	98.1	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	76.1	92.6	95.7	97.3	98.1	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	76.1	92.7	95.8	97.4	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	76.1	92.7	95.8	97.4	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	76.1	92.7	95.8	97.4	98.4	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	76.1	92.7	96.0	97.6	98.5	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	76.1	92.7	96.0	97.8	98.8	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	76.1	92.7	96.0	97.8	98.8	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	76.1	92.7	96.0	97.8	98.8	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	76.1	92.7	96.0	97.8	98.8	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 741

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAY — MONTH
ALL — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.3	47.2	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0
≥ 20000	48.5	53.1	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 18000	48.5	53.1	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0
≥ 16000	48.6	53.2	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1
≥ 14000	48.7	53.5	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 12000	51.1	56.0	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0
≥ 10000	54.6	60.2	60.8	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4
≥ 9000	56.1	61.8	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.1
≥ 8000	60.2	66.6	67.3	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0
≥ 7000	63.5	70.8	71.6	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3
≥ 6000	65.4	73.4	74.2	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 5000	68.4	77.3	78.3	78.7	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1
≥ 4500	70.0	79.3	80.3	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2
≥ 4000	71.9	8 .0	83.1	33.6	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 3500	74.4	85.1	86.3	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.5
≥ 3000	76.9	88.3	89.7	90.5	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 2500	77.8	89.8	91.2	92.1	92.5	92.6	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.0
≥ 2000	78.6	91.1	92.7	93.7	94.1	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1800	78.8	91.5	93.1	94.0	94.5	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1
≥ 1500	79.2	92.1	93.9	94.9	95.4	95.5	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1
≥ 1200	79.3	92.5	94.5	95.5	96.1	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 1000	79.4	93.0	95.1	96.2	96.8	96.9	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6
≥ 900	79.4	93.1	95.3	96.5	97.1	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 800	79.4	93.2	95.4	96.6	97.2	97.4	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2
≥ 700	79.4	93.3	95.5	96.8	97.4	97.6	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 600	79.4	93.3	95.5	96.9	97.6	97.8	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.7
≥ 500	79.4	93.4	95.6	97.0	97.8	98.1	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.1
≥ 400	79.4	93.4	95.7	97.2	97.9	98.3	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4
≥ 300	79.4	93.5	95.7	97.3	98.1	98.5	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 200	79.4	93.5	95.7	97.3	98.1	98.5	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	79.4	93.5	95.7	97.3	98.1	98.5	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	79.4	93.5	95.7	97.3	98.1	98.5	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5947

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
JUN — 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.3	47.5	50.3	51.5	51.5	51.7	51.9	51.9	51.9	52.2	52.4	52.4	52.4	52.4	52.5	52.6
≥ 20000	37.2	50.4	53.8	55.4	55.4	55.6	55.8	55.8	55.8	56.1	56.3	56.3	56.3	56.3	56.4	56.5
≥ 18000	37.2	50.4	53.8	55.4	55.4	55.6	55.8	55.8	55.8	56.1	56.3	56.3	56.3	56.3	56.4	56.5
≥ 16000	37.2	50.4	53.8	55.4	55.4	55.6	55.8	55.8	55.8	56.1	56.3	56.3	56.3	56.3	56.4	56.5
≥ 14000	37.2	50.6	53.9	55.7	55.7	55.8	56.1	56.1	56.1	56.4	56.5	56.5	56.5	56.5	56.7	56.8
≥ 12000	37.8	52.6	56.7	58.5	58.5	58.6	58.9	58.9	58.9	59.2	59.3	59.3	59.3	59.3	59.4	59.6
≥ 10000	40.4	56.9	61.3	63.9	64.0	64.2	64.4	64.4	64.4	64.7	64.9	64.9	64.9	64.9	65.0	65.1
≥ 9000	41.1	57.8	62.1	64.7	64.9	65.0	65.3	65.3	65.3	65.6	65.7	65.7	65.7	65.7	65.8	66.0
≥ 8000	44.7	64.2	69.0	72.5	72.6	72.8	73.3	73.3	73.3	73.8	73.9	73.9	73.9	73.9	74.0	74.2
≥ 7000	46.7	67.1	72.6	76.5	76.7	76.8	77.4	77.4	77.4	77.8	77.9	77.9	77.9	77.9	78.1	78.2
≥ 6000	47.9	69.7	75.4	79.3	79.4	79.6	80.1	80.1	80.1	80.6	80.7	80.7	80.7	80.7	80.8	81.0
≥ 5000	49.2	71.8	77.8	81.7	81.8	81.9	82.5	82.8	82.8	83.2	83.3	83.3	83.3	83.3	83.5	83.6
≥ 4500	49.3	72.4	78.5	82.8	82.9	83.1	83.6	83.9	83.9	84.3	84.4	84.4	84.4	84.4	84.6	84.7
≥ 4000	49.9	73.5	79.6	84.1	84.2	84.3	85.0	85.3	85.3	85.7	85.8	85.8	85.8	85.8	86.0	86.1
≥ 3500	51.1	75.8	81.9	86.4	86.5	86.7	87.5	87.8	87.8	88.2	88.3	88.3	88.3	88.3	88.5	88.6
≥ 3000	51.8	77.1	84.1	89.0	89.3	89.4	90.3	90.6	90.6	91.0	91.1	91.1	91.1	91.1	91.3	91.4
≥ 2500	52.4	78.9	85.8	91.0	91.3	91.4	92.2	92.5	92.5	92.9	93.1	93.1	93.1	93.1	93.2	93.3
≥ 2000	52.5	79.3	87.1	92.2	92.5	92.8	93.6	93.9	93.9	94.3	94.4	94.4	94.4	94.4	94.6	94.7
≥ 1800	52.5	79.7	87.5	92.8	93.1	93.3	94.2	94.4	94.4	94.9	95.0	95.0	95.0	95.0	95.1	95.3
≥ 1500	52.8	79.7	87.8	93.1	93.6	93.9	94.7	95.1	95.1	95.6	95.7	95.7	95.7	95.7	95.8	96.0
≥ 1200	52.9	80.1	88.2	93.5	94.2	94.4	95.3	95.7	95.7	96.1	96.3	96.3	96.4	96.4	96.5	96.7
≥ 1000	52.9	80.6	88.9	94.3	95.1	95.4	96.3	96.7	96.7	97.1	97.4	97.4	97.5	97.5	97.6	97.8
≥ 900	52.9	81.0	89.3	94.9	95.7	96.0	96.8	97.2	97.2	97.6	97.9	97.9	98.1	98.1	98.2	98.3
≥ 800	52.9	81.0	89.4	95.1	96.0	96.3	97.1	97.5	97.5	97.9	98.2	98.2	98.3	98.3	98.5	98.6
≥ 700	52.9	81.1	89.6	95.4	96.3	96.5	97.4	97.8	97.8	98.2	98.5	98.5	98.6	98.6	98.8	98.9
≥ 600	52.9	81.1	89.7	95.6	96.4	96.7	97.5	97.9	97.9	98.3	98.6	98.6	98.8	98.8	98.9	99.0
≥ 500	52.9	81.1	89.7	95.6	96.4	96.7	97.5	98.1	98.1	98.5	98.8	98.8	98.9	98.9	99.0	99.2
≥ 400	52.9	81.1	89.7	95.7	96.5	96.8	97.6	98.2	98.2	98.6	98.9	98.9	99.0	99.0	99.2	99.3
≥ 300	52.9	81.3	89.9	96.1	96.9	97.2	98.1	98.6	98.6	99.0	99.3	99.3	99.4	99.4	99.6	99.7
≥ 200	52.9	81.3	89.9	96.1	96.9	97.2	98.1	98.6	98.6	99.0	99.3	99.3	99.6	99.6	99.7	99.9
≥ 100	52.9	81.3	89.9	96.1	96.9	97.2	98.1	98.6	98.6	99.0	99.3	99.3	99.6	99.6	99.7	99.9
≥ 0	52.9	81.3	89.9	96.1	96.9	97.2	98.1	98.6	98.6	99.0	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.1	41.4	43.3	45.4	45.4	45.8	46.4	46.4	46.4	46.4	46.5	46.5	46.9	46.9	46.9	47.4
≥ 20000	37.4	46.8	49.1	51.5	51.5	51.9	52.5	52.5	52.5	52.5	52.6	52.6	53.1	53.1	53.1	53.5
≥ 18000	37.4	46.8	49.1	51.5	51.5	51.9	52.5	52.5	52.5	52.5	52.6	52.6	53.1	53.1	53.1	53.5
≥ 16000	37.4	46.8	49.1	51.5	51.5	51.9	52.5	52.5	52.5	52.5	52.6	52.6	53.1	53.1	53.1	53.5
≥ 14000	38.2	48.1	50.3	52.8	52.8	53.2	53.8	53.8	53.8	53.8	53.9	53.9	54.3	54.3	54.3	54.7
≥ 12000	39.3	50.1	52.8	55.3	55.3	55.7	56.3	56.3	56.3	56.3	56.4	56.4	56.8	56.8	56.8	57.2
≥ 10000	41.3	52.9	56.0	58.5	58.5	58.9	59.4	59.4	59.4	59.4	59.6	59.6	60.0	60.0	60.0	60.4
≥ 9000	42.1	53.8	56.8	59.3	59.3	59.7	60.3	60.3	60.3	60.3	60.4	60.4	60.8	60.8	60.8	61.3
≥ 8000	46.0	59.4	62.8	65.6	65.7	66.1	66.9	66.9	66.9	66.9	67.1	67.1	67.6	67.6	67.6	68.1
≥ 7000	47.8	62.2	65.8	68.9	69.0	69.4	70.3	70.3	70.3	70.4	70.6	70.6	71.1	71.1	71.1	71.5
≥ 6000	48.9	64.2	68.1	71.3	71.4	71.8	72.6	72.6	72.6	72.8	72.9	72.9	73.5	73.5	73.5	73.9
≥ 5000	49.7	66.1	70.1	73.5	73.6	74.0	74.9	74.9	74.9	75.0	75.1	75.1	75.7	75.7	75.7	76.1
≥ 4500	51.1	68.3	72.6	76.1	76.3	76.7	77.5	77.5	77.5	77.6	77.8	77.8	78.3	78.3	78.3	78.8
≥ 4000	52.6	71.1	75.6	79.2	79.3	79.7	80.6	80.6	80.6	80.7	80.8	80.8	81.4	81.4	81.4	81.8
≥ 3500	53.6	73.2	77.6	81.4	81.7	82.1	83.1	83.1	83.1	83.2	83.3	83.3	83.9	83.9	83.9	84.3
≥ 3000	53.9	74.9	79.6	83.5	83.9	84.3	85.3	85.3	85.3	85.4	85.6	85.6	86.1	86.1	86.1	86.5
≥ 2500	55.1	76.9	81.7	85.7	86.1	86.5	87.5	87.5	87.5	87.6	87.8	87.8	88.3	88.3	88.3	88.8
≥ 2000	56.7	79.6	84.4	88.6	89.0	89.4	90.4	90.4	90.4	90.6	90.7	90.7	91.3	91.3	91.3	91.7
≥ 1800	56.9	79.7	84.6	88.8	89.2	89.6	90.6	90.6	90.6	90.7	90.8	90.8	91.4	91.4	91.4	91.8
≥ 1500	57.2	80.6	85.6	89.7	90.1	90.6	91.7	91.7	91.7	91.8	91.9	91.9	92.5	92.5	92.5	92.9
≥ 1200	57.2	80.7	85.7	90.0	90.4	90.8	91.9	91.9	91.9	92.1	92.2	92.2	92.8	92.8	92.8	93.2
≥ 1000	57.2	81.1	86.3	90.7	91.4	91.9	93.2	93.3	93.3	93.5	93.6	93.6	94.2	94.2	94.2	94.6
≥ 900	57.4	81.4	86.5	91.0	91.7	92.2	93.5	93.6	93.6	93.8	93.9	93.9	94.4	94.4	94.4	94.9
≥ 800	57.4	81.4	86.8	91.4	92.2	92.8	94.0	94.2	94.2	94.3	94.4	94.4	95.0	95.0	95.0	95.4
≥ 700	57.5	81.5	87.1	91.8	92.6	93.2	94.4	94.6	94.6	94.7	94.9	94.9	95.4	95.4	95.4	95.8
≥ 600	57.6	81.7	87.5	92.4	93.2	93.8	95.0	95.1	95.1	95.6	95.7	95.7	96.3	96.3	96.3	96.7
≥ 500	57.6	81.7	87.5	92.5	93.6	94.3	95.8	96.1	96.1	96.7	96.8	96.8	97.4	97.4	97.4	97.8
≥ 400	57.6	81.7	87.5	92.5	93.6	94.3	95.8	96.1	96.3	96.9	97.1	97.1	97.6	97.6	97.6	98.1
≥ 300	57.6	81.7	87.5	92.5	93.8	94.4	96.0	96.5	96.7	97.4	97.5	97.5	98.1	98.1	98.1	98.5
≥ 200	57.6	81.7	87.5	92.9	94.2	94.9	96.7	97.4	97.5	98.2	98.3	98.3	98.9	98.9	99.0	99.4
≥ 100	57.6	81.7	87.5	92.9	94.2	94.9	96.8	97.5	97.6	98.3	98.5	98.5	99.3	99.3	99.4	99.9
≥ 0	57.6	81.7	87.5	92.9	94.2	94.9	96.8	97.5	97.6	98.3	98.5	98.5	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | JUN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.4	40.0	41.0	42.1	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.5	43.5	43.6	43.6
≥ 20000	37.5	44.6	46.1	47.1	48.5	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.6	49.6
≥ 18000	37.5	44.6	46.1	47.1	48.5	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.6	49.6
≥ 16000	37.5	44.6	46.0	47.1	48.5	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.6	49.6
≥ 14000	38.3	45.7	47.1	48.2	49.6	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.6	50.6	50.7	50.7
≥ 12000	39.7	47.2	48.6	49.7	51.5	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.8	52.8
≥ 10000	41.3	50.1	51.8	53.1	55.0	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.3	56.3	56.4	56.5
≥ 9000	41.5	50.8	52.6	53.9	55.8	56.7	56.8	56.8	56.8	56.8	56.8	56.8	57.1	57.1	57.2	57.4
≥ 8000	45.7	56.4	58.2	59.4	61.5	62.4	62.8	62.8	62.8	62.8	62.8	62.8	63.1	63.1	63.2	63.3
≥ 7000	47.6	59.4	61.3	62.5	64.6	65.4	65.8	65.8	65.8	65.8	65.8	65.8	66.1	66.1	66.3	66.4
≥ 6000	49.8	62.2	64.0	65.4	67.5	68.3	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.2	69.3
≥ 5000	51.1	64.9	66.7	68.3	70.4	71.3	71.7	71.7	71.7	71.8	71.8	71.8	72.1	72.1	72.2	72.4
≥ 4500	52.7	66.9	68.8	70.6	72.6	73.5	73.9	73.9	73.9	74.0	74.0	74.0	74.3	74.3	74.4	74.6
≥ 4000	55.3	69.7	71.5	73.3	75.6	76.4	76.9	76.9	76.9	77.1	77.1	77.1	77.4	77.4	77.5	77.6
≥ 3500	57.1	71.7	73.5	75.7	78.1	78.9	79.6	79.6	79.6	79.7	79.7	79.7	80.0	80.0	80.1	80.3
≥ 3000	58.6	74.2	76.3	78.6	81.0	81.8	82.9	82.9	82.9	83.1	83.1	83.1	83.3	83.3	83.5	83.6
≥ 2500	59.6	75.3	77.5	80.0	82.4	83.2	84.3	84.3	84.3	84.4	84.4	84.4	84.7	84.7	84.9	85.0
≥ 2000	62.6	79.6	82.2	84.9	87.5	88.3	89.6	89.6	89.6	89.7	89.7	89.7	90.0	90.0	90.1	90.3
≥ 1800	62.6	79.7	82.4	85.1	87.8	88.6	89.9	89.9	89.9	90.0	90.0	90.0	90.3	90.3	90.4	90.6
≥ 1500	63.5	80.6	83.2	86.0	88.8	89.6	91.0	91.0	91.0	91.1	91.1	91.1	91.4	91.4	91.5	91.7
≥ 1200	63.9	81.3	84.1	87.1	89.9	90.7	92.1	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.8	92.9
≥ 1000	64.3	81.7	84.4	87.5	90.4	91.3	92.6	92.8	92.8	92.9	92.9	92.9	93.2	93.2	93.3	93.5
≥ 900	64.2	81.8	84.6	87.6	90.6	91.4	92.8	92.9	92.9	93.1	93.1	93.1	93.3	93.3	93.5	93.6
≥ 800	64.2	82.1	84.9	88.1	91.0	91.8	93.3	93.5	93.5	93.8	93.8	93.8	94.0	94.0	94.2	94.3
≥ 700	64.2	82.2	85.1	88.5	91.4	92.2	93.8	93.9	93.9	94.3	94.3	94.3	94.6	94.6	94.7	94.9
≥ 600	64.4	82.6	85.6	88.9	91.9	92.9	94.9	95.0	95.0	95.4	95.4	95.4	95.7	95.7	95.8	96.0
≥ 500	64.4	82.6	85.6	89.3	93.1	94.0	96.5	96.7	96.7	97.1	97.1	97.1	97.4	97.4	97.5	97.6
≥ 400	64.4	82.6	85.7	89.7	93.5	94.4	96.9	97.2	97.2	97.8	97.9	97.9	98.2	98.2	98.3	98.5
≥ 300	64.6	82.8	85.8	89.9	93.6	94.7	97.2	97.6	97.6	98.5	98.6	98.6	98.9	98.9	99.0	99.2
≥ 200	64.6	82.8	85.8	90.0	93.8	94.9	97.4	97.8	97.8	98.9	99.2	99.2	99.4	99.4	99.6	99.7
≥ 100	64.6	82.8	85.8	90.0	93.8	94.9	97.4	97.8	97.8	98.9	99.2	99.2	99.4	99.4	99.7	99.9
≥ 0	64.6	82.8	85.8	90.0	93.8	94.9	97.4	97.8	97.8	98.9	99.2	99.2	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 723

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | JUN
STATION | STATION NAME | YEARS | MONTH

0930-1100
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	34.7	41.8	42.9	43.2	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	38.3	46.9	48.3	48.8	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	38.3	46.9	48.3	48.8	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 16000	38.3	46.9	48.3	48.8	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	38.3	46.9	48.3	48.8	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 12000	40.3	50.4	52.1	52.5	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 10000	42.9	54.2	56.3	57.1	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 9000	44.3	56.1	58.6	59.4	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4
≥ 8000	48.1	61.3	63.8	64.6	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
≥ 7000	49.2	63.1	65.6	66.7	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6
≥ 6000	50.4	64.9	67.4	68.5	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥ 5000	51.3	66.9	69.4	70.6	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 4500	52.5	67.8	70.4	71.5	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5
≥ 4000	54.9	70.7	73.5	74.6	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7
≥ 3500	57.6	74.0	76.8	78.1	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.3
≥ 3000	60.6	78.2	81.4	82.6	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 2500	61.7	80.8	84.0	85.7	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1
≥ 2000	63.6	83.8	87.1	88.9	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3
≥ 1800	63.8	84.0	87.5	89.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 1500	64.6	85.4	88.9	90.7	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1200	65.8	87.6	91.1	93.3	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3
≥ 1000	65.8	87.6	91.3	93.6	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.7
≥ 900	65.8	87.8	91.4	93.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 800	65.8	88.2	92.1	94.6	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8
≥ 700	65.8	88.5	92.5	95.0	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 600	65.8	88.5	92.6	95.1	97.8	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 500	65.9	88.6	92.8	95.4	98.1	98.8	99.0	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 400	65.8	88.6	92.8	95.4	98.1	98.8	99.2	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	65.8	88.6	92.8	95.4	98.1	98.8	99.2	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	65.8	88.6	92.8	95.4	98.1	98.8	99.2	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	65.8	88.6	92.8	95.4	98.1	98.8	99.2	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	65.8	88.6	92.8	95.4	98.1	98.8	99.2	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
JUN — MONTH
1200-1400 — 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.6	41.7	41.8	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
≥ 20000	41.9	49.4	49.6	50.6	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 18000	41.9	49.4	49.6	50.6	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 16000	41.9	49.4	49.6	50.6	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	42.1	49.7	49.9	50.8	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 12000	44.9	53.5	53.8	54.7	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000	49.0	58.6	58.9	60.1	60.7	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	49.3	59.0	59.6	60.8	61.8	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000	53.3	64.7	65.4	66.9	67.9	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 7000	55.7	67.4	68.5	70.1	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	56.9	69.6	70.7	72.4	73.6	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	58.6	71.3	72.4	74.0	75.3	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	60.4	73.3	74.6	76.3	77.6	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	63.3	76.8	78.2	80.3	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	66.3	79.9	81.5	83.8	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	68.8	83.8	86.1	88.6	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	70.1	85.7	88.3	91.0	92.8	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	71.1	87.5	90.1	92.8	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	71.1	87.6	90.3	92.9	94.7	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	71.8	88.5	91.3	93.9	95.8	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	72.1	88.9	91.7	94.4	96.8	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	72.1	89.3	92.1	95.0	97.5	97.9	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	72.1	89.4	92.2	95.3	97.8	98.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	72.1	89.4	92.2	95.3	97.8	98.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	72.1	89.6	92.4	95.4	98.2	98.6	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	72.1	89.6	92.4	95.4	98.3	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	72.1	89.6	92.4	95.4	98.5	98.9	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	72.1	89.6	92.4	95.4	98.5	98.9	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	72.1	89.6	92.4	95.4	98.5	98.9	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	72.1	89.6	92.4	95.4	98.5	98.9	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.1	89.6	92.4	95.4	98.5	98.9	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.1	89.6	92.4	95.4	98.5	98.9	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
JUN — MONTH
1500-1700 — 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.1	43.8	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 20000	45.7	51.8	51.9	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000	45.8	52.1	52.2	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 16000	45.8	52.1	52.2	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 14000	46.0	52.2	52.4	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 12000	48.2	55.1	55.3	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 10000	51.0	58.8	59.6	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 9000	52.9	60.7	61.5	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	58.6	67.4	68.2	69.4	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 7000	60.4	69.4	70.4	71.8	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	61.7	71.3	72.4	73.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	64.4	74.4	75.6	76.9	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	66.4	77.4	78.6	80.0	80.7	80.8	80.8	80.8	80.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	69.2	81.8	83.1	84.7	86.0	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	71.5	84.3	85.6	87.2	88.5	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	73.1	86.8	88.2	90.1	91.4	91.5	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	74.2	88.8	90.3	92.4	93.6	93.8	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	74.7	89.6	91.1	93.6	94.9	95.3	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	74.9	89.7	91.3	93.8	95.0	95.4	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	74.9	89.9	91.5	94.0	95.3	95.7	96.7	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	75.1	90.3	91.9	94.7	96.1	96.5	97.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	75.1	90.4	92.1	95.0	96.7	97.5	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	75.1	90.4	92.1	95.1	96.8	97.6	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	75.1	90.4	92.1	95.3	96.9	97.8	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	75.1	90.4	92.1	95.3	96.9	97.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	75.1	90.4	92.1	95.3	96.9	97.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 500	75.1	90.4	92.1	95.3	96.9	97.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 400	75.1	90.4	92.1	95.3	96.9	97.9	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	75.1	90.4	92.1	95.3	96.9	98.1	99.3	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	75.1	90.4	92.1	95.3	96.9	98.1	99.3	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	75.1	90.4	92.1	95.3	96.9	98.1	99.3	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	75.1	90.4	92.1	95.3	96.9	98.1	99.3	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.7	40.4	40.6	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	44.2	49.3	49.4	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 18000	44.3	49.4	49.6	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000	44.3	49.4	49.6	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 14000	44.3	49.4	49.6	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000	46.8	52.1	52.2	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000	50.6	57.2	57.6	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	51.9	58.6	59.0	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	56.3	64.7	65.1	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	60.0	69.0	69.6	70.3	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 6000	61.3	71.7	72.2	72.9	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	65.3	76.3	76.9	77.6	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	68.2	80.1	80.8	81.8	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	70.0	83.3	84.2	85.1	86.1	86.1	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	72.5	86.7	87.5	88.6	89.6	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	74.0	88.9	90.3	91.5	92.8	92.8	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	74.4	90.0	91.5	92.9	94.2	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	74.4	90.6	92.4	93.9	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	74.8	91.0	92.8	94.3	95.7	95.7	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	75.4	92.2	94.0	95.6	96.9	96.9	97.6	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	75.3	92.6	94.4	96.0	97.4	97.5	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	75.3	92.6	94.4	96.0	97.4	97.5	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	75.3	92.8	94.6	96.1	97.6	97.8	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	75.3	92.8	94.6	96.1	97.6	97.8	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	75.3	92.9	94.7	96.3	97.8	97.9	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	75.3	92.9	94.7	96.3	97.8	97.9	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	75.3	92.9	94.7	96.3	97.8	97.9	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	75.3	92.9	94.7	96.4	97.9	98.1	98.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	75.3	92.9	94.7	96.4	97.9	98.2	98.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	75.3	92.9	94.7	96.4	97.9	98.2	98.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.3	92.9	94.7	96.4	97.9	98.2	98.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.3	92.9	94.7	96.4	97.9	98.2	98.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	JUN	2130-2300
STATION	STATION NAME	YEARS	MONTH	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.6	45.7	47.5	48.1	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	41.3	49.4	51.3	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 18000	41.3	49.6	51.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	41.3	49.6	51.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	41.3	49.6	51.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	42.2	50.6	52.5	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 10000	45.4	56.3	58.9	59.9	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 9000	46.5	57.4	60.1	61.1	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 8000	50.7	63.5	66.5	67.8	68.6	68.6	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000	54.4	68.5	71.5	72.8	73.6	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	56.7	71.1	74.2	75.7	76.5	76.5	76.7	76.7	76.7	76.8	76.8	76.9	76.8	76.8	76.8	76.8
≥ 5000	59.1	74.2	77.4	79.0	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500	60.0	77.1	80.4	82.2	83.1	83.1	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	61.3	79.7	83.5	85.3	86.7	86.8	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	62.6	81.9	85.7	87.5	88.9	89.0	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	64.4	84.0	88.3	90.3	91.7	91.8	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	64.6	84.4	88.9	90.8	92.6	92.8	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	64.9	85.1	89.6	91.9	93.8	93.9	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	64.9	85.7	90.1	92.5	94.3	94.4	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	65.0	86.9	91.4	93.8	96.1	96.3	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	65.3	87.4	92.1	94.6	97.1	97.2	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	65.3	88.1	92.9	95.4	98.1	98.2	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	65.3	88.2	93.1	95.6	98.2	98.3	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	65.3	88.2	93.1	95.6	98.2	98.3	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	65.3	88.2	93.1	95.6	98.2	98.3	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	65.3	88.2	93.1	95.6	98.2	98.3	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	65.3	88.2	93.1	95.6	98.2	98.5	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	65.3	88.2	93.1	95.6	98.2	98.5	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	65.3	88.2	93.2	95.7	98.3	98.6	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	65.3	88.2	93.3	95.7	98.5	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.3	88.2	93.3	95.7	98.5	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.3	88.2	93.2	95.7	98.5	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

AL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	BURLINGTON INTL VT	73-80	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.): ALL

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.1	42.8	43.9	44.8	45.1	45.2	45.3	45.3	45.3	45.3	45.4	45.4	45.5	45.5	45.5	45.6
≥ 20000	40.4	48.6	49.9	51.0	51.5	51.7	51.8	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.1
≥ 18000	40.5	48.7	50.0	51.0	51.5	51.8	51.9	51.9	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.2
≥ 17000	40.5	48.7	50.0	51.0	51.5	51.8	51.9	51.9	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.2
≥ 14000	40.7	49.0	50.3	51.4	51.9	52.2	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.5	52.6
≥ 12000	42.4	51.5	53.0	54.0	54.6	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.3
≥ 11000	45.2	55.6	57.5	58.9	59.5	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.2	60.3
≥ 9000	46.2	56.8	58.8	60.1	60.9	61.1	61.3	61.3	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.6
≥ 8000	50.9	62.7	64.9	66.5	67.3	67.6	67.9	67.9	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.2
≥ 7000	52.7	65.8	68.2	69.9	70.8	71.1	71.3	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.7
≥ 6000	54.3	68.1	71.5	72.4	73.2	73.5	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.1	74.2
≥ 5000	56.1	70.7	73.3	75.2	76.1	76.4	76.7	76.7	76.7	76.8	76.8	76.8	76.9	76.9	77.0	77.1
≥ 4500	57.6	72.9	75.6	77.7	78.6	78.9	79.2	79.2	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.6
≥ 4000	59.9	75.8	78.6	80.8	81.9	82.3	82.7	82.7	82.7	82.8	82.9	82.9	83.0	83.0	83.0	83.1
≥ 3500	61.9	78.4	81.3	83.6	84.8	85.1	85.6	85.6	85.6	85.7	85.8	85.8	85.9	85.9	85.9	86.0
≥ 3000	63.1	81.0	84.3	86.8	88.1	88.4	89.0	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.4	89.5
≥ 2500	64.1	82.6	86.0	88.7	90.0	90.4	91.0	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.4	91.5
≥ 2000	65.1	84.4	88.0	90.9	92.2	92.6	93.3	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.8
≥ 1800	65.2	84.7	88.3	91.2	92.6	93.0	93.7	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.1	94.2
≥ 1500	65.6	85.5	89.2	92.1	93.6	94.0	94.8	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.3
≥ 1200	65.7	86.1	89.9	93.0	94.7	95.1	95.8	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.4
≥ 1000	65.9	86.4	90.3	93.4	95.3	95.8	96.6	96.8	96.8	96.9	97.0	97.0	97.1	97.1	97.2	97.3
≥ 900	66.0	86.6	90.5	93.7	95.6	96.0	96.9	97.1	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.6
≥ 800	66.0	86.7	90.6	93.9	95.8	96.3	97.2	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.8	97.9
≥ 700	66.0	86.8	90.8	94.1	96.1	96.6	97.4	97.7	97.7	97.9	97.9	97.9	98.1	98.1	98.1	98.3
≥ 600	66.0	86.9	91.0	94.3	96.3	96.8	97.7	98.0	98.0	98.3	98.3	98.3	98.5	98.5	98.5	98.6
≥ 500	66.1	86.9	91.0	94.4	96.6	97.1	98.2	98.5	98.5	98.8	98.9	98.9	99.0	99.0	99.1	99.2
≥ 400	66.1	86.9	91.1	94.5	96.6	97.2	98.3	98.7	98.7	99.0	99.1	99.1	99.2	99.3	99.3	99.4
≥ 300	66.1	86.9	91.0	94.6	96.8	97.4	98.4	98.9	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.7
≥ 200	66.1	86.9	91.0	94.7	96.8	97.4	98.6	99.0	99.0	99.5	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	66.0	86.9	91.1	94.7	96.8	97.4	98.6	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.9
≥ 0	66.0	86.9	91.0	94.7	96.8	97.4	98.6	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.2	48.9	52.7	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
≥ 20000	39.9	55.8	58.5	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4
≥ 18000	39.9	55.8	58.5	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4
≥ 16000	40.1	55.9	58.6	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6
≥ 14000	40.2	56.5	59.1	61.7	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1
≥ 12000	42.3	60.5	63.3	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3
≥ 10000	45.1	64.9	67.7	70.7	70.8	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2
≥ 9000	45.3	65.7	68.5	71.5	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 8000	48.0	71.1	74.3	77.4	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.0
≥ 7000	49.7	73.5	77.0	80.4	80.5	80.5	80.8	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 6000	51.1	75.4	79.2	82.5	82.7	82.7	82.9	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 5000	52.9	77.7	81.6	85.1	85.3	85.3	85.6	85.6	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 4500	53.1	78.5	82.4	86.0	86.4	86.4	86.7	86.7	86.7	86.8	86.8	86.8	87.0	87.0	87.0	87.0
≥ 4000	53.6	80.9	85.5	89.2	89.9	89.9	90.3	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 3500	54.4	82.5	87.4	91.1	91.8	91.8	92.2	92.2	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.5
≥ 3000	55.4	84.7	89.9	93.8	94.5	94.5	94.9	94.9	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.2
≥ 2500	55.6	85.3	90.6	94.5	95.4	95.4	95.8	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 2000	55.8	85.6	90.9	94.8	95.7	95.7	96.2	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1800	55.8	85.6	90.9	94.8	95.7	95.7	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 1500	55.9	85.8	91.0	95.0	96.4	96.4	97.0	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 1200	55.9	85.8	91.0	95.3	96.6	96.6	97.3	97.3	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 1000	55.9	85.8	91.0	95.3	96.6	96.6	97.3	97.3	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 900	55.9	85.8	91.0	95.3	96.6	96.9	97.6	97.6	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 800	55.9	85.8	91.0	95.3	96.8	97.0	97.7	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 700	55.9	85.8	91.0	95.3	97.0	97.3	98.1	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 600	55.9	85.9	91.1	95.4	97.2	97.4	98.3	98.3	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.7
≥ 500	55.9	85.9	91.3	95.7	97.4	97.7	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	55.9	85.9	91.3	95.7	97.4	97.8	98.9	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 300	55.9	85.9	91.3	95.7	97.6	98.0	99.1	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5
≥ 200	55.9	85.9	91.3	95.7	97.6	98.0	99.1	99.1	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6
≥ 100	55.9	85.9	91.3	95.7	97.6	98.0	99.1	99.1	99.1	99.3	99.5	99.5	99.6	99.6	100.0	100.0
≥ 0	55.9	85.9	91.3	95.7	97.6	98.0	99.1	99.1	99.1	99.3	99.5	99.5	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.9	43.0	45.2	47.0	47.3	47.4	47.6	47.6	47.6	47.7	47.7	47.7	48.1	48.1	48.1	48.4
≥ 20000	37.4	47.3	50.1	53.2	53.9	54.0	54.2	54.2	54.2	54.3	54.3	54.3	54.7	54.7	54.7	55.0
≥ 18000	37.5	47.4	50.3	53.4	54.0	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.8	54.8	54.8	55.1
≥ 16000	37.8	47.7	50.5	53.6	54.3	54.4	54.6	54.6	54.6	54.7	54.7	54.7	55.1	55.1	55.1	55.4
≥ 14000	38.2	48.3	51.1	54.2	54.8	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.6	55.6	55.6	55.9
≥ 12000	40.2	51.9	55.1	58.3	59.0	59.1	59.3	59.3	59.3	59.4	59.4	59.4	59.9	59.9	59.9	60.2
≥ 10000	43.5	57.3	60.5	64.1	64.8	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.7	65.7	65.7	66.0
≥ 9000	44.0	58.2	61.4	65.2	65.9	66.0	66.1	66.1	66.1	66.3	66.3	66.3	66.8	66.8	66.8	67.1
≥ 8000	46.5	63.0	66.7	70.7	71.4	71.5	71.6	71.8	71.8	71.9	71.9	71.9	72.4	72.4	72.4	72.7
≥ 7000	49.1	67.1	70.8	75.0	75.7	75.8	75.9	76.2	76.2	76.3	76.3	76.3	76.9	76.9	76.9	77.2
≥ 6000	50.4	68.8	72.7	76.9	77.6	77.7	77.8	78.1	78.1	78.2	78.2	78.2	78.8	78.8	78.8	79.0
≥ 5000	52.4	71.8	75.8	80.2	80.9	81.0	81.2	81.5	81.5	81.6	81.6	81.6	82.1	82.1	82.1	82.4
≥ 4500	53.2	73.8	78.1	82.5	83.5	83.6	83.9	84.1	84.1	84.3	84.3	84.3	84.8	84.8	84.8	85.1
≥ 4000	53.9	75.7	80.4	85.8	86.7	86.8	87.1	87.4	87.4	87.5	87.5	87.5	88.0	88.0	88.0	88.3
≥ 3500	55.2	77.4	82.1	87.5	88.4	88.6	88.8	89.1	89.1	89.2	89.2	89.2	89.8	89.8	89.8	90.1
≥ 3000	56.6	79.8	84.8	90.6	91.9	92.2	92.7	93.1	93.1	93.3	93.3	93.3	93.8	93.8	93.8	94.1
≥ 2500	56.7	80.1	85.1	91.0	92.3	92.6	93.3	93.7	93.7	93.8	93.8	93.8	94.4	94.4	94.4	94.6
≥ 2000	57.0	81.2	86.4	92.5	94.0	94.2	94.9	95.3	95.3	95.4	95.4	95.4	96.0	96.0	96.0	96.2
≥ 1800	57.0	81.3	86.6	92.6	94.1	94.4	95.0	95.4	95.4	95.6	95.6	95.6	96.1	96.1	96.1	96.4
≥ 1500	57.3	82.1	87.4	93.4	95.0	95.3	96.0	96.4	96.4	96.6	96.6	96.6	97.2	97.2	97.2	97.4
≥ 1200	57.3	82.1	87.4	93.4	95.0	95.3	96.0	96.4	96.4	96.8	96.8	96.8	97.3	97.3	97.3	97.6
≥ 1000	57.3	82.3	87.5	93.5	95.2	95.4	96.1	96.5	96.5	97.0	97.0	97.0	97.6	97.6	97.6	97.8
≥ 900	57.3	82.3	87.6	93.7	95.3	95.8	96.5	96.9	96.9	97.4	97.4	97.4	98.0	98.0	98.0	98.3
≥ 800	57.3	82.3	87.6	93.7	95.3	95.8	96.5	96.9	96.9	97.4	97.4	97.4	98.0	98.0	98.0	98.3
≥ 700	57.3	82.3	87.6	93.7	95.4	96.0	97.2	97.6	97.6	98.1	98.1	98.1	98.7	98.7	98.7	98.9
≥ 600	57.3	82.3	87.6	93.7	95.4	96.0	97.2	97.7	97.7	98.3	98.3	98.3	98.8	98.8	98.8	99.1
≥ 500	57.3	82.3	87.6	93.8	95.7	96.2	97.4	98.0	98.0	98.7	98.7	98.7	99.2	99.2	99.2	99.5
≥ 400	57.3	82.3	87.6	93.8	95.7	96.2	97.4	98.0	98.0	98.7	98.7	98.7	99.2	99.2	99.2	99.5
≥ 300	57.3	82.3	87.6	93.8	95.7	96.2	97.8	98.4	98.4	99.1	99.1	99.1	99.6	99.6	99.6	99.9
≥ 200	57.3	82.3	87.6	93.8	95.7	96.2	97.8	98.4	98.4	99.1	99.1	99.1	99.6	99.6	99.6	99.9
≥ 100	57.3	82.3	87.6	93.8	95.7	96.2	97.8	98.4	98.4	99.1	99.1	99.1	99.6	99.6	99.7	100.0
≥ 0	57.3	82.3	87.6	93.8	95.7	96.2	97.8	98.4	98.4	99.1	99.1	99.1	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 741

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

0600-0800
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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.7	46.5	47.2	48.3	49.5	49.9	49.9	50.0	50.0	50.1	50.1	50.1	50.3	50.3	50.3	50.3
≥ 20000	42.1	51.2	51.9	53.5	55.6	56.0	56.0	56.2	56.2	56.3	56.3	56.3	56.5	56.5	56.5	56.5
≥ 18000	42.1	51.2	51.9	53.5	55.6	56.0	56.0	56.2	56.2	56.3	56.3	56.3	56.5	56.5	56.5	56.5
≥ 16000	42.1	51.2	51.9	53.5	55.6	56.0	56.0	56.2	56.2	56.3	56.3	56.3	56.5	56.5	56.5	56.5
≥ 14000	42.6	51.9	52.6	54.2	56.3	56.7	56.7	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 12000	44.4	55.1	56.2	57.8	60.1	60.5	60.5	60.8	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0
≥ 10000	45.7	58.7	60.1	61.7	64.1	64.5	64.9	65.2	65.2	65.5	65.5	65.5	65.6	65.6	65.6	65.6
≥ 9000	46.2	59.5	60.9	62.5	64.9	65.3	65.9	66.1	66.1	66.4	66.4	66.4	66.5	66.5	66.5	66.5
≥ 8000	48.7	63.0	64.9	66.7	69.2	69.6	70.2	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 7000	51.9	67.1	69.1	70.8	73.4	73.8	74.5	74.7	74.7	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 6000	53.1	69.1	71.6	73.5	76.1	76.6	77.3	77.6	77.6	78.0	78.0	78.0	78.1	78.1	78.1	78.1
≥ 5000	55.4	72.2	75.1	77.6	80.1	80.6	81.3	81.6	81.6	82.0	82.0	82.0	82.1	82.1	82.1	82.1
≥ 4500	55.8	72.8	75.8	78.2	80.9	81.5	82.4	82.7	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 4000	57.4	75.7	78.8	81.2	84.0	84.5	85.5	85.8	85.8	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 3500	59.5	78.4	81.6	84.0	87.0	87.5	88.4	88.7	88.7	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 3000	61.4	81.6	85.1	87.5	90.5	91.3	92.2	92.5	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 2500	62.0	82.7	86.3	88.8	91.8	92.6	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.8	94.8	94.8
≥ 2000	63.0	84.1	87.9	90.7	93.7	94.6	96.0	96.2	96.2	96.6	96.6	96.6	96.8	96.8	96.8	96.8
≥ 1800	63.3	84.4	88.2	91.0	94.0	94.9	96.2	96.5	96.5	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1500	64.0	85.2	89.0	91.8	94.8	95.7	97.0	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1200	64.0	85.2	89.0	91.8	94.9	95.8	97.3	97.6	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1000	64.3	85.6	89.5	92.3	95.4	96.4	97.8	98.1	98.1	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 900	64.3	85.6	89.5	92.5	95.6	96.5	98.1	98.4	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 800	64.0	85.6	89.5	92.5	95.6	96.5	98.1	98.4	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 700	64.0	85.6	89.5	92.5	95.6	96.5	98.1	98.4	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 600	64.0	85.6	89.5	92.5	95.6	96.6	98.3	98.5	98.5	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	64.0	85.6	89.5	92.6	95.8	96.9	98.5	98.8	98.8	99.3	99.3	99.3	99.5	99.5	99.5	99.5
≥ 400	64.0	85.6	89.7	92.7	96.0	97.0	98.8	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	64.0	85.6	89.7	92.9	96.1	97.2	98.9	99.2	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	64.0	85.6	89.7	92.9	96.1	97.2	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	64.0	85.6	89.7	92.9	96.1	97.2	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	64.3	85.6	89.7	92.9	96.1	97.2	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.4	47.2	48.5	48.3	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	43.3	52.6	53.5	53.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	43.3	52.6	53.5	53.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000	44.1	52.6	53.5	54.0	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000	44.5	53.2	54.2	54.4	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000	47.1	57.0	58.1	58.5	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 10000	49.6	61.3	62.5	62.9	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	51.3	63.4	64.7	65.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	54.6	67.5	69.1	69.5	71.5	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	56.7	70.7	72.3	72.7	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000	57.0	71.2	73.4	73.8	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	59.1	73.9	76.2	76.7	79.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500	60.1	75.1	77.4	78.0	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	61.7	77.6	80.5	81.3	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 3500	64.0	80.6	83.6	84.7	87.1	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0
≥ 3000	66.3	84.1	87.1	88.2	90.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 2500	67.1	85.9	89.0	90.1	92.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0
≥ 2000	67.9	87.4	90.9	92.1	94.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4
≥ 1800	67.9	87.5	91.0	92.2	94.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1500	67.9	89.0	92.5	93.7	96.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1200	68.1	89.7	93.1	94.4	97.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1000	68.3	90.1	93.5	94.9	97.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	68.3	90.1	93.5	94.9	97.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	68.3	90.1	93.5	94.9	97.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	68.3	90.1	93.5	95.0	97.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 600	68.3	90.1	93.5	95.0	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	68.3	90.1	93.5	95.0	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	68.3	90.1	93.5	95.0	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	68.3	90.1	93.5	95.0	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	68.3	90.1	93.5	95.0	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	68.3	90.1	93.5	95.0	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	68.3	90.1	93.5	95.0	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | JUL

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.2	47.3	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.8
≥ 20000	47.4	56.2	56.6	56.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	47.4	56.2	56.6	56.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	47.4	56.2	56.6	56.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	47.8	56.6	57.0	57.0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 12000	50.5	59.9	60.3	60.3	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 10000	52.7	64.1	64.7	65.1	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	54.0	65.5	66.0	66.4	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	56.9	69.9	70.6	71.1	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	59.8	73.4	74.1	74.6	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	61.9	75.5	76.2	76.7	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	64.5	78.9	79.6	80.1	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	66.1	80.6	81.3	81.9	82.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	69.1	85.9	86.8	87.5	89.0	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	71.4	89.1	90.3	91.3	92.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	72.6	91.0	92.3	93.3	95.0	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	73.1	91.7	93.1	94.1	95.8	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	73.7	92.7	94.5	95.4	97.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	73.8	92.9	94.6	95.6	97.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	73.8	93.3	95.0	96.0	97.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	73.8	93.4	95.2	96.1	97.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	73.8	93.4	95.3	96.2	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	73.8	93.4	95.3	96.2	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	73.9	93.5	95.4	96.4	98.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	73.9	93.5	95.4	96.4	98.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	73.9	93.5	95.4	96.4	98.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	73.9	93.5	95.4	96.4	98.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	73.9	93.5	95.4	96.4	98.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	73.9	93.5	95.4	96.4	98.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	73.9	93.5	95.4	96.4	98.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.9	93.5	95.4	96.4	98.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.9	93.5	95.4	96.4	98.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | JUL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	42.7	49.2	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	50.9	59.8	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	51.1	59.9	60.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 6000	51.6	60.5	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	52.3	61.6	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 12000	54.9	65.2	65.6	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
≥ 10000	57.0	69.0	69.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000	58.6	70.8	71.2	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	62.1	76.1	76.5	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	64.5	78.5	78.9	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 6000	66.9	81.2	81.6	82.8	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	69.4	85.1	85.5	86.7	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500	70.4	86.4	86.8	88.2	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	72.6	90.5	91.1	92.6	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3500	74.1	92.5	93.1	94.9	95.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	74.5	93.1	93.8	95.6	96.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	75.0	93.7	94.4	96.2	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	75.1	93.8	94.5	96.6	97.2	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	75.1	93.8	94.5	96.6	97.2	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	75.1	94.4	95.0	97.2	97.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5
≥ 1200	75.1	94.4	95.0	97.2	97.7	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 1000	75.1	94.4	95.0	97.2	97.7	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 900	75.1	94.4	95.0	97.2	97.7	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 800	75.1	94.4	95.0	97.2	97.7	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 700	75.1	94.4	95.0	97.2	97.7	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 600	75.1	94.4	95.0	97.2	97.7	99.1	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 500	75.1	94.4	95.0	97.2	97.7	99.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	75.1	94.4	95.0	97.2	97.7	99.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	75.1	94.4	95.0	97.2	97.7	99.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	75.1	94.4	95.0	97.2	97.7	99.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	75.1	94.4	95.0	97.2	97.7	99.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	75.1	94.4	95.0	97.2	97.7	99.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

'L EAL CLIMATOLOGY BRANCH
'/ETAC
A' EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-742 (STATION) | BURLINGTON INTL VT (STATION NAME) | 73-80 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.4	47.2	47.4	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	49.2	57.5	58.2	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000	49.2	57.5	58.2	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	49.2	57.5	58.2	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 4000	50.7	59.1	59.8	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 2000	53.0	63.4	64.2	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	55.9	66.8	67.7	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	57.1	69.0	69.9	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 8000	61.8	75.1	76.2	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	64.9	78.6	79.8	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	66.7	81.3	82.5	83.5	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	71.1	87.5	88.8	89.8	89.9	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	72.0	88.6	89.9	90.9	91.0	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4000	72.7	90.1	91.7	92.9	93.0	93.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	73.8	91.3	92.9	94.2	94.6	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	74.1	91.8	93.5	95.2	95.6	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	74.6	92.3	94.2	95.8	96.2	96.9	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	74.7	92.9	94.9	96.8	97.3	98.0	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	74.7	92.9	94.9	96.9	97.4	98.1	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	74.7	93.0	95.0	97.2	97.8	98.5	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	74.7	93.0	95.0	97.2	97.8	98.5	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	74.7	93.0	95.0	97.2	97.8	98.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	74.7	93.0	95.0	97.2	97.8	98.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	74.7	93.0	95.0	97.2	97.8	98.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	74.7	93.0	95.0	97.2	97.8	98.7	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	74.7	93.0	95.0	97.2	97.8	98.7	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	74.7	93.0	95.0	97.2	97.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	74.7	93.0	95.0	97.2	97.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	74.7	93.0	95.0	97.2	97.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	74.7	93.0	95.0	97.2	97.8	98.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	74.7	93.0	95.0	97.2	97.8	98.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	74.7	93.0	95.0	97.2	97.8	98.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | JUL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.9	50.3	50.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	45.4	58.9	61.0	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	45.4	58.9	61.0	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	45.4	58.9	61.0	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000	46.4	60.1	62.2	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
≥ 12000	48.3	63.2	65.3	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000	51.2	67.3	69.6	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 9000	52.4	69.1	71.8	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
≥ 8000	56.1	74.6	77.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 7000	58.2	76.9	80.0	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	60.9	80.0	83.2	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	62.5	83.2	86.4	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	63.4	84.8	88.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	64.1	86.4	90.1	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	64.7	87.2	90.9	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	64.9	88.2	91.8	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	65.3	88.7	92.3	95.7	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	65.5	89.2	93.1	96.6	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	65.5	89.4	93.5	97.0	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	65.5	89.4	93.5	97.0	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	65.5	89.4	93.5	97.2	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	65.5	89.4	93.7	97.4	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	65.5	89.4	93.7	97.4	98.3	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	65.5	89.4	93.7	97.4	98.4	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	65.5	89.5	93.8	97.6	98.5	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	65.5	89.5	93.8	97.6	98.5	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	65.5	89.5	93.8	97.6	98.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	65.5	89.5	93.8	97.6	98.7	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	65.5	89.5	93.8	97.6	98.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	65.5	89.5	93.8	97.6	98.8	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.5	89.5	93.8	97.6	98.8	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.5	89.5	93.8	97.6	98.8	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
JUL — MONTH
ALL — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	39.2	47.4	48.3	49.2	49.6	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.9
≥ 20000	44.5	54.9	56.3	57.5	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5
≥ 18000	44.6	54.9	56.3	57.6	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.6
≥ 16000	44.7	55.1	56.4	57.7	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7
≥ 14000	45.3	55.9	57.2	58.5	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5
≥ 12000	47.6	59.5	61.0	62.4	63.1	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5
≥ 10000	50.1	63.7	65.3	66.9	67.8	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 9000	51.1	65.2	66.8	68.4	69.3	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.9
≥ 8000	54.4	70.0	72.0	73.7	74.6	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 7000	56.8	73.2	75.3	77.1	78.0	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.7
≥ 6000	58.5	75.3	77.6	79.4	80.3	80.6	80.8	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 5000	60.9	78.8	81.1	83.2	84.1	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.0
≥ 4500	61.8	80.1	82.5	84.6	85.6	86.0	86.3	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6
≥ 4000	63.2	82.9	85.4	88.0	89.1	89.6	89.9	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 3500	64.6	84.9	87.7	90.2	91.5	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.7
≥ 3000	65.7	86.6	89.8	92.4	93.8	94.4	94.7	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.1
≥ 2500	66.2	87.6	90.6	93.3	94.7	95.3	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.2
≥ 2000	66.6	88.4	91.6	94.4	95.9	96.6	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.5
≥ 1800	66.6	88.5	91.8	94.6	96.0	96.7	97.3	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.7
≥ 1500	66.8	89.1	92.3	95.2	96.7	97.4	98.0	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1200	66.8	89.1	92.4	95.3	96.9	97.6	98.2	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.7	98.7
≥ 1000	66.8	89.2	92.6	95.5	97.1	97.8	98.5	98.6	98.6	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 900	66.8	89.2	92.6	95.5	97.1	97.9	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 800	66.9	89.2	92.6	95.6	97.2	98.0	98.7	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 700	66.8	89.3	92.6	95.6	97.3	98.1	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4
≥ 600	66.8	89.3	92.6	95.6	97.3	98.1	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.5
≥ 500	66.8	89.3	92.7	95.7	97.4	98.3	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥ 400	66.8	89.3	92.7	95.7	97.4	98.3	99.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	66.8	89.3	92.7	95.7	97.5	98.4	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	66.8	89.3	92.7	95.7	97.5	98.4	99.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	66.8	89.3	92.7	95.7	97.5	98.4	99.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	66.8	89.3	92.7	95.7	97.5	98.4	99.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.5	46.4	48.1	50.4	51.5	51.6	51.7	51.7	51.7	52.0	52.0	52.0	52.4	52.4	52.4	52.4
≥ 20000	39.5	53.1	55.4	57.9	59.5	59.7	59.8	59.8	59.8	60.1	60.1	60.1	60.5	60.5	60.5	60.5
≥ 18000	39.5	53.1	55.4	57.9	59.5	59.7	59.8	59.8	59.8	60.1	60.1	60.1	60.5	60.5	60.5	60.5
≥ 6000	39.5	53.1	55.4	57.9	59.5	59.7	59.8	59.8	59.8	60.1	60.1	60.1	60.5	60.5	60.5	60.5
≥ 14000	39.9	54.0	56.3	59.0	60.6	60.8	60.9	60.9	60.9	61.2	61.2	61.2	61.6	61.6	61.6	61.6
≥ 12000	42.1	57.1	60.2	62.9	64.7	64.8	64.9	64.9	64.9	65.2	65.2	65.2	65.6	65.6	65.6	65.6
≥ 10000	44.0	60.5	63.4	66.4	68.4	68.5	68.7	68.7	68.7	69.0	69.0	69.0	69.4	69.4	69.4	69.4
≥ 9000	44.2	62.0	65.1	68.0	70.3	70.4	70.6	70.6	70.6	70.8	70.8	70.8	71.2	71.2	71.2	71.2
≥ 8000	46.0	65.9	69.2	72.4	75.3	75.4	75.5	75.5	75.5	75.8	75.9	75.8	76.2	76.2	76.2	76.2
≥ 7000	47.3	69.2	72.7	75.9	78.8	78.9	79.0	79.0	79.0	79.3	79.3	79.3	79.7	79.7	79.7	79.7
≥ 6000	47.8	71.0	74.6	78.5	81.3	81.5	81.6	81.6	81.6	81.9	81.9	81.9	82.3	82.3	82.3	82.3
≥ 5000	49.2	73.3	77.3	81.2	84.4	84.7	84.8	84.8	84.8	85.1	85.1	85.1	85.5	85.5	85.5	85.5
≥ 4500	49.3	73.5	78.1	81.9	85.2	85.5	85.6	85.6	85.6	85.9	85.9	85.9	86.3	86.3	86.3	86.3
≥ 4000	50.0	75.4	80.5	84.7	88.0	88.3	88.6	88.7	88.7	89.0	89.0	89.0	89.4	89.4	89.4	89.4
≥ 3500	51.1	76.9	82.3	86.4	89.8	90.1	90.3	90.5	90.5	90.7	90.7	90.7	91.1	91.1	91.1	91.1
≥ 3000	52.0	78.8	84.5	88.8	92.2	92.5	92.7	92.9	92.9	93.1	93.1	93.1	93.5	93.5	93.5	93.5
≥ 2500	52.4	79.8	85.8	90.1	93.4	93.7	94.0	94.1	94.1	94.4	94.4	94.4	94.8	94.8	94.8	94.8
≥ 2000	52.4	80.2	86.4	90.7	94.5	94.8	95.0	95.2	95.2	95.4	95.4	95.4	95.8	95.8	95.8	95.8
≥ 1800	52.4	80.4	86.6	90.9	94.6	94.9	95.2	95.3	95.3	95.6	95.6	95.6	96.0	96.0	96.0	96.0
≥ 1500	52.4	80.5	86.7	91.4	95.3	95.6	95.8	96.0	96.0	96.2	96.2	96.2	96.6	96.6	96.6	96.6
≥ 1200	52.4	80.6	86.8	91.5	95.4	95.8	96.1	96.2	96.2	96.5	96.5	96.5	96.9	96.9	96.9	96.9
≥ 1000	52.6	80.9	87.1	91.9	95.8	96.2	96.5	96.6	96.6	96.9	96.9	96.9	97.3	97.3	97.3	97.3
≥ 900	52.6	81.0	87.4	92.2	96.1	96.5	96.8	96.9	96.9	97.2	97.2	97.2	97.6	97.6	97.6	97.6
≥ 800	52.6	81.0	87.4	92.2	96.1	96.5	96.8	96.9	96.9	97.2	97.2	97.2	97.6	97.6	97.6	97.6
≥ 700	52.6	81.0	87.4	92.3	96.2	96.6	96.9	97.0	97.0	97.3	97.3	97.3	97.7	97.7	97.7	97.7
≥ 600	52.6	81.2	87.5	92.5	96.4	96.9	97.2	97.3	97.3	97.6	97.6	97.6	98.0	98.0	98.0	98.0
≥ 500	52.6	81.2	87.5	92.6	96.5	97.0	97.4	97.7	97.7	98.0	98.0	98.0	98.4	98.4	98.4	98.7
≥ 400	52.6	81.2	87.5	92.6	96.5	97.1	97.7	98.0	98.0	98.3	98.3	98.3	98.7	98.7	98.7	98.9
≥ 300	52.6	81.2	87.5	92.6	96.5	97.1	97.7	98.0	98.0	98.5	98.5	98.5	98.9	98.9	98.9	99.2
≥ 200	52.6	81.2	87.5	92.6	96.5	97.1	97.7	98.0	98.0	98.5	98.5	98.5	98.9	98.9	98.9	99.2
≥ 100	52.6	81.2	87.5	92.6	96.5	97.1	97.7	98.0	98.0	98.5	98.5	98.5	98.9	98.9	99.5	99.9
≥ 0	52.6	81.2	87.5	92.6	96.5	97.1	97.7	98.0	98.0	98.5	98.5	98.5	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
AUG — MONTH
0300-0500 — 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.1	40.5	42.1	44.5	45.3	45.4	45.6	45.6	45.6	46.2	46.2	46.2	46.5	46.5	46.9	47.3
≥ 20000	37.5	46.5	48.7	51.9	53.1	53.2	53.4	53.4	53.4	54.0	54.0	54.0	54.3	54.3	54.7	55.1
≥ 18000	37.5	46.5	48.7	51.9	53.1	53.2	53.4	53.4	53.4	54.0	54.0	54.0	54.3	54.3	54.7	55.1
≥ 16000	37.5	46.5	48.7	51.9	53.1	53.2	53.4	53.4	53.4	54.0	54.0	54.0	54.3	54.3	54.7	55.1
≥ 14000	37.9	47.0	49.2	52.4	53.6	53.8	53.9	53.9	53.9	54.6	54.6	54.6	54.8	54.8	55.2	55.6
≥ 12000	40.2	50.3	52.4	55.6	56.9	57.0	57.1	57.1	57.1	57.8	57.8	57.8	58.1	58.1	58.5	58.9
≥ 10000	42.3	53.6	55.9	59.7	61.4	61.6	61.8	61.8	61.8	62.5	62.5	62.5	62.8	62.8	63.2	63.6
≥ 9000	42.6	54.6	57.0	60.9	62.6	62.8	63.0	63.0	63.0	63.7	63.7	63.7	64.0	64.0	64.4	64.8
≥ 8000	45.0	58.2	60.9	65.6	67.7	68.0	68.3	68.3	68.3	69.0	69.0	69.0	69.2	69.2	69.6	70.0
≥ 7000	46.8	61.7	64.7	69.4	71.5	71.8	72.0	72.0	72.0	72.7	72.7	72.7	73.1	73.1	73.5	73.9
≥ 6000	47.6	62.9	66.0	70.7	72.8	73.1	73.4	73.5	73.5	74.2	74.2	74.2	74.6	74.6	75.0	75.4
≥ 5000	48.9	65.5	69.4	74.6	76.9	77.3	77.6	77.7	77.7	78.4	78.4	78.4	78.8	78.8	79.2	79.6
≥ 4500	49.3	66.3	70.2	75.4	77.8	78.2	78.5	78.6	78.6	79.3	79.3	79.3	79.7	79.7	80.1	80.5
≥ 4000	50.3	67.7	72.0	77.6	80.5	81.2	81.5	81.7	81.7	82.4	82.4	82.4	82.8	82.8	83.2	83.6
≥ 3500	51.3	69.4	73.9	80.4	83.5	84.1	84.4	84.7	84.7	85.3	85.3	85.3	85.8	85.8	86.2	86.6
≥ 3000	53.0	71.6	76.7	83.6	86.8	87.5	87.8	88.0	88.0	88.8	88.8	88.8	89.2	89.2	89.7	90.1
≥ 2500	53.5	73.0	78.2	85.2	88.8	89.7	89.9	90.2	90.2	91.0	91.0	91.0	91.4	91.4	91.8	92.2
≥ 2000	54.2	74.2	79.6	86.8	90.6	91.5	91.8	92.1	92.1	92.9	92.9	92.9	93.3	93.3	93.7	94.1
≥ 1800	54.2	74.3	79.8	87.2	91.0	91.9	92.2	92.5	92.5	93.3	93.3	93.3	93.7	93.7	94.1	94.5
≥ 1500	54.3	75.0	80.5	88.0	91.8	92.7	93.0	93.3	93.3	94.1	94.1	94.1	94.5	94.5	94.9	95.3
≥ 1200	54.3	75.3	80.9	88.4	92.2	93.3	93.5	94.0	94.0	94.8	94.8	94.8	95.2	95.2	95.6	96.0
≥ 1000	54.3	75.5	81.3	89.1	92.9	94.0	94.2	94.6	94.6	95.6	95.6	95.6	96.0	96.0	96.4	96.8
≥ 900	54.3	75.5	81.3	89.1	92.9	94.0	94.2	94.6	94.6	95.6	95.6	95.6	96.0	96.0	96.4	96.8
≥ 800	54.3	75.5	81.3	89.1	93.0	94.1	94.4	94.8	94.8	95.7	95.7	95.7	96.1	96.1	96.5	96.9
≥ 700	54.3	75.5	81.3	89.2	93.1	94.2	94.5	94.9	94.9	95.8	95.8	95.8	96.2	96.2	96.6	97.0
≥ 600	54.3	75.5	81.3	89.2	93.1	94.4	94.6	95.0	95.0	96.0	96.0	96.0	96.4	96.4	96.8	97.2
≥ 500	54.3	75.5	81.3	89.5	93.5	94.8	95.2	95.8	95.8	96.9	96.9	96.9	97.3	97.3	97.7	98.1
≥ 400	54.3	75.5	81.3	89.5	93.7	95.2	95.6	96.2	96.2	97.3	97.4	97.4	97.8	97.8	98.3	98.7
≥ 300	54.3	75.5	81.3	89.5	93.7	95.3	95.8	96.5	96.5	97.6	97.7	97.7	98.1	98.1	98.5	98.9
≥ 200	54.3	75.5	81.3	89.5	93.7	95.3	95.8	96.5	96.5	97.7	97.8	97.8	98.3	98.3	98.8	99.2
≥ 100	54.3	75.5	81.3	89.5	93.7	95.3	96.1	96.8	96.8	98.0	98.1	98.1	98.7	98.7	99.2	99.9
≥ 0	54.3	75.5	81.3	89.5	93.7	95.3	96.1	96.8	96.8	98.0	98.1	98.1	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) AUG (MONTH)

0600-0800 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.2	42.9	44.6	46.4	47.2	47.6	48.1	48.1	48.1	48.3	48.4	48.4	48.4	48.4	48.5	49.1
≥ 20000	41.4	48.0	49.9	52.0	53.0	53.8	54.4	54.4	54.4	54.6	54.7	54.7	54.7	54.7	54.8	55.4
≥ 18000	41.4	48.0	49.9	52.0	53.0	53.8	54.4	54.4	54.4	54.6	54.7	54.7	54.7	54.7	54.8	55.4
≥ 16000	41.4	48.0	49.9	52.0	53.0	53.8	54.4	54.4	54.4	54.6	54.7	54.7	54.7	54.7	54.8	55.4
≥ 14000	41.4	48.1	50.0	52.2	53.1	53.9	54.6	54.6	54.6	54.7	54.8	54.8	54.8	54.8	55.0	55.5
≥ 12000	43.8	51.2	53.2	55.6	56.7	57.5	58.2	58.2	58.2	58.3	58.5	58.5	58.5	58.5	58.6	59.1
≥ 10000	45.3	53.4	55.4	58.1	59.5	60.5	61.2	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.6	62.1
≥ 9000	45.9	54.0	56.0	59.1	60.6	61.6	62.2	62.2	62.2	62.4	62.5	62.5	62.5	62.5	62.6	63.2
≥ 8000	48.3	57.4	59.9	63.4	65.6	66.7	67.5	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.9	68.4
≥ 7000	49.5	59.1	62.0	65.9	67.6	68.7	69.5	69.5	69.5	69.6	69.8	69.8	69.8	69.8	69.9	70.4
≥ 6000	50.3	60.5	63.3	66.8	69.2	70.3	71.1	71.5	71.5	71.6	71.8	71.8	71.8	71.8	71.9	72.4
≥ 5000	51.9	62.6	65.7	69.5	71.9	73.0	74.2	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.1	75.7
≥ 4500	52.7	64.0	67.2	71.0	73.7	74.7	75.9	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.9	77.4
≥ 4000	54.1	66.1	69.6	73.8	76.5	77.8	79.0	79.7	79.7	79.8	80.0	80.0	80.0	80.0	80.1	80.6
≥ 3500	55.5	68.4	71.9	76.2	79.0	80.5	81.9	82.7	82.7	82.8	82.9	82.9	82.9	82.9	83.1	83.6
≥ 3000	57.7	71.8	75.4	79.7	82.8	84.3	85.6	86.6	86.6	86.8	87.0	87.0	87.0	87.0	87.1	87.6
≥ 2500	59.0	73.8	77.6	81.9	85.1	86.6	87.9	88.8	88.8	89.1	89.2	89.2	89.2	89.2	89.4	89.9
≥ 2000	59.8	75.4	79.2	83.6	87.0	88.6	89.9	90.9	90.9	91.1	91.3	91.3	91.3	91.3	91.4	91.9
≥ 1800	60.1	75.8	79.7	84.1	87.8	89.4	90.7	91.7	91.7	91.9	92.1	92.1	92.1	92.1	92.2	92.7
≥ 1500	60.3	76.1	80.0	84.4	88.0	89.7	91.1	92.1	92.1	92.3	92.5	92.5	92.5	92.5	92.6	93.1
≥ 1200	60.5	76.3	80.4	85.1	88.7	90.9	92.3	93.4	93.4	93.7	93.8	93.8	93.8	93.8	94.0	94.5
≥ 1000	60.6	76.6	80.8	85.5	89.2	91.8	93.5	94.8	94.8	95.2	95.3	95.3	95.3	95.3	95.4	96.0
≥ 900	60.6	76.7	81.2	86.0	89.8	92.3	94.1	95.4	95.4	95.8	96.0	96.0	96.0	96.0	96.1	96.6
≥ 800	60.6	76.7	81.2	86.0	89.9	92.5	94.5	95.8	95.8	96.2	96.4	96.4	96.4	96.4	96.5	97.0
≥ 700	60.6	76.7	81.2	86.2	90.1	92.6	94.8	96.2	96.2	96.6	96.8	96.8	96.8	96.8	96.9	97.4
≥ 600	60.6	76.7	81.2	86.2	90.1	92.7	94.9	96.4	96.4	96.8	97.0	97.0	97.2	97.2	97.3	97.8
≥ 500	60.6	76.7	81.2	86.2	90.2	93.3	95.7	97.2	97.2	97.6	97.8	97.8	98.0	98.1	98.1	98.7
≥ 400	60.6	76.7	81.2	86.2	90.5	93.5	96.0	97.4	97.4	97.8	98.1	98.1	98.3	98.3	98.4	98.9
≥ 300	60.6	76.7	81.2	86.2	90.5	93.7	96.4	97.8	97.8	98.5	98.8	98.8	99.3	99.3	99.5	100.0
≥ 200	60.6	76.7	81.2	86.2	90.5	93.7	96.4	97.8	97.8	98.5	98.8	98.8	99.3	99.3	99.5	100.0
≥ 100	60.6	76.7	81.2	86.2	90.5	93.7	96.4	97.8	97.8	98.5	98.8	98.8	99.3	99.3	99.5	100.0
≥ 0	60.6	76.7	81.2	86.2	90.5	93.7	96.4	97.8	97.8	98.5	98.8	98.8	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | AUG
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.8	44.9	46.2	46.6	47.0	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	41.3	50.8	52.3	52.8	54.3	54.3	54.8	54.8	54.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	41.3	50.8	52.3	52.8	54.3	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	42.1	50.9	52.4	53.0	54.4	54.4	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 14000	42.1	50.9	52.4	53.0	54.4	54.4	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 12000	45.2	54.2	55.9	56.7	58.3	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	47.2	57.1	58.9	59.7	61.4	61.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 9000	47.6	58.1	59.8	60.8	62.5	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 8000	48.8	60.8	62.5	63.6	66.0	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	49.1	61.7	63.6	64.9	67.3	68.4	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	49.7	63.0	64.9	66.3	68.8	70.0	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	50.5	64.2	66.1	67.6	70.3	71.5	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	52.1	66.4	68.8	70.4	73.8	75.0	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	54.1	69.2	71.6	73.5	76.9	78.2	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	55.5	71.4	73.8	75.8	79.2	80.5	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	58.3	75.1	77.7	80.0	83.3	84.8	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	60.3	78.0	80.5	82.8	86.2	87.6	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	61.6	79.8	82.8	85.2	88.6	90.1	90.7	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	61.7	80.0	82.9	85.3	88.7	90.2	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	62.6	81.2	84.7	87.2	90.6	92.1	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	62.8	81.9	85.5	88.0	91.7	93.1	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	62.8	82.3	86.0	89.0	92.9	94.5	95.4	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	62.9	82.8	86.7	89.7	93.7	95.6	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	63.1	83.1	87.0	89.9	94.0	96.0	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	63.0	83.2	87.2	90.5	94.5	96.8	97.7	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	63.0	83.3	87.4	90.6	95.0	97.3	98.4	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	63.0	83.3	87.4	90.6	95.2	97.6	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	63.0	83.3	87.4	90.6	95.2	97.6	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	63.0	83.3	87.4	90.6	95.2	97.6	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.0	83.3	87.4	90.6	95.2	97.6	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.0	83.3	87.4	90.6	95.2	97.6	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.0	83.3	87.4	90.6	95.2	97.6	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

L AL CLIMATOLOGY BRANCH
AFETAC
SATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42 | BURLINGTON INTL VT | 73-80 | AUG
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.1	45.1	45.3	45.7	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	41.4	51.5	51.7	52.7	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 18000	41.4	51.5	51.7	52.7	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	41.5	51.6	51.9	52.8	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	42.2	52.3	52.6	53.5	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	44.0	54.8	55.1	56.0	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	47.0	59.1	59.4	60.5	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 9000	47.3	59.8	60.1	61.6	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	49.2	63.6	64.4	66.0	67.5	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	50.1	66.9	67.3	69.0	70.6	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	52.6	68.7	69.5	71.1	73.0	73.5	73.9	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	55.1	71.9	72.8	74.6	76.6	77.2	77.8	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	56.7	74.5	75.4	77.2	79.3	79.8	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	58.3	77.3	78.6	80.5	82.7	83.2	83.9	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	60.9	80.4	81.9	83.7	85.9	86.4	87.4	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	62.3	82.7	84.1	86.2	88.3	89.0	90.1	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	63.4	84.1	85.9	88.2	90.3	91.0	92.2	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	64.8	86.4	88.3	90.6	92.9	93.5	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	64.9	86.6	88.4	90.7	93.0	93.7	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	65.6	87.5	89.4	91.7	94.0	94.6	96.0	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	65.9	88.3	90.2	92.5	94.8	95.4	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	66.1	89.0	90.9	93.1	95.4	96.1	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	66.3	89.2	91.3	93.5	95.8	96.5	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	66.3	89.4	91.4	93.7	96.0	96.6	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	66.3	89.4	91.4	93.8	96.1	96.8	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	66.3	89.5	91.8	94.2	96.6	97.3	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	66.3	89.7	91.9	94.4	96.8	97.4	99.2	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	66.3	89.7	91.9	94.4	96.8	97.4	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	66.3	89.7	91.9	94.4	96.8	97.4	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	66.3	89.7	91.9	94.4	96.8	97.4	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	66.3	89.7	91.9	94.4	96.8	97.4	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	66.3	89.7	91.9	94.4	96.8	97.4	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.6	45.4	45.6	46.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 20000	44.1	54.6	55.1	55.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	44.2	54.7	55.2	55.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 17000	44.2	54.7	55.2	55.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	44.6	55.1	55.6	56.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 15000	46.5	57.8	58.3	58.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	49.1	61.0	61.7	62.2	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 13000	49.7	61.7	62.4	62.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	52.3	66.1	67.1	67.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 11000	55.1	70.2	71.1	71.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	57.1	71.9	73.3	73.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000	57.5	76.3	78.1	79.0	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000	61.4	77.7	79.6	80.5	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	63.6	81.2	83.3	84.4	87.6	87.6	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	64.8	83.5	85.6	86.7	90.2	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	66.5	85.6	87.8	88.8	92.5	92.9	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	67.2	87.5	89.7	90.9	94.5	95.0	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	67.7	88.6	90.7	91.9	95.6	96.2	96.9	97.1	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	68.1	89.1	91.3	92.5	96.1	96.8	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	68.8	89.9	92.1	93.3	96.9	97.6	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500	69.1	90.3	92.5	93.8	97.6	98.3	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	69.1	90.5	92.6	94.1	97.8	98.5	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	69.1	90.5	92.6	94.1	97.8	98.5	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	69.1	90.5	92.6	94.2	98.0	98.7	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	69.1	90.6	92.7	94.4	98.1	98.8	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	69.1	90.6	92.7	94.4	98.1	98.8	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.1	90.6	92.9	94.5	98.3	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.3	48.7	49.3	49.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	48.1	56.7	57.9	58.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 18000	48.1	56.9	58.1	58.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000	48.3	57.0	58.2	58.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000	48.8	57.8	59.0	59.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	51.6	61.8	63.0	63.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	55.1	67.1	68.4	68.7	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 9000	55.8	68.0	69.4	69.6	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 8000	58.9	72.8	74.5	74.7	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	61.0	75.8	77.6	78.0	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 6000	61.7	77.3	79.0	79.4	81.9	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	63.6	80.1	82.4	82.9	85.6	85.8	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4500	64.4	81.2	83.6	84.1	87.0	87.1	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	65.7	84.1	86.6	87.1	90.1	90.2	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	66.8	85.3	87.8	88.3	91.3	91.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	67.7	87.6	90.6	91.8	94.9	95.0	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	67.7	88.0	91.0	92.2	95.6	95.7	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	68.0	88.4	91.4	92.7	96.1	96.2	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	68.1	88.7	91.7	93.0	96.4	96.5	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	68.5	89.2	92.2	93.5	96.9	97.0	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	68.7	89.8	92.9	94.2	97.6	97.7	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	68.7	89.9	93.0	94.5	97.8	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	68.7	90.2	93.3	94.8	98.1	98.3	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	68.7	90.2	93.3	94.8	98.1	98.3	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	68.7	90.2	93.3	94.8	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	68.7	90.2	93.3	94.8	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	68.7	90.2	93.4	94.9	98.4	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	68.7	90.2	93.4	94.9	98.4	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	68.7	90.2	93.4	94.9	98.4	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	68.7	90.2	93.4	94.9	98.4	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	68.7	90.2	93.4	94.9	98.4	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	68.7	90.2	93.4	94.9	98.4	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.1	48.8	50.4	50.8	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.9
≥ 20000	43.3	55.9	57.7	58.3	59.8	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3
≥ 18000	43.3	56.0	57.8	58.5	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.5
≥ 16000	43.7	56.5	58.2	58.9	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.9
≥ 14000	43.8	56.9	58.6	59.3	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.3
≥ 12000	46.1	60.1	63.4	63.7	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.9
≥ 10000	48.4	64.9	67.5	68.3	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.7
≥ 9000	48.9	65.5	68.4	69.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.8
≥ 8000	51.7	70.3	73.7	74.5	77.3	77.4	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.1
≥ 7000	55.0	74.6	78.1	78.9	82.0	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.8
≥ 6000	55.5	77.2	80.8	81.6	84.7	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.5
≥ 5000	57.1	79.2	82.9	83.7	87.2	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	88.0
≥ 4500	58.1	80.5	84.3	85.1	88.6	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.4
≥ 4000	58.5	82.1	86.3	87.4	91.1	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.9
≥ 3500	59.3	83.2	87.4	88.4	92.3	92.5	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.1
≥ 3000	59.5	84.4	88.8	89.9	94.2	94.4	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.2
≥ 2500	59.7	84.9	89.4	90.5	94.8	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8
≥ 2000	59.8	85.5	90.3	91.4	95.7	95.8	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.8
≥ 1800	59.8	85.6	90.6	91.7	96.0	96.1	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.0
≥ 1500	59.9	85.6	90.6	91.7	96.0	96.2	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.2
≥ 1200	59.8	85.9	91.1	92.2	96.5	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.7
≥ 1000	59.9	86.6	91.9	93.1	97.4	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.8
≥ 900	59.9	86.6	91.9	93.1	97.4	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.8
≥ 800	59.9	86.6	91.9	93.1	97.4	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.8
≥ 700	59.9	86.6	91.9	93.1	97.6	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.9
≥ 600	59.9	86.6	91.9	93.1	97.7	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.3
≥ 500	59.9	86.6	91.9	93.1	98.0	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.7
≥ 400	59.9	86.6	91.9	93.1	98.0	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.7
≥ 300	59.9	86.6	91.9	93.1	98.0	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.7
≥ 200	59.9	86.6	91.9	93.1	98.0	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.9
≥ 100	59.9	86.6	91.9	93.1	98.0	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	100.0
≥ 0	59.9	86.6	91.9	93.1	98.0	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL AL CLIMATOLOGY BRANCH
USAFETAC
AI EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14 4 (STATION) | BURLINGTON INTL VT (STATION NAME) | 73-80 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.6	45.3	46.5	47.5	48.3	48.4	48.6	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.9	49.0
≥ 20000	42.1	52.1	53.6	54.9	56.3	56.5	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.0	57.1
≥ 18000	42.2	52.2	53.6	55.0	56.4	56.5	56.7	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.1	57.2
≥ 16000	42.3	52.3	53.7	55.1	56.5	56.6	56.8	56.8	56.8	57.0	57.0	57.0	57.1	57.1	57.2	57.3
≥ 14000	42.6	52.8	54.2	55.6	57.0	57.1	57.3	57.3	57.3	57.5	57.5	57.5	57.6	57.6	57.7	57.9
≥ 12000	44.9	56.0	57.7	59.1	60.5	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.4
≥ 10000	47.3	59.5	61.3	62.9	64.6	64.8	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.4	65.5
≥ 9000	47.7	60.5	62.3	64.0	65.7	65.9	66.2	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.5	66.6
≥ 8000	50.1	64.4	66.5	68.5	70.9	71.3	71.7	71.7	71.7	71.8	71.8	71.8	71.9	71.9	72.0	72.1
≥ 7000	51.9	67.4	69.6	71.7	74.1	74.5	74.9	74.9	74.9	75.0	75.0	75.0	75.2	75.2	75.2	75.4
≥ 6000	52.3	69.1	71.4	73.5	76.1	76.5	76.9	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.4	77.5
≥ 5000	54.6	71.6	74.3	76.6	79.4	79.9	80.3	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.9	81.0
≥ 4500	55.5	73.0	75.9	78.2	81.1	81.6	82.1	82.3	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.9
≥ 4000	56.9	75.4	78.6	81.1	84.2	84.7	85.2	85.5	85.5	85.6	85.7	85.7	85.8	85.8	85.8	86.0
≥ 3500	58.1	77.3	80.6	83.2	86.4	87.0	87.5	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.3
≥ 3000	59.7	79.7	83.2	86.1	89.4	90.0	90.7	91.0	91.0	91.2	91.2	91.2	91.4	91.4	91.4	91.6
≥ 2500	60.4	81.1	84.7	87.7	91.1	91.8	92.5	92.8	92.8	93.0	93.0	93.0	93.2	93.2	93.2	93.4
≥ 2000	61.1	82.3	86.1	89.1	92.6	93.3	94.1	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.8	95.0
≥ 1800	61.2	82.6	86.4	89.4	92.9	93.7	94.4	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.2	95.3
≥ 1500	61.6	83.1	87.0	90.2	93.7	94.4	95.2	95.5	95.5	95.8	95.8	95.8	95.9	95.9	96.0	96.1
≥ 1200	61.7	83.6	87.5	90.7	94.3	95.2	96.0	96.3	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.9
≥ 1000	61.8	83.9	88.0	91.3	94.9	95.9	96.7	97.1	97.1	97.3	97.3	97.3	97.5	97.5	97.5	97.7
≥ 900	61.8	84.1	88.2	91.6	95.2	96.2	97.0	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.9	98.0
≥ 800	61.8	84.1	88.3	91.6	95.3	96.3	97.2	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.2
≥ 700	61.8	84.2	88.3	91.8	95.5	96.5	97.4	97.9	97.9	98.1	98.1	98.1	98.3	98.3	98.3	98.5
≥ 600	61.9	84.2	88.4	91.9	95.7	96.8	97.7	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.8
≥ 500	61.8	84.2	88.4	92.0	95.9	97.0	98.1	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.3
≥ 400	61.8	84.2	88.4	92.0	95.9	97.1	98.2	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.3	99.5
≥ 300	61.9	84.2	88.4	92.0	95.9	97.2	98.3	98.8	98.8	99.2	99.3	99.3	99.5	99.5	99.5	99.7
≥ 200	61.9	84.2	88.4	92.0	95.9	97.2	98.3	98.8	98.8	99.3	99.3	99.3	99.5	99.5	99.6	99.8
≥ 100	61.8	84.2	88.4	92.0	95.9	97.2	98.4	98.8	98.8	99.3	99.3	99.3	99.6	99.6	99.7	100.0
≥ 0	61.9	84.2	88.4	92.0	95.9	97.2	98.4	98.8	98.8	99.3	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 595

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | SEP
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.1	40.8	41.9	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.8
≥ 20000	38.2	45.8	47.4	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6	51.0
≥ 18000	38.2	45.8	47.4	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6	51.0
≥ 17000	38.2	45.8	47.4	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6	51.0
≥ 14000	38.2	46.1	47.5	49.9	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.8	51.3
≥ 12000	39.6	47.4	48.9	51.3	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.6
≥ 10000	42.6	50.6	52.2	54.7	55.6	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.3	56.7
≥ 9000	43.8	51.7	53.3	55.8	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.4	57.8
≥ 8000	47.6	56.4	58.1	60.7	61.7	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.4	62.8
≥ 7000	51.1	60.8	62.8	66.0	66.9	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	68.1
≥ 6000	52.5	62.5	64.9	68.2	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.9	70.3
≥ 5000	56.0	67.1	69.6	73.1	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.9	75.3
≥ 4500	57.1	69.6	72.6	76.1	77.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.9	78.3
≥ 4000	58.2	71.3	74.7	78.9	80.0	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.0	81.4
≥ 3500	59.4	74.4	78.3	82.8	83.9	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.9	85.3
≥ 3000	61.5	77.9	81.9	86.8	87.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.9	89.3
≥ 2500	62.4	79.3	83.3	88.2	89.4	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.4	90.8
≥ 2000	62.9	80.8	85.3	90.4	91.8	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.9	93.3
≥ 1800	62.9	81.0	85.6	90.8	92.2	92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.8
≥ 1500	63.1	81.3	86.0	91.4	92.8	93.1	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.9	94.3
≥ 1200	63.3	81.7	86.4	91.8	93.2	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.3	94.7
≥ 1000	63.6	82.4	87.2	92.8	94.3	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.4	95.8
≥ 900	63.6	82.5	87.4	93.1	94.6	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	96.1
≥ 800	63.6	82.8	87.6	93.3	94.9	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.4
≥ 700	63.6	82.9	87.8	93.8	95.7	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8	97.2
≥ 600	63.6	83.1	87.9	93.9	96.0	96.5	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.8
≥ 500	63.6	83.2	88.1	94.2	96.3	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	98.1
≥ 400	63.6	83.2	88.1	94.6	96.8	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.2	98.6
≥ 300	63.6	83.2	88.1	95.0	97.4	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.8	99.2
≥ 200	63.6	83.2	88.2	95.1	97.5	98.1	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.4	100.0
≥ 100	63.6	83.2	88.2	95.1	97.5	98.1	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.4	100.0
≥ 0	63.6	83.2	88.2	95.1	97.5	98.1	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
SEP — MONTH
0300-0600 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	36.3	39.9	40.3	41.8	41.9	41.9	42.1	42.1	42.1	42.2	42.2	42.2	42.5	42.5	43.3	44.0
≥ 20000	39.7	44.3	45.0	46.9	48.3	48.6	48.8	48.8	48.8	48.9	48.9	48.9	49.2	49.3	50.1	50.8
≥ 18000	39.7	44.3	45.0	46.9	48.3	48.6	48.8	48.8	48.8	48.9	48.9	48.9	49.2	49.3	50.1	50.8
≥ 16000	39.7	44.3	45.0	46.9	48.3	48.6	48.8	48.8	48.8	48.9	48.9	48.9	49.2	49.3	50.1	50.8
≥ 14000	40.0	44.6	45.3	47.2	48.6	48.9	49.1	49.0	49.0	49.2	49.2	49.2	49.4	49.6	50.4	51.1
≥ 12000	41.1	45.8	46.5	48.5	50.0	50.3	50.4	50.4	50.4	50.6	50.6	50.6	50.8	51.0	51.8	52.5
≥ 10000	43.6	48.5	49.2	51.5	53.3	53.6	53.8	53.8	53.8	53.9	53.9	53.9	54.2	54.3	55.1	55.8
≥ 9000	44.4	49.3	50.3	52.6	54.4	54.7	54.9	54.9	54.9	55.0	55.0	55.0	55.3	55.4	56.3	56.9
≥ 8000	47.6	53.2	54.2	56.7	58.5	58.8	59.3	59.3	59.3	59.4	59.4	59.4	59.7	59.9	60.7	61.4
≥ 7000	50.8	57.4	58.5	61.3	63.3	63.6	64.2	64.2	64.2	64.4	64.4	64.4	64.9	65.0	65.8	66.5
≥ 6000	51.9	58.8	59.9	63.1	65.1	65.4	66.0	66.0	66.0	66.3	66.3	66.3	66.7	66.8	67.6	68.3
≥ 5000	53.9	62.8	63.9	67.2	69.3	69.6	70.1	70.1	70.1	70.4	70.4	70.4	70.8	71.0	71.8	72.5
≥ 4500	55.3	65.0	66.4	70.1	72.2	72.5	73.1	73.1	73.1	73.3	73.3	73.3	73.8	73.9	74.7	75.4
≥ 4000	56.5	67.5	69.2	73.1	75.1	75.4	76.0	76.0	76.0	76.3	76.3	76.3	76.7	76.8	77.6	78.3
≥ 3500	58.3	70.8	72.8	77.1	79.7	80.0	80.6	80.6	80.6	80.8	80.8	80.8	81.3	81.4	82.2	82.9
≥ 3000	60.7	75.4	77.9	82.6	85.3	85.6	86.1	86.1	86.1	86.4	86.4	86.4	86.8	86.9	87.8	88.5
≥ 2500	61.1	76.5	79.2	83.9	86.5	86.8	87.4	87.4	87.4	87.6	87.6	87.6	88.1	88.2	89.0	89.7
≥ 2000	61.4	77.5	80.3	85.0	87.6	87.9	88.5	88.5	88.5	88.8	88.8	88.8	89.2	89.3	90.1	90.8
≥ 1800	61.5	77.8	80.6	85.3	87.9	88.2	88.8	88.8	88.8	89.0	89.0	89.0	89.4	89.6	90.4	91.1
≥ 1500	61.8	78.6	81.4	86.5	89.2	89.4	9 .0	90.0	90.0	90.3	90.3	90.3	90.7	90.8	91.7	92.4
≥ 1200	62.1	79.4	82.6	88.1	91.1	91.4	91.9	91.9	91.9	92.2	92.2	92.2	92.6	92.8	93.6	94.3
≥ 1000	62.1	80.0	83.3	89.3	92.5	92.8	93.3	93.3	93.3	93.6	93.6	93.6	94.0	94.2	95.0	95.7
≥ 900	62.1	80.0	83.3	89.3	92.5	92.8	93.3	93.3	93.3	93.6	93.6	93.6	94.0	94.2	95.0	95.7
≥ 800	62.1	80.3	83.6	89.7	92.9	93.2	93.8	93.8	93.8	94.0	94.0	94.0	94.4	94.6	95.4	96.1
≥ 700	62.1	80.3	83.8	90.0	93.3	93.6	94.2	94.2	94.2	94.4	94.4	94.4	94.9	95.0	95.8	96.5
≥ 600	62.1	80.4	84.0	90.4	93.8	94.0	94.6	94.6	94.6	95.0	95.0	95.0	95.4	95.6	96.4	97.1
≥ 500	62.1	80.4	84.0	90.7	94.0	94.3	95.0	95.0	95.0	95.4	95.4	95.4	95.8	96.0	96.8	97.5
≥ 400	62.1	80.8	84.4	91.8	95.3	95.6	96.4	96.4	96.4	96.8	96.8	96.8	97.2	97.4	98.2	98.9
≥ 300	62.1	80.8	84.4	91.8	95.3	95.6	96.5	96.5	96.5	96.9	96.9	96.9	97.4	97.5	98.3	99.0
≥ 200	62.1	80.8	84.4	91.8	95.3	95.6	96.5	96.5	96.5	97.2	97.2	97.2	97.8	97.9	98.8	99.7
≥ 100	62.1	80.8	84.4	91.8	95.3	95.6	96.5	96.5	96.5	97.2	97.2	97.2	97.8	97.9	99.0	100.0
≥ 0	62.1	80.8	84.4	91.8	95.1	95.6	96.5	96.5	96.5	97.2	97.2	97.2	97.8	97.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | SEP
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.4	37.2	37.6	38.1	38.5	38.6	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.4	39.6
≥ 20000	38.6	42.2	42.6	43.6	44.6	44.9	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	46.0	46.1
≥ 18000	38.6	42.2	42.6	43.6	44.6	44.9	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	46.0	46.1
≥ 16000	38.6	42.2	42.6	43.6	44.6	44.9	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	46.0	46.1
≥ 14000	39.6	43.2	43.6	44.6	45.6	45.8	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.9	47.1
≥ 12000	40.5	44.6	45.0	46.0	46.9	47.2	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.5	48.6
≥ 10000	43.3	47.8	48.3	49.3	50.3	50.6	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.8	51.9
≥ 9000	43.6	48.3	48.9	49.9	50.8	51.1	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	52.4	52.5
≥ 8000	46.5	51.9	52.9	54.0	55.3	55.7	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.9	57.1
≥ 7000	48.6	55.0	55.8	57.1	59.0	59.4	59.7	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.8	61.0
≥ 6000	49.9	56.9	58.1	59.4	61.9	62.4	62.8	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.9	64.3
≥ 5000	52.6	61.0	62.1	63.6	66.1	66.5	66.9	67.2	67.2	67.2	67.2	67.2	67.4	67.4	68.1	68.2
≥ 4500	53.6	62.1	63.5	65.0	67.5	67.9	68.5	68.8	68.8	68.8	68.8	68.8	68.9	68.9	69.6	69.7
≥ 4000	56.3	65.1	66.7	68.2	71.0	71.4	71.9	72.2	72.2	72.2	72.2	72.2	72.4	72.4	73.1	73.2
≥ 3500	60.4	69.9	71.4	73.1	76.3	77.1	78.2	78.5	78.5	78.5	78.5	78.5	78.6	78.6	79.3	79.4
≥ 3000	63.5	74.3	76.0	77.8	81.0	81.9	83.3	83.6	83.6	83.6	83.6	83.6	83.8	83.8	84.4	84.6
≥ 2500	65.0	76.5	78.2	80.1	83.3	84.4	85.8	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.9	87.2
≥ 2000	66.4	78.2	80.0	82.2	85.4	86.7	88.3	88.6	88.6	88.6	88.6	88.6	88.8	88.8	89.4	89.7
≥ 1800	66.4	78.5	80.3	82.5	85.7	86.9	88.6	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.7	90.0
≥ 1500	67.2	79.4	81.3	83.5	86.7	87.9	89.6	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.7	91.0
≥ 1200	67.8	80.4	82.2	84.7	88.1	89.4	91.1	91.4	91.4	91.4	91.4	91.4	91.5	91.5	92.2	92.5
≥ 1000	68.1	81.0	82.8	85.3	88.9	90.3	91.9	92.2	92.2	92.2	92.2	92.2	92.4	92.4	93.1	93.3
≥ 900	68.1	81.0	82.8	85.3	88.9	90.3	91.9	92.4	92.4	92.4	92.4	92.4	92.5	92.5	93.2	93.5
≥ 800	68.2	81.1	82.9	85.7	89.3	91.1	92.9	93.3	93.3	93.3	93.3	93.3	93.5	93.5	94.2	94.4
≥ 700	68.2	81.1	82.9	85.7	89.3	91.3	93.1	93.5	93.5	93.5	93.5	93.5	93.6	93.6	94.3	94.6
≥ 600	68.2	81.3	83.1	86.1	89.7	91.7	93.5	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.7	95.0
≥ 500	68.2	81.5	83.3	86.4	90.6	92.9	95.0	95.4	95.4	95.7	95.7	95.7	95.8	95.8	96.5	96.8
≥ 400	68.2	81.5	83.5	86.7	91.0	93.5	95.8	96.4	96.4	96.8	96.8	96.8	96.9	96.9	97.6	97.9
≥ 300	68.2	81.7	83.6	86.8	91.3	93.9	96.4	96.9	96.9	97.5	97.5	97.5	97.8	97.8	98.5	98.8
≥ 200	68.2	81.7	83.6	86.8	91.3	94.0	96.5	97.1	97.1	97.8	97.8	97.8	98.2	98.2	98.9	99.2
≥ 100	68.2	81.7	83.6	86.8	91.3	94.0	96.5	97.1	97.1	97.8	97.8	97.8	98.2	98.2	99.2	99.6
≥ 0	68.2	81.7	83.6	86.8	91.3	94.0	96.5	97.1	97.1	97.8	97.8	97.8	98.2	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
SEP — MONTH
0900-1100 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	35.6	39.3	39.7	40.0	40.6	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.7	41.9
≥ 20000	39.6	43.8	44.4	44.7	45.3	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000	39.7	43.9	44.6	44.9	45.4	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 16000	39.7	43.9	44.6	44.9	45.4	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 14000	40.1	44.2	44.8	45.1	45.7	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 12000	42.9	47.1	47.8	48.1	48.8	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 10000	45.4	50.8	51.7	51.9	52.6	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 9000	46.9	52.2	53.1	53.3	54.0	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	49.3	55.6	56.5	56.8	57.5	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 7000	52.4	59.0	60.1	60.4	61.5	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 6000	53.9	60.8	61.9	62.5	63.6	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 5000	57.2	64.8	66.0	66.8	68.1	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500	58.6	66.4	67.8	68.6	70.0	70.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4000	60.7	68.9	70.4	71.3	72.6	73.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500	65.1	73.6	75.3	76.1	77.5	78.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3000	68.9	78.5	80.3	81.1	82.6	83.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	71.8	81.7	83.5	84.3	86.0	87.1	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9
≥ 2000	73.5	83.5	85.3	86.1	87.8	88.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 800	74.2	84.3	86.1	86.9	88.6	89.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	75.3	86.3	88.1	88.9	90.7	91.8	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	75.8	86.9	88.8	89.7	91.7	93.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	76.3	87.5	89.3	90.6	92.6	94.0	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	76.3	87.5	89.3	90.6	92.8	94.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	76.4	87.9	89.7	91.0	93.5	95.0	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	76.5	88.2	90.0	91.3	93.9	95.6	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	76.7	88.5	90.3	91.5	94.2	95.8	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	76.8	88.6	90.4	91.7	94.6	96.3	98.3	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	76.8	88.6	90.4	91.7	94.6	96.4	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	76.8	88.6	90.6	91.8	94.7	96.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	76.8	88.6	90.6	91.8	94.7	96.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.8	88.6	90.6	91.8	94.7	96.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.8	88.6	90.6	91.8	94.7	96.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 72

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14 42	BURLINGTON INTL VT	73-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.3	40.3	40.3	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	43.1	44.9	44.9	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000	43.3	45.0	45.0	45.4	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 17000	43.4	45.4	45.4	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	43.3	46.3	46.3	46.7	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 12000	43.3	46.2	48.2	48.8	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 10000	46.3	52.5	52.6	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 9000	47.1	53.6	53.8	54.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 8000	51.1	58.3	58.6	59.2	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	54.3	62.8	63.1	63.6	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	57.4	65.4	65.8	66.5	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 5000	60.6	69.3	69.9	70.7	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	63.1	71.8	72.5	73.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000	67.1	77.1	77.9	78.8	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	70.6	81.7	82.6	83.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	73.8	85.3	86.3	87.2	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	76.7	88.2	89.2	90.1	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	77.9	89.6	90.6	91.5	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	77.9	89.7	90.7	91.7	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	78.3	91.1	92.2	93.2	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	78.3	91.4	92.5	93.5	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	78.5	91.8	92.9	93.9	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	78.6	92.1	93.2	94.2	96.0	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	78.6	92.2	93.3	94.4	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	78.6	92.2	93.3	94.4	96.3	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	78.6	92.2	93.3	94.4	96.3	97.2	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	78.6	92.2	93.3	94.4	97.1	98.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	78.6	92.2	93.3	94.4	97.1	98.3	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	78.6	92.2	93.3	94.4	97.1	98.3	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	78.6	92.2	93.3	94.4	97.1	98.3	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	78.6	92.4	93.5	94.6	97.2	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.6	92.4	93.5	94.6	97.2	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 72...

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | SEP

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.3	43.4	43.6	43.6	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 20000	39.9	44.0	44.2	44.2	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	39.9	44.1	44.2	44.2	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 16000	40.1	44.6	44.7	44.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 14000	40.3	44.7	44.9	44.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 12000	42.5	46.9	47.1	47.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 10000	44.1	50.0	50.3	50.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 9000	45.3	50.8	51.1	51.3	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 8000	49.2	55.4	56.0	56.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 7000	53.3	61.9	62.5	62.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 6000	56.4	65.6	66.1	66.3	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 5000	61.3	70.7	71.4	71.7	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4500	64.2	74.2	74.9	75.4	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4000	66.1	77.6	78.5	79.0	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	70.8	83.1	84.4	85.0	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	73.2	86.7	88.1	88.9	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	74.7	89.0	90.6	91.7	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	75.3	89.7	91.3	92.4	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	75.4	90.3	91.8	92.9	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	75.6	90.8	92.4	93.6	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	75.6	90.8	92.4	93.8	95.3	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	75.6	91.1	92.8	94.2	95.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	75.6	91.3	92.9	94.4	96.0	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	75.6	91.3	93.1	94.9	96.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	75.6	91.3	93.1	94.9	96.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	75.6	91.3	93.1	95.0	96.5	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	75.6	91.3	93.1	95.3	97.1	98.5	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	75.6	91.3	93.1	95.3	97.4	98.9	99.4	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	75.6	91.3	93.1	95.3	97.4	98.9	99.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	75.6	91.3	93.1	95.3	97.4	98.9	99.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	75.6	91.3	93.1	95.3	97.4	98.9	99.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	75.6	91.3	93.1	95.3	97.4	98.9	99.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | SEP
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.1	38.6	38.9	39.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 20000	43.1	44.4	44.9	45.6	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.8
≥ 18000	43.1	44.4	44.9	45.6	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 16000	43.1	44.4	44.9	45.6	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 14000	40.3	44.6	45.0	45.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 12000	42.6	46.9	47.5	48.2	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 10000	45.0	50.1	50.9	51.9	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 9000	45.7	51.1	51.8	52.9	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	50.9	57.1	57.8	59.0	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 7000	55.4	63.8	64.9	66.4	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	58.8	67.6	68.8	70.3	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 5000	62.1	71.5	72.8	74.6	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	63.3	73.3	74.6	76.7	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	64.4	75.3	76.4	78.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	67.2	79.3	80.7	83.2	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	69.7	82.8	84.3	87.4	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	69.9	84.3	86.1	89.3	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	70.1	85.3	87.5	91.0	94.4	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	70.1	85.6	87.8	91.4	94.9	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	70.1	85.8	88.1	91.9	95.7	95.8	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	70.1	86.1	88.8	92.8	96.5	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	70.1	86.7	89.3	93.3	97.1	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	70.1	86.7	89.3	93.3	97.1	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	70.1	86.7	89.4	93.6	97.4	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	70.1	86.7	89.4	93.6	97.5	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	70.1	86.7	89.6	93.8	97.8	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	70.1	86.7	89.7	93.9	98.1	98.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	70.1	86.7	90.0	94.3	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	70.1	86.7	90.0	94.3	98.5	99.0	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	70.1	86.7	90.0	94.3	98.5	99.0	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.1	86.7	90.0	94.3	98.5	99.0	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.1	86.7	90.0	94.3	98.5	99.0	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 42 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
SEP — MONTH
0100-2300 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.9	42.4	42.8	43.9	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	42.1	48.2	49.3	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	42.1	48.2	49.3	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	42.1	48.2	49.3	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	42.1	48.2	49.3	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 12000	43.6	49.9	51.0	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 10000	44.9	51.5	52.9	54.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 9000	45.7	53.1	54.3	56.0	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 8000	49.6	57.9	59.3	61.3	62.2	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 7000	54.6	64.2	65.8	67.8	68.9	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	56.3	66.7	68.5	70.6	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 5000	58.5	69.9	72.1	74.6	76.0	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4500	59.7	72.4	74.6	77.2	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	60.6	74.3	77.1	80.3	81.4	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	62.8	78.2	81.5	84.9	86.3	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	64.0	81.0	84.4	88.1	90.0	90.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	64.4	82.8	86.5	90.4	92.5	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	64.7	84.2	88.1	92.1	94.3	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	64.9	84.4	88.3	92.4	95.0	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	64.9	84.9	88.8	92.9	95.6	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	64.9	85.6	89.4	93.6	96.5	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	64.9	86.0	90.0	94.3	97.2	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	64.9	86.1	90.3	94.7	97.6	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	64.9	86.1	90.4	94.9	97.8	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	64.9	86.1	90.4	94.9	97.9	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	64.9	86.3	90.7	95.1	98.2	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	64.9	86.3	90.7	95.1	98.2	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	64.9	86.4	91.0	95.6	98.6	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	64.9	86.4	91.0	95.6	98.6	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	64.9	86.4	91.0	95.6	98.6	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	64.9	86.4	91.0	95.6	98.6	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	64.9	86.4	91.0	95.6	98.6	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 723

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

...L CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1...42	BURLINGTON INTL VT	73-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 5/16	≥ 4	≥ 0
NO CEILING	36.0	39.9	40.3	40.9	41.5	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.9	42.0
≥ 20000	36.8	44.7	45.3	46.4	47.3	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.9	48.0
≥ 18000	39.8	44.7	45.4	46.4	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.8	48.0
≥ 16000	39.9	44.9	45.5	46.5	47.4	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	48.0	48.1
≥ 14000	40.2	45.2	45.8	46.9	47.8	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.3	48.5
≥ 12000	42.1	47.1	47.7	48.8	49.8	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3	50.5
≥ 10000	44.5	50.2	51.0	52.2	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.9	54.0
≥ 9000	45.3	51.3	52.1	53.3	54.3	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	55.0	55.1
≥ 8000	49.0	55.7	56.6	58.0	59.1	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.9	60.1
≥ 7000	52.7	60.6	61.7	63.2	64.5	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.3	65.5
≥ 6000	54.6	63.0	64.2	65.9	67.3	67.5	67.8	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.2	68.4
≥ 5000	57.7	67.1	68.5	70.3	71.8	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.7	72.9
≥ 4500	59.4	69.3	70.9	72.8	74.4	74.6	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.4	75.6
≥ 4000	61.2	72.1	73.9	76.0	77.6	77.9	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.7	78.9
≥ 3500	64.3	76.4	78.4	80.7	82.5	82.9	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.8	84.0
≥ 3000	66.8	80.2	82.4	85.0	87.0	87.4	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.4	88.6
≥ 2500	68.2	82.3	84.6	87.3	89.3	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.8	91.0
≥ 2000	69.3	83.6	86.0	88.8	91.0	91.5	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.6	92.8
≥ 1800	69.3	83.9	86.4	89.2	91.5	92.3	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	93.1	93.3
≥ 1500	69.9	84.8	87.3	90.2	92.6	93.1	93.7	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.2	94.4
≥ 1200	69.7	85.3	87.9	91.0	93.4	94.1	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	95.2	95.3
≥ 1000	69.9	85.8	88.5	91.7	94.3	94.9	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	96.0	96.2
≥ 900	69.9	85.9	88.6	91.9	94.4	95.1	95.7	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.2	96.4
≥ 800	69.9	86.0	88.8	92.2	94.8	95.5	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.6	96.8
≥ 700	69.9	86.1	88.8	92.3	95.0	95.9	96.5	96.7	96.7	96.7	96.7	96.7	96.8	96.8	97.0	97.2
≥ 600	70.0	86.2	89.0	92.5	95.3	96.2	96.9	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.6	97.8
≥ 500	70.0	86.3	89.1	92.7	95.7	96.7	97.6	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.3	98.6
≥ 400	70.0	86.3	89.2	93.0	96.1	97.2	98.2	98.4	98.4	98.7	98.7	98.7	98.8	98.8	99.0	99.2
≥ 300	70.0	86.4	89.3	93.1	96.3	97.4	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.4	99.6
≥ 200	70.0	86.4	89.3	93.1	96.3	97.4	98.7	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.6	99.8
≥ 100	70.0	86.4	89.3	93.2	96.3	97.5	98.7	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.7	99.9
≥ 0	70.0	86.4	89.3	93.2	96.3	97.5	98.7	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.7	100.

TOTAL NUMBER OF OBSERVATIONS 576

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1942 | BURLINGTON INTL VT | 73-80 | OCT

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	33.1	39.0	39.8	40.2	40.3	40.3	40.6	40.6	40.6	40.6	40.7	40.7	40.9	40.9	40.9	41.0
≥ 20000	35.3	42.5	43.3	43.7	43.8	43.8	44.1	44.1	44.1	44.1	44.2	44.2	44.4	44.4	44.4	44.8
≥ 18000	35.3	42.5	43.3	43.7	43.8	43.8	44.1	44.1	44.1	44.1	44.2	44.2	44.4	44.4	44.4	44.8
≥ 16000	35.3	42.5	43.3	43.7	43.8	43.8	44.1	44.1	44.1	44.1	44.2	44.2	44.4	44.4	44.4	44.8
≥ 14000	36.3	43.4	44.2	44.6	44.8	44.8	45.0	45.0	45.0	45.0	45.2	45.2	45.3	45.3	45.3	45.7
≥ 12000	36.3	44.5	45.3	45.7	45.8	45.8	46.1	46.1	46.1	46.1	46.2	46.2	46.4	46.4	46.4	46.8
≥ 10000	39.5	48.4	49.2	49.6	49.7	49.7	50.0	50.0	50.0	50.0	50.1	50.1	50.3	50.3	50.3	50.7
≥ 9000	40.1	48.9	49.7	50.1	50.3	50.3	50.5	50.5	50.5	50.5	50.7	50.7	50.8	50.8	50.8	51.2
≥ 8000	43.1	53.4	54.3	54.8	55.0	55.0	55.2	55.2	55.2	55.2	55.4	55.4	55.5	55.5	55.5	55.9
≥ 7000	46.3	57.8	59.3	60.1	60.3	60.3	60.6	60.6	60.6	60.6	60.8	60.8	60.9	60.9	60.9	61.3
≥ 6000	49.5	60.2	61.7	62.5	62.8	62.8	63.0	63.0	63.0	63.0	63.2	63.2	63.3	63.3	63.3	63.7
≥ 5000	52.3	66.7	68.3	69.2	69.5	69.5	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.4
≥ 4500	56.6	71.6	73.9	74.5	74.7	74.7	75.0	75.0	75.0	75.0	75.1	75.1	75.3	75.3	75.3	75.7
≥ 4000	59.1	75.9	78.3	78.9	79.4	79.4	79.7	79.7	79.7	79.7	79.8	79.8	80.0	80.0	80.0	80.4
≥ 3500	61.7	79.8	81.9	82.9	83.5	83.5	83.7	83.7	83.7	83.7	83.9	83.9	84.0	84.0	84.0	84.4
≥ 3000	63.4	82.9	85.1	86.4	87.0	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.5	87.5	87.5	87.9
≥ 2500	64.7	84.8	87.4	88.8	89.4	89.4	89.7	89.7	89.7	89.8	89.9	89.9	90.1	90.1	90.1	90.5
≥ 2000	65.2	86.7	89.2	91.0	91.5	91.5	91.8	91.8	91.8	91.9	92.1	92.1	92.2	92.2	92.2	92.6
≥ 1800	65.2	86.7	89.4	91.3	91.8	91.8	92.1	92.1	92.1	92.2	92.3	92.3	92.5	92.5	92.5	92.9
≥ 1500	65.3	87.2	90.1	92.5	93.1	93.1	93.4	93.4	93.4	93.5	93.7	93.7	93.8	93.8	93.8	94.2
≥ 1200	65.6	87.6	90.9	93.4	94.1	94.1	94.4	94.4	94.4	94.5	94.6	94.6	94.8	94.8	94.8	95.2
≥ 1000	65.6	87.6	91.1	93.8	94.5	94.5	94.8	94.8	94.8	94.9	95.0	95.0	95.2	95.2	95.2	95.6
≥ 900	65.6	87.6	91.3	94.0	94.6	94.6	94.9	94.9	94.9	95.0	95.2	95.2	95.3	95.3	95.3	95.7
≥ 800	65.7	87.9	91.5	94.4	95.0	95.2	95.6	95.6	95.6	95.8	96.2	96.2	96.4	96.4	96.4	96.8
≥ 700	65.7	87.9	91.7	94.5	95.2	95.3	95.7	95.7	95.7	96.0	96.4	96.4	96.5	96.5	96.5	96.9
≥ 600	65.7	87.9	91.7	94.5	95.2	95.3	95.7	95.7	95.7	96.0	96.4	96.4	96.5	96.5	96.5	96.9
≥ 500	65.7	87.9	91.7	94.5	95.2	95.3	96.0	96.0	96.0	96.2	96.6	96.6	96.8	96.8	96.8	97.2
≥ 400	65.7	87.9	91.7	95.0	95.7	95.8	96.6	96.6	96.6	96.9	97.3	97.3	97.4	97.4	97.4	97.8
≥ 300	65.7	87.9	91.7	95.0	95.7	95.8	96.6	96.6	96.6	97.3	97.7	97.7	97.8	97.8	97.8	98.3
≥ 200	65.7	87.9	91.7	95.3	96.2	96.4	97.2	97.2	97.2	98.1	98.5	98.5	98.7	98.7	98.7	99.1
≥ 100	65.7	87.9	91.7	95.3	96.2	96.4	97.2	97.2	97.2	98.3	98.7	98.7	98.9	98.9	98.9	99.5
≥ 0	65.7	87.9	91.7	95.3	96.2	96.4	97.2	97.2	97.2	98.3	98.7	98.7	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1... 42 | BURLINGTON INTL VT | 73-80 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.8	37.1	37.6	38.2	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.8	39.2
≥ 20000	32.1	39.2	39.9	40.5	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.1	41.5
≥ 18000	32.1	39.2	39.9	40.5	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.1	41.5
≥ 9000	32.1	39.2	39.9	40.5	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.1	41.5
≥ 14000	32.1	39.5	40.2	40.7	41.1	41.1	41.1	41.1	41.1	41.3	41.3	41.3	41.3	41.3	41.4	41.9
≥ 12000	34.4	42.6	43.3	43.8	44.2	44.2	44.2	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.5	44.9
≥ 10000	36.7	45.6	46.2	46.9	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.6	48.0
≥ 9000	36.9	45.7	46.4	47.0	47.4	47.4	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.8	48.3
≥ 8000	40.2	49.5	50.1	51.2	51.6	51.6	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.2	52.6
≥ 7000	42.5	53.0	53.8	55.1	55.6	55.6	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.2	56.6
≥ 6000	44.6	55.8	56.6	57.9	58.5	58.5	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	59.0	59.4
≥ 5000	48.3	62.0	63.0	64.7	65.2	65.2	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7	66.1
≥ 4500	53.1	64.9	66.0	67.6	68.1	68.1	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.7	69.1
≥ 4000	53.1	68.1	69.2	71.0	71.5	71.5	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.4
≥ 3500	55.3	73.5	74.9	76.9	77.4	77.4	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	78.0	78.4
≥ 3000	59.1	79.4	80.9	83.6	84.1	84.1	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.7	85.1
≥ 2500	61.0	82.0	83.6	86.4	87.0	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.5	87.9
≥ 2000	62.1	83.7	85.6	89.1	89.8	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.7
≥ 1800	62.4	84.3	86.2	89.7	90.3	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.9	91.3
≥ 1500	62.6	84.9	87.1	90.7	91.4	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.9	92.3
≥ 1200	62.6	85.2	87.5	91.4	92.1	92.1	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.6	93.0
≥ 1000	62.6	85.2	88.1	92.1	92.7	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.3	93.7
≥ 900	62.6	85.2	88.2	92.2	92.9	92.9	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.8
≥ 800	62.6	85.5	88.7	92.7	93.4	93.7	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.4	94.8
≥ 700	62.6	85.6	88.8	93.1	93.8	94.1	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.9	95.3
≥ 600	62.6	85.6	89.0	93.3	94.0	94.4	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.2	95.6
≥ 500	62.6	85.6	89.2	93.7	94.4	94.8	95.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.8	96.2
≥ 400	62.6	85.6	89.2	94.1	94.8	95.2	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.2	96.6
≥ 300	62.8	85.6	89.2	94.2	95.0	95.4	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.4	97.9
≥ 200	62.8	85.6	89.4	94.8	95.7	96.1	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.3	98.7
≥ 100	62.8	85.6	89.4	94.8	95.7	96.1	97.6	97.6	97.6	98.3	98.3	98.3	98.5	98.5	98.7	99.1
≥ 0	62.8	85.6	89.4	94.8	95.7	96.1	97.6	97.6	97.6	98.3	98.3	98.3	98.9	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	29.2	31.1	31.4	31.6	31.6	31.6	31.6	31.9	31.9	32.2	32.2	32.2	32.2	32.2	32.4	32.4
≥ 20000	33.5	36.2	36.5	36.7	36.7	36.7	36.7	37.0	37.0	37.3	37.3	37.3	37.3	37.3	37.6	37.6
≥ 18000	33.5	36.2	36.5	36.7	36.7	36.7	36.7	37.0	37.0	37.3	37.3	37.3	37.3	37.3	37.6	37.6
≥ 6000	33.5	36.2	36.5	36.7	36.7	36.7	36.7	37.0	37.0	37.3	37.3	37.3	37.3	37.3	37.6	37.6
≥ 4000	33.5	36.5	36.7	37.0	37.0	37.0	37.0	37.3	37.3	37.6	37.6	37.6	37.6	37.6	37.8	37.8
≥ 2000	35.0	39.8	39.1	39.3	39.4	39.4	39.4	39.7	39.7	40.0	40.0	40.0	40.0	40.0	40.2	40.2
≥ 1000	37.8	41.7	42.0	42.4	42.5	42.5	42.5	42.8	42.8	43.2	43.2	43.2	43.2	43.2	43.5	43.5
≥ 900	38.0	42.3	42.5	42.9	43.1	43.1	43.1	43.3	43.3	43.7	43.7	43.7	43.7	43.7	44.0	44.0
≥ 800	41.2	46.0	46.3	46.8	47.0	47.0	47.0	47.2	47.2	47.6	47.6	47.6	47.6	47.6	47.9	47.9
≥ 700	42.1	47.8	48.0	48.7	48.9	48.9	49.3	49.5	49.5	49.9	49.9	49.9	49.9	49.9	50.2	50.2
≥ 600	45.2	50.5	50.9	51.5	51.7	51.7	52.1	52.4	52.4	52.8	52.8	52.8	52.8	52.8	53.0	53.0
≥ 500	48.1	54.2	54.6	55.3	55.5	55.5	56.0	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.9	56.9
≥ 450	51.3	57.9	58.3	59.0	59.1	59.1	59.6	59.9	59.9	60.3	60.3	60.3	60.3	60.3	60.6	60.6
≥ 400	55.9	62.7	63.1	63.8	63.9	63.9	64.6	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.5	65.5
≥ 350	61.2	69.4	70.1	70.9	71.1	71.2	71.9	72.1	72.1	72.5	72.5	72.5	72.5	72.5	72.8	72.8
≥ 300	66.1	76.3	77.1	78.1	78.3	78.6	79.3	79.5	79.5	79.9	79.9	79.9	79.9	79.9	80.2	80.2
≥ 250	69.6	80.3	81.7	82.9	83.6	83.8	84.5	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.6	85.6
≥ 200	71.5	82.9	84.3	85.7	86.5	86.9	87.8	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.8	88.8
≥ 180	71.6	83.3	84.7	86.1	86.9	87.3	88.2	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.2	89.2
≥ 150	72.1	84.1	85.5	86.9	88.0	88.7	89.5	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.6	90.6
≥ 120	72.5	84.8	86.1	87.6	88.7	89.5	90.6	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.7	91.7
≥ 100	72.5	84.9	86.8	88.4	89.5	90.3	91.5	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.7	92.7
≥ 90	72.5	84.9	87.1	88.7	89.8	90.6	91.8	92.3	92.3	92.7	92.7	92.7	92.7	92.7	93.0	93.0
≥ 80	72.5	84.9	87.1	88.7	89.8	90.7	92.2	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.5	93.5
≥ 70	72.5	84.9	87.1	88.7	89.8	90.7	92.2	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.5	93.5
≥ 60	72.5	85.1	87.2	89.0	90.2	91.3	92.7	93.3	93.3	93.8	93.8	93.8	93.9	93.9	94.2	94.2
≥ 50	72.5	85.1	87.5	89.2	90.7	91.8	93.4	94.3	94.3	94.9	94.9	94.9	95.2	95.2	95.4	95.4
≥ 40	72.5	85.2	87.6	89.6	91.4	92.9	94.6	95.7	95.7	96.2	96.2	96.2	96.5	96.5	96.8	96.8
≥ 30	72.5	85.2	87.8	89.8	91.7	93.3	95.8	97.2	97.2	97.7	97.7	97.7	98.1	98.1	98.7	98.7
≥ 20	72.5	85.2	87.8	89.8	91.7	93.3	96.0	97.6	97.6	98.3	98.3	98.3	98.7	98.7	99.2	99.2
≥ 10	72.5	85.2	87.8	89.8	91.7	93.4	96.2	97.8	97.8	98.7	98.8	98.8	99.3	99.3	100.0	100.0
≥ 0	72.5	85.2	87.8	89.8	91.7	93.4	96.2	97.8	97.8	98.7	98.8	98.8	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.6	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 20000	34.1	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 18000	34.1	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 6000	34.1	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 4000	35.6	39.0	39.1	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 2000	36.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 10000	39.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 9000	39.0	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 8000	41.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 7000	43.4	48.1	48.1	48.3	48.3	48.3	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 6000	45.2	49.9	49.9	50.0	50.0	50.0	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 5000	48.1	53.4	53.5	53.6	53.9	53.9	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 4500	51.1	57.0	57.1	57.3	57.5	57.5	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 4000	53.6	60.5	60.6	60.8	61.2	61.2	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 3500	59.4	67.7	67.9	68.1	68.5	68.5	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	69.5	78.6	78.9	79.2	79.7	79.7	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 2500	72.4	82.4	82.9	83.3	84.0	84.1	84.4	84.4	84.4	84.5	84.5	84.5	84.7	84.7	84.7	84.7
≥ 2000	75.0	86.0	86.6	87.0	87.8	87.9	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 1800	75.5	86.7	87.2	87.8	88.6	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 1500	75.9	87.6	88.3	88.8	89.8	89.9	90.2	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 1200	76.2	88.2	88.8	89.4	90.3	90.7	91.0	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 1000	76.3	88.8	89.5	90.3	91.3	91.7	91.9	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 900	76.3	89.8	90.6	91.7	92.6	93.1	93.4	93.5	93.5	93.7	93.7	93.7	94.0	94.0	94.0	94.0
≥ 800	76.3	90.1	90.9	92.1	93.0	93.5	94.0	94.2	94.2	94.5	94.5	94.5	94.8	94.8	94.8	94.8
≥ 700	76.3	90.1	90.9	92.1	93.3	93.8	94.4	94.6	94.6	94.9	94.9	94.9	95.2	95.2	95.2	95.2
≥ 600	76.3	90.5	91.3	92.5	93.8	94.4	94.9	95.2	95.2	95.4	95.4	95.4	95.7	95.7	95.7	95.7
≥ 500	76.3	90.5	91.4	92.7	94.2	95.0	95.7	96.2	96.2	96.5	96.5	96.5	96.9	96.9	96.9	96.9
≥ 400	76.3	90.5	91.4	92.9	94.5	95.4	96.5	97.2	97.2	97.6	97.6	97.6	98.0	98.0	98.0	98.0
≥ 300	76.3	90.5	91.4	92.9	94.5	95.7	97.2	98.3	98.3	98.7	98.7	98.7	99.1	99.1	99.1	99.1
≥ 200	76.3	90.5	91.4	92.9	94.5	95.7	97.6	98.7	98.7	99.2	99.3	99.3	99.7	99.7	99.7	99.7
≥ 100	76.3	90.5	91.4	92.9	94.5	95.7	97.6	98.7	98.7	99.2	99.3	99.3	99.9	99.9	100.0	100.0
≥ 0	76.3	90.5	91.4	92.9	94.5	95.7	97.6	98.7	98.7	99.2	99.3	99.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	34.3	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4
≥ 20000	39.7	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.5
≥ 18000	39.7	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.5
≥ 16000	39.7	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.5
≥ 14000	40.6	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.4
≥ 12000	42.3	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.2
≥ 10000	44.1	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.3
≥ 9000	44.6	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.1
≥ 8000	46.9	49.7	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.3
≥ 7000	48.7	5 .4	52.4	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2
≥ 6000	50.3	54.2	54.2	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.1
≥ 5000	55.1	59.4	59.4	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3
≥ 4500	59.0	63.6	63.6	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.5
≥ 4000	63.7	68.7	68.8	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.8
≥ 3500	68.4	74.5	74.6	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5
≥ 3000	74.9	83.1	83.3	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.4
≥ 2500	77.2	85.9	86.3	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.5
≥ 2000	78.5	87.4	87.8	88.2	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.1
≥ 1800	78.8	88.0	88.4	89.0	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.1
≥ 1500	79.6	89.9	90.3	90.9	91.4	91.5	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.5
≥ 1200	80.2	91.3	91.7	92.5	93.0	93.3	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2
≥ 1000	80.2	91.7	92.1	92.9	93.4	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 900	80.2	92.1	92.5	93.3	93.8	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 800	80.2	92.3	93.0	94.0	94.5	94.8	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.1
≥ 700	80.2	92.9	93.5	94.5	95.3	95.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
≥ 600	80.2	92.9	93.5	94.5	95.3	96.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 500	80.2	92.9	93.5	94.9	95.7	96.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0
≥ 400	80.2	92.9	93.5	94.9	95.7	96.4	97.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.7
≥ 300	80.2	92.9	93.5	94.9	96.0	96.9	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.5
≥ 200	80.2	92.9	93.5	94.9	96.0	96.9	98.7	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100	80.2	92.9	93.5	94.9	96.0	96.9	98.7	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	80.2	92.9	93.5	94.9	96.0	96.9	98.7	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 20000	42.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000	42.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 17000	42.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 14000	43.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 12000	44.0	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	45.6
≥ 10000	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 9000	47.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 8000	49.3	52.0	52.2	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
≥ 7000	51.7	55.1	55.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000	54.4	58.3	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	61.3	65.5	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4500	66.4	71.6	71.8	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	72.3	78.4	78.6	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	75.3	81.7	82.3	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	79.7	87.4	87.6	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	81.3	89.8	90.1	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	81.9	91.5	91.8	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	81.9	91.7	91.9	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	82.4	93.1	93.4	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	82.5	93.7	94.0	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	82.7	94.4	94.6	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	82.7	94.4	94.6	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	82.7	94.4	94.6	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	82.7	94.4	94.6	96.0	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	82.7	94.4	94.6	96.2	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	82.7	94.4	94.6	96.2	97.0	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	82.7	94.4	94.6	96.2	97.2	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	82.7	94.4	94.6	96.2	97.3	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	82.7	94.4	94.6	96.2	97.3	98.4	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	82.7	94.4	94.6	96.2	97.3	98.4	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.7	94.4	94.6	96.2	97.3	98.4	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	<¼
NO CEILING	35.5	37.5	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 20000	40.3	44.1	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000	40.5	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 16000	40.5	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 14000	40.7	44.5	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 12000	41.3	45.0	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 10000	44.4	48.3	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 9000	44.9	48.8	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 8000	49.3	54.6	55.2	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
≥ 7000	52.4	58.5	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 6000	55.5	62.4	63.4	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
≥ 5000	59.9	67.7	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4500	64.8	72.7	74.2	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	68.5	77.4	79.3	79.6	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	71.8	81.0	83.5	83.9	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	73.8	83.7	86.4	87.2	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	76.3	86.7	89.9	90.9	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	77.4	88.2	91.4	92.7	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	77.4	88.4	91.7	93.0	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	78.0	89.2	92.6	94.1	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	78.1	89.7	93.0	94.5	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	78.1	89.7	93.1	94.8	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	78.2	90.2	93.7	95.3	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	78.2	90.2	93.7	95.3	96.6	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	78.2	90.2	93.7	95.3	96.9	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	78.2	90.2	93.7	95.4	97.0	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	78.4	90.3	94.0	95.7	97.4	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	78.4	90.3	94.2	96.1	98.0	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	78.4	90.3	94.2	96.1	98.0	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	78.4	90.3	94.2	96.1	98.0	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	78.4	90.3	94.2	96.1	98.0	98.9	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	78.4	90.3	94.2	96.1	98.0	98.9	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.3	36.8	37.1	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.8	37.8
≥ 20000	36.0	41.3	41.5	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.2
≥ 18000	36.1	41.3	41.5	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.2
≥ 16000	36.4	41.7	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6
≥ 14000	36.6	41.8	42.1	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.7
≥ 12000	38.0	43.3	43.5	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2
≥ 10000	41.3	47.2	47.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4
≥ 9000	42.2	48.1	48.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
≥ 8000	45.4	52.8	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.6
≥ 7000	50.4	57.9	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8
≥ 6000	53.3	62.4	63.6	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.4
≥ 5000	57.3	67.3	68.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 4500	61.3	71.8	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8
≥ 4000	65.1	76.9	78.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 3500	68.8	81.7	83.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
≥ 3000	71.2	86.3	88.0	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5
≥ 2500	73.0	88.3	90.5	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 2000	73.1	88.8	91.4	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3
≥ 1800	73.3	89.4	92.1	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1
≥ 1500	73.5	90.1	93.0	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 1200	73.7	90.7	94.0	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 1000	74.1	91.1	94.5	96.5	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 900	74.1	91.5	95.0	97.0	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 800	74.1	91.5	95.1	97.0	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0
≥ 700	74.1	91.5	95.0	97.0	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 600	74.1	91.5	95.0	97.0	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3
≥ 500	74.1	91.5	95.0	97.0	97.8	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7
≥ 400	74.1	91.5	95.3	97.6	98.4	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
≥ 300	74.1	91.5	95.3	97.6	98.4	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
≥ 200	74.1	91.5	95.3	97.6	98.5	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 100	74.1	91.5	95.3	97.6	98.5	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7
≥ 0	74.1	91.5	95.3	97.6	98.5	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-83 — YEARS
OCT — MONTH
ALL — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.8	36.0	36.3	36.5	36.6	36.6	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.9	37.3
≥ 20000	36.9	40.9	41.2	41.4	41.5	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.8	41.9
≥ 18000	36.9	40.9	41.2	41.5	41.5	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.8	41.9
≥ 6000	36.9	41.3	41.3	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	42.0
≥ 14000	37.4	41.6	41.9	42.1	42.2	42.2	42.2	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.6
≥ 12000	38.5	43.1	43.3	43.6	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.9	44.0
≥ 10000	41.1	46.1	46.5	46.8	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.1	47.1	47.1	47.3
≥ 9000	41.6	46.8	47.1	47.4	47.5	47.5	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.8	47.9
≥ 8000	44.7	50.5	51.1	51.4	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.8	52.0
≥ 7000	47.3	53.8	54.4	54.9	55.1	55.1	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.6
≥ 6000	49.7	56.7	57.3	57.9	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.6
≥ 5000	53.9	62.0	62.8	63.4	63.6	63.6	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.1
≥ 4500	57.7	66.4	67.2	67.8	68.0	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.6
≥ 4000	61.4	71.1	72.0	72.7	73.0	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.6
≥ 3500	65.3	76.2	77.3	78.1	78.4	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	79.0
≥ 3000	69.8	82.2	83.4	84.4	84.9	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.5
≥ 2500	71.9	85.1	86.5	87.7	88.3	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	89.0
≥ 2000	73.1	86.9	88.5	89.9	90.5	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.3
≥ 1800	73.2	87.3	88.9	90.4	91.0	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.8
≥ 1500	73.7	88.3	90.0	91.7	92.4	92.6	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.3
≥ 1200	73.9	88.9	90.7	92.5	93.2	93.4	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.2
≥ 1000	74.0	89.2	91.2	93.1	93.8	94.1	94.4	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.8	94.9
≥ 900	74.0	89.5	91.6	93.5	94.2	94.5	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.3
≥ 800	74.1	89.6	91.8	93.7	94.5	94.9	95.3	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.8	95.9
≥ 700	74.1	89.7	91.9	93.9	94.8	95.2	95.7	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.4
≥ 600	74.1	89.7	92.0	94.1	95.0	95.5	96.1	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.6	96.7
≥ 500	74.1	89.8	92.1	94.3	95.3	95.9	96.7	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.3	97.4
≥ 400	74.1	89.8	92.2	94.6	95.7	96.4	97.3	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.2
≥ 300	74.1	89.8	92.2	94.6	95.8	96.7	97.8	98.2	98.2	98.5	98.6	98.6	98.7	98.7	98.8	98.9
≥ 200	74.1	89.8	92.2	94.7	96.0	96.8	98.1	98.6	98.6	99.0	99.1	99.1	99.2	99.2	99.3	99.4
≥ 100	74.1	89.8	92.2	94.7	96.0	96.8	98.2	98.6	98.6	99.2	99.3	99.3	99.5	99.5	99.6	99.8
≥ 0	74.1	89.8	92.2	94.7	96.0	96.8	98.2	98.6	98.6	99.2	99.3	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.5	25.6	26.0	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9	26.9	27.1	27.1
≥ 20000	24.2	28.3	28.8	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.9	29.9
≥ 18000	24.2	28.3	28.8	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.9	29.9
≥ 17000	24.2	28.3	28.8	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.9	29.9
≥ 14000	24.3	28.6	29.2	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.1	30.1	30.3	30.3
≥ 12000	27.4	31.8	32.4	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.3	33.5	33.5
≥ 10000	29.8	34.2	34.7	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.8	35.8
≥ 9000	29.0	35.0	35.6	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.7	36.7
≥ 8000	30.9	37.1	37.6	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.8	38.8
≥ 7000	34.3	42.5	43.2	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.2	44.2	44.3	44.3
≥ 6000	37.8	47.4	48.1	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.2	49.2
≥ 5000	42.2	54.3	55.1	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.3	56.3	56.4	56.4
≥ 4500	46.9	60.0	61.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.6	62.6
≥ 4000	50.4	64.4	66.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.9	67.9
≥ 3500	53.3	70.7	73.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.9	74.9
≥ 3000	55.7	75.1	78.8	80.6	80.7	80.7	80.8	80.8	80.8	81.0	81.0	81.0	81.1	81.1	81.3	81.3
≥ 2500	56.9	78.2	82.5	85.0	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.6	85.6	85.7	85.7
≥ 2000	58.5	81.5	86.8	89.6	89.7	89.7	90.0	90.0	90.0	90.1	90.1	90.1	90.3	90.3	90.4	90.4
≥ 1800	58.6	81.7	86.9	89.7	89.9	89.9	90.1	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.6	90.6
≥ 1500	58.6	82.2	87.6	90.6	90.8	90.8	91.4	91.4	91.4	91.5	91.5	91.5	91.8	91.8	91.9	91.9
≥ 1200	58.6	82.4	88.1	91.3	91.8	91.8	92.5	92.6	92.6	92.8	92.8	92.8	93.2	93.2	93.3	93.3
≥ 1000	58.6	82.5	88.9	92.2	92.9	92.9	93.6	93.8	93.8	94.0	94.0	94.0	94.6	94.6	94.7	94.7
≥ 900	58.6	83.1	89.4	92.9	93.8	93.8	94.4	94.6	94.6	94.9	94.9	94.9	95.4	95.4	95.6	95.6
≥ 800	58.6	83.1	89.4	92.9	93.8	93.8	94.4	94.6	94.6	94.9	94.9	94.9	95.4	95.4	95.6	95.6
≥ 700	58.6	83.1	89.6	93.1	93.9	93.9	94.6	94.7	94.7	95.1	95.1	95.1	95.7	95.7	95.8	95.8
≥ 600	58.6	83.2	89.7	93.5	94.3	94.3	95.3	95.6	95.6	96.0	96.0	96.0	96.5	96.5	96.7	96.7
≥ 500	58.6	83.2	89.7	93.6	94.6	94.9	96.0	96.3	96.3	96.7	96.7	96.7	97.2	97.2	97.4	97.4
≥ 400	58.6	83.2	89.7	94.0	95.0	95.3	96.5	96.8	96.8	97.5	97.8	97.8	98.3	98.3	98.5	98.5
≥ 300	58.6	83.2	89.7	94.0	95.0	95.3	96.5	96.8	96.8	97.6	98.1	98.1	98.6	98.6	98.8	98.8
≥ 200	58.6	83.2	89.7	94.0	95.0	95.3	96.5	96.8	96.8	97.8	98.2	98.2	98.8	98.8	98.9	98.9
≥ 100	58.6	83.2	89.9	94.2	95.1	95.4	96.7	96.9	96.9	97.9	98.6	98.6	99.2	99.2	99.6	99.6
≥ 0	58.6	83.2	89.9	94.2	95.1	95.4	96.7	96.9	96.9	97.9	98.6	98.6	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | NOV
STATION | STATION NAME | YEARS | MONTH

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	21.3	25.0	25.4	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4	26.4	26.4	26.7
≥ 20000	23.9	28.1	28.6	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.6	29.6	29.6	29.9
≥ 18000	23.9	28.1	28.6	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.6	29.6	29.6	29.9
≥ 16000	23.9	28.1	28.6	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.6	29.6	29.6	29.9
≥ 14000	23.9	28.1	28.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.3
≥ 12000	24.9	29.6	30.1	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.8
≥ 10000	26.3	32.1	32.6	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.0	34.0	34.0	34.3
≥ 9000	26.9	33.2	33.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.1	35.1	35.1	35.4
≥ 8000	29.2	36.5	37.1	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.9
≥ 7000	33.8	42.9	43.5	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.4
≥ 6000	36.3	46.8	47.4	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.3
≥ 5000	39.6	51.1	52.2	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.7
≥ 4500	44.2	57.8	59.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	61.7	61.7	61.9
≥ 4000	47.1	62.6	64.0	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.8	66.8	66.8	67.1
≥ 3500	49.3	66.7	68.5	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.7	71.7	71.7	71.9
≥ 3000	53.6	72.8	74.9	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.3	78.3	78.3	78.6
≥ 2500	55.1	76.3	78.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.8	82.8	82.8	83.1
≥ 2000	56.9	79.9	83.6	87.5	87.8	87.8	87.9	87.9	87.9	87.9	88.1	88.1	88.3	88.3	88.3	88.6
≥ 1800	57.2	80.1	84.2	88.2	88.5	88.5	88.6	88.6	88.6	88.6	88.8	88.8	89.0	89.0	89.0	89.3
≥ 1500	57.4	80.8	85.1	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.9	89.9	90.1	90.1	90.1	90.4
≥ 1200	57.5	81.1	85.6	90.0	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8	91.1	91.1	91.1	91.4
≥ 1000	57.5	81.1	85.7	90.4	91.0	91.0	91.1	91.4	91.4	91.4	91.5	91.5	91.8	91.8	91.8	92.1
≥ 900	57.6	81.3	85.8	90.7	91.3	91.3	91.4	91.7	91.7	91.7	91.8	91.8	92.1	92.1	92.1	92.4
≥ 800	57.6	81.3	85.8	90.7	91.3	91.3	91.4	91.7	91.7	91.7	91.8	91.8	92.5	92.5	92.5	92.8
≥ 700	57.6	81.3	86.1	91.1	91.7	91.7	92.1	92.4	92.4	92.4	92.5	92.5	93.2	93.2	93.2	93.5
≥ 600	57.6	81.5	86.3	91.7	92.2	92.2	92.6	93.3	93.3	93.6	93.8	93.8	94.4	94.4	94.4	94.7
≥ 500	57.6	81.7	86.7	92.1	92.6	92.8	93.2	93.9	93.9	94.4	94.6	94.6	95.3	95.3	95.3	95.6
≥ 400	57.6	81.7	86.7	92.4	93.1	93.3	94.2	94.9	94.9	95.4	96.0	96.0	96.7	96.7	96.7	96.9
≥ 300	57.6	81.7	86.7	92.4	93.2	93.5	94.3	95.3	95.3	96.0	96.5	96.5	97.4	97.4	97.4	97.6
≥ 200	57.6	81.7	86.7	92.4	93.2	93.5	94.3	95.4	95.4	96.5	97.1	97.1	97.9	97.9	98.1	98.3
≥ 100	57.6	81.7	86.7	92.4	93.2	93.5	94.3	95.4	95.4	96.5	97.4	97.4	98.2	98.2	98.9	99.2
≥ 0	57.6	81.7	86.7	92.4	93.2	93.5	94.3	95.4	95.4	96.5	97.4	97.4	98.2	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14 42 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
NOV — MONTH
0600-0800 — 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.9	23.5	23.9	23.9	24.0	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.3	24.3	24.3	24.9
≥ 20000	24.1	26.8	27.2	27.4	27.5	27.5	27.5	27.6	27.6	27.6	27.8	27.8	27.9	27.9	27.9	28.6
≥ 18000	24.1	26.8	27.2	27.4	27.5	27.5	27.5	27.6	27.6	27.6	27.8	27.8	27.9	27.9	27.9	28.6
≥ 16000	24.1	26.8	27.2	27.4	27.5	27.5	27.5	27.6	27.6	27.6	27.8	27.8	27.9	27.9	27.9	28.6
≥ 14000	24.3	27.1	27.5	27.8	27.9	27.9	27.9	28.1	28.1	28.1	28.2	28.2	28.3	28.3	28.3	29.0
≥ 12000	25.4	28.6	29.0	29.3	29.4	29.4	29.4	29.6	29.6	29.6	29.7	29.7	29.9	29.9	29.9	30.6
≥ 10000	27.4	31.0	31.4	31.8	32.1	32.1	32.2	32.4	32.4	32.4	32.5	32.5	32.6	32.6	32.6	33.3
≥ 9000	28.1	31.8	32.4	32.9	33.2	33.2	33.3	33.5	33.5	33.5	33.6	33.6	33.8	33.8	33.8	34.4
≥ 8000	30.6	35.6	36.3	36.9	37.2	37.2	37.4	37.5	37.5	37.5	37.6	37.6	37.9	37.8	37.8	38.5
≥ 7000	34.2	40.3	41.0	41.7	41.9	41.9	42.1	42.2	42.2	42.2	42.4	42.4	42.5	42.5	42.5	43.2
≥ 6000	36.9	43.8	44.6	45.4	45.7	45.7	45.8	46.0	46.0	46.0	46.1	46.1	46.3	46.3	46.3	46.9
≥ 5000	40.9	49.7	50.7	51.5	51.8	51.8	51.9	52.1	52.1	52.1	52.2	52.2	52.4	52.4	52.4	53.1
≥ 4500	44.1	53.9	54.9	55.8	56.1	56.1	56.3	56.4	56.4	56.4	56.5	56.5	56.7	56.7	56.7	57.4
≥ 4000	47.2	59.3	59.7	60.7	61.0	61.0	61.1	61.3	61.3	61.3	61.4	61.4	61.5	61.5	61.5	62.2
≥ 3500	53.1	65.3	66.7	67.6	67.9	67.9	68.1	68.2	68.2	68.2	68.3	68.3	68.5	68.5	68.5	69.2
≥ 3000	58.2	72.2	73.8	74.7	75.1	75.1	75.3	75.4	75.4	75.4	75.6	75.6	75.7	75.7	75.7	76.4
≥ 2500	61.8	77.5	79.2	80.3	80.8	80.8	81.0	81.1	81.1	81.1	81.3	81.3	81.4	81.4	81.4	82.1
≥ 2000	65.4	82.5	84.6	86.0	86.7	86.7	86.8	86.9	86.9	86.9	87.1	87.1	87.2	87.2	87.2	87.9
≥ 1800	66.0	83.1	85.1	86.7	87.4	87.4	87.5	87.6	87.6	87.6	87.8	87.8	87.9	87.9	87.9	88.6
≥ 1500	66.1	83.9	86.1	87.8	88.6	88.6	88.8	88.9	88.9	88.9	89.0	89.0	89.2	89.2	89.2	89.9
≥ 1200	66.1	84.3	86.5	88.2	89.2	89.3	89.4	89.7	89.7	89.7	89.9	89.9	90.0	90.0	90.0	90.7
≥ 1000	66.3	84.9	87.1	88.9	89.9	90.0	90.3	90.6	90.6	90.7	90.8	90.8	91.0	91.0	91.0	91.7
≥ 900	66.7	85.3	87.5	89.4	90.6	90.7	91.0	91.3	91.3	91.4	91.5	91.5	91.7	91.7	91.7	92.4
≥ 800	66.7	85.6	87.9	90.0	91.3	91.4	91.8	92.1	92.1	92.4	92.5	92.5	92.8	92.8	92.8	93.5
≥ 700	66.7	85.8	88.2	90.6	91.9	92.1	92.5	92.9	92.9	93.3	93.8	93.8	94.0	94.0	94.0	94.7
≥ 600	66.7	85.8	88.2	90.6	92.1	92.2	92.6	93.1	93.1	93.5	93.9	93.9	94.2	94.2	94.2	94.9
≥ 500	66.7	85.8	88.3	90.8	92.4	92.5	92.9	93.5	93.5	94.0	94.6	94.6	95.1	95.1	95.1	95.8
≥ 400	66.7	85.8	88.3	90.8	92.5	92.6	93.6	94.3	94.3	94.9	96.0	96.0	96.8	96.8	96.8	97.5
≥ 300	66.7	85.8	88.3	90.8	92.6	92.8	93.8	94.4	94.4	95.4	96.5	96.5	97.4	97.4	97.4	98.1
≥ 200	66.7	85.8	88.3	91.0	92.8	92.9	93.9	94.6	94.6	95.7	96.8	96.8	97.9	97.9	98.1	98.8
≥ 100	66.7	85.8	88.3	91.0	92.8	92.9	93.9	94.7	94.7	95.8	96.9	96.9	98.2	98.2	98.3	99.2
≥ 0	66.7	85.8	88.3	91.0	92.8	92.9	93.9	94.7	94.7	95.8	96.9	96.9	98.2	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | NOV
STATION | STATION NAME | YEARS | MONTH

0900-1100
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	≥ ⅝	≥ ½	≥5/16	≥ ¼	≥ 0
NO CEILING	21.1	22.5	23.6	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.3
≥ 20000	25.1	27.1	27.4	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.1
≥ 18000	25.1	27.1	27.4	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.1
≥ 6000	25.1	27.1	27.4	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.1
≥ 14000	25.7	27.6	27.9	28.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 12000	26.7	29.0	29.3	29.7	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.0
≥ 10000	30.0	32.4	32.6	33.2	33.5	33.5	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.8	33.8	33.9
≥ 9000	31.3	34.0	34.3	35.0	35.3	35.3	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7
≥ 8000	34.9	37.9	38.2	38.9	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.6
≥ 7000	36.9	39.9	40.1	40.8	41.3	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 6000	38.1	41.7	41.9	42.6	43.1	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8
≥ 5000	41.9	46.3	46.5	47.2	47.8	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.5
≥ 4500	46.1	51.1	51.4	52.1	52.6	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
≥ 4000	50.8	57.2	57.5	58.5	59.0	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 3500	57.1	64.3	64.9	66.3	66.9	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 3000	63.8	72.2	72.9	74.0	75.3	75.6	75.8	76.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 2500	67.4	76.5	77.2	78.3	79.6	79.9	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 2000	71.3	81.4	82.4	83.6	84.9	85.1	85.8	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 1800	71.7	81.9	82.9	84.2	85.4	85.7	86.4	86.8	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.2
≥ 1500	72.1	82.9	83.9	85.3	86.5	86.8	87.5	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.5
≥ 1200	72.1	83.8	84.7	86.1	87.4	87.8	88.5	89.6	89.6	89.7	89.9	89.9	89.9	89.9	89.9	90.0
≥ 1000	72.1	84.2	85.1	86.7	88.1	88.5	89.3	90.4	90.4	90.7	90.8	90.8	90.8	90.8	90.8	91.0
≥ 900	72.2	84.4	85.6	86.9	88.5	88.9	89.7	91.0	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.5
≥ 800	72.2	84.4	85.6	86.9	88.9	89.3	90.3	91.7	91.7	92.1	92.2	92.2	92.4	92.4	92.4	92.5
≥ 700	72.4	84.7	85.8	87.2	89.3	89.7	91.0	92.4	92.4	92.8	93.1	93.1	93.2	93.2	93.2	93.3
≥ 600	72.4	85.1	86.1	87.6	90.0	90.4	91.7	93.1	93.1	93.6	93.9	93.9	94.0	94.0	94.0	94.2
≥ 500	72.4	85.0	86.1	87.8	90.6	91.1	92.6	94.0	94.0	94.7	95.3	95.3	95.6	95.6	95.6	95.7
≥ 400	72.4	85.0	86.1	88.1	90.8	91.5	93.1	94.4	94.4	95.1	96.1	96.1	96.8	96.8	96.8	96.9
≥ 300	72.4	85.0	86.1	88.1	91.1	91.8	93.5	95.0	95.0	95.7	96.7	96.7	97.6	97.6	97.6	97.8
≥ 200	72.4	85.0	86.1	88.1	91.1	92.1	93.8	95.6	95.6	96.4	97.5	97.5	98.9	98.9	98.9	99.2
≥ 100	72.4	85.0	86.1	88.1	91.1	92.1	93.8	95.6	95.6	96.4	97.5	97.5	99.2	99.3	99.3	99.9
≥ 0	72.4	85.0	86.1	88.1	91.1	92.1	93.8	95.6	95.6	96.4	97.5	97.5	99.2	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥0
NO CEILING	22.3	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 20000	29.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 18000	30.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 16000	30.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 14000	31.3	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 12000	34.0	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 10000	36.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 9000	37.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 8000	40.8	44.0	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 7000	43.3	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5
≥ 6000	44.7	48.8	48.8	48.8	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4
≥ 5000	48.3	52.4	52.4	52.4	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
≥ 4500	51.9	55.8	55.8	56.0	56.7	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4000	56.7	61.3	61.3	61.4	62.2	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 3500	64.4	69.7	69.7	70.0	71.0	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3000	71.3	78.1	78.1	78.3	79.3	79.6	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500	73.6	82.4	82.4	82.6	83.8	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2000	76.5	86.3	86.3	86.5	87.6	88.3	88.6	88.6	88.6	88.9	89.0	89.0	89.0	89.0	89.0
≥ 1800	76.8	86.5	86.5	86.8	87.9	88.6	88.9	88.9	88.9	89.2	89.3	89.3	89.3	89.3	89.3
≥ 1500	77.2	87.6	87.6	88.2	89.3	90.1	90.6	90.6	90.6	91.0	91.1	91.1	91.1	91.1	91.1
≥ 1200	77.6	88.6	88.8	89.3	90.4	91.3	91.7	91.7	91.7	92.2	92.4	92.4	92.4	92.4	92.4
≥ 1000	77.9	89.7	89.9	90.4	91.5	92.4	92.9	93.1	93.1	93.9	94.0	94.0	94.0	94.0	94.0
≥ 900	78.1	89.9	90.0	90.7	91.9	92.8	93.3	93.8	93.8	94.6	94.7	94.7	94.7	94.7	94.7
≥ 800	78.1	90.0	90.4	91.3	92.6	93.5	94.2	94.6	94.6	95.6	95.8	95.8	95.8	95.8	95.8
≥ 700	78.1	90.0	90.6	91.5	93.1	93.9	94.6	95.1	95.1	96.1	96.4	96.4	96.4	96.4	96.4
≥ 600	78.1	90.0	90.6	91.5	93.3	94.4	95.1	95.7	95.7	96.9	97.4	97.4	97.4	97.4	97.4
≥ 500	78.1	90.0	90.7	91.7	93.6	94.9	95.6	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98.1
≥ 400	78.1	90.0	90.8	91.9	93.9	95.3	96.3	96.8	96.8	98.1	98.8	98.8	99.0	99.2	99.2
≥ 300	78.1	90.0	90.8	91.9	93.9	95.3	96.3	96.8	96.8	98.2	98.9	98.9	99.2	99.3	99.3
≥ 200	78.1	90.0	90.8	91.9	93.9	95.3	96.3	96.9	96.9	98.3	99.3	99.3	99.6	99.7	99.7
≥ 100	78.1	90.0	90.8	91.9	93.9	95.3	96.3	96.9	96.9	98.3	99.6	99.6	99.9	100.0	100.0
≥ 0	78.1	90.0	90.8	91.9	93.9	95.3	96.3	96.9	96.9	98.3	99.6	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 20000	32.5	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 18000	32.9	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 16000	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 14000	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 12000	37.5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 10000	40.3	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 9000	40.7	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 8000	43.5	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 7000	46.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 6000	48.2	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 5000	53.5	55.6	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4500	57.5	59.9	60.4	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 4000	63.8	67.4	67.9	68.3	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 3500	70.4	75.4	76.1	76.5	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	73.2	80.3	81.0	81.7	82.2	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500	76.5	84.6	85.7	86.5	87.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	78.5	87.8	89.3	90.1	90.8	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	79.5	87.9	89.6	90.4	91.1	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	78.5	88.3	90.1	91.1	92.1	92.4	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	78.8	89.0	91.1	92.1	93.3	93.6	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	78.9	89.3	91.7	92.6	93.9	94.2	95.1	95.1	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	78.9	89.3	91.7	92.8	94.0	94.3	95.3	95.4	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.9
≥ 800	78.9	89.3	91.7	92.9	94.2	94.4	95.4	95.6	95.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	78.9	89.3	91.7	92.9	94.3	94.6	95.6	95.8	95.8	96.0	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	78.9	89.3	91.7	92.9	94.3	94.6	95.8	96.1	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	79.0	89.4	91.8	93.1	94.7	95.0	96.7	96.9	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	79.0	89.4	91.8	93.1	94.9	95.1	96.8	97.1	97.1	97.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 300	79.0	89.4	91.8	93.1	94.9	95.1	96.8	97.1	97.1	97.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 200	79.0	89.4	91.8	93.1	94.9	95.1	96.8	97.1	97.1	97.8	99.2	99.2	99.3	99.3	99.4	99.4
≥ 100	79.0	89.4	91.8	93.1	94.9	95.1	96.8	97.1	97.1	97.9	99.4	99.4	99.6	99.6	99.9	99.9
≥ 0	79.1	89.4	91.8	93.1	94.9	95.1	96.8	97.1	97.1	97.9	99.4	99.4	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 72...

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

...L CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.1	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.0	26.0	26.0	26.0
≥ 20000	29.3	31.3	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.8	31.8
≥ 18000	29.4	31.5	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1	32.1	32.1	32.1
≥ 16000	29.4	31.7	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2
≥ 14000	31.0	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.8	33.8	33.8	33.8
≥ 12000	33.3	35.7	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.3	36.3	36.3	36.3
≥ 10000	35.3	38.2	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.8	38.8	38.8	38.8
≥ 9000	37.1	40.0	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.6	40.6	40.6	40.6
≥ 8000	39.7	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0
≥ 7000	42.9	46.9	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5
≥ 6000	46.5	51.3	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.1
≥ 5000	51.7	58.2	59.1	59.2	59.	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3
≥ 4500	55.3	62.1	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6
≥ 4000	58.5	68.2	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7
≥ 3500	62.9	74.6	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9
≥ 3000	66.3	80.6	82.5	83.5	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
≥ 2500	67.5	82.5	84.6	85.7	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 2000	69.2	84.4	86.9	88.5	89.4	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 1800	69.2	85.1	87.6	89.4	90.4	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3
≥ 1500	69.2	85.4	88.3	90.1	91.1	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 1200	69.2	85.7	88.8	90.6	92.4	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5
≥ 1000	69.2	85.8	88.9	91.0	92.9	93.5	94.0	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 900	69.2	86.1	89.2	91.4	93.3	93.9	94.6	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 800	69.2	86.1	89.3	91.5	93.6	94.2	94.9	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 700	69.2	86.1	89.3	91.7	93.9	94.4	95.1	96.0	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.3
≥ 600	69.2	86.1	89.3	91.8	94.0	94.6	95.4	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 500	69.2	86.1	89.3	91.8	94.2	94.7	95.7	96.5	96.5	96.7	96.9	96.9	97.1	97.1	97.1	97.1
≥ 400	69.2	86.1	89.3	92.1	94.7	95.3	96.7	97.6	97.6	97.8	98.1	98.1	98.2	98.2	98.2	98.2
≥ 300	69.2	86.1	89.4	92.2	94.9	95.4	96.9	98.1	98.1	98.2	98.8	98.8	98.9	98.9	98.9	98.9
≥ 200	69.2	86.1	89.4	92.2	94.9	95.4	96.9	98.1	98.1	98.5	99.2	99.2	99.4	99.4	99.4	99.4
≥ 100	69.2	86.1	89.4	92.2	94.9	95.4	96.9	98.1	98.1	98.5	99.2	99.2	99.4	99.4	99.4	99.4
≥ 0	69.2	86.3	89.6	92.4	95.0	95.6	97.1	98.2	98.2	98.6	99.3	99.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 723

GL PAL CLIMATOLOGY BRANCH
USAFETAC
A[illegible]EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.5	26.9	26.9	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.2	27.2	27.2	27.4
≥ 20000	26.9	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.1
≥ 18000	26.9	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.1
≥ 16000	26.9	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.1
≥ 14000	26.9	31.3	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.7
≥ 12000	28.6	32.9	32.9	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.4
≥ 10000	30.9	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.6
≥ 9000	31.9	36.5	36.5	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.9
≥ 8000	34.3	39.4	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.9
≥ 7000	37.9	44.3	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.9	44.9	44.9	45.0
≥ 6000	42.2	48.8	48.9	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.6
≥ 5000	47.9	56.1	56.4	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.4
≥ 4500	50.7	60.3	60.6	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.5
≥ 4000	53.3	65.1	66.0	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.4
≥ 3500	57.6	70.8	72.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.8
≥ 3000	60.4	75.7	77.5	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.7
≥ 2500	62.4	80.6	83.1	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.4
≥ 2000	63.5	84.3	87.2	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.2
≥ 1800	63.6	84.7	87.9	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	91.0
≥ 1500	63.6	85.7	89.0	91.4	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	93.1
≥ 1200	63.6	86.0	89.4	91.9	92.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.0
≥ 1000	63.6	86.1	89.6	92.2	93.2	93.3	94.0	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.7
≥ 900	63.6	86.1	89.7	92.5	93.5	93.6	94.3	94.6	94.6	94.7	94.7	94.7	94.9	94.9	94.9	95.0
≥ 800	63.6	86.3	89.9	92.6	93.6	93.9	94.6	95.0	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.4
≥ 700	63.6	86.3	89.9	92.6	93.6	93.9	94.6	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.6
≥ 600	63.6	86.3	89.9	92.8	93.9	94.0	94.7	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.7
≥ 500	63.6	86.3	90.0	93.5	94.6	94.7	95.4	96.0	96.0	96.1	96.5	96.5	96.7	96.7	96.7	96.8
≥ 400	63.6	86.3	90.0	93.9	95.1	95.3	96.0	96.5	96.5	96.7	97.2	97.2	97.4	97.4	97.4	97.5
≥ 300	63.6	86.3	90.0	93.9	95.1	95.4	96.4	96.9	96.9	97.2	97.8	97.8	97.9	97.9	97.9	98.0
≥ 200	63.6	86.3	90.0	93.9	95.1	95.4	96.7	97.2	97.2	98.1	99.0	99.0	99.2	99.2	99.2	99.4
≥ 100	63.6	86.3	90.0	93.9	95.1	95.4	96.7	97.2	97.2	98.1	99.0	99.0	99.3	99.3	99.3	99.6
≥ 0	63.6	86.3	90.0	93.9	95.1	95.4	96.7	97.2	97.2	98.1	99.0	99.2	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 72

USAF ETAC FORM JUL 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L...RAL CLIMATOLOGY BRANCH
...F ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-42 | BURLINGTON INTL VT | 73-80 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.6	24.9	25.1	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.5	25.5	25.6
≥ 20000	26.3	29.6	29.9	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.4	30.5
≥ 18000	27.0	29.7	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.5	30.5	30.5	30.6
≥ 17000	27.1	29.8	30.1	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.6	30.7
≥ 16000	27.6	30.4	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.2	31.2	31.4
≥ 15000	29.1	32.8	33.0	33.4	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.6	33.7
≥ 14000	31.9	35.4	35.7	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.5
≥ 13000	32.7	36.6	36.9	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.6	37.7
≥ 12000	35.4	39.8	40.1	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8	40.8	40.9	40.9	41.0
≥ 11000	38.7	43.2	44.3	44.7	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.3
≥ 10000	41.3	47.2	47.6	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.6	48.6	48.7
≥ 9000	45.7	53.0	53.5	54.1	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.7	54.8
≥ 8000	49.5	57.6	58.3	59.1	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.9
≥ 7000	53.6	63.1	64.0	64.9	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.7
≥ 6000	58.5	69.7	70.9	72.0	72.4	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.9
≥ 5000	62.9	75.9	77.4	78.7	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.9
≥ 4500	65.2	79.8	81.7	83.2	83.8	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.5
≥ 4000	67.5	83.5	85.9	87.6	88.4	88.5	88.8	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.3
≥ 3500	67.7	83.9	86.4	88.2	88.9	89.1	89.4	89.5	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.9
≥ 3000	67.8	84.6	87.2	89.2	90.1	90.3	90.7	90.9	90.9	90.9	91.0	91.0	91.2	91.2	91.2	91.3
≥ 2500	67.9	85.1	87.9	89.9	91.0	91.2	91.7	92.0	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.5
≥ 2000	68.1	85.5	88.4	90.6	91.7	92.0	92.6	92.9	92.9	93.1	93.2	93.2	93.4	93.4	93.4	93.6
≥ 1800	68.1	85.7	88.6	90.9	92.1	92.4	93.0	93.4	93.4	93.6	93.8	93.8	93.9	93.9	93.9	94.1
≥ 1600	68.1	85.7	88.8	91.1	92.4	92.7	93.4	93.8	93.8	94.1	94.3	94.3	94.5	94.5	94.5	94.7
≥ 1400	68.1	85.8	88.9	91.3	92.7	93.0	93.8	94.3	94.3	94.6	94.8	94.8	95.1	95.1	95.1	95.2
≥ 1200	68.1	85.9	89.0	91.5	93.0	93.4	94.2	94.8	94.8	95.2	95.4	95.4	95.7	95.7	95.7	95.9
≥ 1000	68.1	85.9	89.1	91.8	93.4	93.8	94.8	95.4	95.4	95.9	96.3	96.3	96.6	96.6	96.6	96.8
≥ 900	68.1	85.9	89.1	92.0	93.8	94.2	95.4	96.1	96.1	96.6	97.3	97.3	97.7	97.7	97.8	97.9
≥ 800	68.1	85.9	89.1	92.0	93.8	94.3	95.6	96.3	96.3	97.0	97.7	97.7	98.2	98.2	98.3	98.4
≥ 700	68.1	85.9	89.1	92.1	93.9	94.4	95.6	96.5	96.5	97.4	98.3	98.3	98.9	98.9	99.0	99.1
≥ 600	68.1	85.9	89.1	92.1	93.9	94.4	95.7	96.5	96.5	97.4	98.5	98.5	99.1	99.1	99.3	99.6
≥ 500	68.1	86.0	89.1	92.1	93.9	94.4	95.7	96.5	96.5	97.4	98.5	98.5	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 576

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
...42	BURLINGTON INTL VT	73-80	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.5	24.9	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 20000	24.7	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 18000	24.7	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 6000	24.7	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 14000	25.1	29.4	29.4	29.4	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 12000	25.9	30.1	30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 10000	28.1	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 9000	28.9	33.2	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 8000	30.3	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 7000	33.6	39.1	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 6000	36.4	42.1	42.3	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 5000	40.5	48.7	49.3	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 4500	42.1	51.7	53.1	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 4000	43.4	53.9	55.4	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 3500	47.2	59.1	61.4	62.3	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 3000	50.0	64.5	67.5	68.7	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 2500	52.7	70.4	73.5	75.1	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1
≥ 2000	54.2	73.7	77.7	80.8	81.6	82.0	82.1	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.7	82.7
≥ 800	54.2	73.8	77.8	80.9	81.9	82.4	82.5	82.5	82.7	82.9	82.9	82.9	82.9	82.9	83.1	83.1
≥ 1500	55.0	75.5	80.1	83.9	85.3	85.9	86.2	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 1200	55.1	76.1	80.9	85.3	86.8	87.4	87.6	87.6	87.8	88.3	88.3	88.3	88.3	88.3	88.4	88.4
≥ 1000	55.0	76.2	81.2	85.8	87.8	88.4	89.0	89.2	89.4	90.2	90.3	90.3	90.3	90.3	90.5	90.5
≥ 900	55.1	76.2	81.2	85.8	87.8	88.4	89.0	89.2	89.4	90.2	90.3	90.3	90.3	90.3	90.5	90.5
≥ 800	55.1	76.2	81.2	86.0	88.0	88.7	89.5	89.8	89.9	90.9	91.1	91.1	91.1	91.1	91.3	91.3
≥ 700	55.1	76.5	81.5	86.3	88.3	89.1	90.1	90.3	90.5	91.8	92.1	92.1	92.1	92.1	92.2	92.2
≥ 600	55.2	77.0	82.1	87.0	89.0	89.8	91.3	91.5	91.7	93.0	93.3	93.3	93.3	93.3	93.4	93.4
≥ 500	55.2	77.2	82.3	87.4	89.4	90.6	92.7	93.1	93.3	94.8	95.0	95.0	95.3	95.3	95.4	95.4
≥ 400	55.2	77.3	82.4	87.6	89.7	90.9	93.0	93.4	93.5	95.0	95.6	95.6	95.8	95.8	96.2	96.2
≥ 300	55.2	77.4	82.5	87.8	89.8	91.0	93.1	94.1	94.2	96.2	97.2	97.2	97.4	97.4	97.8	97.8
≥ 200	55.2	77.4	82.5	87.9	89.9	91.1	93.3	94.6	94.8	96.9	97.8	97.8	98.3	98.3	98.9	98.9
≥ 100	55.2	77.4	82.5	87.9	89.9	91.1	93.3	94.6	94.8	97.0	98.1	98.1	98.5	98.5	99.3	99.6
≥ 0	55.2	77.4	82.5	87.9	89.9	91.1	93.3	94.6	94.8	97.0	98.1	98.1	98.5	98.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.3	25.9	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 20000	24.2	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 18000	24.2	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 16000	24.2	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 14000	24.7	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 12000	25.5	30.2	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 10000	27.7	32.7	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 9000	27.8	33.1	33.2	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 8000	28.6	34.4	34.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 7000	30.1	36.7	37.0	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 6000	31.3	38.6	38.8	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 5000	35.6	46.2	46.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 4500	38.7	51.7	52.2	53.6	54.0	54.	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 4000	40.6	54.2	54.8	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 3500	42.6	58.9	60.1	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3000	46.3	65.9	67.3	70.2	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500	48.4	70.2	72.4	75.7	76.6	76.9	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2000	49.6	73.4	76.5	80.8	81.9	82.1	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	49.6	73.7	77.0	81.3	82.5	82.8	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	50.4	75.9	79.4	84.3	85.8	86.2	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	50.4	76.3	80.0	85.3	86.8	87.2	87.8	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	50.4	77.0	80.6	86.2	88.2	88.6	89.4	90.3	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	50.5	77.7	81.3	87.2	89.2	89.7	90.7	91.7	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 800	50.5	77.7	81.3	87.2	89.2	89.7	90.7	91.7	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	50.5	77.7	81.3	87.4	89.4	89.8	90.9	92.1	92.1	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	50.9	78.8	82.4	88.4	90.5	90.9	92.1	93.3	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	50.9	78.8	82.4	88.4	90.9	91.4	92.7	94.1	94.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 400	50.9	78.8	82.5	88.8	91.3	91.8	93.4	94.9	94.9	96.2	96.2	96.2	96.5	96.6	96.6	96.6
≥ 300	50.9	78.8	82.5	89.1	91.7	92.2	94.2	96.0	96.0	97.7	98.0	98.0	98.4	98.5	98.5	98.5
≥ 200	50.9	78.8	82.5	89.1	91.7	92.2	94.4	96.2	96.2	98.3	98.5	98.5	99.2	99.3	99.6	99.6
≥ 100	50.9	78.8	82.5	89.1	91.7	92.2	94.4	96.2	96.2	98.3	98.5	98.5	99.3	99.5	99.7	99.9
≥ 0	50.9	78.8	82.5	89.1	91.7	92.2	94.4	96.2	96.2	98.3	98.5	98.5	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.8	21.4	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 20000	23.4	26.2	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 18000	23.6	26.2	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 16000	23.3	26.5	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 14000	24.2	27.1	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 12000	26.6	29.5	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 10000	28.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 9000	29.1	32.2	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 8000	30.9	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 7000	33.4	36.5	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 6000	36.2	41.9	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	42.4
≥ 5000	40.2	47.6	47.8	48.3	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 4500	42.7	51.8	52.2	52.5	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 4000	45.5	55.5	56.1	56.3	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 3500	49.7	61.8	62.3	62.6	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 3000	54.1	69.9	70.5	70.8	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 2500	55.1	73.4	74.4	74.8	75.8	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 2000	58.1	77.1	79.1	80.2	81.3	81.8	82.4	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1800	58.4	78.3	80.1	81.4	82.6	83.2	83.7	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	59.0	80.3	82.1	83.6	84.9	85.6	86.3	86.5	86.5	86.8	86.9	86.9	87.2	87.2	87.2	87.2
≥ 1200	59.2	81.2	83.0	84.7	86.1	86.8	87.5	87.9	87.9	88.2	88.3	88.3	88.6	88.6	88.6	88.6
≥ 1000	59.2	81.8	84.0	85.7	87.3	88.0	88.7	89.5	89.5	90.0	90.2	90.2	90.6	90.6	90.6	90.6
≥ 900	59.5	82.8	84.9	86.8	88.6	89.2	89.9	90.7	90.7	91.7	91.8	91.8	92.2	92.2	92.2	92.2
≥ 800	59.5	83.2	85.3	87.2	89.0	89.6	90.3	91.1	91.1	92.3	92.5	92.5	92.9	92.9	92.9	92.9
≥ 700	59.5	83.6	86.0	87.9	89.6	90.4	91.4	92.3	92.3	93.7	93.8	93.8	94.2	94.2	94.2	94.2
≥ 600	59.5	83.7	86.3	88.4	90.2	91.0	92.1	93.1	93.1	94.6	94.8	94.8	95.3	95.3	95.3	95.3
≥ 500	59.6	84.0	86.7	89.0	91.3	92.2	93.3	94.3	94.3	96.1	96.2	96.2	96.8	96.8	96.8	96.8
≥ 400	59.6	84.0	86.7	89.1	91.4	92.3	93.7	94.9	94.9	96.9	97.0	97.0	98.0	98.0	98.1	98.1
≥ 300	59.6	84.0	86.7	89.1	91.4	92.3	93.7	94.9	94.9	96.9	97.0	97.0	98.1	98.1	98.3	98.3
≥ 200	60.0	84.4	87.1	89.5	91.8	92.7	94.1	95.4	95.4	97.7	97.8	97.8	98.9	98.9	99.2	99.2
≥ 100	60.0	84.4	87.1	89.5	91.8	92.7	94.1	95.6	95.6	98.3	98.5	98.5	99.7	99.7	100.0	100.0
≥ 0	60.0	84.4	87.1	89.5	91.8	92.7	94.1	95.6	95.6	98.3	98.5	98.5	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	23.3	24.3	24.5	24.9	25.4	25.5	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 20000	29.7	30.1	30.2	30.6	31.2	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 18000	29.7	30.1	30.2	30.6	31.2	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 16000	29.4	30.5	30.6	31.0	31.6	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 14000	31.2	32.3	32.4	32.8	33.3	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 12000	33.5	34.8	34.9	35.3	35.9	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 10000	36.3	38.0	38.2	38.6	39.1	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 9000	36.6	38.3	38.4	38.8	39.4	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 8000	37.9	39.8	39.9	40.3	40.9	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 7000	41.3	43.1	43.3	43.7	44.2	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 6000	43.7	45.7	45.8	46.2	46.8	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 5000	46.5	49.5	49.6	50.1	50.8	50.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 4500	49.2	53.0	53.2	53.9	54.6	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 4000	51.1	55.5	55.8	56.5	57.1	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 3500	56.7	62.8	63.0	63.7	64.5	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3000	60.8	69.4	70.2	71.0	71.9	72.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2500	64.0	73.1	74.1	75.4	76.5	77.2	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
≥ 2000	64.7	74.7	75.9	77.4	78.6	80.1	81.6	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9
≥ 1800	64.9	75.5	76.9	78.4	79.6	81.2	82.9	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 1500	65.5	77.4	78.8	80.2	81.6	83.3	85.2	85.9	85.9	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 1200	66.1	78.6	80.0	81.6	82.9	84.7	86.7	87.4	87.4	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 1000	66.3	79.2	80.6	82.7	84.0	86.0	88.2	89.0	89.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 900	66.7	80.1	81.6	83.6	84.9	87.0	89.4	90.2	90.2	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 800	66.7	80.4	81.9	84.0	85.3	87.4	89.9	90.7	90.7	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 700	66.7	80.8	82.3	84.5	86.0	88.0	90.7	91.8	91.8	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 600	66.7	80.8	82.5	85.1	86.6	88.7	91.4	92.5	92.5	94.5	94.6	94.6	94.8	94.8	94.8	94.8
≥ 500	66.7	80.8	82.5	85.1	86.7	89.2	92.1	93.3	93.3	95.7	96.0	96.0	96.1	96.1	96.1	96.1
≥ 400	66.9	80.9	82.7	85.2	86.8	89.4	92.2	93.4	93.4	96.2	97.0	97.0	97.4	97.4	97.4	97.4
≥ 300	66.8	80.9	82.7	85.2	86.8	89.5	92.6	93.8	93.8	96.9	97.7	97.7	98.3	98.3	98.3	98.3
≥ 200	66.8	81.2	82.9	85.5	87.1	89.8	93.0	94.2	94.2	97.4	98.3	98.3	98.9	99.3	99.3	99.3
≥ 100	66.8	81.2	82.9	85.5	87.1	89.8	93.1	94.4	94.4	97.6	98.7	98.7	99.3	99.7	100.0	100.0
≥ 0	66.8	81.2	82.9	85.5	87.1	89.8	93.1	94.4	94.4	97.6	98.7	98.7	99.3	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.7	25.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 20000	30.1	31.9	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 18000	30.2	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 17000	30.6	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 14000	31.7	33.2	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 12000	35.6	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 10000	38.7	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 9000	39.5	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 8000	41.9	44.0	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 7000	45.2	47.7	48.1	48.1	48.3	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 6000	46.1	48.7	49.1	49.1	49.3	49.3	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 5000	49.7	53.2	54.1	54.3	54.7	54.7	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 4500	51.7	56.3	57.1	57.4	57.9	57.9	58.2	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4000	55.4	60.1	61.3	61.6	62.1	62.2	62.5	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 3500	61.7	67.7	69.1	69.4	70.2	70.3	70.6	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	66.9	74.6	76.1	76.6	77.7	77.8	78.1	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2500	68.1	77.0	78.9	79.7	80.9	81.0	81.5	81.7	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	69.0	79.0	81.2	82.3	83.7	84.0	84.5	85.1	85.1	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	69.0	79.3	81.5	82.5	84.0	84.4	84.9	85.5	85.5	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	69.2	80.4	82.7	83.9	85.9	86.7	88.0	88.7	88.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	69.4	80.9	83.5	84.9	87.1	88.2	89.7	90.3	90.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	69.4	81.2	83.9	85.8	88.2	89.4	91.0	91.8	91.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	69.5	81.6	84.3	86.2	88.7	89.9	91.8	92.6	92.6	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	69.5	81.7	84.4	86.4	89.0	90.3	92.2	93.0	93.0	95.4	95.6	95.6	95.7	95.7	95.8	95.8
≥ 700	69.5	81.7	84.4	86.4	89.0	90.3	92.2	93.0	93.0	95.4	95.6	95.6	95.7	95.7	95.8	95.8
≥ 600	69.5	82.3	85.1	87.2	89.8	91.3	93.1	94.0	94.0	96.5	96.6	96.6	96.8	96.8	96.9	96.9
≥ 500	69.5	82.3	85.1	87.2	89.8	91.3	93.1	94.1	94.1	96.8	97.0	97.0	97.2	97.2	97.4	97.4
≥ 400	69.5	82.3	85.2	87.4	90.2	91.9	93.8	94.9	94.9	97.8	98.1	98.1	98.5	98.5	98.8	98.8
≥ 300	69.5	82.3	85.2	87.4	90.2	92.1	94.0	95.0	95.0	98.0	98.3	98.3	98.7	98.7	98.9	98.9
≥ 200	69.5	82.4	85.3	87.5	90.3	92.3	94.4	95.4	95.4	98.4	98.8	98.8	99.5	99.5	99.7	99.7
≥ 100	69.5	82.4	85.3	87.5	90.3	92.3	94.4	95.4	95.4	98.4	98.8	98.8	99.6	99.6	100.0	100.0
≥ 0	69.5	82.4	85.3	87.5	90.3	92.3	94.4	95.4	95.4	98.4	98.8	98.8	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.1	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 20000	30.8	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 18000	31.1	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 16000	31.1	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 14000	31.6	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 12000	36.0	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9
≥ 10000	40.1	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 9000	41.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 8000	43.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 7000	46.4	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 6000	47.7	50.1	50.1	50.3	50.5	50.5	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 5000	51.5	54.2	54.2	54.3	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 4500	53.1	56.7	56.7	56.9	57.1	57.1	57.1	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 4000	57.1	61.2	61.2	61.4	61.8	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 3500	65.7	71.0	71.0	71.6	72.0	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	69.1	76.5	76.9	78.1	78.8	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	70.4	78.8	79.3	80.6	81.5	82.1	82.5	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	71.4	80.8	81.3	82.9	84.1	84.8	85.5	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800	71.5	81.0	81.6	83.3	84.5	85.2	85.9	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	71.9	82.3	82.9	84.9	86.6	87.5	88.6	89.0	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	72.0	83.6	84.5	86.8	88.6	89.7	91.0	91.7	91.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	72.0	84.0	84.9	87.8	89.7	90.9	92.2	93.3	93.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	72.1	84.1	85.1	87.9	89.8	91.0	92.3	93.4	93.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	72.0	84.3	85.2	88.0	90.1	91.3	92.7	94.0	94.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	72.0	84.4	85.3	88.2	90.2	91.4	92.9	94.1	94.1	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	72.0	84.4	85.5	88.3	90.3	91.5	93.0	94.2	94.2	96.0	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	72.0	84.4	85.5	88.3	90.3	91.5	93.0	94.2	94.2	96.5	97.0	97.0	97.3	97.3	97.3	97.3
≥ 400	72.0	84.4	85.6	88.6	90.7	92.1	93.7	94.9	94.9	97.2	97.7	97.7	98.1	98.1	98.1	98.1
≥ 300	72.0	84.4	85.6	88.6	90.9	92.2	93.8	95.2	95.2	97.6	98.1	98.1	98.7	98.7	98.7	98.7
≥ 200	72.0	84.4	85.6	88.6	90.9	92.2	93.8	95.2	95.2	97.6	98.3	98.3	98.8	98.8	98.8	98.8
≥ 100	72.0	84.4	85.6	88.6	90.9	92.2	94.0	95.4	95.4	98.1	98.8	98.8	99.6	99.6	99.6	99.7
≥ 0	72.0	84.4	85.6	88.6	90.9	92.2	94.0	95.4	95.4	98.1	98.8	98.8	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.2	28.5	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29.0	29.0
≥ 20000	29.7	31.6	32.1	32.1	32.	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.3	32.3
≥ 18000	30.1	32.0	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.7	32.7
≥ 16000	30.2	32.3	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.9	32.9
≥ 14000	30.5	32.7	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.3
≥ 12000	34.4	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	37.2	37.2
≥ 10000	37.5	40.1	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7
≥ 9000	37.8	40.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.3	41.3
≥ 8000	39.0	41.8	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.5	42.5
≥ 7000	42.2	45.0	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7
≥ 6000	44.2	47.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.3	48.4
≥ 5000	50.0	54.0	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.4	55.5
≥ 4500	51.6	56.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.7
≥ 4000	53.9	59.8	61.3	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.8
≥ 3500	58.7	67.2	69.1	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.9
≥ 3000	63.4	75.9	78.4	79.2	79.7	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.4	80.5
≥ 2500	63.7	77.7	80.1	81.3	81.9	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.7
≥ 2000	64.7	79.7	82.4	84.0	84.8	84.9	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.6	85.8
≥ 1800	64.7	80.0	82.7	84.3	85.1	85.2	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.9	86.0
≥ 1500	65.3	81.6	84.7	86.3	87.2	87.8	88.3	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.8	89.0
≥ 1200	65.3	82.4	85.6	87.9	89.1	89.9	90.7	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.5	91.7
≥ 1000	65.3	82.5	85.8	88.2	89.7	90.7	91.8	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.1	93.3
≥ 900	65.3	82.7	86.0	88.6	90.1	91.1	92.2	93.0	93.0	93.7	93.7	93.7	93.7	93.7	93.8	94.0
≥ 800	65.3	82.8	86.3	88.8	90.5	91.5	92.6	93.4	93.4	94.1	94.1	94.1	94.1	94.1	94.2	94.4
≥ 700	65.3	82.9	86.4	89.0	90.6	91.7	92.7	93.5	93.5	94.5	94.5	94.5	94.5	94.5	94.6	94.8
≥ 600	65.3	82.9	86.4	89.0	90.9	91.9	93.1	94.1	94.1	95.0	95.0	95.0	95.0	95.0	95.2	95.3
≥ 500	65.3	82.9	86.4	89.1	91.0	92.1	93.4	94.4	94.4	95.3	95.3	95.3	95.3	95.3	95.4	95.6
≥ 400	65.3	83.1	86.7	89.7	91.7	92.9	94.2	95.2	95.2	96.1	96.5	96.5	96.5	96.5	96.6	96.8
≥ 300	65.3	83.1	86.7	89.7	91.8	93.1	94.5	95.6	95.6	96.5	97.0	97.0	97.3	97.3	97.4	97.6
≥ 200	65.3	83.1	86.7	89.7	91.8	93.1	94.8	96.0	96.0	96.9	97.4	97.4	97.8	97.8	98.0	98.1
≥ 100	65.3	83.1	86.7	89.7	91.8	93.1	94.9	96.1	96.1	97.2	98.1	98.1	98.9	99.1	99.2	99.3
≥ 0	65.3	83.1	86.7	89.7	91.8	93.1	94.9	96.2	96.2	97.3	98.4	98.4	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742	BURLINGTON INTL VT	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.9	27.2	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 20000	28.8	31.2	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 18000	28.8	31.2	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 16000	28.8	31.2	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 14000	29.3	31.7	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 12000	31.0	33.5	34.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 10000	33.1	35.6	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 9000	33.5	36.3	37.0	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
≥ 8000	34.9	38.0	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 7000	37.4	41.3	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 6000	40.9	44.5	45.2	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 5000	44.9	49.6	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 4500	46.9	52.2	53.6	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
≥ 4000	48.9	55.2	57.0	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 3500	53.1	62.1	64.5	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3000	57.0	67.6	70.4	71.4	71.6	71.6	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2500	59.7	72.4	75.9	77.4	77.7	77.8	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	61.3	76.1	80.1	82.1	82.7	82.8	83.3	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	61.3	76.1	80.2	82.3	82.8	82.9	83.5	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	61.8	77.7	82.1	84.3	84.8	85.1	85.6	85.8	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1200	62.0	78.0	83.3	85.6	86.3	86.8	87.5	87.8	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	62.1	78.2	83.9	86.7	87.6	88.4	89.5	90.1	90.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	62.1	78.2	84.0	86.8	87.9	88.7	89.8	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	62.1	78.2	84.1	87.1	88.2	89.0	90.6	91.7	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	62.1	78.2	84.1	87.1	88.3	89.1	90.7	91.8	91.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	62.1	78.2	84.1	87.6	88.8	89.8	91.5	92.7	92.7	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 500	62.2	78.4	84.3	87.9	89.1	90.2	92.1	93.3	93.3	95.0	95.2	95.2	95.2	95.2	95.3	95.3
≥ 400	62.4	78.5	84.4	88.3	89.7	90.7	92.6	94.0	94.0	95.8	96.2	96.2	96.5	96.5	96.6	96.6
≥ 300	62.4	78.6	84.5	88.4	89.9	91.1	93.1	94.6	94.6	96.5	97.3	97.3	97.6	97.6	97.7	97.7
≥ 200	62.4	78.6	84.5	88.6	90.1	91.4	93.5	95.0	95.0	96.9	97.8	97.8	98.3	98.3	98.7	98.7
≥ 100	62.4	78.6	84.5	88.6	90.2	91.5	93.7	95.2	95.2	97.3	98.4	98.4	98.8	98.8	99.5	99.9
≥ 0	62.4	78.6	84.5	88.6	90.2	91.5	93.7	95.2	95.2	97.3	98.4	98.4	98.8	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14742 | BURLINGTON INTL VT | 73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	23.3	25.4	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.9	25.9
≥ 20000	27.6	30.0	30.2	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 18000	27.7	30.1	30.3	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 16000	27.8	30.2	30.5	30.5	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 14000	28.5	31.0	31.3	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 12000	31.1	33.6	33.8	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.1
≥ 10000	33.1	36.6	36.9	36.9	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 9000	34.2	37.2	37.4	37.5	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 8000	36.1	39.1	39.4	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.7
≥ 7000	38.7	42.5	42.8	42.9	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 6000	40.7	44.9	45.2	45.4	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8	45.8
≥ 5000	44.4	50.4	50.9	51.3	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 4500	47.0	53.7	54.4	54.8	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4
≥ 4000	49.5	56.9	57.8	58.4	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0
≥ 3500	54.3	63.8	65.1	65.8	66.2	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 3000	58.4	70.5	72.2	73.2	73.8	74.0	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2500	60.3	74.1	76.1	77.5	78.3	78.6	79.0	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000	61.6	76.9	79.3	81.3	82.3	82.8	83.4	83.5	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	61.7	77.2	79.7	81.8	82.9	83.4	84.0	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	62.3	78.9	81.6	83.9	85.3	86.0	86.8	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.8	87.8
≥ 1200	62.4	79.6	82.8	85.3	86.7	87.6	88.6	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 1000	62.5	80.0	83.1	86.1	87.8	88.8	90.0	90.7	90.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 900	62.6	80.4	83.5	86.6	88.4	89.4	90.6	91.4	91.4	92.6	92.6	92.6	92.7	92.7	92.7	92.8
≥ 800	62.6	80.6	83.7	86.9	89.7	89.7	91.1	91.9	91.9	93.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 700	62.6	80.7	83.9	87.1	88.9	90.0	91.4	92.4	92.4	93.8	93.9	93.9	94.0	94.0	94.1	94.1
≥ 600	62.7	81.0	84.3	87.6	89.5	90.6	92.2	93.2	93.2	94.8	94.9	94.9	95.0	95.0	95.1	95.1
≥ 500	62.7	81.1	84.4	87.8	89.8	91.1	92.8	93.8	93.9	95.6	95.8	95.8	96.0	96.0	96.1	96.1
≥ 400	62.7	81.1	84.5	88.1	90.2	91.5	93.3	94.4	94.5	96.4	96.8	96.8	97.2	97.2	97.3	97.3
≥ 300	62.7	81.2	84.6	88.2	90.3	91.7	93.6	94.9	94.9	97.0	97.6	97.6	98.1	98.1	98.2	98.2
≥ 200	62.8	81.3	84.7	88.3	90.4	91.9	93.9	95.3	95.3	97.5	98.1	98.1	98.7	98.8	99.0	99.0
≥ 100	62.8	81.3	84.7	88.3	90.5	91.9	94.0	95.4	95.4	97.8	98.5	98.5	99.2	99.3	99.7	99.8
≥ 0	62.8	81.3	84.7	88.3	90.5	91.9	94.0	95.4	95.4	97.8	98.5	98.5	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5951

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

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1474	BURLINGTON INTL VT	73-81	ALL
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.1	37.8	38.3	38.7	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.2
≥ 20000	38.6	43.5	44.0	44.5	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.2
≥ 18000	38.7	43.9	44.1	44.6	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.3
≥ 16000	38.8	43.6	44.2	44.7	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.4
≥ 14000	39.2	44.2	44.7	45.3	45.6	45.7	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.9	45.9
≥ 12000	41.1	46.4	47.0	47.6	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.3
≥ 10000	43.5	49.5	50.2	50.8	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.6
≥ 9000	44.3	50.5	51.2	51.8	52.3	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6
≥ 8000	47.1	54.1	55.1	55.7	56.2	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.7
≥ 7000	49.7	57.5	58.4	59.2	59.8	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2
≥ 6000	51.7	60.1	61.1	61.9	62.5	62.6	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	63.1
≥ 5000	54.1	64.3	65.4	66.4	67.0	67.2	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.6
≥ 4500	57.1	67.2	68.5	69.5	70.2	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.8
≥ 4000	59.5	70.8	72.2	73.3	74.1	74.3	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
≥ 3500	62.7	75.2	76.8	78.1	79.0	79.2	79.5	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.8
≥ 3000	65.5	79.5	81.4	83.0	84.0	84.3	84.6	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.0
≥ 2500	67.1	82.0	84.0	85.8	86.9	87.2	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.1
≥ 2000	68.1	83.9	86.2	88.2	89.5	89.9	90.4	90.5	90.5	90.7	90.7	90.7	90.8	90.8	90.9	90.9
≥ 1800	68.1	84.2	86.6	88.6	89.9	90.3	90.9	91.0	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.4
≥ 1500	68.5	85.1	87.6	89.8	91.2	91.7	92.4	92.6	92.6	92.8	92.9	92.9	92.9	92.9	93.0	93.0
≥ 1200	68.6	85.5	88.2	90.5	92.1	92.6	93.4	93.6	93.6	93.9	94.0	94.0	94.0	94.0	94.1	94.2
≥ 1000	68.7	85.9	88.6	91.1	92.7	93.3	94.2	94.5	94.5	95.0	95.0	95.0	95.1	95.1	95.1	95.2
≥ 900	68.8	86.1	88.9	91.4	93.0	93.7	94.5	94.9	94.9	95.4	95.4	95.4	95.5	95.5	95.6	95.7
≥ 800	68.8	86.2	89.1	91.5	93.3	93.9	94.9	95.3	95.3	95.8	95.9	95.9	96.0	96.0	96.1	96.2
≥ 700	68.8	86.3	89.1	91.8	93.5	94.2	95.2	95.7	95.7	96.3	96.4	96.4	96.5	96.5	96.6	96.6
≥ 600	68.8	86.3	89.2	91.9	93.8	94.5	95.6	96.1	96.1	96.8	96.9	96.9	97.1	97.1	97.1	97.2
≥ 500	68.8	86.4	89.3	92.1	94.1	94.8	96.0	96.6	96.6	97.4	97.6	97.7	97.8	97.8	97.9	98.0
≥ 400	68.8	86.4	89.4	92.3	94.3	95.1	96.4	97.0	97.0	97.9	98.2	98.2	98.5	98.5	98.5	98.6
≥ 300	68.8	86.4	89.4	92.3	94.4	95.3	96.6	97.4	97.4	98.3	98.7	98.7	99.0	99.1	99.1	99.2
≥ 200	68.8	86.4	89.4	92.4	94.4	95.3	96.7	97.5	97.5	98.5	99.0	99.0	99.4	99.4	99.5	99.6
≥ 100	68.8	86.4	89.4	92.4	94.4	95.3	96.8	97.5	97.5	98.6	99.1	99.1	99.5	99.6	99.7	99.8
≥ 0	68.8	86.4	89.4	92.4	94.4	95.4	96.8	97.5	97.6	98.6	99.1	99.1	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7011

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

PART D SKY COVER

Stations that report both synoptic and airways observations have had their sky cover reports converted into airways. The synoptic hours have significantly lower observation counts than the airways, hence, a small percentage of observations were reported in the 1/10, 4/10, 5/10, 6/10, and 8/10 categories. In order to use this data more beneficially we have combined:

1/10 and 4/10 into the 3/10 (scattered) category
5/10, 6/10 and 8/10 into the 9/10 (broken) category
0/10 is the clear category
10/10 is the overcast category

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — PERIOD
JAN — 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		
JAN	00-02	12.4			12.1						13.0	62.5	7.8	744
	03-05	11.8			13.6						11.2	63.4	7.8	743
	06-08	9.9			13.3						15.9	60.9	7.9	744
	09-11	6.5			16.2						20.3	57.1	8.0	743
	12-14	7.5			12.9						22.3	57.3	8.1	744
	15-17	8.0			12.8						20.2	59.0	8.1	742
	18-20	10.8			17.6						14.5	57.1	7.5	744
	21-23	12.0			14.0						13.9	60.2	7.7	743
TOTALS		9.9			14.1						16.4	59.7	7.9	5947

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 | BURLINGTON INTL VT | 74-81 | FEB
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	14.2			15.4						11.7	53.8	6.9	677
	03-05	17.7			16.4						12.4	53.5	7.0	678
	06-08	13.7			15.6						14.6	56.0	7.4	678
	09-11	9.9			15.6						19.0	55.6	7.7	675
	12-14	8.8			16.5						19.5	55.2	7.8	678
	15-17	10.9			14.0						20.6	54.4	7.7	678
	18-20	15.1			18.0						18.9	48.0	7.0	677
	21-23	13.5			15.7						13.9	51.9	6.9	675
TOTALS		14.2			15.9						16.3	53.6	7.3	5416

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — PERIOD
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	21.3			13.9						11.2	53.6	6.8	742
	03-05	17.7			16.8						11.3	54.2	6.9	742
	06-08	13.7			13.8						17.3	55.1	7.5	744
	09-11	10.9			14.4						19.4	55.4	7.7	744
	12-14	9.8			15.3						20.8	54.0	7.7	744
	15-17	8.1			20.7						19.2	52.0	7.6	744
	18-20	11.4			20.7						17.2	50.6	7.2	743
	21-23	18.1			20.4						12.0	49.5	6.6	741
TOTALS		13.9			17.0						16.1	53.1	7.3	5944

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 | BURLINGTON INTL VT | 74-81 | APR
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	22.4			16.6						13.5	47.6	6.5	719
	03-05	22.3			12.6						11.3	53.8	6.8	716
	06-08	15.9			14.8						19.1	50.3	7.2	718
	09-11	12.1			16.8						22.5	48.6	7.4	720
	12-14	8.1			20.3						22.6	49.0	7.5	720
	15-17	6.7			20.0						25.1	48.2	7.7	720
	18-20	11.1			20.0						19.0	49.9	7.3	720
	21-23	21.0			19.7						13.5	45.8	6.4	720
TOTALS		15.0			17.6						18.3	49.2	7.1	5753

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — PERIOD
MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	26.3			20.9						12.7	40.2	5.8	742
	03-05	15.3			25.2						20.6	39.0	6.5	739
	06-08	13.5			20.3						24.1	42.2	7.0	740
	09-11	10.7			24.2						26.6	38.6	7.0	741
	12-14	8.6			24.6						26.7	40.1	7.2	744
	15-17	7.7			24.1						25.3	43.0	7.3	744
	18-20	7.8			21.7						28.4	42.0	7.4	742
	21-23	13.9			24.4						15.5	41.2	6.2	741
TOTALS		13.6			23.2						22.5	40.8	6.8	5933

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — PERIOD
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	21.6			24.4						16.8	37.2	6.0	713
	03-05	12.1			25.8						21.9	40.1	6.8	708
	06-08	10.1			22.6						23.1	44.2	7.2	711
	09-11	8.4			24.3						26.7	40.6	7.2	715
	12-14	6.9			22.6						29.0	41.4	7.4	720
	15-17	5.9			23.7						31.1	39.2	7.4	716
	18-20	6.7			20.9						29.6	42.9	7.6	714
	21-23	13.4			24.1						22.6	39.9	6.7	709
TOTALS		10.6			23.6						25.1	40.7	7.0	5706

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 | BURLINGTON INTL VT | 73-80 | JUL
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	24.4			21.7						18.3	35.6	5.9	725
	03-05	15.2			24.2						25.3	35.4	6.5	712
	06-08	11.8			24.7						28.8	34.8	6.8	730
	09-11	8.7			28.3						29.7	33.4	6.9	728
	12-14	4.2			31.3						31.4	33.2	7.1	742
	15-17	5.4			31.9						31.7	31.0	6.9	739
	18-20	8.2			26.8						30.4	34.6	7.0	736
	21-23	17.1			25.6						23.7	33.6	6.3	730
TOTALS		11.9			26.8						27.4	34.0	6.7	5842

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — PERIOD
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG.	00-02	26.5			21.6						12.4	39.5	5.7	736
	03-05	19.5			21.1						19.3	40.1	6.4	724
	06-08	12.7			23.6						24.1	39.6	6.8	733
	09-11	10.1			23.6						25.9	40.4	7.1	730
	12-14	5.1			26.0						32.3	36.5	7.3	739
	15-17	7.0			26.7						29.5	36.7	7.1	738
	18-20	8.2			28.4						27.8	35.6	6.9	742
	21-23	19.6			23.6						22.6	34.2	6.2	734
TOTALS		13.6			24.3						24.2	37.8	6.7	5876

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 BURLINGTON INTL VT 73-80 SEP
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	24.4			16.4						15.4	43.8	6.3	714
	03-05	21.7			18.0						16.3	44.1	6.4	701
	06-08	9.9			22.0						23.7	44.4	7.2	714
	09-11	7.5			23.5						29.1	39.9	7.3	716
	12-14	7.0			21.9						31.7	39.5	7.5	717
	15-17	9.2			19.6						28.9	42.3	7.4	719
	18-20	14.1			20.6						21.3	44.0	6.9	718
	21-23	20.5			18.7						17.9	42.9	6.5	711
TOTALS		14.3			20.1						23.0	42.6	6.9	5710

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — 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	20.9			17.4						12.2	49.5	6.6	737
	03-05	19.7			16.4						12.3	51.6	6.8	731
	06-08	13.1			14.1						22.0	50.8	7.5	740
	09-11	10.1			16.3						23.2	50.3	7.6	741
	12-14	8.3			18.8						24.5	48.4	7.6	744
	15-17	9.7			18.5						22.8	48.9	7.5	744
	18-20	14.7			18.3						20.0	47.0	7.1	744
	21-23	19.0			15.9						18.8	46.3	6.8	743
TOTALS		14.4			17.0						19.5	49.1	7.2	5924

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 | BURLINGTON INTL VT | 73-80 | NOV
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	10.3			13.4						15.6	60.8	7.9	719
	03-05	11.6			12.5						15.0	60.9	7.8	714
	06-08	5.0			15.1						18.7	61.2	8.3	717
	09-11	4.3			11.8						22.1	61.8	8.5	719
	12-14	5.3			12.5						24.6	57.6	8.4	720
	15-17	4.2			14.3						22.4	59.2	8.4	720
	18-20	8.6			13.2						15.4	62.7	8.1	719
	21-23	11.4			12.5						15.5	60.6	7.8	718
TOTALS		7.6			13.2						18.7	60.6	8.2	5746

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 PERIOD | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	12.5			10.0						10.9	66.6	7.9	743
	03-05	12.1			12.0						9.9	66.0	7.9	744
	06-08	6.6			11.1						19.6	62.8	8.4	741
	09-11	5.0			12.7						19.1	63.2	8.4	742
	12-14	5.5			10.2						22.2	62.1	8.5	744
	15-17	7.0			14.9						19.5	58.6	8.1	744
	18-20	12.3			14.0						13.2	60.5	7.7	742
	21-23	10.4			13.9						9.9	65.8	7.9	739
TOTALS		8.9			12.4						15.5	63.2	8.1	5939

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14742 | BURLINGTON INTL VT | 73-81 | 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	9.9			14.1						16.4	59.7	7.9	5947
FEB		14.2			15.9						16.3	53.6	7.3	5416
MAR		13.9			17.0						16.1	53.1	7.3	5944
APR		15.0			17.6						18.3	49.2	7.1	5753
MAY		13.6			23.2						22.5	40.8	6.8	5933
JUN		13.6			23.6						25.1	40.7	7.0	5706
JUL		11.9			26.8						27.4	34.0	6.7	5842
AUG		13.6			24.3						24.2	37.8	6.7	5876
SEP		14.3			20.1						23.0	42.6	6.9	5711
OCT		14.4			17.0						19.5	49.1	7.2	5924
NOV		7.6			13.2						18.7	60.6	8.2	5741
DEC		8.9			12.4						15.5	63.2	8.1	5931
TOTALS		12.3			18.8						20.3	48.7	7.3	6973

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

Continued on Reverse

E

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

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

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

      NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

74-29966

...AL CLIMATOLOGY BRANCH
...TAC
...ATHER SERVICE/MAC

DAILY TEMPERATURES

14742 STATION — ARLINGTON INTL VT STATION NAME — 45-81 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	.	.	.	.	.	.1	1.6	1.0	.	.	.	.	.2
[illegible]	.	.	.	.2	1.2	4.3	9.9	4.5	.7	.	.	.	1.7
[illegible]	.	.	.	.3	4.5	18.1	30.2	17.4	4.7	.1	.	.	6.3
[illegible]	.	.	.	1.1	12.4	38.9	59.2	44.3	12.8	1.0	.	.	14.1
[illegible]	.	.	.	3.0	25.0	59.9	81.2	68.9	26.6	4.6	.2	.	22.4
[illegible]	.	.	.6	7.9	40.0	77.4	94.6	86.4	47.3	12.9	.6	.	30.6
[illegible]	.	.	1.2	15.5	55.6	90.2	99.5	96.1	66.5	24.1	2.7	.	37.5
[illegible]	.1	.3	3.3	26.3	73.1	96.3	100.0	99.3	84.3	42.1	7.4	.9	44.4
[illegible]5	.7	.9	7.0	41.0	86.1	99.6	.	100.0	95.8	60.6	15.9	2.5	50.8
[illegible]	2.4	1.6	13.5	57.9	96.0	99.8	.	.	99.3	78.3	26.6	5.2	56.9
4[illegible]	5.0	5.6	22.5	77.1	98.9	100.0	.	.	99.9	89.1	44.8	10.9	62.8
[illegible]	11.3	14.4	40.4	90.2	99.9	.	.	.	100.0	96.7	64.5	21.1	69.9
3[illegible]	24.4	31.6	60.1	96.9	100.0	.	.	.	.	99.3	81.2	36.6	77.4
3[illegible]	39.5	49.7	79.5	99.3	.	.	.	.	.	100.0	93.6	55.9	84.6
2[illegible]	55.5	64.2	91.6	99.9	.	.	.	.	.	.	98.3	70.3	90.0
2[illegible]	69.8	77.2	96.8	100.0	.	.	.	.	.	.	99.6	82.9	93.9
1[illegible]	81.7	87.1	98.8	.	.	.	.	.	.	.	100.0	91.7	96.6
1[illegible]	93.9	93.1	99.6	.	.	.	.	.	.	.	.	96.5	98.3
5	95.3	97.1	99.9	.	.	.	.	.	.	.	.	98.6	99.2
[illegible]	98.4	98.8	100.0	.	.	.	.	.	.	.	.	99.6	99.7
-5	99.1	99.8	.	.	.	.	.	.	.	.	.	99.9	99.9
-10	99.9	100.0	.	.	.	.	.	.	.	.	.	100.0	100.0
-15	100.0	.	.	.	.	.	.	.	.	.	.	.	100.0
MEAN	25.7	27.9	37.8	52.8	66.6	76.2	80.8	77.8	68.8	57.3	43.9	30.6	53.9
S D	1[illegible].121	11.574	10.629	[illegible].967	10.558	8.572	6.743	7.172	8.867	10.051	10.163	11.566	21.931
TOTAL OBS	1054	961	1054	1020	1054	990	1023	1023	990	1023	990	1023	12205

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

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

DAILY TEMPERATURES

...4Z STATION ...RLINGTON INTL VT STATION NAME 48-81 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥							.3	.1	.1				.0
≥						2.2	4.9	3.7	1.1				1.0
≥					.9	11.4	19.7	15.0	5.6	.2			4.4
≥				.4	5.6	27.1	47.3	35.8	12.0	.9			10.7
≥			.1	.9	13.3	48.0	72.6	62.2	25.2	4.9	.4		16.9
≥	.1	.1		2.6	27.7	70.8	90.1	83.3	46.6	13.9	2.2	.3	28.1
≥	.2	.2	.9	7.6	46.7	88.7	98.5	95.7	65.6	26.5	6.7	.8	36.4
≥	.5	.5	3.1	20.4	68.0	97.1	99.9	99.6	83.1	44.9	16.5	2.2	44.5
≥	1.9	1.8	8.3	40.2	84.7	99.9	100.0	100.0	93.7	64.6	30.9	6.2	52.6
≥	3.7	4.3	13.2	48.2	89.2	100.0			97.1	72.3	38.4	9.2	56.2
≥	7.2	8.5	23.2	63.9	95.5				99.3	84.0	51.8	17.4	62.5
≥	14.3	16.9	40.5	87.5	99.9				100.0	94.9	71.8	28.3	71.1
≥	23.9	27.2	58.2	95.4	100.0					99.7	85.8	42.4	77.7
≥	34.1	38.4	72.9	98.8						100.0	93.5	55.0	82.7
≥	46.3	50.6	83.6	99.5							97.6	66.8	87.0
≥	59.5	62.5	89.9	99.8							99.1	77.6	90.7
≥	71.1	73.3	94.4	100.0							99.8	86.6	93.8
≥	80.0	84.5	97.5								100.0	92.3	96.2
≥ -1	88.6	89.6	99.1									96.1	97.8
≥ -15	94.6	94.4	99.7									98.5	98.9
≥ -20	98.2	98.1	100.0									99.6	99.7
≥ -25	99.7	99.6										99.9	99.9
≥ -30	100.0	100.0										100.0	100.0
MEAN	7.	9.3	20.5	32.8	44.1	54.2	58.7	56.7	48.6	38.8	29.8	15.4	34.7
S.D.	14.442	14.555	11.606	8.317	8.996	7.972	6.696	7.203	9.179	9.095	9.873	13.766	20.440
TOTAL OBS.	1 54	61	1054	1020	1054	990	1023	1023	990	1023	990	1023	12205

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

AL CLIMATOLOGY BRANCH
ETAC
CAT-A SERVICE/MAC
STATION [illegible] BURLINGTON INTL VT STATION NAME 48-81 YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

YEAR

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
N	.	.	.	.	.	.	.4	.1	.	.	.	.	.0
N	.	.	.	.	.4	2.1	5.9	2.5	.4	.	.	.	.9
N	.	.	.	.	1.5	12.9	22.4	13.6	4.2	.	.	.	4.5
N	.	.	.	.4	7.3	30.5	53.0	36.2	11.4	.7	.	.	11.8
N	.	.	.	1.4	16.4	53.2	82.1	66.9	24.0	3.2	.	.	20.6
N	.	.	.2	4.1	32.8	76.5	96.5	88.5	45.3	12.3	1.0	.	29.7
N	.1	.	.8	9.6	51.6	93.2	99.9	99.0	68.5	24.1	3.0	.3	37.5
N	.	.3	2.0	20.5	73.6	99.2	100.0	99.8	87.1	43.1	11.0	1.0	44.8
N	.7	1.2	6.9	37.7	90.1	100.0	.	100.0	97.0	64.3	22.5	2.4	51.9
N	2.0	2.8	15.2	66.4	98.1	.	.	.	99.7	83.3	37.5	8.2	59.4
N	8.8	10.1	30.4	84.9	100.0	.	.	.	100.0	94.9	60.5	19.1	67.4
N	17.8	21.5	51.7	95.2	.	.	.	.	.	99.4	79.5	32.6	74.6
N	32.2	35.5	69.5	99.1	.	.	.	.	.	100.0	91.0	48.0	81.1
N	43.4	50.4	83.8	99.7	.	.	.	.	.	.	97.2	62.5	86.4
N	57.4	63.4	92.4	99.9	.	.	.	.	.	.	99.2	76.2	90.7
N	71.6	76.2	96.7	100.0	.	.	.	.	.	.	99.9	86.1	94.2
N	82.3	87.5	99.1	.	.	.	.	.	.	.	100.0	93.3	96.8
N	90.4	92.8	99.6	.	.	.	.	.	.	.	.	97.0	98.3
N	95.8	95.9	99.9	.	.	.	.	.	.	.	.	98.8	99.2
N	98.7	98.9	100.0	.	.	.	.	.	.	.	.	99.7	99.8
N	99.6	99.9	.	.	.	.	.	.	.	.	.	100.0	100.0
N	100.0	100.0	.	.	.	.	.	.	.	.	.	.	100.0
MEAN	17.0	18.8	29.4	43.0	55.6	65.4	70.0	67.5	59.0	48.3	37.1	23.2	44.5
S.D.	12.626	12.470	10.360	8.652	8.792	7.384	5.843	6.327	8.245	8.732	9.471	12.184	20.816
TOTAL OBS	1054	961	1054	1020	1054	990	1023	1023	990	1023	990	1023	12209

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14742 STATION — BURLINGTON INTL VT STATION NAME — 48-81 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC	ALL MONTHS
48	35	46	71	72	83	93	96	96	92	73	75	54	96
49	53	48	64	78	82	94	98	97	84	85	58	57	98
50	63	40	59	71	86	91	91	88	80	82	75	57	91
51	52	46	61	67	85	89	89	86	85	79	64	60	89
52	47	45	50	74	77	90	93	94	87	70	65	54	94
53	52	58	64	63	86	95	99	92	90	80	69	55	99
54	47	54	59	79	80	91	87	90	81	79	64	46	91
55	40	45	52	70	85	91	97	95	84	74	57	41	97
56	45	45	43	62	83	92	87	90	85	79	68	52	92
57	51	60	57	79	83	93	88	87	85	74	59	62	93
58	44	41	52	78	80	84	90	88	86	76	62	41	90
59	53	42	56	72	88	93	96	95	90	77	67	49	96
60	40	48	57	76	83	88	91	90	92	65	59	53	92
61	43	46	69	67	88	88	90	91	88	74	65	47	91
62	45	47	72	87	89	90	92	87	84	73	56	55	92
63	39	37	61	69	79	91	97	84	80	83	60	41	97
64	50	37	58	74	90	93	96	86	82	75	66	62	96
65	48	48	51	71	86	92	87	91	88	76	58	56	92
66	56	51	56	69	85	91	98	91	81	74	68	61	98
67	49	42	61	69	81	91	85	85	81	77	64	49	91
68	38	46	67	84	76	82	92	88	83	80	60	43	92
69	43	33	48	77	81	88	94	87	87	73	56	48	94
70	41	44	45	80	83	89	94	92	86	79	61	56	94
71	40	43	47	60	90	92	89	90	86	79	68	51	92
72	49	47	53	73	87	88	92	87	85	73	55	49	92
73	52	46	65	80	76	88	94	91	90	71	61	61	94
74	51	44	63	82	85	93	91	87	82	75	68	53	93
75	52	45	54	66	91	93	94	99	77	73	71	58	99
76	50	54	71	91	83	91	94	88	81	71	58	41	94
77	33	45	80	83	93	90	99	92	84	70	70	45	99
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT 48-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	55	33	54	64	92	87	91	90	82	71	64	47	92
79	51	43	68	74	92	89	93	89	84	81	64	56	93
80	56	48	58	70	86	93	89	90	83	72	54	52	93
81	43	62	72	73	83								
MEAN	47.1	45.9	59.4	73.6	84.6	90.4	92.5	90.1	84.7	75.5	63.3	51.9	93.8
S.D.	6.863	6.491	8.697	7.227	4.493	2.794	3.792	3.548	3.610	4.367	5.548	6.451	2.789
TOTAL OBS	1054	961	1054	1020	1054	990	1023	1023	990	1023	990	1023	12205

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-84-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14742 BURLINGTON INTL VT 48-81

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
48	-22	-26	-20	20	32	38	48	50	33	23	24	-8	-26
49	-6	-12	-2	21	32	40	47	44	33	22	2	-6	-12
50	-11	-19	-17	16	27	40	46	46	31	25	14	-8	-19
51	-13	-21	15	27	29	41	53	45	29	26	3	-14	-21
52	-9	-1	-5	27	27	47	45	49	36	22	18	-9	-9
53	-8	-3	2	26	34	35	46	42	31	27	14	-2	-8
54	-22	-22	2	9	32	46	45	41	38	28	17	1	-22
55	-8	-23	3	21	36	43	51	43	32	25	12	-22	-23
56	-12	-8	-5	18	28	38	47	45	33	25	2	-6	-12
57	-30	-6	5	17	27	39	48	39	33	25	-1	0	-30
58	-13	-18	17	24	29	35	50	49	36	24	-2	-18	-18
59	-14	-18	1	21	31	43	51	46	32	22	4	-3	-18
60	-10	-1	-4	20	38	36	44	42	35	24	20	-16	-16
61	-15	-20	-8	21	25	36	45	42	31	20	10	-1	-20
62	-11	-25	-7	17	25	39	39	43	30	23	10	-13	-25
63	-17	-26	-9	18	26	41	45	40	25	24	16	-19	-26
64	-7	-9	12	3	29	37	42	40	30	22	12	-2	-9
65	-19	-11	5	7	29	33	43	35	29	26	15	4	-19
66	-20	-15	6	23	24	36	45	47	33	19	13	-10	-20
67	-14	-25	-11	17	28	37	48	44	34	23	6	-8	-25
68	-27	-13	-13	18	25	44	45	41	37	23	10	-23	-27
69	-12	-5	-12	16	28	40	40	40	32	20	3	-16	-16
70	-22	-19	-3	17	30	39	48	44	42	22	17	-19	-22
71	-20	-25	-9	12	29	36	46	46	38	32	12	-13	-25
72	-13	-22	-8	2	30	35	46	43	32	15	2	2	-22
73	-17	-21	10	17	30	35	47	45	31	26	19	-11	-21
74	-24	-12	0	12	27	45	49	48	29	19	9	0	-24
75	-8	-15	2	16	34	39	51	43	34	29	18	-16	-16
76	-24	-3	8	16	35	40	45	35	33	24	10	-11	-24
77	-20	-8	17	18	30	42	46	43	39	25	10	-13	-20
MEAN													
S.D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14742 — STATION
BURLINGTON INTL VT — STATION NAME
48-81 — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
7[illegible]	-5	-19	-8	17	30	40	40	46	30	21	7	-5	-19
79	-16	-30	10	24	30	39	44	42	30	26	19	-7	-30
80	-4	-5	-18	26	38	41	47	50	28	24	11	-26	-26
81	-27	3	11	23	30								
MEAN	-15.3	-14.8	-1.0	17.9	29.8	39.2	46.1	43.6	32.7	23.7	10.8	-9.6	-20.3
S.D.	6.826	8.786	10.056	6.111	3.537	3.428	3.209	3.683	3.522	3.198	6.604	7.789	5.747
TOTAL OBS	1054	961	1054	1020	1054	990	1023	1023	990	1023	990	1023	12205

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | JAN MONTH

 0000-0300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55		.1																1	1		
54/ 53																				1	
52/ 51		.3																2	2		1
50/ 49		.3																2	2	2	1
48/ 47		.1																1	1	2	3
46/ 45			.1															1	1	1	1
44/ 43		.3	.1															3	3	2	1
42/ 41		.3	1.2	.1														12	12	1	1
40/ 39	.1	.7	.7															11	11	7	2
38/ 37	.1	1.5	.7	.4														23	20	15	4
36/ 35	.3	1.2	1.1	.1	.3													22	22	19	12
34/ 33	.7	2.2	.7															26	26	21	15
32/ 31	.4	.9	1.5	.5														25	25	29	23
30/ 29		2.6	.9	.4														29	29	15	14
28/ 27	.3	1.3	.4	.1														16	16	33	17
26/ 25	.3	3.4	1.6	.3														41	41	29	21
24/ 23	.5	2.2	.8	.1														27	27	36	17
22/ 21	1.5	5.1	1.1															57	57	44	27
20/ 19	1.1	3.8	1.1															44	44	60	32
18/ 17	.3	3.0	1.1															32	32	28	33
16/ 15	.1	4.0	.5															35	35	33	43
14/ 13	.1	4.0	.3															33	33	29	42
12/ 11	2.3	3.1	.3															42	42	48	38
10/ 9	1.6	3.6	.4															42	42	43	25
8/ 7	1.1	3.1																31	31	40	40
6/ 5	.8	2.6																25	25	27	20
4/ 3	.5	2.8																25	25	33	29
2/ 1	.4	2.7																23	23	16	42
0/ -1	2.3	.4																18	18	27	30
-2/ -3	.5	1.5																15	15	11	29
-4/ -5	.9	.8																13	13	14	16
-6/ -7	2.7	.1																21	21	27	22
-8/ -9	1.2																	9	9	9	26
-10/-11	.4																	3	3	3	15

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
JAN — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-12/-13	.2																	6	6	6	13
-14/-15	2.3																	17	17	17	19
-16/-17	.5																	4	4	4	11
-18/-19	.5																	4	4	4	12
-20/-21	.5																	4	4	4	13
-22/-23	.3																	2	2	2	5
-24/-25																					11
-26/-27																					10
-28/-29																					2
-30/-31																					4
-32/-33																					5
TOTAL	2.3	57.8	14.5	2.2	.3														744		744
																		744		744	

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.	3809948	52232	70.2	13.875	744							
Dry Bulb	341679	11656	15.7	14.632	744	14.5	80.4					93
Wet Bulb	296585	10611	14.3	13.982	744	16.0	84.1					93
Dew Point	241275	5503	7.4	16.430	744	30.4	87.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53		.1	.1															2	2		
52/ 51		.1																1	1	2	
50/ 49	.1	.1																2	2	2	3
48/ 47		.1																1	1	1	2
46/ 45		.1	.3															3	3	2	2
44/ 43		.3	.3															4	4	2	2
42/ 41	.1	.1	.5															6	6	3	1
40/ 39	.1	.7	.9	.4														16	16	6	1
38/ 37	.3	1.2	1.2	.1														21	21	13	5
36/ 35		1.3	.9	.1	.1	.1												20	20	21	11
34/ 33	.1	2.0	.3	.7														23	23	20	7
32/ 31	.7	1.5	1.2	.3														27	27	24	30
30/ 29		2.3	.8	.3														25	25	22	15
28/ 27		1.2	.3	.3														13	13	25	16
26/ 25	1.1	3.0	.9	.3														39	39	34	24
24/ 23	.8	2.7	.5															30	30	31	16
22/ 21	1.7	2.4	.4															34	34	37	28
20/ 19	1.6	4.2	.9															50	50	44	36
18/ 17	.9	3.5	.3															34	34	42	23
16/ 15	.7	3.5	.4															34	34	33	36
14/ 13	.1	3.6	.4															31	31	22	44
12/ 11	.7	3.8																33	33	36	33
10/ 9	.9	3.9	.4															39	39	43	25
8/ 7	1.1	4.6																42	42	41	28
6/ 5	.5	2.8																25	25	37	13
4/ 3	.5	4.2																35	35	32	33
2/ 1	.3	4.2																33	33	35	37
0/ -1	2.7	.3																22	22	33	37
-2/ -3	1.3	.7																15	15	16	26
-4/ -5	1.1	.7																13	13	10	20
-6/ -7	1.5																	11	11	15	28
-8/ -9	1.7																	13	13	13	36
-10/-11	.7																	5	5	5	22
-12/-13	.4																	3	3	3	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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | JAN MONTH

 0300-0600 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-14/-15	2.4																	18	18	18	18
-16/-17	1.1																	8	8	8	16
-18/-19	.7																	5	5	5	9
-20/-21	.4																	3	3	3	9
-22/-23	.4																	3	3	3	2
-24/-25	.1																	1	1	1	11
-26/-27																					16
-28/-29																					5
-30/-31																					4
-32/-33																					2
-34/-35																					2
TOTAL	25.2	59.2	11.2	2.4	.1	.1													743		743
																		743		743	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 12 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3868812	52594	70.8	14.022	743							
Dry Bulb	329996	11028	14.8	14.971	743	15.0	80.6					93
Wet Bulb	288231	10053	13.5	14.323	743	16.6	84.0					93
Dew Point	244522	5042	6.8	16.635	743	34.0	88.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
JA.. — MONTH

0600-09.. HOURS L.S.T.

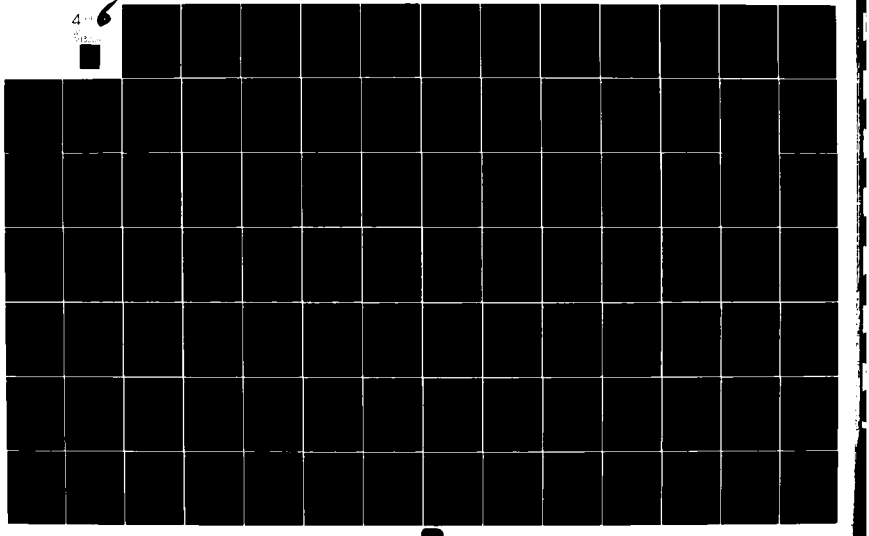
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew P
52 / 51		.1																1	1		
50 / 49		.1																1	1	1	
48 / 47		.1																1	1	1	
46 / 45	.1	.1	.1															3	3	4	
44 / 43		.4	.4															8	8	5	
42 / 41		.5	.1															6	6	6	
40 / 39	.4	.4	.5	.1														11	11	9	
38 / 37		.9	1.1	.4														18	18	3	
36 / 35		1.9	1.2															23	23	13	
34 / 33	.3	2.8	.1	.5														28	28	31	
32 / 31	.4	2.4	.8	.4														30	30	31	2
30 / 29		1.5	.4	.1	.1													16	16	17	1
28 / 27		2.2	1.5	.3														29	29	28	1
26 / 25	1.6	3.3	.4	.1														38	38	33	4
24 / 23	.9	2.3	.5															28	28	29	2
22 / 21	1.1	1.6																20	20	34	2
20 / 19	.9	3.4	.7															37	37	32	3
18 / 17	1.7	3.8	.5															45	45	43	4
16 / 15	.3	2.8	.1															24	24	33	1
14 / 13	1.2	3.2	.1															34	34	26	2
12 / 11	.7	2.8	.1															27	27	26	1
10 / 9	.7	4.6	.1															42	42	35	4
8 / 7	.5	4.6																40	40	46	4
6 / 5	.8	3.2																30	30	41	3
4 / 3	.7	4.7																40	40	34	3
2 / 1	1.3	3.5																40	40	45	4
0 / -1	1.7	.4																16	16	25	2
-2 / -3	1.2	.9																16	16	19	2
-4 / -5	2.3	.5																21	21	21	2
-6 / -7	1.3																	11	11	15	1
-8 / -9	1.6																	12	12	12	1
-10 / -11	1.2																	9	9	9	1
-12 / -13	.1																	1	1	1	
-14 / -15	2.2																	16	15	16	2

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

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

AD-A113 224 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BURLINGTON IAP, VERMONT. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/006 SBI-AD-E850 139 NL




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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-16/-17	1.6																	12	12	12	22
-18/-19	.8																	6	6	6	14
-20/-21	.4																	3	3	3	10
-22/-23																					7
-24/-25	.5																	4	4	4	7
-26/-27																					17
-28/-29																					5
-30/-31																					4
-32/-33																					2
-34/-35																					3
TOTAL	30.0	58.9	9.0	2.0	.1													744	744		744
																		744		744	

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.	3974669	53413	71.8	13.730	744							
Dry Bulb	317592	10460	14.1	15.150	744	15.9	80.9					93
Wet Bulb	280749	9583	12.9	14.551	744	17.4	84.5					93
Dew Point	246491	4753	6.4	17.055	744	35.3	89.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
JAN — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51			.1															1	1		
50/ 49			.3															2	2		
48/ 47		.3	.1															3	3	2	
46/ 45	.1	.4																4	4	5	4
44/ 43		.3		.3														4	4	4	2
42/ 41		.3	.1	.5														7	7	2	5
40/ 39		.3	1.2	.1														12	12	2	2
38/ 37	.3	1.2	1.5	.1														23	23	11	3
36/ 35	.1	2.3	.7	.3														23	23	28	5
34/ 33		3.5	.5															30	30	26	8
32/ 31	.7	2.2	.4	.1														25	25	37	36
30/ 29		2.0	.5															19	19	14	34
28/ 27	.5	3.1	.8															33	33	27	19
26/ 25	1.5	2.8	1.6															44	44	43	27
24/ 23	.3	2.7	.5															26	26	32	20
22/ 21	.5	3.0	.5	.1														31	31	27	23
20/ 19	.9	4.2	1.1															46	46	47	30
18/ 17	.3	3.3	.4															27	27	32	19
16/ 15	.4	3.1	1.1															34	34	31	37
14/ 13	.7	4.6	1.1															47	47	29	33
12/ 11	.8	4.2	.4															40	40	44	29
10/ 9	.7	4.4	.3															40	40	47	23
8/ 7		5.0																37	37	40	29
6/ 5	.4	3.2																27	27	37	22
4/ 3	.3	4.2																33	33	38	22
2/ 1	.9	3.4																32	32	39	36
0/ -1	1.3	.4																13	13	16	32
-2/ -3	1.2	1.5																20	20	17	47
-4/ -5	1.3	.5																14	14	17	38
-6/ -7	1.6	.1																13	13	16	25
-8/ -9	1.5																	11	11	11	29
-10/-11	.7																	5	5	5	18
-12/-13	1.1																	8	8	6	19
-14/-15	.5																	4	4	4	13

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | JAN 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
-16/-17	.3																	2	2	2	11
-18/-19	.1																	1	1	1	23
-20/-21	.1																	1	1	1	7
-22/-23	.1																	1	1	1	8
-24/-25	.1																	1	1	1	6
-26/-27																					3
-28/-29																					1
-30/-31																					2
-32/-33																					1
-34/-35																					1
TOTAL	1.5	65.6	13.3	1.6														744	744	744	744

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.	3755940	51848	69.7	13.861	744							
Dry Bulb	341560	12090	16.3	13.974	744	11.8	79.4					93
Wet Bulb	297537	11019	14.8	13.446	744	12.5	83.0					93
Dew Point	239890	5808	7.8	16.182	744	34.4	89.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
JAN — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
50 / 49		.4	.1		.3													6	6		
48 / 47		.7	.1	.3														8	8	5	
46 / 45			.1															1	1	5	2
44 / 43			.3	.3	.3	.1												7	7	2	5
42 / 41		.1	1.1	.5	.1													14	14	3	3
40 / 39		.3	1.2	.3														13	13	5	1
38 / 37		1.7	.7															18	18	13	1
36 / 35		3.0	.5															26	26	28	9
34 / 33	.4	3.2	.5															31	31	38	17
32 / 31	.3	2.2	.9															25	25	30	42
30 / 29	.3	2.4	2.0	.1														36	36	21	26
28 / 27	.8	3.1	2.4	.1														48	48	33	25
26 / 25	.8	2.3	1.7	.1														37	37	46	30
24 / 23	.1	2.7	.9	.3														30	30	34	17
22 / 21	.3	3.1	2.0	.4														43	43	45	14
20 / 19	.8	3.5	2.8															53	53	45	30
18 / 17		2.4	2.8															39	39	29	38
16 / 15	.3	3.5	3.9															57	57	48	40
14 / 13	1.1	4.6	1.3															52	52	59	32
12 / 11	.3	3.5	.4															31	31	49	33
10 / 9	.4	3.1	.5															30	30	41	26
8 / 7		2.4																18	18	26	23
6 / 5	.1	4.6																35	35	29	15
4 / 3		3.2																24	24	31	31
2 / 1	.1	3.2																25	25	24	59
0 / -1	.4	.8																9	9	21	35
-2 / -3	.1	1.3																11	11	12	37
-4 / -5	.3	.3																4	4	8	31
-6 / -7	.3																	2	2	3	21
-8 / -9	.4																	3	3	3	24
-10 / -11	.7																	5	5	5	20
-12 / -13																					9
-14 / -15																					12
-16 / -17	.1																	1	1	1	16

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-16/-19	.3																	2	2	2	10
-22/-23																					2
-24/-25																					2
-26/-27																					2
-28/-29																					3
-30/-31																					1
TOTAL	.3	61.6	26.6	2.4	.7	.1												744	744	744	744

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.	3396654	48970	65.8	15.279	744							
Dry Bulb	403567	14671	19.7	12.401	744	4.6	77.5					93
Wet Bulb	339028	13162	17.7	11.914	744	6.9	80.6					93
Dew Point	241080	7212	9.7	15.178	744	28.1	88.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
JAN. — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51			.1															1	1		
50/ 49		.3		.1	.1													4	4		
48/ 47		.3	.1	.3														5	5	3	
46/ 45		.4		.1														4	4	4	2
44/ 43		.1	.1	.3	.1		.1											6	6	4	4
42/ 41			.8	.4	.6													15	15	3	3
40/ 39		1.1	.8		.1													15	15	3	1
38/ 37		1.3	1.2	.1														20	20	22	3
36/ 35		3.0	.7															27	27	19	10
34/ 33	.3	2.0	.7	.3														24	24	42	13
32/ 31	.3	1.3	1.2	.1														22	22	19	43
30/ 29	.5	2.7	2.4	.1														43	43	27	22
28/ 27	.3	4.2	1.9	.7														52	52	33	16
26/ 25		2.7	2.7	.5														44	44	51	20
24/ 23		2.2	1.2	.3														27	27	36	23
22/ 21	.5	3.4	4.2	.5														64	64	51	19
20/ 19		1.9	3.1	.1														38	38	43	46
18/ 17	.1	2.8	2.0															37	37	39	30
16/ 15	.3	4.3	1.6															46	46	44	31
14/ 13	.8	4.3	1.9															52	52	56	33
12/ 11	.5	4.2	1.1															43	43	42	32
10/ 9	.1	3.0	.5															27	27	49	40
8/ 7		2.4																18	18	31	30
6/ 5		3.2																24	24	16	27
4/ 3	.1	3.8																29	29	34	26
2/ 1		3.2																24	24	25	49
0/ -1	1.2	.3																11	11	24	35
-2/ -3		.8																6	6	4	29
-4/ -5		.7																5	5	5	40
-6/ -7	.3																	2	2	6	23
-8/ -9																					13
-10/-11	.4																	3	3	3	15
-12/-13	.1																	1	1	1	10
-14/-15	.1																	1	1	1	18

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-61 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-16/-17	.1																	1	1	1	16
-18/-19	.3																	2	2	2	7
-20/-21																					3
-22/-23																					3
-24/-25																					1
-26/-27																					2
-28/-29																					4
-30/-31																					1
TOTAL	6.5	39.8	28.4	4.0	1.2		.1											743	743	743	743

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.	3234566	47644	64.1	15.551	743							
Dry Bulb	412236	14988	20.2	12.170	743	4.0	77.9					93
Wet Bulb	340958	13372	18.0	11.626	743	5.9	80.5					93
Dew Point	233660	7038	9.5	15.002	743	27.5	88.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
JAN — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 53			.1															1	1		
[illegible] / 51		.3																2	2	1	
50 / 49		.1	.1															2	2	2	1
48 / 47		.1																1	1	2	3
46 / 45		.4																3	3	4	1
44 / 43		.3		.4														5	5		4
42 / 41		.1	.7	.3	.5													12	12	3	3
40 / 39		.4	1.3	.4														16	16	1	
38 / 37		1.6		.3														14	14	15	
36 / 35		2.6	1.5	.1														31	31	24	7
34 / 33	.7	1.3	.3	.3														19	19	35	13
32 / 31	.1	1.1	1.6	.3														23	23	18	33
30 / 29	.4	1.5	2.3	.1														30	30	17	19
28 / 27	.7	3.0	2.0	.7														47	47	29	16
26 / 25	.5	2.8	1.7															38	38	49	22
24 / 23	.4	.8	1.6															21	21	35	15
22 / 21	.7	4.6	2.3	.3														56	56	39	26
20 / 19	.1	3.6	1.1															36	36	51	37
18 / 17	.1	2.4	2.0															34	34	29	36
16 / 15	.5	3.8	.9															39	39	38	25
14 / 13	1.7	5.9	1.3															67	67	52	38
12 / 11		5.1	.5															42	42	51	37
10 / 9	.7	4.3	.5															41	41	59	43
8 / 7	.1	3.4	.3															28	28	26	32
6 / 5	.3	2.0																17	17	34	23
4 / 3	.1	4.4																34	34	26	41
2 / 1		1.9																14	14	24	48
0 / -1	1.2	.8																15	15	17	23
-2 / -3	.5	1.3																14	14	14	33
-4 / -5	.4	.7																8	8	8	25
-6 / -7	1.5	.1																12	12	17	20
-8 / -9	1.2																	9	9	9	23
-10 / -11	.5																	4	4	4	15
-12 / -13	.1																	1	1	1	7

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-14/-15	.1																	1	1	1	12
-16/-17	.7																	5	5	5	20
-18/-19	.3																	2	2	2	10
-20/-21																					12
-22/-23																					7
-24/-25																					6
-26/-27																					2
-28/-29																					2
-30/-31																					2
-32/-33																					2
TOTAL	13.9	60.9	21.8	3.1	.5													744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3469297	49563	66.6	15.017	744							
Dry Bulb	365331	13323	17.9	13.061	744	8.9	79.8					93
Wet Bulb	308325	11983	16.1	12.459	744	9.8	82.1					93
Dew Point	229832	6144	8.3	15.526	744	27.6	89.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-61 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 55		.3	.1															3	3		
54/ 53																				3	
52/ 51																					3
50/ 49		.3																2	2		
48/ 47		.1																1	1	2	
46/ 45		.3																2	2	1	3
44/ 43		.3			.3													4	4	3	2
42/ 41		.1	.9	.1														9	9	2	2
40/ 39	.1	.1	.8	.4														11	11	1	2
38/ 37	.3	1.5	.7	.3														20	20	17	1
36/ 35	.3	1.9	1.2	.3	.3													29	29	17	7
34/ 33	.5	1.2	.3	.1														16	16	25	14
32/ 31	.4	1.7	1.3	.3														28	29	28	26
30/ 29	.1	1.6	1.2	.4														25	25	16	13
28/ 27	.5	1.3	1.3	.1														25	25	33	18
26/ 25	.5	4.0	1.6															46	46	27	27
24/ 23	.7	1.6	.8															23	23	48	11
22/ 21	1.2	3.1	2.4															50	50	33	28
20/ 19	.3	4.2	1.9															47	47	43	26
18/ 17	.3	3.8	1.2															39	39	46	37
16/ 15	.1	2.4	1.3															29	29	36	29
14/ 13	.8	4.3	.5															42	42	36	29
12/ 11	1.6	4.0	.5															46	46	45	51
10/ 9	.7	6.5	.3															55	55	52	38
8/ 7	.4	3.1																26	26	48	32
6/ 5	1.3	1.5																21	21	29	26
4/ 3		3.6																27	27	23	34
2/ 1	.1	3.0																23	23	22	37
0/ -1	1.7	.4																16	16	26	24
-2/ -3	1.2	.9																16	16	15	27
-4/ -5	1.1	.7																13	13	15	26
-6/ -7	.8																	6	6	8	22
-8/ -9	1.3																	10	10	10	16
-10/-11	1.2																	9	9	9	19

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-13	1.1																	8	8	8	17
-14/-15	1.5																	11	11	11	11
-16/-17	.1																	1	1	1	12
-18/-19	.4																	3	3	3	14
-20/-21	.3																	2	2	2	7
-22/-23																					16
-24/-25																					5
-26/-27																					9
-30/-31																					5
-32/-33																					1
TOTAL	21.1	57.8	18.5	2.0	.5													744	744		744
																		744		744	

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.	3641933	50951	69.5	14.335	744							
Dry Bulb	343348	12214	16.4	13.865	744	11.9	80.9					93
Wet Bulb	293244	11042	14.8	13.195	744	13.5	84.1					93
Dew Point	227522	5586	7.5	15.804	744	28.5	68.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
JAN — 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 Po
56/ 55		.1	.0															4	4		
54/ 53		.0	.0															3	3	4	
52/ 51		.1	.0															5	5	3	
50/ 49	.0	.2	.1	.0	.1													21	21	7	
48/ 47		.2	.1	.1														31	31	15	1
46/ 45	.0	.2	.1	.0														21	21	24	1
44/ 43		.2	.2	.2	.1	.0	.0											39	39	19	2
42/ 41	.0	.2	.7	.3	.2													80	80	43	2
40/ 39	.1	.5	.9	.2	.0													105	105	64	1
38/ 37	.1	1.4	.9	.2														154	154	1[illegible]	[illegible]
36/ 35	.1	2.1	1.0	.1	.1	.0												201	201	169	6
34/ 33	.4	2.3	.4	.2														197	197	2[illegible]6	9
32/ 31	.4	1.7	1.1	.3														205	205	216	26
30/ 29	.2	2.1	1.3	.2	.0													223	223	149	17
28/ 27	.4	2.4	1.3	.3														263	263	241	14
26/ 25	.8	3.0	1.5	.2														327	327	312	191
24/ 23	.5	2.1	.9	.1														212	212	291	142
22/ 21	.9	3.3	1.6	.2														355	355	310	189
20/ 19	.7	3.6	1.6	.0														351	351	355	272
18/ 17	.5	3.1	1.3															267	267	288	241
16/ 15	.3	3.4	1.2															298	298	296	274
14/ 13	.8	4.3	.9															358	358	311	28
12/ 11	.9	3.8	.4															304	304	343	29
10/ 9	.8	4.2	.4															316	316	369	246
8/ 7	.4	3.6	.0															240	240	298	23
6/ 5	.5	2.9																204	204	250	161
4/ 3	.3	3.9																247	247	253	246
2/ 1	.5	3.1																214	214	232	36
0/ -1	1.5	.5																120	120	189	24
-2/ -3	.8	1.1																113	113	104	26
-4/ -5	.9	.6																91	91	98	22
-6/ -7	1.3	.1																78	78	107	16
-8/ -9	1.1																	67	67	67	19
-10/-11	.7																	43	43	43	14

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-13	.5																	28	28	28	68
-14/-15	1.1																	68	68	68	117
-16/-17	.6																	34	34	34	124
-18/-19	.4																	25	25	25	95
-20/-21	.2																	13	13	13	62
-22/-23	.1																	6	6	6	50
-24/-25	.1																	6	6	6	49
-26/-27																					61
-28/-29																					22
-30/-31																					23
-32/-33																					13
-34/-35																					5
TOTAL	10.0	60.2	17.9	2.5	.4	.0	.0											5950	5950		5950
																		5950		5950	

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.	29151819	407215	68.4	14.681	5950							
Dry Bulb	2655318	100430	16.9	13.965	5950	86.5	637.2					744
Wet Bulb	2444657	90845	15.3	13.334	5950	98.5	663.0					744
Dew Point	1904272	47086	7.9	16.046	5950	245.8	709.9					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

 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
54/ 53		.3																2	2		
52/ 51		.4																3	3	3	
50/ 49		.4																3	3	2	4
48/ 47		.1		.3	.1													4	4	4	3
46/ 45		.9																6	6		2
44/ 43		.3	1.0	.3	.4													14	14	6	
42/ 41	.3	.6		.6														10	10	9	5
40/ 39	.1	.4																4	4	10	7
38/ 37	.7	1.8	.6	.1														22	22	14	11
36/ 35	.6	2.4	.4	.1														24	24	23	11
34/ 33	1.1	1.8	1.3	.6	.3													34	34	28	23
32/ 31	.4	2.5	1.0		.1													28	28	16	25
30/ 29	.3	.6	1.2															14	14	31	13
28/ 27		2.8	1.9															31	31	18	16
26/ 25	.7	4.1	1.6															44	44	46	17
24/ 23	1.2	.6	.9															18	18	36	20
22/ 21	.6	2.4	.3															22	22	25	41
20/ 19	.6	2.9	.9	.1														31	31	26	25
18/ 17	.7	2.8	.9															30	30	24	25
16/ 15	1.5	2.9	1.5															40	40	29	27
14/ 13	.7	4.3	.3															34	34	33	31
12/ 11	1.0	5.3	.1															44	44	51	24
10/ 9	.6	4.3																33	33	44	15
8/ 7	.7	3.2																27	27	25	27
6/ 5	.6	1.8																16	16	29	25
4/ 3	.1	3.2																23	23	15	26
2/ 1	.9	4.3																33	33	36	47
0/ -1	2.2	.6																19	19	26	33
-2/ -3	1.5	.4																13	13	17	27
-4/ -5	.7	.9																11	11	6	29
-6/ -7	.7																	5	5	10	19
-8/ -9	.9																	6	6	6	19
-10/-11	1.2																	8	8	5	16
-12/-13	.4																	3	3	3	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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 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
-14/-15	.9																	6	6	6	8
-16/-17	.6																	4	4	4	7
-18/-19	.6																	4	4	4	13
-20/-21	.3																	2	2	2	7
-24/-25	.4																	3	3	3	6
-26/-29																					4
-30/-31																					4
-32/-33																					3
-34/-35																					2
-36/-37																					3
TOTAL	24.0	58.8	13.9	2.2	1.0													678	678	678	673

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.	3583646	48228	71.1	15.036	678							
Dry Bulb	360408	11846	17.5	15.055	678	10.4	68.4					84
Wet Bulb	314518	10846	16.0	14.432	678	11.8	71.7					84
Dew Point	257004	6350	9.4	17.081	678	26.1	76.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55		.1																1	1		
54/ 53		.1																1	1	1	
52/ 51		.6																4	4	3	1
50/ 49		.4																3	3	4	6
48/ 47			.1	.1	.1													3	3	1	2
46/ 45	.1	.9	.6	.1														12	12	1	1
44/ 43		.4	.6															7	7	10	3
42/ 41	.4		.3	.3	.3													9	9	11	7
40/ 39	.3	.1	.6	.6														11	11	7	6
38/ 37	.4	1.3	.4	.1														16	16	7	2
36/ 35	.6	1.5	.1	.1														16	16	25	7
34/ 33	1.3	2.2	.7	.9														33	33	22	20
32/ 31	.4	2.4	1.2	.3														29	29	27	22
30/ 29	.1	1.3	.6															14	14	17	16
28/ 27	.3	2.1	1.2															24	24	23	17
26/ 25	.7	2.9	.7															30	30	32	14
24/ 23	1.3	1.0	.6															20	20	31	21
22/ 21	1.8	2.7	.7															35	35	34	25
20/ 19	1.2	4.0	1.0															42	42	27	33
18/ 17	1.0	2.4	1.2															31	31	36	30
16/ 15	.4	1.3	.6															16	16	18	32
14/ 13	1.6	4.3	.1															41	41	34	24
12/ 11	1.2	5.0	.3															44	44	41	23
10/ 9	.4	4.9																36	36	43	26
8/ 7		3.2																22	22	29	19
6/ 5	.4	1.5																13	13	22	21
4/ 3	.7	3.2																27	27	27	31
2/ 1	1.0	2.7																25	25	25	45
0/ -1	3.2	.9																28	28	27	27
-2/ -3	1.0	.9																13	13	18	21
-4/ -5	2.4	.7																21	21	19	21
-6/ -7	2.4																	16	16	19	27
-8/ -9	.9																	6	6	6	27
-10/-11	.7																	5	5	5	12

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-13	.1																	1	1	1	8
-14/-15	.9																	6	6	6	16
-16/-17	.6																	4	4	4	11
-18/-19	.1																	1	1	1	13
-20/-21	.7																	5	5	5	12
-22/-23	.6																	4	4	4	3
-24/-25																					2
-26/-27	.1																	1	1	1	1
-28/-29	.3																	2	2	2	
-30/-31																					5
-32/-33																					2
-34/-35																					5
-36/-37																					3
-38/-39																					2
TOTAL	29.9	55.2	11.8	2.7	.4													678	678		678
																				678	

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.	3681477	48997	72.3	14.412	678							
Dry Bulb	347479	11099	16.4	15.649	678	14.0	69.6					84
Wet Bulb	307063	10223	15.1	15.029	678	14.6	72.6					84
Dew Point	260440	5912	8.7	17.566	678	27.0	76.4					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — 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
54/ 53		.4																3	3		
52/ 51		.7																5	5	3	
50/ 49		.1																1	1	5	6
48/ 47		.1																1	1	1	2
46/ 45	.3	1.2	.3	.3														13	13	7	5
44/ 43		.7	.4															8	8	3	4
42/ 41		.3	.6															6	6	11	2
40/ 39		.9	.4	.6														13	13	4	6
38/ 37	.3	.7	.3															9	9	12	10
36/ 35	.4	.7	.9	.1														15	15	14	7
34/ 33	1.2	2.5	1.2	.6														37	37	23	14
32/ 31	.4	2.2	2.1															32	32	22	20
30/ 29	.3	1.5	.1															13	13	28	29
28/ 27	.3	2.1	.7															21	21	26	16
26/ 25	.7	2.8	1.0															31	31	19	23
24/ 23	.7	1.2	.3															15	15	31	14
22/ 21	2.1	2.8	.7															38	38	34	16
20/ 19	2.5	2.1	.7															36	36	36	34
18/ 17	.6	3.7	.3															31	31	27	33
16/ 15	.4	2.2	.3															20	20	26	27
14/ 13	1.2	2.1	.7															27	27	25	22
12/ 11	1.2	4.9	.3															43	43	33	25
10/ 9	.7	4.9																38	38	39	25
8/ 7	.4	4.0																30	30	33	25
6/ 5	1.0	2.1																21	21	36	22
4/ 3	.7	1.5																15	15	17	18
2/ 1	1.9	2.2																28	28	28	38
0/ -1	2.4	.9																22	22	21	32
-2/ -3	2.8	1.0																26	26	31	35
-4/ -5	2.7	.9																24	24	19	21
-6/ -7	1.2																	3	8	14	19
-8/ -9	1.8																	12	12	12	20
-10/-11	1.2																	8	8	8	14
-12/-13	.6																	4	4	4	19

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-14/-15	.6																	4	4	4	22
-16/-17	1.3																	7	7	7	7
-18/-19	.1																	1	1	1	10
-20/-21	.3																	2	2	2	11
-22/-23	.6																	4	4	4	8
-24/-25	.4																	3	3	3	1
-26/-27	.1																	1	1	1	3
-28/-29	.3																	2	2	2	1
-30/-31																					4
-32/-33																					4
-34/-35																					1
-36/-37																					7
-38/-39																					1
TOTAL	33.6	53.2	11.5	1.6															678		678
																		678		678	

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.	3742921	49455	72.9	14.150	678							
Dry Bulb	334796	10512	15.5	15.931	678	15.9	70.2					84
Wet Bulb	298522	9712	14.3	15.345	678	16.5	73.7					84
Dew Point	260119	5511	8.1	17.834	678	29.7	77.1					04

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
FEB — MONTH
PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57				.1														1	1			
56/ 55		.1	.6															5	5			
54/ 53		.6	.3															6	6	6	1
52/ 51		.1	.4															4	4	6	5
50/ 49			.1	.3														3	3	3	1
48/ 47	.1	.3	.3	.1														6	6	2	6
46/ 45	.3	.3	.3	.1														7	7	8	7
44/ 43		.1	.3															3	3	5	3
42/ 41			.3															2	2	2	2
40/ 39		.9	1.0	.6														17	17	4	4
38/ 37	.6	.6	.3	.3														12	12	16	8
36/ 35	.6	1.6	1.3	.3														26	26	14	6
34/ 33	1.2	2.8	1.3															36	36	30	23
32/ 31	.3	4.0	1.6	.6														44	44	39	17
30/ 29	.1	2.1	1.2	.4														26	26	26	22
28/ 27	.3	2.2	1.0	.1														25	25	31	29
26/ 25	.7	1.6	1.5															26	26	32	21
24/ 23	.6	2.2	1.2															27	27	32	21
22/ 21	1.5	1.5	1.9															33	33	29	24
20/ 19	2.1	2.5	1.5															41	41	42	32
18/ 17	.7	2.2	1.2															28	28	29	32
16/ 15	.3	3.1	1.5															33	33	27	25
14/ 13	.1	6.0	.4															45	45	31	27
12/ 11	.7	5.3	1.0															46	46	45	30
10/ 9	.3	4.0	.3															31	31	49	26
8/ 7	.3	3.2	.1															25	25	30	25
6/ 5	.7	2.1																19	19	29	18
4/ 3	.6	1.6																15	15	19	37
2/ 1	.3	3.5																26	26	23	39
0/ -1	1.9	.6																17	17	22	32
-2/ -3	.3	1.5																12	12	13	25
-4/ -5	.7	.7																10	10	8	23
-6/ -7	.4																	3	3	8	12
-8/ -9	.9																	6	6	6	18

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-11	.6																	4	4	4	20
-10/-13	.1																	1	1	1	7
-14/-15	.4																	3	3	3	8
-16/-17	.3																	2	2	2	9
-18/-19																					9
-20/-21	.1																	1	1	1	6
-22/-23	.1																	1	1	1	4
-24/-25																					3
-26/-27																					5
-28/-29																					4
-34/-35																					2
TOTAL	1.6	57.2	21.1	3.1															678		678
																		678		678	

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.	3475654	47424	69.9	15.301	678							
Dry Bulb	396144	13228	19.5	14.280	678	7.4	68.1					84
Wet Bulb	343748	12100	17.8	13.740	678	8.5	72.1					84
Dew Point	271523	7413	10.9	16.773	678	23.2	75.8					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
62/ 61				.1	.4													4	4		
60/ 59				.3														2	2		
58/ 57		.3	.1	.3														5	5		
56/ 55		.7		.1														6	6	7	1
54/ 53		.1		.1	.1													3	3	7	6
52/ 51			.1	.4	.3													6	6	3	4
50/ 49					.3													2	2	1	1
48/ 47		.4		.1														4	4	5	3
46/ 45	.1			.4	.3													6	6	5	7
44/ 43			.1	.4	.3													6	6	3	
42/ 41	.1	.3	.4	.6	.3													12	12	3	5
40/ 39	.3	.6	1.5	.3	.1													19	19	9	4
38/ 37	.7	1.0	1.2	.1														21	21	20	4
36/ 35	.6	2.4	2.2	.3	.1													38	38	30	12
34/ 33	1.2	1.3	2.8	1.9														49	49	39	23
32/ 31	.1	1.8	2.5	1.6														41	41	22	26
30/ 29	.1	2.2	2.1	.1														31	31	43	27
28/ 27	.7	1.5	2.1															29	29	43	28
26/ 25	.1	2.4	2.2	.3														34	34	42	18
24/ 23		1.9	2.2															28	28	26	20
22/ 21	1.2	2.9	1.9															41	41	44	31
20/ 19	.4	3.1	3.7															49	49	36	40
18/ 17	.1	2.9	2.9															41	41	37	37
16/ 15	.1	1.9	2.5															31	31	41	31
14/ 13		3.8	2.2															41	41	32	26
12/ 11		3.7	.4															28	28	42	30
10/ 9	.4	3.1	.1															25	25	43	24
8/ 7	.1	1.3																10	10	23	28
6/ 5	.3	2.1																16	16	11	24
4/ 3		2.2																15	15	16	32
2/ 1	.1	1.3																10	10	15	42
0/ -1	.6	.7																9	9	9	35
-2/ -3		.4																3	3	7	16
-4/ -5		1.0																7	7	2	20

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-9/ -7	.6																	4	4	10	5
-8/ -9	.3																	2	2	2	14
-10/-11																					13
-12/-13																					4
-14/-15																					5
-16/-17																					6
-18/-19																					11
-20/-21																					1
-22/-23																					6
-24/-25																					2
-26/-27																					3
-28/-29																					3
TOTAL	1.7	47.6	33.5	7.8	2.4													678	678		678

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.	3037758	44030	64.9	16.233	678							
Dry Bulb	501526	16114	23.8	13.233	678	3.1	61.3					84
Wet Bulb	414757	14453	21.3	12.552	678	3.7	67.6					84
Dew Point	290883	8929	13.2	15.999	678	17.6	75.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-61 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61				.1	.1													2	2		
60/ 59				.1	.3													3	3		
58/ 57		.6	.1	.1														6	6		
56/ 55		.4	.1	.1														5	5	6	1
54/ 53			.1	.1		.4												5	5	6	3
52/ 51			.1	.1	.1	.1												4	4	3	4
50/ 49				.3	.1													3	3	4	3
48/ 47		.4	.1		.4	.4												10	10	3	2
46/ 45			.1	.6	.1													6	6	3	7
44/ 43			.3	.6	.4													9	9	6	2
42/ 41			.6	.4	.3													9	9	3	1
40/ 39		.6	1.3	.3														15	15	8	2
38/ 37	.6	1.8	1.5	1.2	.4													37	37	25	7
36/ 35	.4	1.5	1.5	1.2	.4													34	34	31	10
34/ 33	1.0	1.2	2.5	1.2	.4													43	43	35	27
32/ 31	.4	1.2	4.4	1.6														52	52	29	25
30/ 29	.4	1.2	1.5															21	21	40	28
28/ 27	.9	2.5	1.9	.4														39	39	55	26
26/ 25	.1	3.5	3.4	.6														52	52	37	30
24/ 23	.1	1.5	1.9	.3														26	26	41	19
22/ 21	.6	.9	4.1															38	38	42	43
20/ 19	.1	2.1	4.1	.1														44	44	31	47
18/ 17		1.5	2.2															25	25	40	23
16/ 15		1.6	3.7															36	36	27	28
14/ 13	.1	3.2	1.5															33	33	33	30
12/ 11	.6	3.7	.7															34	34	50	31
10/ 9		2.2	.9															21	21	33	29
8/ 7		1.5																10	10	21	30
6/ 5		1.9																13	13	11	21
4/ 3		1.9																13	13	16	34
2/ 1		1.0																7	7	10	39
0/ -1	.7	.6																9	9	12	30
-2/ -3		1.2																8	8	7	13
-4/ -5		.3																2	2	4	14

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-6 / -7	.4	.1																4	4	6	11
-8 / -9																					25
-10 / -11																					12
-12 / -13																					7
-14 / -15																					4
-16 / -17																					4
-18 / -19																					5
-20 / -21																					7
-22 / -23																					7
-24 / -27																					4
-28 / -29																					3
-30 / -31																					1
TOTAL	6.8	40.1	38.9	9.7	3.4	1.0												678	678		678
																				678	

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.	2786829	41935	61.9	16.889	678							
Dry Bulb	536644	16786	24.8	13.036	678	2.8	60.?					64
Wet Bulb	427752	14874	21.9	12.241	678	3.6	67.5					64
Dew Point	286948	8726	12.9	16.061	678	18.2	75.5					64

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
FEB — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
59 / 57		.1	.3	.3														5	5		
57 / 55		.3	.3															4	4	1	
54 / 53		.3				.3												4	4	6	2
52 / 51			.4															3	3	4	2
50 / 49			.1															1	1		4
48 / 47			.1		.6	.1												6	6	4	3
46 / 45		.6	1.0	.4		.4												17	17	3	3
44 / 43			.3	.4														5	5	6	4
42 / 41		.1	.3	.1	.3													6	6	9	1
40 / 39		.6	1.0	.3														13	13	6	4
38 / 37	.7	1.2	1.0	.6	.3													26	26	21	4
36 / 35	.4	2.7	1.6	.7	.1													38	38	25	9
34 / 33	1.2	1.8	1.8	.7	.4													40	40	37	25
32 / 31	.1	1.5	2.4	.4														30	30	27	27
30 / 29	.3	1.0	2.8	.7														33	33	26	16
28 / 27	1.0	2.2	2.1	.3														38	38	42	25
26 / 25	.6	3.7	2.2	.3														46	46	49	21
24 / 23	.4	1.5	.9	.1														20	20	43	25
22 / 21	.1	1.5	2.2	.1														27	27	28	34
20 / 19	.6	2.7	1.6	.1														34	34	27	34
18 / 17		2.9	1.9															33	33	27	37
16 / 15	.4	2.4	2.2															34	34	36	29
14 / 13	.3	3.7	1.3															36	36	32	22
12 / 11	.4	5.8	.6															46	46	36	28
10 / 9	.4	3.1	.4															27	27	55	27
8 / 7	.3	2.9																22	22	24	28
6 / 5	.1	1.9																14	14	26	16
4 / 3		2.4																16	16	16	29
2 / 1		2.2																15	15	14	39
0 / -1	1.0	.6																11	11	16	25
-2 / -3		.9																6	6	8	26
-4 / -5	.1	.9																7	7	3	29
-6 / -7	1.2																	8	8	14	16
-8 / -9	.6																	4	4	4	16

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

 1800-2100 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-10/-11	.1																	1	1	1	14
-12/-13	.1																	1	1	1	8
-14/-15																					7
-16/-17	.1																	1	1	1	7
-18/-19																					4
-20/-21																					1
-22/-23																					4
-24/-25																					8
-26/-27																					6
-28/-29																					2
-32/-33																					
-34/-35																					1
TOTAL	11.1	51.3	29.1	5.9	1.8	.9													579		678

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.	3046640	44122	65.1	16.093	678							
Dry Bulb	457967	14967	22.1	13.727	678	4.8	63.2					64
Wet Bulb	379411	13417	19.8	12.971	678	5.9	68.9					64
Dew Point	274283	7883	11.6	16.424	678	21.8	75.8					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
56 / 55		.4																3	3		
54 / 53		.1	.3															3	3	3	
52 / 51																				1	3
50 / 49		.4																3	3	4	1
48 / 47			.1	.4														4	4	1	4
46 / 45	.1		.6	.9														11	11	1	2
44 / 43	.1	.7	.4	.1	.1													11	11	3	1
42 / 41		.6	.1	.1	.4													9	9	13	2
40 / 39		1.2	.7	.1														14	14	12	7
38 / 37	.9	2.1	.9	.3														28	28	16	10
36 / 35	.6	2.1	1.7	1.0	.3													34	34	33	11
34 / 33	1.2	1.5	.9	.4	.1													28	28	35	27
32 / 31	.4	2.1	1.8	.3														31	31	17	36
30 / 29	.4	1.6	2.1	.1														29	29	25	9
28 / 27		2.5	1.3	.1														27	27	31	22
26 / 25	1.7	3.2	1.6															40	40	56	16
24 / 23	1.3	1.6	1.2	.1														29	29	29	32
22 / 21		1.9	.9	.3														21	21	22	33
20 / 19	1.2	2.8	1.3															36	36	36	25
18 / 17	.1	1.3	.7															15	15	17	35
16 / 15	.1	3.8	1.6															38	38	22	29
14 / 13	.4	4.9	.7															41	41	40	17
12 / 11	.1	5.2	.1															37	37	39	21
10 / 9	.9	4.3	.4															36	36	53	23
8 / 7	.4	2.3																22	22	21	34
6 / 5	.6	1.9																17	17	30	20
4 / 3	.1	2.7																19	19	16	28
2 / 1	.3	4.3																31	31	31	43
0 / -1	2.1	.7																19	19	24	22
-2 / -3		1.3																9	9	10	25
-4 / -5	.3	.1																3	3	6	22
-6 / -7	.6																	4	4	5	23
-8 / -9	1.3																	10	10	10	17
-10 / -11	1.7																	7	7	7	16

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-12/-13	.3																2	2	2	5
-14/-15	.3																2	2	2	12
-16/-17	.4																3	3	3	6
-18/-19	.1																1	1	1	11
-20/-21	.1																1	1	1	4
-22/-23																				3
-24/-25																				5
-26/-27																				3
-28/-29																				5
-30/-31																				3
-34/-35																				3
TOTAL	1.4	58.0	19.0	4.6	1.0													678		678
																	679		678	

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.	3377018	46664	68.8	15.627	679							
Dry Bulb	405241	13357	19.7	14.468	678	7.6	65.7					84
Wet Bulb	347131	12143	17.9	13.839	678	8.5	68.9					84
Dew Point	272122	7266	10.7	16.939	678	23.5	75.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | FEB MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62 / 61				.0	.1													6	6		
60 / 59				.1	.0													5	5		
58 / 57		.1	.1	.1														17	17		
56 / 55		.3	.1	.0														24	24	14	2
54 / 53		.3	.1	.0	.0	.1												27	27	29	12
52 / 51		.2	.1	.1	.1	.0												29	29	26	19
50 / 49		.2	.0	.1	.1													19	19	23	26
48 / 47	.0	.2	.1	.1	.2	.1												38	38	21	25
46 / 45	.1	.5	.4	.4	.1	.1												78	78	28	34
44 / 43	.0	.3	.4	.2	.2													63	63	42	17
42 / 41	.1	.2	.3	.3	.2													63	63	61	25
40 / 39	.1	.7	.6	.4	.0													106	106	60	42
38 / 37	.6	1.3	.8	.4	.1													171	171	151	67
36 / 35	.5	1.8	1.1	.5	.1													225	225	195	73
34 / 33	1.1	1.9	1.6	.8	.2													300	300	249	179
32 / 31	.4	2.2	2.1	.6	.0													287	287	199	198
30 / 29	.3	1.4	1.4	.2														181	181	236	143
28 / 27	.4	2.2	1.5	.1														234	234	271	179
26 / 25	.6	3.0	1.8	.1														303	303	313	160
24 / 23	.7	1.4	1.1	.1														183	183	269	172
22 / 21	1.0	2.1	1.6	.1														255	255	258	247
20 / 19	1.1	2.8	1.9	.1														313	313	261	270
18 / 17	.4	2.5	1.4															234	234	239	252
16 / 15	.4	2.4	1.7															248	248	226	228
14 / 13	.6	4.0	.9															298	298	260	199
12 / 11	.7	4.8	.5															322	322	337	212
10 / 9	.5	3.8	.3															247	247	359	183
8 / 7	.3	2.8	.0															168	168	206	216
6 / 5	.5	1.9																129	129	194	167
4 / 3	.3	2.3																143	143	142	235
2 / 1	.6	2.7																175	175	192	331
0 / -1	1.5	.7																134	134	157	236
-2 / -3	.7	1.0																90	90	111	168
-4 / -5	.9	.7																85	85	67	179

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
FEB — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-5/ -7	.9	.0																52	52	96	129
-8/ -9	.5																	46	46	46	156
-10/-11	.6																	33	33	33	119
-12/-13	.2																	12	12	12	70
-14/-15	.4																	21	21	21	82
-16/-17	.4																	21	21	21	57
-18/-19	.1																	7	7	7	81
-20/-21	.2																	11	11	11	49
-22/-23	.2																	9	9	9	35
-24/-25	.1																	6	6	6	27
-26/-27	.3																	2	2	2	15
-28/-29	.1																	4	4	4	22
-30/-31																					17
-32/-33																					11
-34/-35																					14
-36/-37																					12
-38/-39																					3
TOTAL	18.8	52.7	22.3	4.7	1.3	.2													5424		5424
																		5424		5424	

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.	26731943	370855	68.4	15.926	5424							
Dry Bulb	3334205	107909	19.9	14.797	5424	66.0	526.9					672
Wet Bulb	2832902	97768	18.0	14.051	5424	73.5	563.1					672
Dew Point	2173322	57990	10.7	16.924	5424	187.5	607.7					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MA — MONTH

0000-0700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63					.3													2	2		
62/ 61				.1														1	1		
60/ 59				.3	.1													3	3		
58/ 57		.1	.4		.3													6	6	1	
56/ 55		.4		.4														6	6	6	
54/ 53	.4					.3	.1											6	6	8	9
52/ 51		.3	.4		.4	.3	.4											13	13	4	1
50/ 49		.7	.3	.3	.1	.3												12	12	4	5
48/ 47		.7	.1	.1	.1													8	8	13	9
46/ 45		1.1	.4	.4	.7													19	19	7	8
44/ 43	.1	.4	.9	.5														15	15	15	12
42/ 41	.5	.8	1.1	.8	.3	.4												29	29	14	9
40/ 39	.3	1.3	1.9	.8														32	32	32	5
38/ 37	.5	2.7	1.2	.5														37	37	35	17
36/ 35	1.2	3.0	2.0	.4	.3													51	51	41	23
34/ 33	.3	6.2	2.0	.4	.1													67	67	51	36
32/ 31	1.7	5.1	2.4	.1														70	70	75	68
30/ 29	.9	2.7	1.7	.4	.1													44	44	61	48
28/ 27	.5	3.2	1.7	.8														47	47	45	46
26/ 25	.8	2.8	3.5															53	53	50	54
24/ 23		.9	2.3	.4														27	27	39	31
22/ 21	.3	3.8	1.7	.3														45	45	44	33
20/ 19	.3	3.4	.8															33	33	55	32
18/ 17	.3	1.2	1.3															21	21	24	31
16/ 15	.1	1.9	1.2															24	24	17	40
14/ 13	.1	2.2	.7															22	22	28	30
12/ 11	.1	1.5	.4															15	15	22	32
10/ 9	.1	.5																5	5	16	29
8/ 7	.4	.3																5	5	9	25
6/ 5	.1																	1	1	3	23
4/ 3	.1	.3																3	3	1	11
2/ 1		1.2																9	9	8	13
0/ -1	.4																	3	3	6	19
-2/ -3	.3	.4																5	5	5	8

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-81 MAR
STATION STATION NAME YEARS MONTH

 0000-0700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5	.4																	3	3	3	8
-6/ -7	.1																	1	1	1	7
-8/ -9	.1																	1	1	1	6
-10/-11																					9
-12/-13																					2
-14/-15																					5
-16/-17																					4
TOTAL	10.8	48.9	28.6	7.1	2.8	1.2	.5												744		744
																		744		744	

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.	4034010	53368	71.7	16.645	744							
Dry Bulb	763130	22092	29.7	12.003	744	1.6	54.6					93
Wet Bulb	647943	20265	27.2	11.365	744	2.0	64.1					93
Dew Point	477185	15703	21.1	14.036	744	8.5	76.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61					.4													3	3		
58/ 57					.3													2	2		
56/ 55			.7	.1	.1													7	7		
54/ 53		.3	.7															7	7	3	
52/ 51		.3	.3		.1		.1											6	6	8	2
50/ 49	.1	.3	.4	.1	.3													9	9	13	1
48/ 47	.3	.5	.3	.9	.5	.3												21	21	7	19
46/ 45		1.1	.7	.3														15	15	6	8
44/ 43		.5	.5	.3														10	10	11	6
42/ 41		.9	.4	.4														13	13	21	10
40/ 39	.8	1.5	1.2	.7	.1													32	32	22	14
38/ 37	.1	3.3	.7	1.2	.1													38	38	23	8
36/ 35	1.2	3.1	1.9	.4	.3													51	51	40	27
34/ 33	1.2	6.3	2.3	.3														73	73	57	34
32/ 31	1.9	5.0	.4	.1														55	55	82	74
30/ 29	1.3	3.0	2.7	.3														54	54	55	45
28/ 27	1.3	2.4	1.7	.1														42	42	38	53
26/ 25	.7	3.5	2.6	.1														51	51	45	49
24/ 23	.4	1.5	1.6	.1														27	27	47	25
22/ 21	.4	3.1	2.0															41	41	44	26
20/ 19	.9	3.5	1.3															43	43	38	36
18/ 17	.1	2.3	.7															23	23	35	38
16/ 15	.4	2.2	.5															23	23	31	30
14/ 13	.4	1.9	1.5															28	28	20	31
12/ 11	.5	1.7	.3															19	19	28	22
10/ 9	.1	1.1	.3															11	11	17	34
8/ 7		.4																3	3	11	21
6/ 5	.3	.7																7	7	5	18
4/ 3		.1																1	1	6	25
2/ 1	.4	.5																7	7	6	20
0/ -1	.8	.3																8	8	7	1
-2/ -3	.7	.1																6	6	8	11
-4/ -5	.3																	2	2	2	9
-6/ -7	.3																	2	2	2	5

Element (X)	$\Sigma_{X'}$	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
-8 / -9	.1																	1	1	1	1
-10 / -11	.4																	3	3	3	12
-12 / -13																					3
-14 / -15																					7
-16 / -17																					3
-18 / -19																					3
TOTAL	1.6	59.9	25.3	5.5	2.3	.3	.1												744		744
																	744			744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4267945	55117	74.1	15.770	744							
Dry Bulb	794103	20979	28.2	12.308	744	2.8	57.1					93
Wet Bulb	608555	19415	26.1	11.712	744	2.9	66.4					93
Dew Point	463667	15289	20.5	14.184	744	7.8	76.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAR — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63						.1												1	1		
62/ 61						.3												2	2		
60/ 59					.1													1	1		
58/ 57			.1															1	1		
56/ 55			.3	.4														5	5	1	
54/ 53		.4		.1														4	4	3	
52/ 51		.3	.3		.1	.3												7	7	6	3
50/ 49		.4	.4		.3													8	8	4	1
48/ 47	.3	.8	.8	1.1	.3													24	24	11	12
46/ 45		.8	1.1	.5														18	18	8	6
44/ 43	.1	.8	.3	.1	.1													11	11	15	11
42/ 41		.3	.4	.3	.1													8	8	25	13
40/ 39	.1	1.5	1.7	.5	.3													31	31	12	11
38/ 37	.4	3.5	1.1	.3	.1													40	40	20	16
36/ 35	1.7	4.0	.8	.1														50	50	56	16
34/ 33	2.2	5.2	1.9	.4														72	72	71	51
32/ 31	1.7	6.0	1.3	.4														71	71	59	86
30/ 29	1.7	2.8	1.5	.1														46	46	66	49
28/ 27	.5	3.1	.9	.1														35	35	37	39
26/ 25	1.1	3.5	1.7	.1														48	48	46	44
24/ 23	.4	2.6	1.5	.1														34	34	36	22
22/ 21	.9	3.0	.8															35	35	52	36
20/ 19	.3	2.8	2.4															41	41	26	46
18/ 17	.5	2.3	1.1															29	29	36	33
16/ 15	.3	1.7	.5															19	19	31	24
14/ 13	.3	2.4	.8															26	26	20	16
12/ 11	.5	1.6	.4															19	19	24	27
10/ 9	.1	1.3	.4															14	14	20	39
8/ 7		1.2																9	9	13	15
6/ 5	.3																	2	2	11	18
4/ 3	.3	.4																5	5	3	19
2/ 1	.3	.8																8	8	8	22
0/ -1	.3	.3																8	8	8	17
-2/ -3	.3	.1																3	3	5	7

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAR MONTH

 0600-2800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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	.4																	3	3	3	8
-6/ -7	.3																	2	2	2	5
-8/ -9	.3																	2	2	2	11
-10/-11																					6
-12/-13	.1																	1	1	1	3
-14/-15	.1																	1	1	1	8
-16/-17																					5
-18/-19																					1
-20/-21																					1
TOTAL	1.4	54.0	22.6	4.8	1.5	.7													744		744
																		744		744	

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.	4344944	55720	74.9	15.212	744							
Dry Bulb	699742	20892	28.1	12.337	744	2.5	57.6					93
Wet Bulb	603672	19412	26.1	11.765	744	2.9	63.8					93
Dew Point	470669	15427	20.7	14.246	744	9.0	75.9					93

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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71							.1											1	1		
70/ 69							.1											1	1		
68/ 65					.1	.1												2	2		
64/ 63						.5	.3											6	6		
62/ 61					.3	.3	.3											6	6		
60/ 59				.1		.1		.1										3	3	1	
58/ 57			.1	.3	.3	.1												6	6	2	
56/ 55		.4	.3	.1	.1		.1											8	8	4	
54/ 53		.4	.1	.3	.3													8	8	9	2
52/ 51		.4	.5	.5	.4	.4												17	17	16	7
50/ 49		.8	.1	.3		.1												10	10	10	7
48/ 47	.1	.4	.5	.3	.7	.1												16	16	16	6
46/ 45		.5	1.3	.3														16	16	12	9
44/ 43	.1	1.2	1.1	1.1	.5													30	30	21	12
42/ 41		.7	1.3	1.1	.1													24	24	21	15
40/ 39	.1	3.1	2.8	.7	.1													51	51	28	21
38/ 37	1.5	3.8	1.5	.5	.3													56	56	58	31
36/ 35	1.3	3.2	2.8	.5	.1													60	60	64	42
34/ 33	.7	5.3	2.7	.7														67	67	63	44
32/ 31	.5	2.3	2.3	.8	.4													47	47	50	64
30/ 29	1.2	2.4	2.8	.9														55	55	56	47
28/ 27	.1	2.3	1.6	.9														37	37	38	58
26/ 25	.4	1.3	2.7	1.3														43	43	46	35
24/ 23	.1	1.3	1.7	.3														26	26	36	22
22/ 21	.4	2.0	2.3	.1														36	36	39	34
20/ 19	.3	1.6	1.3	.4														27	27	43	34
18/ 17	.3	.8	1.7															21	21	27	27
16/ 15		1.2	1.2															18	18	16	24
14/ 13	.1	.8	1.2															16	16	20	22
12/ 11	.1	.7	.4															9	9	18	26
10/ 9		1.1	.1															9	9	17	26
8/ 7		.3																2	2	6	22
6/ 5																				3	12
4/ 3		.7																5	5	2	18

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
2 / 1	.1	.4																4	4	0	19
0 / -1																				1	10
-2 / -3	.1																	1	1	1	13
-4 / -5																					9
-6 / -7																					14
-8 / -9																					4
-10 / -11																					3
-12 / -13																					5
TOTAL	7.8	39.1	34.9	11.6	3.8	1.9	.9	.1										744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3796800	51590	69.3	17.167	744							
Dry Bulb	895763	24267	32.6	11.845	744	.1	44.5	.3				93
Wet Bulb	744450	22050	29.6	11.064	744	.3	53.1					93
Dew Point	540564	17124	23.0	14.039	744	7.3	68.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAR — MONTH

1200-14 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Pt
[illegible] / 79										.1								1	1		
76 / 75									.1									1	1		
74 / 73									.1									1	1		
70 / 69								.5										4	4		
68 / 67								.5										4	4		
66 / 65				.1		.3	.1	.1										5	5		
64 / 63					.1	.3	.1											4	4		
62 / 61			.1	.1	.4	.1	.4											9	9	1	
[illegible] / 59		.1	.3	.1	.4	.1												8	8	4	
56 / 57			.1		.4	.1	.1											6	6	3	
56 / 55			.3	.3	.7	.7	.1											15	15	10	
54 / 53			.3	.4	.4	.7	.1											14	14	13	
52 / 51		.7	.4	.3	.3	1.2												21	21	12	
50 / 49		.5	.4	.4	.3	.7	.3											19	19	12	1
48 / 47		.3	.4	.5	.7	.3												16	16	17	1
46 / 45		.9	.9	.8	.7	.5	.1											30	30	17	
44 / 43		1.5	1.7	1.3	1.2	.4												46	46	27	1
42 / 41	.1	1.9	1.1	.9	.4													33	33	23	1
40 / 39	.5	1.9	1.5	1.9	.1													44	44	31	2
38 / 37	.7	3.0	2.7	1.5	.5	.4												65	65	53	3
36 / 35	.4	2.6	3.8	2.3	.7	.4												73	73	56	4
34 / 33	.1	1.1	1.7	2.6	.7													46	46	55	2
32 / 31	.5	2.4	1.9	2.4	.3													56	56	47	4
30 / 29	.1	1.2	2.8	2.6	.1													51	51	54	5
28 / 27	.3	1.1	1.2	2.2	.3													37	37	54	4
26 / 25		.3	2.2	1.1														26	26	45	4
24 / 23		1.1	1.5	.4														22	22	36	3
22 / 21	.1	.5	1.2	.8														20	20	47	3
20 / 19		1.3	1.1	.7														23	23	16	3
18 / 17		.3	1.6															14	14	22	2
16 / 15	.1	.4	1.5															15	15	17	2
14 / 13		.3	.3															4	4	23	2
12 / 11		.1	.1															2	2	4	3
10 / 9		.7	.1															6	6	5	2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
7 / 7		.3																2	2	5	17
5 / 5		.1																1	1	2	15
3 / 3																				1	9
1 / 1																					8
-1 / -1																					12
-3 / -3																					12
-5 / -5																					9
-7 / -7																					6
-9 / -9																					4
-11 / -11																					3
-13 / -13																					1
TOTAL	.1	24.5	31.2	23.4	3.6	6.2	1.5	1.2	.3	.1								744		744	
																		744		744	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3126512	46259	62.2	18.359	744							
Dry Bulb	1092905	27103	36.4	11.920	744		34.9	1.4	.4			93
Wet Bulb	852290	23896	32.1	10.683	744		47.5					93
Dew Point	559470	17642	23.7	13.782	744	5.6	66.6					93

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

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAR — MONTH
PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 79										.3	.1							3	3		
72 / 71								.1										1	1		
[illegible] / 69					.1	.1		.3	.3									6	6		
[illegible] / 67					.1			.3	.3									5	5		
66 / 65							.1	.1										2	2		
64 / 63					.3		.1	.3										5	5		
62 / 61				.1	.3	.1	.1	.3	.1									8	8	6	
[illegible] / 59			.1		.3	.3	.5	.1										10	10		
58 / 57		.3	.1	.1		.4	.4	.1										11	11	2	
56 / 55		.1	.1	.1		.7												8	8	8	5
54 / 53		.4		.9	.5	1.5												25	25	12	1
52 / 51		.3	.1		.1	.8	.5											14	14	13	6
50 / 49		.1	.3	.1	.3	.4	.1											10	10	5	6
48 / 47		.7	.8	.9	.9	.5	.1											30	30	23	6
46 / 45		1.5	1.1	.8	1.2	.4												37	37	23	6
44 / 43		.8	1.5	1.3	1.5	.3												40	40	27	13
42 / 41		.8	2.0	1.1	.8	.4												38	38	33	23
40 / 39		2.3	2.3	2.8	.9	.4												63	63	34	17
38 / 37	.7	1.9	1.9	1.3	.9	.7												55	55	69	22
36 / 35	.4	1.5	2.8	1.9	.3	.4												54	54	60	47
34 / 33		1.9	2.3	1.6	2.0													58	58	52	43
32 / 31	.5	1.6	2.4	2.1	1.9													63	63	42	40
30 / 29	.3	.7	3.0	2.0	.8													50	50	47	56
28 / 27	.5	.3	1.7	1.2														28	28	51	43
26 / 25	.1	.8	1.7	1.2														29	29	57	49
24 / 23		.3	.5	1.2														15	15	42	33
22 / 21	.1	.4	2.3	.9														28	28	26	33
20 / 19	.1	.7	1.3															16	16	25	29
18 / 17		.7	.8															11	11	25	31
16 / 15	.1	.4	.7															9	9	16	49
14 / 13			.5															4	4	10	31
12 / 11		.1	.3															3	3	4	31
10 / 9		.3	.4															5	5	7	21
8 / 7																				3	24

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

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

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAR MONTH

 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 5																			2	22
4 / 3																				24
2 / 1																				5
0 / -1																				7
-2 / -3																				12
-4 / -5																				13
-6 / -7																				4
-8 / -9																				4
-10 / -11																				6
TOTAL	3.0	18.4	31.2	21.9	13.3	7.4	2.2	1.6	.7	.3	.1							744		744
																	744		744	

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.	2882401	44113	59.3	18.952	744							
Dry Bulb	1141207	27795	37.4	11.764	744		32.6	1.9	.4	.4		9
Wet Bulb	863967	24173	32.5	10.283	744		47.1					9
Dew Point	536606	17306	23.3	13.442	744	5.4	68.4					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAR MONTH

 1800-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75									.1									1	1		
74/ 73								.1										1	1		
72/ 71							.1											1	1		
70/ 69									.1									1	1		
68/ 67							.1											1	1		
66/ 65				.1	.1													2	2		
64/ 63				.1	.1		.4											5	5		
62/ 61					.3	.1	.1											4	4		
60/ 59					.1													1	1	5	
58/ 57		.1			.3	.4	.1	.1										8	8	2	
56/ 55		.4		.3	.1	.5	.1											11	11	3	
54/ 53		.3	.1		.5	.3												9	9	7	7
52/ 51	.1	.5	.1	.3	.5	.5												16	16	10	6
50/ 49	.1	.1		.3	.5	.3												10	10	7	4
48/ 47	.1	.5	.7	.1	.4	.1	.1											16	16	10	5
46/ 45		1.2	1.3	.4	1.7	.1												36	36	19	3
44/ 43		1.1	.9	.4	.7	.1												24	24	23	5
42/ 41	.4	1.1	1.6	2.2	.7													44	44	30	22
40/ 39	.1	.9	2.4	2.6	.7	.4												53	53	25	23
38/ 37	.8	2.0	2.2	1.6														49	49	46	19
36/ 35	.5	2.0	3.0	2.2	.3													59	59	62	37
34/ 33	.8	3.0	2.0	1.5	.8													60	60	67	26
32/ 31	.8	3.8	2.0	1.7	1.1													70	70	66	49
30/ 29	.1	.5	1.9	3.1	.4													45	45	55	56
28/ 27	.5	1.5	2.7	1.5														46	46	71	50
26/ 25	.3	1.6	2.8	.5														39	39	62	47
24/ 23	.1	.4	2.3	.8														27	27	56	34
22/ 21		.9	2.0	.8														28	28	33	42
20/ 19		.8	1.5	.1														18	18	36	26
18/ 17		.8	2.0															21	21	18	33
16/ 15		.9	1.1															15	15	25	25
14/ 13	.1	.1	.5															6	6	21	31
12/ 11		.9	.1															8	8	4	43
10/ 9		.1	.3															3	3	12	30

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAR — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
7 / 7		.1																1	1	2	24
5 / 5		.3																2	2	2	21
3 / 3		.3																2	2	2	17
1 / 1		.1																1	1	3	9
-1 / -1																					3
-3 / -3																					16
-5 / -5																					3
-7 / -7																					1
-9 / -9																					4
-11 / -11																					7
-13 / -13																					2
-15 / -15																					2
TOTAL	.1	26.6	33.6	20.6	9.4	3.0	1.2	.3	.3									744	744	744	744

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.	3242038	47230	63.5	18.115	744							
Dry Bulb	967171	25495	34.3	11.219	744		41.5	.6	.3			93
Wet Bulb	765021	22803	30.4	10.268	744		53.5					93
Dew Point	501974	16556	22.3	13.407	744	6.0	73.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71						.1	.1											2	2		
62/ 61				.3	.1													3	3	2	
60/ 59			.1	.3	.5		.1											6	6		
58/ 57			.1															1	1		
56/ 55		.4	.1	.3	.3	.1	.4											12	12	6	1
54/ 53		.3	.1	.1		.4												7	7	6	4
52/ 51	.1	.1	.7	.4	.4	.1	.1											15	15	7	3
50/ 49	.5	.3		.1	.5													11	11	10	8
48/ 47		.5	.5		.4													11	11	11	5
46/ 45		.9	.9	.9	.4													23	23	9	6
44/ 43	.1	1.6	.7	.5	.1	.1												24	24	27	21
42/ 41	.4	.1	1.2	.7	.1	.1												20	20	22	16
40/ 39	.4	1.1	1.7	1.9	.5	.3												44	44	25	13
38/ 37	.7	1.9	1.3	1.3	.1													40	40	27	12
36/ 35	.8	3.4	2.6	.8														56	56	35	28
34/ 33	.9	5.5	2.4	.4	.4													72	72	77	35
32/ 31	1.2	5.5	1.5	1.1	.1													70	70	78	54
30/ 29	.7	2.6	2.6	1.5	.3													56	56	65	46
28/ 27	.5	1.9	2.8	.7														44	44	36	66
26/ 25	.1	2.4	1.6	1.1														39	39	52	47
24/ 23	.3	1.1	2.7	.9														36	36	47	37
22/ 21		3.0	1.5															33	33	33	34
20/ 19	.3	1.2	1.6	.3														25	25	44	32
18/ 17		1.2	2.0															24	24	30	40
16/ 15		.9	1.6															19	19	16	29
14/ 13	.1	1.1	.5															13	13	26	32
12/ 11	.4	1.2																12	12	22	33
10/ 9	.1	.7	.1															7	7	10	21
8/ 7	.1	.3	.3															5	5	4	26
6/ 5		.1																1	1	5	21
4/ 3		.3																2	2	3	13
2/ 1		.7																5	5	1	22
0/ -1	.3	.1																3	3	6	9
-2/ -3		.1																1	1	2	10

Element (X)	$\Sigma_{X'}$	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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5																					0
-6/ -7																					0
-8/ -9																					3
-10/-11																					5
-12/-13																					6
-14/-15																					1
TOTAL	.2	40.5	31.3	13.4	4.4	1.3	.8										744	744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3720138	51054	68.6	17.079	744							
Dry Bulb	845320	23568	31.7	11.528	744	.5	49.4	.3				93
Wet Bulb	699807	21347	28.7	10.840	744	1.0	60.0					93
Dew Point	495158	16270	21.9	13.695	744	6.3	74.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
80 / 79										.1	.0								4	4		
78 / 75									.1										2	2		
74 / 73								.1	.0										2	2		
72 / 71						.0	.1	.0											5	5		
70 / 69					.0	.0	.0	.1	.1										12	12		
68 / 67					.0		.0	.1	.0										10	10		
66 / 65				.0	.0	.1	.0	.0											11	11		
64 / 63				.0	.1	.1	.1	.0											23	23		
62 / 61			.0	.1	.2	.1	.1	.0	.0										36	36	9	
60 / 59		.0	.1	.1	.2	.1	.1	.0											34	34	10	
58 / 57		.1	.1	.1	.2	.1	.1	.0											41	41	10	
56 / 55		.2	.2	.3	.2	.3	.1												72	72	38	9
54 / 53	.1	.3	.2	.2	.2	.4	.0												80	80	61	26
52 / 51	.0	.4	.4	.2	.3	.5	.2												109	109	72	35
50 / 49	.1	.4	.2	.2	.3	.2	.1												89	89	65	43
48 / 47	.1	.6	.5	.5	.5	.2	.0												142	142	108	76
46 / 45		1.0	1.0	.6	.6	.1	.0												194	194	103	52
44 / 43	.1	1.0	1.0	.7	.5	.1													200	200	166	87
42 / 41	.2	.8	1.1	.9	.3	.1													209	209	199	124
40 / 39	.3	1.7	1.9	1.5	.4	.1													350	350	229	133
38 / 37	.7	2.7	1.6	1.0	.3	.1													380	380	331	159
36 / 35	1.0	2.8	2.5	1.0	.2	.1													454	454	414	268
34 / 33	.8	4.3	2.1	1.0	.5														515	515	493	299
32 / 31	1.1	4.0	1.8	1.1	.5														502	502	519	479
30 / 29	.8	2.0	2.4	1.4	.2														401	401	459	398
28 / 27	.6	2.0	1.8	.9	.0														316	316	330	403
26 / 25	.4	2.0	2.4	.7															328	328	403	365
24 / 23	.2	1.1	1.8	.5															214	214	339	230
22 / 21	.3	2.1	1.7	.4															266	266	318	276
20 / 19	.3	1.9	1.4	.2															226	226	285	261
18 / 17	.2	1.2	1.4																164	164	217	261
16 / 15	.1	1.2	1.0																142	142	169	229
14 / 13	.2	1.1	.8																119	119	168	217
12 / 11	.2	1.0	.3																87	87	126	255

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) MAR (MONTH)

 ALL (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10 / 9	.1	.7	.2															63	60	104	227
8 / 7	.1	.4	.0															27	27	53	170
6 / 5	.1	.2																14	14	33	152
4 / 3	.1	.3																18	18	16	156
2 / 1	.1	.5																34	34	32	118
0 / -1	.3	.1																22	22	28	83
-2 / -3	.2	.1																16	16	21	89
-4 / -5	.1																	8	8	8	70
-6 / -7	.1																	5	5	5	45
-8 / -9	.1																	4	4	4	42
-10 / -11	.1																	3	3	3	51
-12 / -13	.0																	1	1	1	24
-14 / -15	.0																	1	1	1	29
-16 / -17																					12
-18 / -19																					4
-20 / -21																					1
TOTAL	9.7	37.9	29.8	13.5	5.8	2.7	.9	.4	.2	.1	.0							5952	5952	5952	5952

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	29414758	404450	68.0	18.016	5952							
Dry Bulb	7109241	192191	32.3	12.321	5952	7.5	372.3	4.4	1.0	.4		744
Wet Bulb	5791705	173161	29.1	11.256	5952	8.9	455.5					744
Dew Point	4045493	131317	22.1	13.891	5952	55.8	580.1					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
APR — MONTH

0000-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb Dew Point
72/ 71							.3	.3										4	4	
70/ 69						.1												1	1	
68/ 67							.1		.1									2	2	
66/ 65				.8	.4	.4		.4										15	15	
64/ 63				.4			.1	.4	.1									8	8	
62/ 61			.1			.3	.4											6	6	
60/ 59		.1	.4				.1											5	5	13
58/ 57		.4			.1	.3	.1											7	7	8 1
56/ 55		.6	.3	.7	.6	.6	.4											22	22	9 6
54/ 53		1.0	.4	.3	.3	.1	.4											18	18	6 14
52/ 51		1.5	.8	.4	.1	.1												22	22	16 10
50/ 49	.4	.8	1.4	.6	.1													24	24	32 16
48/ 47		1.5	1.7	1.3	.4													35	35	19 13
46/ 45		1.0	1.0	.6	.6	.4												25	25	34 16
44/ 43	.4	2.1	1.9	1.3														41	41	30 26
42/ 41	.7	3.1	2.8	1.9	.3	.1	.3											66	66	42 28
40/ 39	1.5	1.9	4.0	.8	.4													63	63	54 38
38/ 37	.8	1.7	3.6	1.5														55	55	61 45
36/ 35		1.7	2.4	1.4	.4	.1												43	43	47 38
34/ 33	1.1	2.9	3.8	1.1														64	64	62 33
32/ 31	1.0	4.3	3.1	1.0														67	67	63 64
30/ 29	.4	2.5	3.1															43	43	62 60
28/ 27	.6	2.9	1.9															39	39	58 51
26/ 25		2.1	1.0															22	22	47 58
24/ 23		.6																4	4	25 29
22/ 21	.1	1.0	.6															12	12	13 45
20/ 19	.4	.3	.3															7	7	9 48
18/ 17																				5 30
16/ 15																				1 12
14/ 13																				15
12/ 11																				11
10/ 9																				5
8/ 5																				2
4/ 3																				3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | APR MONTH

 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
-/ 1																					1
TOTAL	7.5	33.9	34.4	14.0	3.3	2.6	2.4	1.1	.3									720	720	720	719

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3934414	52012	72.2	15.696	720							
Dry Bulb	1211146	28570	39.7	10.380	720		24.3	.9				719
Wet Bulb	1005645	26083	36.2	9.192	720		35.4					90
Dew Point	763896	22194	30.8	10.533	720		54.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
APR — MONTH
PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72 / 69							.3											2	2		
68 / 67						.1												1	1		
66 / 65				.4				.3										5	5		
64 / 63		.1	.1	.4				.1	.1									7	7		
62 / 61		.1		.7		.4	.3		.1									12	12	2	
60 / 59		.4	.1	.1		.6												9	9	4	3
58 / 57						.1	.6											5	5	11	2
56 / 55		.1		.4	.4	.3	.3											11	11	4	4
54 / 53	.1	1.0	.4	.3	.4	.7												21	21	6	7
52 / 51		1.3	1.5	.1		.3												23	23	16	5
50 / 49	.3	1.7	.4		.4	.1												21	21	28	15
48 / 47		1.7	2.4	.3	.3	.4												36	36	26	22
46 / 45		1.3	1.5	1.0	.3													29	29	33	16
44 / 43	.6	2.4	1.8	.6	.1		.1											40	40	29	22
42 / 41	.4	1.5	2.5	.8	.1	.3												41	41	39	33
40 / 39	1.1	1.9	2.8	.3	.1													45	45	44	30
38 / 37	1.1	3.6	2.5	.6														56	56	49	39
36 / 35	1.3	1.8	3.1	1.1	.4													55	55	62	44
34 / 33	.4	1.8	2.1	1.3														40	40	43	37
32 / 31	.6	6.0	2.9	.8														74	74	45	63
30 / 29	1.3	4.3	3.1	.1														63	63	79	44
28 / 27	1.8	3.6	1.3	.3														50	50	74	49
26 / 25	.3	2.4	1.3															26	26	46	64
24 / 23	.3	1.4	.6															16	16	29	36
22 / 21	.1	1.4	.1															12	12	25	53
20 / 19	.4	.6	.8															13	13	8	34
18 / 17	.1	.6																5	5	7	23
16 / 15		.3																2	2	8	23
14 / 13																				1	13
12 / 11																					13
10 / 9																					2
8 / 7																					1
6 / 5																					2
4 / 3																					3
2 / 1																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	13.1	41.1	31.0	9.6	2.6	3.3	1.5	.4	.3									720	720	720	720

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4201365	53893	74.9	15.259	720							
Dry Bulb	1116971	27341	38.0	10.464	720		32.6	.4				33
Wet Bulb	946107	25211	35.0	9.386	720		40.5					9
Dew Point	736079	21695	30.1	10.703	720		55.1					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
APR — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72 / 71						.1												1	1		
68 / 67				.1		.6												5	5		
66 / 65			.3	.3	.1	.1		.1										7	7		
64 / 63				.4	.3	.6		.1										10	10		
62 / 61		.3	.1	.4		.7												11	11	5	
60 / 59		.4	.1		.6	.1	.4	.1										13	13	6	3
58 / 57	.1	.1		.1	.5	.3	.3											9	9	12	7
56 / 55	.1	.6	.3	.3	.3		.3											13	13	10	7
54 / 53	.1	.7	.4	.1	.3	.4	.1											16	16	13	7
52 / 51		1.3	1.1	.7	.6	.6	.1											29	29	14	8
50 / 49		1.4	1.3	.6	.4													24	24	17	7
48 / 47	.3	3.6	1.7	.8	.1	.1												46	48	42	22
46 / 45		1.8	1.0	1.7	.3		.1											35	35	32	23
44 / 43		2.8	2.5	1.1	.1	.3	.1											50	50	41	33
42 / 41	.7	1.9	2.2	.8	.1	.1												43	43	40	27
40 / 39	.6	2.5	2.8	.7	.4													50	50	58	35
38 / 37	1.1	2.5	2.9	1.3	.1													55	56	46	37
36 / 35	.6	3.2	3.2	.8	.1													59	59	61	56
34 / 33	.6	3.5	3.5	1.1														62	62	66	44
32 / 31	.7	3.8	1.1	1.1														48	48	57	75
30 / 29	.6	2.1	1.8	.3														34	34	53	39
28 / 27	1.1	2.1	1.0	.3														32	32	43	41
26 / 25	.7	1.9	1.3															28	28	47	39
24 / 23	.4	1.4	.4															16	16	21	28
22 / 21	.1	.8	.3															9	9	17	33
20 / 19	.1	.7	.3															8	8	9	20
18 / 17			.3															2	2	6	31
16 / 15		.3																2	2	4	12
14 / 13																				1	13
12 / 11																					13
10 / 9																					4
8 / 7																					1
6 / 5																					
4 / 3																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B. Dry Bulb	Wet Bulb	Dew Point
-/ 1																				
TOTAL	.1	39.3	29.4	13.1	4.2	4.0	1.5	.4										720		7
																		720	720	

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.	4,959094	53160	73.8	15.382	720							
Dry Bulb	1223723	28709	39.9	10.462	720		22.4	.8				90
Wet Bulb	1,30870	26384	36.6	9.438	720		32.1					90
Dew Point	803459	22767	31.6	10.780	720		49.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
APR — MONTH

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 74-61 AP-
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
16/ 15																					6
14/ 13																					16
12/ 11																					13
10/ 9																					5
8/ 7																					2
6/ 5																					2
4/ 3																					1
TOTAL	4.0	18.3	22.1	21.0	14.6	9.9	4.0	3.2	2.2	.6		.1							720		72
																		720		720	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3086626	45204	62.8	18.593	720							
Dry Bulb	1611469	33065	45.9	11.373	720		9.3	4.5	1.3	.5		9
Wet Bulb	1235958	29052	40.4	9.413	720		20.5					9
Dew Point	859836	23584	32.8	11.021	720		46.5					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
APR — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
9 / 89														.1				1	1		
88 / 87												.1	.3					3	3		
86 / 85											.1	.1						2	2		
82 / 81								.3										2	2		
80 / 79								.1		.1	.1							3	3		
76 / 75									.6	.1	.1							6	6		
74 / 73							.1	.3		.3	.3							7	7		
72 / 71					.3	.1	.1	.3	.6	.1	.6							19	19		
70 / 69				.1	.6	.7		.1	.4	.3								16	16		
68 / 67					.1		.3	.4	.1	.6								11	11	3	
66 / 65				.3	.3	.3	.1	.3	.4	.1								13	13	10	
64 / 63				.1	.6	.7	1.3	1.0	.1	.3								27	27	4	
62 / 61		.3		.7	.3	.7	1.3	1.9	.6	.3								42	42	6	2
60 / 59		.4	.3	.3	.1	.6	1.3	.8	.3									29	29	20	9
58 / 57			.3	.4	.4	.8	.7	1.3	.3									30	30	10	8
56 / 55		.1	.1		.6	.3	.7	1.3										22	22	24	7
54 / 53		.1	1.0	.3	.4	.8	1.0	.6										34	34	24	3
52 / 51		.6	1.3	1.3	.6	1.9	1.1	.3										48	48	26	17
50 / 49		.4	.7	1.1	1.0	.7	.3											34	34	51	19
48 / 47		1.0	1.1	1.9	1.3	1.3	.3											46	46	44	19
46 / 45		1.4	1.7	2.4	1.3	1.7	.6	.1										65	65	39	22
44 / 43		1.7	.6	2.2	1.4	.7	.1											48	48	67	24
42 / 41	.3	1.8	1.7	.6	1.1	.6												43	43	74	41
40 / 39	.1	1.0	.4	1.7	2.4	.6												44	44	58	36
38 / 37		.7	.6	1.3	1.4	.1												29	29	55	46
36 / 35	.4	1.1		.4	.3													16	16	34	50
34 / 33	.1	1.3	.4	.6	.4													20	20	50	45
32 / 31	.1	1.0	1.1	1.1	.3													26	26	38	62
30 / 29	.4	.3	1.4	.6														23	23	25	45
28 / 27	.3	.1		.3														5	5	25	44
26 / 25	.4	.4																6	6	21	33
24 / 23																				6	30
22 / 21																				2	37
20 / 19																					45

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | APR MONTH

PAGE 7 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
1[illegible] / 17																					24
1[illegible] / 15																					14
14 / 13																					16
1[illegible] / 11																					13
1[illegible] / 9																					5
[illegible] / 5																					3
4 / 3																					1
TOTAL	2.2	14.2	12.5	17.4	15.4	12.5	9.4	8.9	3.3	2.2	1.3	.3	.3	.1					720		72[illegible]
																		720		720	

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.	2490734	39698	55.1	20.493	720		7.5	8.8	3.0	1.3		9[illegible]
Dry Bulb	1[illegible]84897	35769	49.7	12.252	720		14.6	.4				9[illegible]
Wet Bulb	1343231	30351	42.2	9.421	720		46.5					9[illegible]
Dew Point	[illegible]47001	[illegible]3321	32.4	11.289	720							9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
APR — MONTH
PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
91 / 89													.3					2	2		
88 / 87													.1	.1				2	2		
86 / 85												.1	.1					2	2		
84 / 81								.3		.1	.4							6	6		
80 / 79								.1		.3								3	3		
78 / 77								.3			.1							3	3		
76 / 75							.1			.1		.1						3	3		
74 / 73						.3	.1	.1	.4	.4	.4							13	13		
72 / 71					.6	.3	.1	1.0	.1	.7	.4							23	23		
70 / 69				.1		.1	.4	.1		.6								10	10		
68 / 67				.3		.4	.1		.3	.6								12	12	2	
66 / 65		.1	.3		.1	.3	.1	.1	.7	.6	.1							18	18	6	
64 / 63					.3	.1	1.0	1.4	.3	.4								25	25	14	
62 / 61				.4	.4	.7	.1	1.9	.6	.8								36	36	11	2
60 / 59		.3	.4	.7		.3	1.4	1.4	.7									37	37	7	9
58 / 57			.8		.4	.3	1.3	1.1	.8									32	32	24	5
56 / 55		.1	1.0	.8	.1	.4	.7	.8										29	29	18	7
54 / 53	.1	.7	.4	.7	.8	1.1	1.3	1.1	.1									44	44	27	9
52 / 51		.3	.7	.4	.4	1.7	1.1	.4	.1									37	37	35	17
50 / 49		1.3	.3	.4	1.9	1.9	.6											46	46	37	27
48 / 47		1.0	1.5	1.0	1.8	1.1	.4	.1										50	50	52	20
46 / 45		1.5	.7	1.1	1.0	1.9	.6											49	49	48	22
44 / 43		1.8	.4	2.2	.8	1.0	.4											48	48	72	20
42 / 41		1.4	1.3	.6	1.0	1.4												40	40	54	38
40 / 39	.3	1.0	1.9	.7	1.3	.6												41	41	76	28
38 / 37	.1	.3		.7	1.8	.3												23	23	56	35
36 / 35		.4	.3	.7	1.0													17	17	32	34
34 / 33	.1	1.5	.3	1.0	.6													25	25	34	50
32 / 31	.3	.8	1.3		.1													18	18	36	84
30 / 29	.3	.4	.4	.1														9	9	36	44
28 / 27	.3	.7	.4															10	10	24	32
26 / 25	.1	.1	.6															6	6	11	41
24 / 23	.1																	1	1	5	32
22 / 21																				3	36

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19																					33
18/ 17																					21
16/ 15																					28
14/ 13																					21
12/ 11																					24
4/ 3																					2
2/ 1																					1
TOTAL	1.8	13.8	12.9	11.9	14.4	14.2	9.3	10.4	4.2	4.6	1.5	.3	.6	.1					720		720
																		720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2329294	37928	52.7	21.467	720							
Dry Bulb	1967992	36572	50.8	12.388	720		5.5	9.9	4.3	1.9		99
Wet Bulb	1371089	30685	42.6	9.387	720		14.4	.3				99
Dew Point	831926	22996	31.9	11.643	720		49.9					99

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | APR MONTH

 1600-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85												.1						1	1		
92/ 81											.3							2	2		
80/ 79										.1								1	1		
78/ 77									.4	.1								4	4		
76/ 75							.1				.1							2	2		
74/ 73							.1	.4										4	4		
72/ 71							.1	.1	.3									4	4		
70/ 69					.1	.6	.1	.3	.4	.1								12	12		
68/ 67				.1	.4	.3	.4		.8									15	15		
66/ 65		.3	.4		.4	.1		.1	.6									14	14	1	
64/ 63			.1	.6	.3	.1		.3	.1	.1								12	12	4	
62/ 61		.1		.1			.4	1.0										12	12	16	2
60/ 59		.3	.3	.4	.1	.3	1.4	.6	.4									29	29	10	3
58/ 57		.1	.6	.4	.4	1.0	.8	.8										30	30	18	4
56/ 55		.3	.8	.4	.4	1.1	1.3	.7										34	34	10	8
54/ 53		1.1	1.1	.1	.1	.8	1.1	.1										33	33	15	11
52/ 51	.3	.4	.6	.6	1.3	1.3	1.7	.3										45	45	29	26
50/ 49		1.0	1.0	1.0	1.1	1.1	.7	.1										43	43	34	21
48/ 47	.1	1.1	.8	.7	2.6	1.0	.1											47	47	46	15
46/ 45	.1	.6	.8	1.9	2.5	1.0	.1											51	51	41	22
44/ 43		3.1	.7	1.5	2.2	.6	.1											59	59	49	11
42/ 41		2.1	1.8	2.8	1.4	1.4												68	68	68	31
40/ 39	.4	2.5	1.8	1.3	1.7	.4												53	53	77	36
38/ 37		.1	.7	1.3	1.1	.1												24	24	74	44
36/ 35		.1	.1	1.7	1.8													27	27	50	31
34/ 33	.7	.6	.7	1.8	.8													33	33	29	34
32/ 31	.3	1.3	.7	1.4														26	26	39	97
30/ 29	.1	1.0	.6															12	12	40	36
28/ 27	.1	1.3	.4															13	13	36	38
26/ 25		.1	.8															7	7	25	49
24/ 23	.4																	3	3	4	41
22/ 21																				5	28
20/ 19																					36
18/ 17																					29

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-01 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					22
14/ 13																					17
12/ 11																					16
10/ 9																					8
8/ 7																					1
6/ 5																					1
4/ 3																					2
TOTAL	2.6	17.4	14.9	18.1	18.2	11.1	8.5	5.1	3.1	.6	.4	.1							720		720
																		720		720	

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.	2716931	41767	58.0	20.223	720		7.6	5.6	1.8	.4		90
Dry Bulb	1690203	33961	47.2	11.084	720		18.6					90
Wet Bulb	1248025	29251	40.6	9.109	720		52.6					90
Dew Point	812373	22741	31.6	11.440	720							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
APR — MONTH

21:00-23:00 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75								.1	.1									2	2		
74/ 73								.4										3	3		
72/ 71							.1	.1										2	2		
70/ 69							.1	.1	.1									3	3		
68/ 67					.1	.1			.3									4	4		
66/ 65			.1	.4	.4	.3	.1	.4	.1									17	17		
64/ 63				.4			.4	.3	.3									10	10		
62/ 61			.1	.3		.1	.1	.1										6	6	4	
60/ 59		.4	.4															6	6	12	1
58/ 57		.1	.1	.3	.3	.3	.3											10	10	13	
56/ 55		.7	1.0	.1	.7	.6	.6											26	26	7	5
54/ 53	.1	.8	.3		.1	.3	.4											15	15	16	17
52/ 51	.1	1.9	.6	1.1	.7	1.1												40	40	22	13
50/ 49	.1	1.1	1.1	1.3	1.0	.7												38	38	26	28
48/ 47	.3	1.5	1.0	.4	1.7	1.0												42	42	25	19
46/ 45		1.3	2.1	2.5	.4	.4												48	48	35	14
44/ 43	.1	1.9	.4	2.5	.3													36	38	39	22
42/ 41	.7	2.6	2.4	4.3	.4	.1	.3											76	78	58	39
40/ 39	.4	3.2	3.8	3.8	.7													85	85	61	34
38/ 37	.1	1.3	2.6	1.5		.1												41	41	73	46
36/ 35		.8	1.7	2.5	.4													39	39	59	34
34/ 33	.8	1.1	2.2	2.6	.3													51	51	67	42
32/ 31		1.9	3.8	2.2														57	57	38	78
30/ 29		.4	1.5	.4														17	17	40	42
28/ 27	.1	2.1	.8	.1														23	23	57	57
26/ 25		1.0		.1														8	8	46	47
24/ 23		.4	.4															6	6	9	35
22/ 21		.4	.3															5	5	5	33
20/ 19																				6	51
18/ 17																					30
16/ 15																					15
14/ 13																					12
12/ 11																					7
10/ 9																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
APR — MONTH

PAGE 3 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-/ 7																				3
-/ 5																				7
4/ 3																				1
TOTAL	*.1	25.1	26.7	26.9	7.9	5.1	2.5	1.7	1.0									720		72[illegible]
																	720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3390437	47871	66.5	16.993	720							
Dry Bulb	1379449	30663	42.6	10.117	720		14.5	1.8	.6			[illegible]
Wet Bulb	1099850	27400	38.1	8.914	720		25.1					[illegible]
Dew Point	791437	22585	31.4	10.744	720		52.4					[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | APR MONTH

ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
9../ 89													.0	.0				3	3		
88/ 87												.0	.1	.0				5	5		
86/ 85											.0	.1	.0					6	6		
84/ 83										.0								2	2		
82/ 81								.1		.0	.1							11	11		
80/ 79								.0		.1	.0							7	7		
78/ 77								.0	.1	.0	.0							8	8		
76/ 75						.0	.0	.0	.1	.0	.0	.0						15	15		
74/ 73						.0	.1	.2	.1	.1	.1							30	30		
72/ 71					.2	.1	.1	.3	.1	.1	.1							57	57		
70/ 69				.0	.1	.3	.1	.1	.2	.1								54	54		
68/ 67			.0	.1	.1	.2	.2	.1	.2	.2								62	62	5	
66/ 65		.1	.2	.3	.3	.2	.1	.2	.2	.1	.0							98	98	22	
64/ 63		.0	.1	.3	.2	.2	.4	.5	.2	.1								121	121	25	
62/ 61		.1	.1	.3	.1	.4	.4	.6	.2	.1								136	136	57	7
60/ 59		.3	.3	.2	.1	.3	.6	.5	.2									153	153	89	33
58/ 57	.0	.1	.2	.2	.3	.5	.6	.5	.1									144	144	108	39
56/ 55	.1	.3	.6	.4	.5	.5	.6	.4	.0									189	189	91	57
54/ 53	.1	.7	.6	.4	.5	.7	.6	.3	.0									223	223	127	75
52/ 51	.1	1.0	.9	.7	.6	1.0	.5	.1	.0									278	278	183	111
50/ 49	.1	1.1	.9	.8	.9	.8	.3	.0										278	278	267	151
48/ 47	.1	1.6	1.4	.9	1.2	.7	.1	.0										346	348	297	149
46/ 45	.0	1.2	1.3	1.6	1.0	.7	.2	.0										348	348	318	156
44/ 43	.1	2.2	1.3	1.7	.8	.4	.1											381	381	372	181
42/ 41	.4	2.0	1.9	1.7	.7	.5	.1											423	423	436	266
40/ 39	.6	2.0	2.4	1.4	.9	.2												432	432	495	293
38/ 37	.5	1.3	1.9	1.3	.6	.1												324	324	471	338
36/ 35	.4	1.2	1.5	1.4	.6	.0												303	303	388	339
34/ 33	.5	1.8	1.9	1.2	.3													332	332	399	316
32/ 31	.4	2.5	1.8	1.3	.1													332	332	362	577
30/ 29	.4	1.5	1.6	.2														218	218	362	371
28/ 27	.6	1.8	.8	.1														195	195	339	36
26/ 25	.2	1.1	.6	.0														118	118	272	410
24/ 23	.2	.5	.2															47	47	115	257

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
APR — MONTH
PAGE 2
ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21	.1	.5	.2															39	39	73	291
20/ 19	.1	.2	.2															29	29	72	319
18/ 17	.0	.1	.0															7	7	20	239
16/ 15		.1																4	4	13	130
14/ 13																				2	147
12/ 11																					112
10/ 9																					36
8/ 7																					8
6/ 5																					13
4/ 3																					1
2/ 1																					7
TOTAL	4.9	25.4	23.0	16.5	10.1	7.8	4.9	3.9	1.8	1.0	.4	.1	.1	.0					5760		5760
																		5760		5760	

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.	26244915	371533	64.5	19.898	5760		123.6	32.5	10.9	4.0		720
Dry Bulb	12085850	254650	44.2	11.989	5760							
Wet Bulb	9280775	224417	39.0	9.658	5760		201.2	.6				720
Dew Point	6446007	181883	31.6	11.046	5760		406.9					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAY — MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
78/ 77							.1											1	1		
76/ 75						.1	.4											4	4		
74/ 73					.3	.8	.1											9	9		
72/ 71				.1	.4	.1												5	5		
70/ 69			.4	.1	.3	.3	.1											9	9		
68/ 67		.1	.9	.3	.3	.4	.1	.3										18	18	2	
66/ 65	.4	1.3	1.3	.5	.7	.1	.4	.3										38	38	12	
64/ 63	.3	.3	.9	1.3	.8		.3	.1										30	30	33	1
62/ 61	.3	.7	1.5	.3	1.1		.3											30	30	18	2
60/ 59		.8	2.3	1.2	1.1	.7												45	45	32	1
58/ 57		.9	1.9	.8	1.2	.7	.4	.1										45	45	72	2
56/ 55		3.9	1.3	1.1	.4	.1	.1	.1										53	53	44	3
54/ 53	.3	3.1	2.8	.9	.1	.3												56	56	65	5
52/ 51		3.0	3.6	.7	.3	.4	.1											68	68	41	4
50/ 49		3.3	2.9	1.5	.4													55	55	80	3
48/ 47		3.2	1.7	1.6	.5	.1												54	54	61	6
46/ 45	.3	2.0	2.3	1.2	.3	.1												46	46	55	6
44/ 43		3.4	3.9	.7	.5	.1												61	61	46	5
42/ 41		1.3	2.7	.7	.4													38	38	54	5
40/ 39		1.2	1.9	1.2														32	32	33	4
38/ 37		2.0	.3	.4														20	20	33	4
36/ 35		1.1	1.6	.1														21	21	37	4
34/ 33		.7	.1															6	6	23	3
32/ 31			.4	.1														4	4	13	4
30/ 29		.1	.1	.3														4	4	2	1
28/ 27																				5	2
26/ 25																				1	1
24/ 23																				2	
22/ 21																					
20/ 19																					
18/ 17																					
16/ 15																					
TOTAL	1.9	32.7	34.1	14.8	9.0	4.4	2.6	.9										744	744		74

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4312119	55645	74.3	14.225	744							
Dry Bulb	2069197	38597	51.9	9.487	744		1.0	5.8	1.9			9
Wet Bulb	1762993	35621	47.9	8.800	744		2.9	.3				3
Dew Point	1495919	32497	43.7	10.146	744		13.6					5

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAY MONTH

PAGE 1 | 0300-0600 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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	.3												5	5		
70 / 69				.5	.4	.3												9	9		
68 / 67			.7	.3	.3	.1												10	10		
66 / 65	.1	1.5	.8	1.3	.5	.3	.3	.1										37	37	7	1
64 / 63	.8	.4	.8	.8	.7	.3	.1	.3										31	31	25	6
62 / 61	.3	1.1	.7	.1		.5	.4											23	23	23	19
60 / 59	.1	.8	.8	.5	.8	.5												27	27	29	24
58 / 57		2.3	1.7	.7	.7													40	40	21	15
56 / 55	.1	4.4	1.2	.7	.5													52	52	38	34
54 / 53		3.6	2.8	.9	.4	.1	.1											60	60	59	47
52 / 51		3.8	2.3	.3	.4	.1	.1											52	52	52	39
50 / 49	.1	3.0	2.0	.4			.1											42	42	64	43
48 / 47		5.1	2.0	.3	.4	.1												59	59	56	61
46 / 45	.5	2.6	1.7	.9														43	43	55	46
44 / 43		3.1	2.6	.5	.1													47	47	50	55
42 / 41	.1	4.4	3.2	1.2	.3													69	69	33	33
40 / 39	.4	3.1	2.2	.7														47	47	69	50
38 / 37		3.0	.9	.1														30	30	56	42
36 / 35	.1	2.0	.8															22	22	41	49
34 / 33		1.5	.7															16	16	24	41
32 / 31		1.9	.4															17	17	20	41
30 / 29		.1		.1														2	2	13	29
28 / 27		.3		.3														4	4	5	24
26 / 25																				1	13
24 / 23																				3	8
22 / 21																					1
20 / 19																					5
18 / 11																					1
10 / 9																					2
TOTAL	2.8	47.8	28.4	10.9	5.8	2.7	1.2	.4											744		744
																		744		744	

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.	4760049	58835	79.1	13.095	744							
Dry Bulb	1899437	36901	49.6	9.652	744		2.9	3.0				93
Wet Bulb	1664898	34553	46.4	9.021	744		5.3					93
Dew Point	1453325	32021	43.0	10.059	744		15.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAY — MONTH

0600-0800 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80 / 79						.1												1	1		
78 / 77					.1													1	1		
76 / 75			.1		.5	.3	.1											5	8		
74 / 73				.1	.3	.3	.1											6	6		
72 / 71			.8	.4	.8				.1									16	16	1	
70 / 69		.3	.5	.7	.7	.3	.1	.1										20	20	5	1
68 / 67		.4	.9	.7	.3	.4	.1	.1										22	22	12	3
66 / 65		1.5	1.6	1.1	.6	.7		.1										43	43	21	10
64 / 63		.3	.5	1.3	1.5	.3	.3											31	31	28	17
62 / 61		.8	1.1	1.6	.8	.8	.4											41	41	25	11
60 / 59		1.5	1.2	1.1	2.3	.8												49	49	25	25
58 / 57		2.4	2.2	1.9	.9	.3												57	57	46	28
56 / 55		3.1	1.6	1.9	1.2	.7	.3											65	65	59	34
54 / 53	.1	3.1	2.2	.9	.7	.5	.1	.1										58	58	54	55
52 / 51	.1	2.2	1.9	1.1	.5	.1	.3											46	46	54	55
50 / 49	.1	4.3	1.7	1.2	.7		.1											61	61	58	49
48 / 47		1.7	3.1	1.1	.1													45	45	56	59
46 / 45	.1	2.2	1.3	.8	.5													37	37	48	61
44 / 43	.1	2.3	2.3	1.2	.5	.1												47	47	57	35
42 / 41		1.7	2.3	.7	.1													34	34	34	55
40 / 39		1.7	1.3	.4														26	26	41	45
38 / 37		1.1	.4	.3														13	13	42	37
36 / 35		.5	.3															6	6	25	47
34 / 33		.4	.1															4	4	9	29
32 / 31			.4	.1														4	4	5	22
30 / 29		.1		.3														3	3		22
28 / 27																				4	14
26 / 25																				2	6
24 / 23																				1	
22 / 21																					1
20 / 19																					7
18 / 13																					1
16 / 11																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAY — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	.7	31.3	27.7	18.8	13.2	5.6	2.0	.5	.1									744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4260497	55267	74.3	14.447	744							
Dry Bulb	2237620	40160	54.0	9.544	744		.9	9.3	2.0			93
Wet Bulb	1896955	36993	49.7	8.805	744		1.5	2.3				93
Dew Point	1617590	33864	45.5	10.129	744		9.9	.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-61 — YEARS
MAY — MONTH

0900-1100 — HOURS (L. S. T.)

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
14/ 13																					2
12/ 11																					1
TOTAL		9.7	13.2	14.7	17.5	16.3	14.5	9.4	3.8	.8	.3							744	744	744	744

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.	2822503	44077	59.2	16.861	744							
Dry Bulb	2867714	45550	61.2	10.311	744		.1	28.9	12.9	4.3		93
Wet Bulb	2167720	39628	53.3	8.758	744		.8	7.9	.3			93
Dew Point	1651960	34112	45.8	10.879	744		12.5	.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93											.1							1	1		
92/ 91											.3							2	2		
90/ 89										.5	.4	.3	.1					10	10		
88/ 87								.1	.5	.8	.4	.4						17	17		
86/ 85									.5	.5	.3	.1						11	11		
84/ 83								.3	.5	.3	.3	.1						11	11		
82/ 81						.1	.3	.7	1.5		.3	.3	.1					24	24		
80/ 79					.3		.4	.7	.8	.1	.4	.1						21	21		
78/ 77				.1	.4	.4	1.3	1.1	.9	.5	.4	.3						41	41		
76/ 75				.4	.1	.8	1.1	1.5	1.1	.5	.3	.3	.1					46	46		
74/ 73					.4	.8	.5	1.9	.3	1.1	.3	.1						40	40	5	
72/ 71					.1	.7	1.7	1.2	1.1	1.1	.8							50	50	16	
70/ 69					.3	1.2	1.1	.9	.7	.4	.1							35	35	21	7
68/ 67		.1	.4	.1	.3	.9	1.1	.8	.8	.5								38	38	29	2
66/ 65		.3	.3	.1	.7	.4	.5	.5	2.0	.3								38	38	48	7
64/ 63		.1	.7	.9	.7	1.6	.4	1.1	1.7		.1							55	55	29	20
62/ 61		.1	.7	1.1	.9	.5	1.1	1.3	.3									45	45	46	22
60/ 59	.1	.7	.3	.4	.3	1.1	1.5	1.3	.3									44	44	62	27
58/ 57	.1	.7	.4	.9	.5	.8	.4	.8	.1									36	36	57	40
56/ 55	.1	1.3	.9	1.5	.4	.4	.7	.3										42	42	68	42
54/ 53		.8	.4	1.2		.3	1.2											29	29	54	51
52/ 51		.4	1.3	.7	.8	1.1	.7											37	37	55	51
50/ 49		.3	.1		.8	.9												16	16	73	38
48/ 47		.5	.1	.4	.9	.4	.1											19	19	49	44
46/ 45		.7	.5	.1	.5		.1											15	15	25	65
44/ 43		.3	.8	.4	.1													12	12	31	36
42/ 41		.4	.1			.1												5	5	38	38
40/ 39		.1																1	1	22	34
38/ 37				.1														1	1	6	21
36/ 35				.3														2	2	1	35
34/ 33																				1	36
32/ 31																				2	39
30/ 29																				2	36
28/ 27																					17

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 74-81 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
26/ 25																					20
24/ 23																					9
22/ 21																					2
20/ 19																					5
18/ 17																					1
14/ 13																					2
12/ 11																					1
TOTAL	.4	6.9	7.1	8.9	8.6	12.6	14.2	14.5	13.2	6.7	4.4	2.0	.4						744		744
																		744		744	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2142681	37429	50.3	18.696	744							
Dry Bulb	3298476	48798	65.6	11.478	744			43.4	28.0	10.9	.1	93
Wet Bulb	2284650	40718	54.7	8.698	744		.5	9.1	.6			93
Dew Point	1591297	33391	44.9	11.170	744		15.8	.6				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93											.1							1	1		
92/ 91											.3	.1	.1	.1				5	5		
90/ 89										.1	.7	.4	.1	.1				11	11		
88/ 87									.1	.3	.3	.5						9	9		
86/ 85								.3	.3	.7	.3	.1						12	12		
84/ 83							.1	.4	.3	.1	.1	.4	.3	.3				19	19		
82/ 81						.1	.5	.3	.9	.7	.3	.5	.1	.1				27	27		
80/ 79				.1		.1	.5	.7	.7	.3	.3	.1		.1				22	22		
78/ 77				.1	.3	.3	1.2	.5	1.1	.4	.5			.1				34	34		
76/ 75				.1	.3	.3	1.5	1.6	1.2	1.5	.8	.4	.3					59	59		
74/ 73				.1		.3	.9	.9	.8	1.7	.4	.4						42	42	2	
72/ 71				.1	.4	.4	1.3	.5	1.3	.9								33	38	14	1
70/ 69		.1		.3		.8	.7	1.7	.5	.5								35	35	20	
68/ 67		.3		.7	.7	.7	.8	.4	1.3	2.4	.5							58	58	35	2
66/ 65		.3	.8	.5	.4	.3	.5	.5	1.3	.3								37	37	29	10
64/ 63		.3		.3	.9	1.1	.4	1.6	1.2	.3								45	45	40	12
62/ 61		.3	.4	.9	.7	.3	.7	2.2	.3									42	42	56	19
60/ 59		.6	.8	.9	.9	.3	.3	.7	.8									41	41	56	32
58/ 57		.5	.7	.5	1.3	.4	.3	1.6										40	40	66	32
56/ 55		1.2	1.1	.7	1.2		.9											38	38	72	36
54/ 53		.5	.7	.5	.3		.7											20	20	42	53
52/ 51		.7	1.2	.5	.4	1.5	1.1											40	40	57	46
50/ 49		.3	.5		1.1	.3		.1										17	17	81	49
48/ 47		.8	.5	.3	.4	.3	.1											18	18	50	40
46/ 45		.4	.4	.5	.5	.3												16	16	24	44
44/ 43		.5	.1	.4	.1	.1												10	10	30	43
42/ 41		.3																2	2	32	48
40/ 39	.1	.1																2	2	23	39
38/ 37		.1																1	1	6	35
36/ 35				.4														3	3	4	26
34/ 33																					36
32/ 31																				2	42
30/ 29																				1	34
28/ 27																					24

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
26/ 25																					18
24/ 23																					9
22/ 21																					7
20/ 19																					4
18/ 17																					2
14/ 13																					1
TOTAL	.1	7.5	7.3	8.2	9.9	7.7	12.6	14.1	12.8	10.2	4.6	3.1	.9	.9				744	744	744	744

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.	2055209	36279	48.8	19.625	744							
Dry Bulb	3344810	49140	66.0	11.554	744			46.5	30.1	11.5	.1	93
Wet Bulb	2272246	40632	54.6	8.463	744		.4	8.9	.3			93
Dew Point	1541780	32848	44.2	11.099	744		17.6	.4				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAY — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87									.1	.1	.1							3	3		
86/ 85									.1	.1		.3						4	4		
84/ 83								.3	.3	.4	.3							9	9		
82/ 81							.1	.3	.3		.1							6	6		
80/ 79				.1		.5	.5	.1	.4	.1	.4		.1					18	18		
78/ 77				.1	.1	.1	.5	.3	.5	.1								14	14		
76/ 75				.1	.4	.4	.8	.5	.5	.3		.3						25	25		
74/ 73				.3	.5	.4	.5	.7	.7	.5								27	27	2	
72/ 71			.1	.3	.5	.5	2.2	.2	1.1	.5	.4	.1						49	49	2	1
70/ 69		.1	.1	.7	.5	1.2	1.2	.8	.3	.3	.1							40	40	14	1
68/ 67	.1	.3	.3	.3	1.1	1.5	.9	.8	.9	.7								51	51	19	1
66/ 65	.1	1.2	.4	.9	.8	1.2	.4	.8	1.8	.1								58	58	28	7
64/ 63		.1	.3	.8	.9	1.3	1.1	.9	.5									45	45	38	25
62/ 61		.4	.7	.9	.9	.5	.8	1.6	.1									45	45	37	13
60/ 59		.1	1.6	.8	.9	.3	1.8	.9	.1									49	49	58	24
58/ 57	.3	1.2	1.5	.8	.7	1.3	1.2	.5										56	56	45	23
56/ 55	.1	.8	1.5	.8	.9	.9	1.3	.1										49	49	75	36
54/ 53		.9	1.3	.9	.9	.8	.7											42	42	58	43
52/ 51		1.2	1.2	.7	1.1	.8	.7											42	42	61	49
50/ 49		.8	.7	.4	.5	.9		.1										28	28	66	57
48/ 47	.1	.5	.4	.7	.5	.7												22	22	67	59
46/ 45	.1	.5	.1	.9	.8	.1												20	20	45	45
44/ 43		1.2	.1	.1	.7													16	16	38	38
42/ 41		.3	.1	.8	.1													10	10	33	42
40/ 39	.1		.1	.1	.1													4	4	17	32
38/ 37	.1	.5			.1													6	6	24	33
36/ 35			.1		.1													2	2	7	46
34/ 33			.3															2	2	2	35
32/ 31																				4	42
30/ 29																				1	29
28/ 27																				1	24
26/ 25																					14
24/ 23																					10
22/ 21																					5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAY — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19																					1
18/ 15																					2
14/ 13																					1
TOTAL	1.2	10.4	11.1	11.7	13.9	13.7	14.8	9.7	7.8	3.4	1.5	.7	.1						742		742
																		742		742	

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.	2623987	41737	56.2	19.310	742			30.8	13.3	4.0		93
Dry Bulb	2887510	45642	61.5	10.389	742			4.6	.3			93
Wet Bulb	2112745	39101	52.7	8.397	742		.8	.4				93
Dew Point	1539684	32820	44.2	10.897	742		16.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91										.1								1	1		
90/ 89							.4	.1	.1									5	5		
88/ 87						.3	.1	.1										4	4		
86/ 85					.1	.3	.5											7	7		
84/ 83				.1		.7	.7											8	8		
82/ 81			.5	.3	.1	.1		.1										9	9		
80/ 79			.4	.9	.4	.8	.4	.3	.1									25	25	1	
78/ 77			.7	1.2	.3	1.2	.7		.4									37	37	12	
76/ 75	.4	1.3	.9	1.5	1.3	.7	.1	1.6	.1									60	60	18	7
74/ 73		.9	.9	1.1	1.3	.7	.1	.3										40	40	38	17
72/ 71		.3	1.2	1.2	1.8	.5	.3	.4										42	42	22	22
70/ 69		.9	2.3	1.1	.7	.5	.4	.3										44	44	46	19
68/ 67		.8	1.9	1.2	.8	1.5	.9											53	53	44	24
66/ 65		1.6	1.6	1.9	.5	.1	.4											46	46	56	22
64/ 63	.3	2.3	3.4	1.6	.9	1.1	.1											70	70	55	53
62/ 61		2.0	2.0	1.1	1.8	.3												53	53	67	47
60/ 59		1.3	2.3	2.6	.8	.7												55	55	67	55
58/ 57		2.6	1.3	1.1	1.1	.3												47	47	59	59
56/ 55	.3	.8	.8	1.9	.8	.4												37	37	57	53
54/ 53	.1	1.2	1.6	1.2	.4													34	34	57	53
52/ 51		.7	1.1	.5	.7													22	22	41	23
50/ 49		.5	2.3	.4														24	24	33	43
48/ 47		.8	.3	.1														9	9	30	54
46/ 45			.4	.1														4	4	27	39
44/ 43			.3		.3													4	4	9	41
42/ 41				.1														1	1	5	38
40/ 39																					24
38/ 37																				1	19
36/ 35																				2	7
34/ 33																					7
32/ 31																					5
30/ 29																					2
28/ 27																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
74-81 — YEARS
MAY — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	1.1	17.9	25.8	21.3	14.7	10.1	4.9	3.2	.8	.1								741	741	741	741

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.	3625539	50425	68.0	16.196	741							
Dry Bulb	2353937	41175	55.6	9.442	741		.1	12.0	3.1	.5		93
Wet Bulb	1907116	37064	50.0	8.480	741		1.0	1.6				93
Dew Point	1541459	32937	44.4	10.229	741		12.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAY 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 Pt
94/ 93											.0							2	2		
92/ 91											.1	.0	.0	.0				7	7		
90/ 89										.1	.1	.1	.0	.0				21	21		
88/ 87								.0	.1	.2	.1	.1						29	29		
86/ 85							.0	.0	.2	.2	.1	.1						30	30		
84/ 83							.0	.2	.3	.1	.1	.1	.0	.0				48	48		
82/ 81						.1	.2	.3	.3	.1	.1	.1	.0	.0				71	71		
80/ 79				.0	.1	.2	.3	.2	.3	.1	.1	.0	.0	.0				82	82		
78/ 77				.1	.2	.2	.5	.3	.3	.2	.1	.0		.0				112	112		
76/ 75			.0	.1	.2	.4	.6	.6	.4	.3	.1	.1	.1					170	170		
74/ 73			.0	.2	.2	.5	.4	.5	.3	.4	.1	.1						157	157	11	
72/ 71			.3	.2	.6	.4	.3	.4	.5	.3	.2	.0						218	218	41	
70/ 69		.1	.2	.4	.4	.7	.6	.6	.3	.2	.0							211	211	97	
68/ 67	.0	.2	.5	.5	.6	.8	.7	.4	.5	.5	.1							278	278	138	1
66/ 65	.1	1.0	.8	.9	.9	.6	.5	.6	.7	.1								375	375	190	3
64/ 63	.1	.4	.6	.9	1.0	.7	.5	.6	.5	.0	.0							320	320	271	14
62/ 61	.1	.5	.9	.9	.9	.6	.6	.8	.1									311	311	260	16
60/ 59	.0	.7	1.3	.8	1.0	.7	.6	.5	.2									351	351	393	18
58/ 57	.1	1.2	1.5	1.0	1.0	.7	.6	.4	.0									385	385	393	21
56/ 55	.1	2.3	1.3	1.2	.9	.5	.5	.1										407	407	472	28
54/ 53	.1	1.9	1.8	1.0	.5	.5	.4	.1										376	376	444	41
52/ 51	.0	1.7	1.9	.8	.7	.6	.4											364	364	483	39
50/ 49	.0	1.8	1.2	.8	.6	.5	.1	.0										303	303	550	36
48/ 47	.0	2.0	1.2	.3	.6	.3	.0											291	291	460	42
46/ 45	.2	1.2	.9	.9	.5	.2	.0											233	233	361	44
44/ 43	.0	1.5	1.5	.6	.4	.1												246	246	329	36
42/ 41	.0	1.2	1.2	.5	.2	.0												190	190	292	32
40/ 39	.1	.9	1.0	.4	.0	.0												141	141	266	31
38/ 37	.0	.9	.3	.1	.0													82	82	219	29
36/ 35	.0	.5	.4	.2	.0													62	62	153	37
34/ 33		.3	.2	.0	.0													34	34	68	26
32/ 31		.2	.2	.1														27	27	53	29
30/ 29		.1	.0	.1														9	9	21	19
28/ 27		.0		.0														4	4	17	16

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 YEARS | MAY MONTH

 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
26/ 25																				7	111
24/ 23																				6	52
22/ 21																					56
20/ 19																					29
18/ 17																					3
16/ 15																					3
14/ 13																					0
12/ 11																					0
10/ 9																					3
TOTAL	1.0	20.5	19.3	13.7	11.6	9.1	5.4	6.6	4.9	2.7	1.3	.7	.2	.1				5947	5947	5947	
																		5947	5947		

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.	266225 84	379694	63.8	20.009	5947		5.0	179.7	91.2	31.0	.3	744
Dry Bulb	209567 01	345983	58.2	11.916	5947		13.0	34.7	1.4			744
Wet Bulb	16 069323	304307	51.2	9.152	5947		113.6	2.8				744
Dew Point	12433014	264490	44.5	10.615	5947							744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUN MONTH

 0000-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.7	.7	.1												8	8		
76/ 75					.7	.3												4	4		
74/ 73			.8	1.8	.4	.4	.1											26	26	2	
72/ 71		.1	2.9	1.3	1.1	.6												42	42	5	1
70/ 69		1.1	2.1	1.5	1.1	.6												46	46	24	6
68/ 67	.4	1.4	3.5	.8	1.1	.7	.6											61	61	35	24
66/ 65	.1	2.4	2.8	1.1	1.0	.8												59	59	53	35
64/ 63	.7	3.2	3.2	1.0	1.1	.1												67	67	66	61
62/ 61	.4	2.9	1.9	1.9	.6	1.0												63	63	60	49
60/ 59	.8	3.8	2.5	.4	1.4	.3												66	66	76	61
58/ 57		2.1	2.2	.4	.3													36	36	67	64
56/ 55		4.7	2.4	.4	.3													56	56	54	51
54/ 53		2.2	1.0	.7		.4												31	31	52	61
52/ 51	.3	1.7	2.4	.3														33	33	50	49
50/ 49	.4	5.1	1.7	.1	.3													55	55	39	54
48/ 47		2.5	.6	.3														24	24	58	54
46/ 45	.3	1.1	.6	.1														15	15	29	45
44/ 43	.1	1.8	.3	.3														18	18	17	37
42/ 41	.3	.6																6	6	21	28
40/ 39	.1	.3																3	3	5	18
38/ 37	.1																	1	1	5	11
36/ 35																					5
34/ 33																					4
32/ 31																					4
TOTAL	4.2	36.9	30.7	13.2	9.0	5.3	.7											720		720	720
																		720	720		

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.	4729732	57700	80.1	12.126	720							
Dry Bulb	2660549	43347	60.2	8.412	720			23.4	4.8			9
Wet Bulb	2347514	40742	56.6	7.650	720			9.3	.3			9
Dew Point	2132158	38730	53.8	8.242	720		.5	3.9				9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-82 — YEARS
JUN — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78 / 77				.6														4	4		
76 / 75				.3	.1	.4												6	6		
74 / 73			.6	1.1														12	12		
72 / 71		.4	3.5	.7	.3	.7												40	40	6	
70 / 69		.4	2.2	.4	1.5	.4		.1										37	37	12	3
68 / 67	.1	.8	1.9	.8	.3		.3											31	31	37	25
66 / 65	.4	3.5	2.5	2.2	.6	.4												69	69	37	30
64 / 63	.6	5.0	2.4	1.8	1.4													80	80	59	42
62 / 61	.6	2.9	2.1	1.3	.6	.1												54	54	74	52
60 / 59	1.3	2.6	1.5	1.3	.6	1.0												57	57	69	66
58 / 57	.6	4.4	1.7	.3	.3	.3												54	54	57	70
56 / 55		4.7	1.8	.4	.3													52	52	75	47
54 / 53		2.6	1.4	.3	.1	.3												34	34	42	67
52 / 51	.1	1.9	1.5	.1														27	27	43	48
50 / 49		2.6	1.3															26	26	33	40
48 / 47	.7	6.0	.8	.4	.1													58	58	53	45
46 / 45		3.5	.3	.4														30	30	38	49
44 / 43	.4	2.1	.4															21	21	39	38
42 / 41	.4	1.0	.3	.4														15	15	15	37
40 / 39	.6	.8																10	10	22	27
38 / 37		.1																1	1	4	12
36 / 35	.3																	2	2	5	13
34 / 33																					3
32 / 31																					2
30 / 29																					2
28 / 27																					2
TOTAL	5.7	45.6	25.8	12.8	6.1	3.6	.3	.1										720	720		720
																		720		720	

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.	4788084	59328	82.4	11.761	720							
Dry Bulb	2921533	42131	58.5	8.843	720			16.3	2.8			90
Wet Bulb	2257238	39890	55.4	8.104	720			6.9				90
Dew Point	2070376	38114	52.9	8.567	720		.8	3.5				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81						.1												1	1		
80/ 79					.4	.1												4	4		
78/ 77			.3	.1	.6	.1	.1											9	9		
76/ 75			1.3	1.1	.3	.1	.1											19	19	1	
74/ 73		.1	1.9	2.4	.8	.3												40	40	4	1
72/ 71		.6	2.1	1.3	1.5	.4	.1											41	41	17	2
70/ 69		.6	3.2	.8	1.4	1.3	.4	.3										55	55	36	16
68/ 67	.1	1.3	4.3	2.4	.7		.1											62	62	43	35
66/ 65	.7	2.6	3.3	1.9	1.3	.4	.3											76	76	47	45
64/ 63	.4	2.9	2.4	2.2	1.4	.1		.1										69	69	80	49
62/ 61	.3	3.9	1.9	2.6	1.5	.4	.1	.1										79	79	71	63
60/ 59	.3	2.4	2.2	1.3	.4	.1		.1										49	49	71	63
58/ 57		2.4	1.8	.8	.1		.1											38	38	64	60
56/ 55		3.1	1.4	1.3	.7	.1												45	45	79	59
54/ 53	.1	1.8	1.5	1.4	.1													36	36	38	65
52/ 51		2.1	1.4	.3	.1													28	28	46	53
50/ 49	.1	1.9	1.4	.3	.1													28	28	35	60
48/ 47		2.2	.4	.3	.1													22	22	36	33
46/ 45		1.4	.3															12	12	31	37
44/ 43		.4			.3													5	5	12	32
42/ 41		.1																1	1	5	23
40/ 39		.1																1	1	2	5
38/ 37																				2	10
36/ 35																					2
34/ 33																					1
32/ 31																					2
30/ 29																					1
28/ 27																					3
TOTAL	2.1	29.9	30.6	19.9	11.9	3.5	1.5	.7										720	720		720
																				720	

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.	4513386	56308	78.2	12.357	720							
Dry Bulb	2644383	44891	62.3	7.954	720			28.9	9.1	.5		90
Wet Bulb	2482941	41949	58.3	7.354	720			12.6	.6			90
Dew Point	2241322	39734	55.2	8.218	720		.5	6.8	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-87 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87									.1									1	1		
86/ 85						.1	.1	.6	.3									6	8		
84/ 83					.3	.4	.7	.1		.1								12	12		
82/ 81				.3	1.3	.8	.8	.6	.1									28	28		
80/ 79				.4	1.1	1.1	1.0	.1	.4	.1								31	31		
78/ 77			.1	1.3	1.5	.6	.7	.7	.4									38	38		
76/ 75			.6	1.8	2.5	1.4	1.3	1.3	.1	.1								65	65	5	
74/ 73		.4	1.1	2.8	1.0	2.1	1.5	1.0	.6									75	75	27	1
72/ 71		.1	1.4	2.4	2.6	1.0	1.8	.6										71	71	41	12
70/ 69		.4	1.4	1.4	1.3	1.8	1.1	.6	.4									60	60	53	31
68/ 67	.1	.4	2.1	1.5	1.4	1.3	.7	.7										59	59	60	41
66/ 65		1.4	1.7	1.7	1.0	.7	1.0	.7	.1									59	59	67	53
64/ 63		.7	1.5	2.5	1.1	.8	.7	.1										54	54	87	54
62/ 61		.6	1.3	1.7	1.4	.8	.1	.1	.1									44	44	66	66
60/ 59		1.8	1.3	.3	.7	.4		.1										33	33	70	49
58/ 57	.1	.6	.8	.4	.8	.1												21	21	76	64
56/ 55		.6	.8	.3	.4													15	15	40	61
54/ 53		.4	.8	.3	.4	.4												17	17	41	60
52/ 51		1.0	.8	.3	.1	.1												17	17	30	57
50/ 49		.1	.7	.1	.1	.3												10	10	22	31
48/ 47			.1	.1														2	2	17	35
46/ 45																				11	22
44/ 43																				3	26
42/ 41																				3	21
40/ 39																				1	15
38/ 37																					9
36/ 35																					3
34/ 33																					1
32/ 31																					4
30/ 29																					2
28/ 27																					2
TOTAL	.3	8.5	16.5	19.4	19.0	14.3	11.5	7.2	2.8	.4									720		720
																		720		720	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3272511	47351	65.8	14.845	720							
Dry Bulb	3447023	49473	68.7	8.137	720			56.0	32.3	7.3		96
Wet Bulb	2748975	44193	61.4	7.120	720			23.3	4.0			96
Dew Point	2323617	40415	56.1	8.750	720		1.0	10.5	.1			96

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
JUN — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92 / 91									.3		.1	.1						4	4		
90 / 89								.3	.6	.4	.4							12	12		
88 / 87							.4	1.0	.7	.3	.1							18	18		
86 / 85						.7	.8	1.4	.4	.4	.1							28	28		
84 / 83						.6	.8	.8	1.0	1.0	.1							31	31		
82 / 81	.1				.7	.7	1.8	1.7	1.0	1.3	.3	.1						55	55	1	1
80 / 79				.4	1.5	1.5	1.0	1.8	1.0	.7	.6	.1						62	62		
78 / 77			.3	.4	1.0	2.1	1.3	1.8	1.0	1.4								66	66		
76 / 75				.7	1.9	1.0	1.0	1.3	.8	.4	.6							55	55	17	
74 / 73			.1	1.7	1.0	1.9	1.0	.8	.6	.6								55	55	39	3
72 / 71			.8	1.5	.8	1.3	.7	1.3	1.3	.1								56	56	41	3
70 / 69			1.5	1.0	.8	1.7	.8	.7	1.1									55	55	59	33
68 / 67		.3	1.0	1.5	1.5	.6	.4	1.3	.6		.1							52	52	76	31
66 / 65	.4	.4	1.0	1.0	.3	.1	.7	.3	.3	.1								33	33	80	45
64 / 63		.4	.6	1.3	.4	.6	1.3	.4	.1									36	36	68	74
62 / 61		1.1	1.4	.8	.7	.1	.3											32	32	72	51
60 / 59	.3	.7	.6	.4	.3	.4												19	19	71	66
58 / 57		.1	.8		.6	.6	.3											17	17	57	53
56 / 55			.1	.3	.3	.4	.1											9	9	36	58
54 / 53		.8	.4	.3	.4	.1												15	15	38	64
52 / 51	.3	.1	.3	.3	.3													9	9	24	49
50 / 49				.1														1	1	17	22
48 / 47																				12	28
46 / 45																				9	25
44 / 43																				3	29
42 / 41																					31
40 / 39																					25
38 / 37																					12
36 / 35																					6
34 / 33																					6
32 / 31																					1
30 / 29																					2
28 / 27																					1
26 / 25																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.1	4.0	8.9	11.7	12.5	14.3	12.6	14.7	10.6	6.7	2.5	.4						720	720		720
																		720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2525853	40917	56.8	16.702	720							
Dry Bulb	3871784	52410	72.8	8.886	720			68.6	48.3	21.9		90
Wet Bulb	2861754	45106	62.6	7.075	720			29.1	7.1	.1		90
Dew Point	2276803	39939	55.5	9.238	720		.6	8.9	.5	.1		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91								.1	.4	.1	.4	.3						10	10		
90/ 89							.1	.1	.3	.1	.1							6	6		
88/ 87						.1	.3	.7	1.1	.7	.3	.3						25	25		
86/ 85						.3	.1	1.1	1.1	1.0	.1							27	27		
84/ 83					.1	.6	.6	1.9	1.5	1.1	.3	.1	.1					46	46		
82/ 81					.3	1.0	.6	1.1	1.0	1.8	.8	.8						53	53		
80/ 79				.1	1.1	1.0	1.3	1.0	1.8	1.7	.6	.1						60	60		
78/ 77				.3	1.3	1.4	1.3	1.4	1.3	.6	.1	.3						56	56	5	
76/ 75			.3	1.4	1.3	1.1	.6	1.5	.8	1.4	.3	.1						63	63	9	
74/ 73		.3	.3	1.3	.8	1.3	1.4	.6	1.3	1.0	.1							59	59	23	
72/ 71		.3	.3	1.4	1.9	.7	1.3	.4	.8									49	49	48	11
70/ 69		.6	1.1	1.8	1.1	.8	.8	.8	1.3									58	58	77	19
68/ 67		.4	.7	.8	1.3	.7	.7	1.1	.7	.4								49	49	64	37
66/ 65		.8	.4	.8	1.5	.3	.3	.8	.4									39	39	78	36
64/ 63	.1	1.1		.7	.8	.6	.1	.3										27	27	77	58
62/ 61		.4	1.0	.7	.4	.4	.4											24	24	76	76
60/ 59		.8	1.0	.1		.1												15	15	58	61
58/ 57		.4	.4	.3	.6	.3	.6											18	18	65	43
56/ 55			.3		.7	.3												9	9	46	57
54/ 53	.3	.6		.4	.6													13	13	25	56
52/ 51	.1	1.0	.3	.4	.1													14	14	27	51
50/ 49																				19	36
48/ 47																				14	34
46/ 45																				9	32
44/ 43																					21
42/ 41																					35
40/ 39																					23
38/ 37																					19
36/ 35																					7
34/ 33																					5
32/ 31																					3
28/ 27																					1
TOTAL	.6	6.7	6.0	10.6	13.9	10.8	9.7	13.1	13.5	9.9	3.2	2.1	.1					720		720	720

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2443125	39885	55.4	18.027	720							
Dry Bulb	3922864	52746	73.3	9.042	720			70.1	50.6	25.1		9
Wet Bulb	2847402	45008	62.5	6.867	720			28.3	4.6			9
Dew Point	2231738	39540	54.9	9.160	720		.5	8.4				9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUN MONTH

PAGE 1 | 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 89											.1							1	1		
88/ 87							.1	.1		.1	.1							4	4		
86/ 85						.3	.6	.3	.1	.3	.1							12	12		
84/ 83					.3		.7	.7	.4	.3								17	17		
82/ 81					.3	.3	1.3	1.1	.3		.1	.1						25	25		
80/ 79				.4	.7	1.1	.6	.8	1.0	.3	.4							38	38		
78/ 77				.7	1.1	1.3	.7	.4	1.1	.3								40	40	1	
76/ 75			.1	1.3	1.3	1.3	1.1	1.0	.4	.4	.1							54	54	5	
74/ 73			.7	1.3	1.8	1.0	2.4	.8	1.4	.4								70	70	12	
72/ 71		.3	1.4	1.7	1.9	1.0	1.0	.1	.7	.1								59	59	25	8
70/ 69	.1	.7	.8	1.5	1.8	1.1	.7	1.3	.4	.1								62	62	61	13
68/ 67	.6	.6	2.2	2.2	1.3	1.3	1.4	.4	.3									73	73	62	44
66/ 65		1.3	1.1	1.0	1.0	.8	1.4	.8	.4									56	56	60	30
64/ 63	.4	1.4	1.3	1.7	1.4	1.0	.7	.1	.1									58	58	89	58
62/ 61	.1	.8	1.1	.6	1.1	.6	.4	.3										36	36	76	66
60/ 59		.6	1.1	.7	.4	.8		.1										27	27	68	61
58/ 57		1.5	1.1	.6		.4	.1											27	27	62	49
56/ 55		.7	.4	.6	.7	.4	.1											21	21	59	58
54/ 53	.1	.6	.1	.8	.3													14	14	47	54
52/ 51	.3	1.5	.1	.7	.1													20	20	36	60
50/ 49		.1	.4	.3														6	6	26	38
48/ 47																				17	41
46/ 45																				12	27
44/ 43																				2	35
42/ 41																					25
40/ 39																					19
38/ 37																					19
36/ 35																					5
34/ 33																					2
32/ 31																					6
TOTAL	1.7	10.0	12.1	16.4	15.4	12.5	13.2	8.5	6.7	2.4	1.1	.1						720		720	720
																		720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3061036	45262	62.9	17.320	720							
Dry Bulb	3476214	49672	69.0	8.289	720			56.9	32.6	9.1		90
Wet Bulb	2696544	43790	60.8	6.801	720			20.8	2.3			90
Dew Point	2216287	39439	54.8	8.822	720		.8	8.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
JUN — MONTH

PAGE 1
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							.1											1	1		
82/ 81					.1	.1		.1										3	3		
80/ 79				.1	.3		.3											5	5		
78/ 77				.4	.4	.4	.4	.1										13	13		
76/ 75			.3	1.3	.8	.3	.3	.3										23	23		
74/ 73			.8	2.4	1.0	1.1	.4											41	41	3	
72/ 71		.1	2.8	1.8	2.1	1.0	.4	.3										61	61	10	
70/ 69	.1	.7	1.7	1.4	.7	1.1	.7											46	46	25	13
68/ 67	.6	1.1	3.9	.4	1.4	1.3	.8											67	67	59	19
66/ 65	.6	1.0	3.3	2.5	.8	.8	.6											69	69	66	56
64/ 63	.7	2.6	3.3	2.4	1.1	.4	.7											81	81	57	51
62/ 61	.4	3.1	2.4	1.4	.8	.7	.3											65	65	82	49
60/ 59		1.1	2.2	.7	1.4	.1	.1											41	41	77	70
58/ 57		1.4	1.9	.7	1.1	.1												38	38	63	73
56/ 55		2.1	3.2	1.5	.1		.3											52	52	47	42
54/ 53		2.1	1.8	.8	.3	.1												37	37	61	52
52/ 51	.3	1.7	1.4	.3	.4													29	29	59	68
50/ 49		.7	1.9	1.0														26	26	39	54
48/ 47		1.1	.3	.1														11	11	26	49
46/ 45		.1	.6	.3														7	7	24	36
44/ 43	.1	.3																3	3	3	23
42/ 41		.1																1	1	4	31
40/ 39																				3	13
38/ 37																					14
36/ 35																					4
34/ 33																					1
32/ 31																					5
TOTAL	2.8	19.3	31.7	19.4	12.9	7.6	5.4	.8											720		720
																		720		720	

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.	4124271	53613	74.5	13.555	720							
Dry Bulb	2920074	45498	63.2	7.909	720			32.5	10.8	.8		90
Wet Bulb	2482571	41967	58.3	7.117	720			12.1	.4			90
Dew Point	2189252	39264	54.5	8.171	720		.6	4.0				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
JUN — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91								.0	.1	.0	.1	.1						14	14		
90/ 89							.0	.1	.1	.1	.1							19	19		
88/ 87						.0	.1	.2	.2	.1	.1	.0						48	48		
86/ 85						.2	.2	.4	.2	.2	.1							75	75		
84/ 83					.1	.2	.4	.5	.4	.3	.1	.0	.0					107	107		
82/ 81	.1			.0	.3	.4	.6	.6	.3	.4	.2	.1						165	165	1	1
80/ 79				.2	.6	.6	.5	.5	.5	.3	.2	.0						200	200		
78/ 77			.1	.6	.8	.7	.6	.6	.5	.3	.0	.0						234	234	6	
76/ 75			.3	1.0	1.1	.7	.5	.7	.3	.3	.1	.0						289	289	37	
74/ 73		.1	.8	1.8	.9	1.0	.9	.4	.5	.2	.0							378	378	110	5
72/ 71		.2	1.9	1.5	1.5	.8	.6	.3	.3	.0								419	419	193	37
70/ 69	.1	.6	1.8	1.2	1.2	1.1	.6	.5	.4	.0								419	419	347	133
68/ 67	.2	.8	2.4	1.3	1.1	.7	.6	.4	.2	.1	.0							454	454	436	256
66/ 65	.3	1.7	2.0	1.5	.9	.6	.5	.3	.2	.0								460	460	488	328
64/ 63	.4	2.2	1.8	1.7	1.1	.5	.4	.1	.0									472	472	585	447
62/ 61	.2	2.0	1.6	1.4	.9	.5	.2	.1	.0									397	397	577	474
60/ 59	.3	1.7	1.5	.6	.6	.4	.0	.1										307	307	560	497
58/ 57	.1	1.6	1.4	.4	.5	.2	.1											249	249	511	476
56/ 55		2.0	1.3	.6	.4	.2	.1											259	259	436	433
54/ 53	.1	1.4	.9	.6	.3	.2												197	197	344	479
52/ 51	.2	1.4	1.0	.3	.2	.0												177	177	315	434
50/ 49	.1	1.3	.9	.2	.1	.0												152	152	230	339
48/ 47	.1	1.5	.3	.2	.0													117	117	233	319
46/ 45	.0	.8	.2	.1														64	64	163	273
44/ 43	.1	.6	.1	.0	.0													47	47	91	241
42/ 41	.1	.2	.0	.1														23	23	48	231
40/ 39	.1	.2																14	14	33	143
38/ 37	.0	.0																2	2	11	106
36/ 35	.0																	2	2	5	45
34/ 33																					23
32/ 31																					27
30/ 29																					7
28/ 27																					9
26/ 25																					1

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

USAFETAC FORM 0-26-3 (OL A) 1 JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poin
TOTAL	.3	20.1	20.3	15.4	12.6	9.0	6.9	5.6	4.2	2.4	.9	.3	.0					5760	5760		5760
																		5760		5760	

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.	29657998	400364	69.5	17.824	5760							
Dry Bulb	25664424	380168	66.0	9.973	5760			352.6	191.1	64.6		72
Wet Bulb	20724939	342645	59.5	7.706	5760			141.2	19.3	.1		72
Dew Point	17681533	315175	54.7	8.699	5760		5.5	54.0	.7	.1		72

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUL MONTH

 0000-2200 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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	.3													3	3		
80/ 79					.3	.7												7	7		
78/ 77				.4	.8													9	9		
76/ 75			.4	1.7	.5	.3												22	22	3	
74/ 73		.4	3.2	2.3	1.3	.8												60	60	2	
72/ 71	.1	1.3	2.6	2.6	1.1	.4												60	60	26	
70/ 69		2.0	4.6	1.7	.9	.5	.3											74	74	55	22
68/ 67	.8	2.2	3.6	1.9	1.2	.1												73	73	72	65
66/ 65	.8	4.4	2.2	1.1	.8	.1												70	70	94	69
64/ 63	.5	5.4	1.7	.9	1.1													72	72	90	79
62/ 61	1.1	5.9	1.9	.8	.6	.1												79	79	91	85
60/ 59	.7	3.8	1.5	.5	.7													53	53	76	96
58/ 57	.8	3.8	2.2	.7	.3													57	57	65	89
56/ 55	.4	3.4	1.3	.4														41	41	57	59
54/ 53	.3	1.6	.3	.3	.3													23	23	40	62
52/ 51	.1	1.5	.9	.3														21	21	27	35
50/ 49		1.7	.1															14	14	17	39
48/ 47		.5																4	4	21	24
46/ 45		.4																3	3	7	15
44/ 43		.3																2	2	4	10
42/ 41																				1	
40/ 39																					
TOTAL	5.6	39.6	26.5	15.7	10.2	3.1	.3											744	744	744	744

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.	5140187	61279	82.4	11.187	744							
Dry Bulb	3121955	47903	64.4	7.122	744			38.5	12.6	.8		9
Wet Bulb	2797417	45375	61.0	6.364	744			19.8	.6			9
Dew Point	2598403	43679	58.7	6.773	744			11.9				9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	De
≥ / 81				.1	.1													2	2		
80 / 79				.1														1	1		
78 / 77				.1	.3													5	5		
76 / 75			.5	.9	.1													11	11	2	
74 / 73		.4	1.6	2.4	.7	.7												43	43	2	
72 / 71		1.3	3.1	1.6	1.5	.9												62	62	10	
70 / 69		1.6	2.4	.9	.7													42	42	49	
68 / 67	.8	2.8	3.6	1.7	1.1		.4											78	78	49	
66 / 65	.8	5.8	2.8	1.5	.3		.1											64	64	79	
64 / 63	1.3	5.0	1.5	.9	.7													75	75	95	
62 / 61	1.1	5.5	1.1	.7	.1													53	53	34	
60 / 59	1.2	4.4	1.5	.8	.2													66	66	31	
58 / 57	.8	3.6	.7	1.1														46	46	57	
56 / 55	1.3	2.8		.5	.4													38	38	48	
54 / 53	.7	4.2	1.1	.1														45	45	47	
52 / 51	.8	2.6																25	25	44	
50 / 49	.4	2.4	.5	.1														26	26	74	
48 / 47	.4	2.2																19	19	22	
46 / 45		1.2	.1															13	13	21	
44 / 43		.4																3	3	5	
42 / 41	.3	.3																4	4	6	
40 / 39																					
TOTAL	8.9	46.5	20.6	13.7	7.1	1.6	.5												744		
																		744		744	

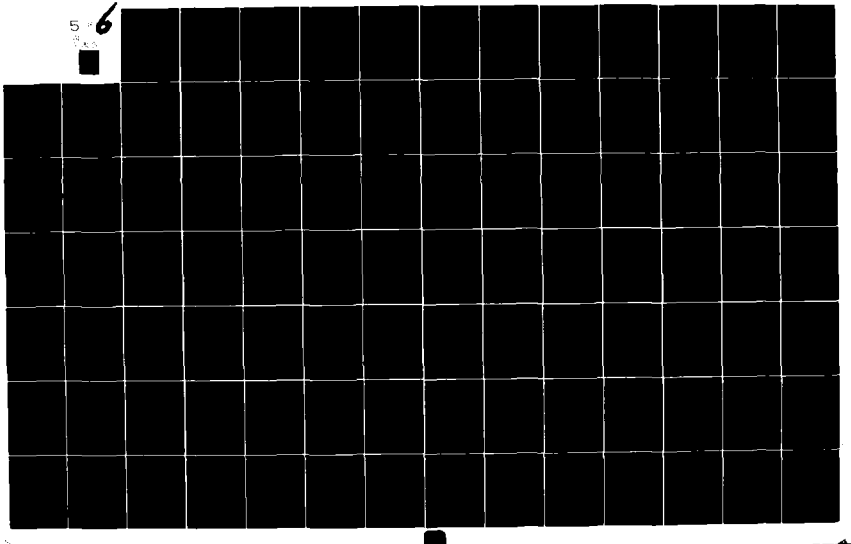
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Te
Rel. Hum.	55067[illegible]1	[illegible]3467	8[illegible].3	11.171	744							
Dry Bulb	2946598	46474	62.5	7.660	744			30.6	7.8	.4		
Wet Bulb	2684229	44397	59.7	6.955	744			14.8	.5			
Dew Point	2524[illegible]4	43[illegible]12	57.8	7.104	744			9.6				

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

AD-A113 224 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BURLINGTON IAP, VERMONT. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(U)
DEC 81

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
34/ 83					.1													1	1		
82/ 81				.3														2	2		
80/ 79				.5	1.2	.1												14	14		
78/ 77			.1	1.6	1.2	.1												23	23		
76/ 75		.4	1.1	2.7	.8	.5												41	41	3	
74/ 73		.5	2.0	3.3	1.1	.9	.1											57	57	16	2
72/ 71	.3	1.5	3.6	2.0	1.6	.1												68	68	42	18
70/ 69		2.4	4.0	3.0	1.5	.5	.3											87	87	59	39
68/ 67	.8	3.4	4.3	1.2	.9	.3	.3	.1										84	84	83	69
66/ 65	.4	5.2	3.2	2.4	1.1	.1		.1										94	94	95	76
64/ 63	.4	4.0	2.4	1.7	.8	.3												72	72	104	77
62/ 61	.1	3.9	2.0	1.2	.7	.3												61	61	84	92
60/ 59	.1	3.0	1.2	1.7	.4	.1												49	49	77	84
58/ 57	.3	1.7	1.6	.9	.4	.1												38	38	51	79
56/ 55	.1	1.3	.4	.5														18	18	37	52
54/ 53	.1	1.1	.3	.1														12	12	46	45
52/ 51		.9	.5															11	11	17	24
50/ 49	.1	.5	.1															6	6	15	35
48/ 47	.1	.4																4	4	10	21
46/ 45		.3																2	2	4	16
44/ 43																				1	7
42/ 41																					5
40/ 39																					2
38/ 37																					1
TOTAL	3.0	30.6	27.0	23.0	11.8	3.6	.7	.3										744	744		744
																				744	

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.	4851348	59486	80.0	11.319	744							
Dry Bulb	3312761	49399	66.4	6.648	744			47.1	17.3	1.4		93
Wet Bulb	2928383	46457	62.4	6.084	744			25.4	2.4			93
Dew Point	2696298	44506	59.8	6.760	744			16.0	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
JUL — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91									.1									1	1		
90/ 89								.1	.1									2	2		
88/ 87							.3	.3										4	4		
86/ 85					.1	.3	1.1	1.1	.3	.1								22	22		
84/ 83				.1	.5	1.6	.9	.4	.4	.4								33	33		
82/ 81					1.1	2.4	1.3	.7	.1		.1							43	44		
80/ 79			.1	.7	2.7	2.3	2.4	.9	.4	.1	.1							73	73		
78/ 77		.1	1.3	1.5	3.6	2.0	2.2	1.1	.4									91	91	4	
76/ 75	.1	.5	.7	2.2	2.4	2.2	1.7	1.1	.1									82	82	21	2
74/ 73		.4	1.3	3.0	1.3	2.6	1.3	.7	.5	.1								84	84	58	14
72/ 71		.7	3.2	1.6	2.2	2.2	1.2	.5	.3									88	88	77	24
70/ 69		.4	2.0	1.2	2.2	1.6	.5	.7	.1									65	65	95	53
68/ 67		.7	.5	1.5	2.3	1.1	1.1	.3										55	55	100	71
66/ 65		1.5	1.2	1.2	1.3	.4	.4	.1										46	46	83	69
64/ 63		.8	.1	.4	.4	.5	.4											20	20	87	77
62/ 61		.7	.1	.3	1.2		.7											22	22	81	71
60/ 59				.3	.5	.4												9	9	50	66
58/ 57																				32	64
56/ 55																				20	61
54/ 53				.1														1	1	18	39
52/ 51			.3															2	2	8	25
50/ 49																				7	27
48/ 47																				2	19
46/ 45																					4
44/ 43																					6
42/ 41																					6
40/ 39																					7
38/ 37																					3
TOTAL	.1	5.8	11.0	14.0	21.9	19.5	15.6	7.9	3.0	.8	.3							743	744	743	743

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.	3169077	47447	63.9	13.695	743							
Dry Bulb	4084775	54927	73.8	6.322	744			80.5	54.5	18.4		9
Wet Bulb	3216226	48713	65.6	5.789	743			44.4	10.4			9
Dew Point	2742850	44792	60.3	7.573	743			20.5	2.0			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97											.1							1	1		
96/ 95											.1							1	1		
94/ 93										.3	.1							3	3		
92/ 91								.1	.5	.3		.1						8	8		
90/ 89							.3	.7	1.1	1.7	.4	.1						32	32		
88/ 87						.1	1.1	1.5	1.9	.5	.4							41	42		
86/ 85						.5	.9	2.0	.9	.5	1.1	.1						46	46		
84/ 83					.7	.8	2.8	2.6	1.9	1.5	.7		.3					83	83		
82/ 81				.5	.5	1.2	2.2	2.3	2.3	1.5	.3	.1						81	81		
80/ 79		.1		.8	1.5	1.9	2.3	3.2	1.2	.7	.4							90	90		
78/ 77	.1		.3	.5	1.5	2.0	1.1	2.2	1.6	.7	.1							75	75	8	2
76/ 75		.3	.1	1.2	1.7	2.2	1.5	1.2	.5	1.1	.3							75	75	40	1
74/ 73		.1	.7	1.3	.7	1.2	2.0	.4	.9	.1	.1							57	57	63	7
72/ 71		.1	1.1	.9	1.1	.9	1.1	.7	.4									47	47	94	21
70/ 69	.1	.1	1.2	.4	.5	.7	.1	.8	.4									33	33	97	49
68/ 67		.4	.7	.1	.3	.3	1.1	.8	.3									29	29	99	57
66/ 65		.8		.3		.4	.3	.7										18	18	103	78
64/ 63		.3	.1	.1	.3	.3	.4	.4										14	14	72	91
62/ 61		.3		.1	.4													6	6	56	63
60/ 59		.1																1	1	43	62
58/ 57					.1													1	1	19	63
56/ 55				.1														1	1	23	58
54/ 53																				14	43
52/ 51																				11	33
50/ 49																				1	16
48/ 47																					32
46/ 45																					19
44/ 43																					19
42/ 41																					10
40/ 39																					9
38/ 37																					9
36/ 35																					1
TOTAL	.3	2.7	4.2	6.6	9.3	12.5	17.1	19.5	14.0	8.9	4.2	.5	.3					743	744	743	743

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.	2287891	39739	53.5	14.797	743							
Dry Bulb	4596805	58261	78.3	6.816	744			87.9	74.3	42.1	.6	93
Wet Bulb	3313995	49439	66.5	5.727	743			50.2	13.9			93
Dew Point	2647599	43935	59.1	8.179	743			17.1	1.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99												.1						1	1		
98/ 97											.1							1	1		
96/ 95										.1								1	1		
94/ 93									.1	.1	.1	.3						5	5		
92/ 91							.1	.3	.8	.5	.3	.5	.3					21	21		
90/ 89								.8	.5	1.6	.0	.1						30	30		
88/ 87						.1	.7	1.5	2.0	.9	.8	.1						46	46		
86/ 85						.4	1.3	2.2	1.3	.8	1.6	.1		.3				60	60		
84/ 83					.4	.4	1.9	1.2	2.2	2.3	1.5	.1	.1					75	75		
82/ 81				.1	.9	.8	1.3	2.8	1.9	.8	1.1							73	73		
80/ 79		.1		.4	.9	1.9	3.1	1.6	1.5	1.5	.8	.1						89	89	2	
78/ 77		.1	.3	.8	.7	2.4	1.6	2.3	2.0	1.2	.1	.1						87	87	11	
76/ 75	.1			1.1	.3	1.6	1.1	1.1	1.1	.8	.1							54	54	33	3
74/ 73		.1	.7	1.5	.7	1.1	1.1	1.7	1.2	.1								61	61	60	7
72/ 71		.1	1.1	.8	.5	.3	.4	.5	1.5									39	39	72	15
70/ 69		.8	1.2	.3		.4	.1	.3	.1									24	24	92	42
68/ 67		.9	1.1	.1	.1	.7	.5	.5	.5									34	34	122	59
66/ 65		.7	.8		.1	.1	.5	.7	.1									23	23	105	62
64/ 63		.5	.3	.3	.1	.1	.3											12	12	71	78
62/ 61		.1	.1	.3	.1	.1												6	6	64	84
60/ 59		.1			.1													2	2	44	63
58/ 57																				30	64
56/ 55																				16	39
54/ 53																				11	50
52/ 51																				11	44
50/ 49																					32
48/ 47																					27
46/ 45																					29
44/ 43																					21
42/ 41																					8
40/ 39																					10
38/ 37																					4
36/ 35																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.1	3.8	5.5	5.6	5.1	10.5	14.1	17.5	16.9	10.9	7.5	1.7	.4	.3				744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2199841	38611	51.9	16.244	744							
Dry Bulb	4657811	58629	78.8	7.124	744			67.6	75.5	45.4	1.0	93
Wet Bulb	3303333	49401	66.4	5.581	744			49.0	13.3			93
Dew Point	2595750	43522	58.5	8.189	744			15.8	1.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.1									1	1		
92/ 91									.4			.1						4	4		
90/ 89								.3										2	2		
88/ 87						.1	.4	.4	.4			.1						11	11		
86/ 85					.1	.5	1.1	.9	.4	.3								25	25		
84/ 83					.3	.8	1.1	.4	1.1	.1	.1	.1	.1					31	31		
82/ 81				.3	.8	2.0	1.6	1.3	1.2	.8	.1							61	61		
80/ 79				.7	1.1	1.6	2.6	1.3	.9	.7								66	66		
78/ 77			.3	.7	1.6	3.0	1.7	.8	1.5	.1								72	72	5	
76/ 75			.4	2.3	2.2	2.8	2.3	1.2	.8	.3								91	91	16	
74/ 73			1.1	2.4	2.4	1.7	2.0	1.3	.3									84	84	44	5
72/ 71	.4		1.3	2.2	1.9	1.6	1.3	1.1	.4									76	76	58	16
70/ 69		.7	1.5	1.2	.7	1.2	.8	.8	.1									52	52	64	33
68/ 67	.1	2.7	1.3	.8	1.1	.9	.8	.3										60	60	121	70
66/ 65		1.3	1.3	.8	1.1	.7	.5	.3	.1									46	46	123	62
64/ 63		1.2	.3	.8	.7	.4	.5	.3										31	31	82	80
62/ 61		.3	.7	.1	.4	.4	.1											15	15	84	100
60/ 59		.5	.5		.3		.1											11	11	52	68
58/ 57			.3	.1	.3													5	5	39	59
56/ 55																				23	57
54/ 53																				17	43
52/ 51																				12	41
50/ 49																				4	36
48/ 47																					25
46/ 45																					15
44/ 43																					13
42/ 41																					9
40/ 39																					6
38/ 37																					3
36/ 35																					1
TOTAL	.5	6.7	9.0	12.4	14.8	17.9	17.1	10.8	7.8	2.3	.3	.4	.1					744	744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2957388	45496	61.2	15.359	744
Dry Bulb	4116126	55116	74.1	6.674	744
Wet Bulb	3165181	48355	65.0	5.495	744
Dew Point	2636398	43940	59.1	7.459	744

Mean No. of Hours with Temperature					
≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
		79.5	56.0	20.4	.1	93
		39.5	8.1			93
		15.5	.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83					.4			.1										4	4		
82/ 81					1.1	.5												12	12		
80/ 79					.8	.5	.1											11	11		
78/ 77			.3	.7	2.0	.7	.4											30	30		
76/ 75		.3	.7	2.3	1.3	1.5	.1											46	46	3	
74/ 73		.4	2.7	3.5	2.4	.7	.7											77	77	13	1
72/ 71		1.1	4.7	3.0	1.3	1.7	.3											90	90	38	13
70/ 69		.8	3.5	2.3	2.7	.8	.3											77	77	64	29
68/ 67	.4	1.6	3.6	1.7	1.7	.4	.4											74	74	92	68
66/ 65	.4	5.4	2.2	2.4	1.1	.7	.1											91	91	98	62
64/ 63		3.5	1.6	2.0	1.1	.7	.1											67	67	96	100
62/ 61	.1	3.1	2.8	1.2	1.1	.3												64	64	94	104
60/ 59		2.0	1.6	1.2	.3	.3	.1											41	41	77	70
58/ 57		1.1	1.6	.1	.4													24	24	48	65
56/ 55		.7	1.1	.3	.4													18	18	47	60
54/ 53		.1	.9	.3														10	10	35	52
52/ 51		.1	.5															5	5	17	26
50/ 49			.1															1	1	12	37
48/ 47		.1																1	1	7	23
46/ 45																				2	15
44/ 43																					5
42/ 41																					6
40/ 39																					3
38/ 37																					1
TOTAL	.9	20.3	28.0	21.0	18.2	8.7	2.7	.1										743	743		743
																		743		743	

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.	4355125	56185	75.6	11.978	743							
Dry Bulb	3429895	50257	67.6	6.409	743			52.7	22.5	2.5		93
Wet Bulb	2946264	46588	62.7	5.814	743			26.3	2.0			93
Dew Point	2654768	44128	59.4	6.763	743			13.9	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — 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						1	1		
98/ 97											.0							2	2		
96/ 95										.0	.0							2	2		
94/ 93									.0	.1	.0	.0						9	9		
92/ 91							.0	.1	.2	.1	.0	.1	.0					34	34		
90/ 89							.0	.2	.2	.4	.2	.0						66	66		
88/ 87						.1	.3	.5	.5	.2	.2	.0						102	103		
86/ 85					.0	.2	.6	.8	.4	.2	.3	.0		.0				153	153		
84/ 83				.0	.3	.5	.8	.6	.7	.5	.3	.0	.1					227	227		
82/ 81				.2	.6	.9	.8	.9	.7	.4	.2	.0						277	278		
80/ 79		.0	.0	.4	.1	1.1	1.3	.9	.5	.4	.2	.0						351	351	2	
78/ 77	.0	.0	.3	.8	1.5	1.3	.9	.8	.7	.3	.0	.0						392	392	28	2
76/ 75	.1	.2	.5	1.3	1.2	1.4	.8	.6	.3	.3	.1							422	422	121	6
74/ 73		.3	1.7	2.4	1.3	1.2	.9	.5	.4	.1	.0							523	523	258	36
72/ 71	.1	.8	2.6	1.8	1.4	1.0	.5	.4	.3									531	531	423	121
70/ 69	.0	1.1	2.6	1.4	1.1	.7	.3	.3	.1									454	454	575	284
68/ 67	.4	1.8	2.4	1.1	1.1	.5	.6	.3	.1									487	487	738	513
66/ 65	.3	3.1	1.7	1.2	.7	.3	.3	.2	.0									472	472	780	556
64/ 63	.3	2.6	1.0	.9	.6	.3	.2	.1										358	358	690	661
62/ 61	.3	2.5	1.1	.6	.6	.2	.1											316	316	638	675
60/ 59	.3	1.7	.8	.6	.4	.1	.0											232	232	500	598
58/ 57	.2	1.3	.8	.4	.2	.0												171	171	341	536
56/ 55	.2	1.0	.4	.2	.1													116	116	271	449
54/ 53	.1	.9	.3	.1	.0													88	88	234	361
52/ 51	.1	.6	.3	.0														64	64	147	267
50/ 49	.1	.6	.1	.0														47	47	90	256
48/ 47	.1	.4																28	28	62	206
46/ 45		.2	.0															15	15	34	165
44/ 43		.1																5	5	10	101
42/ 41	.0	.0																4	4	7	59
40/ 39																					49
38/ 37																					21
36/ 35																					8

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	2.6	19.4	16.5	14.0	12.3	9.7	8.5	7.0	5.2	2.9	1.5	.3	.1	.0				5949	5951	5949	5949

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	30467638	411710	69.2	18.220	5949							
Dry Bulb	30266726	420966	70.7	9.058	5951			504.5	320.4	131.3	1.3	744
Wet Bulb	24357028	378722	63.7	6.445	5949			268.3	51.2			744
Dew Point	21096160	351514	59.1	7.402	5949			120.3	5.5			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | AUG MONTH

 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
82/ 81						.1												1	1		
80/ 79			.3		.1	.3												5	5		
78/ 77			.5		.5													6	8		
76/ 75		.3	.3	1.3	.3	.3												18	18	3	
74/ 73		.7	2.8	.7	.4	.1	.3											37	37	5	7
72/ 71		2.7	3.2	1.9	.7													63	63	20	5
70/ 69		3.5	2.0	1.1	.8	.1												56	56	66	31
68/ 67		4.3	3.4	.8	.5	.1												68	68	63	67
66/ 65	.1	6.5	1.7	1.9	.4		.1											80	80	64	61
64/ 63	.1	5.9	1.3	1.5	.9	.1												74	74	82	57
62/ 61	.1	7.3	2.7	.7	.4													83	83	80	86
60/ 59	.1	3.1	2.4	.5														46	46	77	70
58/ 57	.8	4.4	1.6	.7														56	56	69	69
56/ 55	.5	3.6	2.3	.4														51	51	53	68
54/ 53	.3	2.2	2.4	.4														39	39	51	56
52/ 51	.3	2.3	1.1	.1														28	28	47	52
50/ 49		1.1	.4	.1														12	12	28	39
48/ 47		1.2																9	9	15	30
46/ 45		.9																7	7	13	26
44/ 43																				5	12
42/ 41																					2
40/ 39		.3																2	2	2	2
38/ 37	.1																	1	1	1	4
TOTAL	2.6	50.1	28.5	12.1	5.1	1.2	.4											744	744		744
																				744	

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.	5384975	62889	84.5	9.642	744							
Dry Bulb	3307498	46990	63.2	7.307	744			32.0	8.6	.4		93
Wet Bulb	2739343	44859	60.3	6.824	744			19.6	1.0			93
Dew Point	2569636	43398	58.3	7.171	744			13.8	.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.1		.3												3	3		
78/ 77			.4		.1													4	4		
76/ 75			.4	.7	.4	.1												12	12	1	
74/ 73		.1	1.5	1.1														20	20	3	1
72/ 71		2.8	2.3	1.3	.1													49	49	6	5
70/ 69		3.2	2.4	1.9	.3	.4												61	61	54	25
68/ 67	.4	4.0	1.6	1.7	.1													59	59	70	56
66/ 65	.4	6.7	2.3	1.6														82	82	50	62
64/ 63	.4	6.0	.7	.8	.4													62	62	86	68
62/ 61		7.7	2.0	.5	.3													78	78	33	63
60/ 59	.1	6.2	1.5	.3	.5													64	64	63	80
58/ 57	.4	4.6	.9	.1	.1													46	46	76	61
56/ 55	.7	4.3	1.6	.7														54	54	52	79
54/ 53	.8	3.8	1.5	.1														46	46	44	54
52/ 51	.3	2.4	.8															26	26	44	38
50/ 49	.1	3.5	.1	.1														29	29	41	47
48/ 47	.3	3.1		.3														27	27	28	31
46/ 45		1.3																10	10	22	34
44/ 43		1.1																8	8	12	17
42/ 41		.1																1	1	6	12
39/ 37	.1																	1	1	1	3
36/ 35	.3																	2	2	2	3
TOTAL	4.3	61.0	20.0	11.4	2.4	.8												744	744	744	744

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.	5691291	64727	87.0	8.996	744							
Dry Bulb	2348219	45669	61.4	7.775	744			26.0	4.9			93
Wet Bulb	2626851	43893	59.0	7.277	744			16.8	.5			93
Dew Point	2494373	42721	57.4	7.456	744			10.9	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
AUG — MONTH

0600-0900 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poin
84/ 83			.1															1	1		
82/ 81			.1	.1														2	2		
80/ 79				.4		.1												4	4	1	
78/ 77			.5	.3	.4	.1												10	10	1	1
76/ 75		.3	1.3	.4	.7													20	20	2	1
74/ 73		.8	1.9	2.0	.4	.1												39	39	10	6
72/ 71	.1	3.4	3.8	1.5	.5	.3												71	71	31	9
70/ 69	.5	3.6	3.4	2.0	.4	.3												76	76	68	52
68/ 67	.1	4.2	3.1	2.4	.1													74	74	66	51
66/ 65	.4	5.5	2.6	.9	.1													71	71	76	75
64/ 63	.4	5.9	2.4	1.5	.1	.1												78	78	91	65
62/ 61	.1	5.1	2.3	.8	.3													64	64	85	77
60/ 59	.4	6.0	1.5	.9	.3	.1												69	69	72	81
58/ 57	.4	3.2	1.7	.5	.1													45	45	65	69
56/ 55	.3	4.1	1.3	.5														46	46	53	73
54/ 53	.5	2.2	.9															27	27	52	46
52/ 51	.1	1.6																13	13	29	48
50/ 49	.1	1.6	.1															14	14	21	32
48/ 47	.1	1.1		.4														12	12	15	23
46/ 45	.1	.4																4	4	8	21
44/ 43		.3																2	2	4	7
42/ 41	.1																	1	1	3	2
40/ 39																					1
38/ 37	.1																	1	1	1	2
36/ 35																					1
TOTAL	4.2	49.2	27.2	14.8	3.5	1.2													744		744
																		744		744	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5429289	63167	84.9	9.201	744							
Dry Bulb	3683367	47593	64.0	7.234	744			37.1	9.5	.5		9
Wet Bulb	2816259	45497	61.2	6.768	744			22.4	1.9			9
Dew Point	2651229	44130	59.3	7.078	744			15.0	1.0			9

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

[illegible] CLIMATOLOGY BRANCH
AFCTAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
AUG — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 93									.1									1	1		
3/ 89							.4											3	3		
8/ 87						.1	.1											2	2		
6/ 85					.4	.5												7	7		
4/ 83				.1	.7	.3	.4	.3										13	13		
2/ 81				.4	.9	1.3	.9	.1										27	27		
1/ 79			.3	.9	1.3	2.4	.8	.4	.3	.1								49	49		
0/ 77			.8	1.5	2.4	2.2	.9											58	58	15	
6/ 75		.5	3.2	1.9	1.9	3.1	.7	.7	.1									90	90	13	3
4/ 73		2.7	2.6	2.6	2.2	2.6	.4	.1	.1									94	94	41	18
2/ 71		1.2	2.6	1.5	3.0	1.5	.7		.1									78	78	80	54
1/ 69	.1	1.3	2.4	2.2	2.7	.9	.4	.1	.1									77	77	89	53
0/ 67		.8	2.2	1.5	1.7	1.1	.1	.1										56	56	79	63
8/ 65	.1	1.7	1.9	1.9	1.2	.3	.1	.1										55	55	91	68
4/ 63	.1	1.5	.9	.8	2.3	.1		.1										44	44	90	67
2/ 61		1.1	2.0	1.1	.4	.5	.1											39	39	66	73
1/ 59		1.6	.9	.7	.3													25	25	57	61
0/ 57		.7	.3															7	7	53	74
9/ 55		.9	.5	.1														12	12	33	51
4/ 53		.3	.3															4	4	22	42
2/ 51																				7	36
1/ 49				.4														3	3	5	26
0/ 47																					15
8/ 45																				1	6
4/ 43																				2	6
2/ 41																					1
1/ 39																					4
0/ 37																					2
9/ 35																					1
TAL	.4	14.4	20.2	17.5	21.2	16.9	6.2	2.2	.9	.1									744		744
																		744		744	

lement (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
st. Hum.	3931582	53142	71.4	13.519	744							
ry Bulb	3804751	52955	71.2	6.924	744			69.4	43.8	10.3	.1	93
et Bulb	3167438	48332	65.0	6.103	744			39.6	8.6			93
ew Point	2813349	45439	61.0	7.233	744			23.9	2.6			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97											.1	.1						2	2		
96/ 95										.3	.1							3	3		
94/ 91								.3	.1									3	3		
90/ 89					.1		.5	.3	.1									8	8		
88/ 87				.1	.1	.4	.7	.3	.3	.3								16	16		
86/ 85					.1	1.1	1.2	1.2	.4	.4								33	33		
84/ 83				.1	.4	1.5	1.6	1.6	.7	.8								50	50		
82/ 81				.5	.8	2.0	3.5	1.7	.5	.4								71	71	3	
80/ 79			.1	1.1	1.9	3.0	3.2	3.1	.9		.5							103	103	3	1
78/ 77			.7	1.9	1.6	1.3	1.9	1.1	1.2	.1	.1							74	74	21	2
76/ 75		.1	1.6	1.1	1.5	2.7	2.3	2.0	.8	.3								92	92	18	4
74/ 73		.5	1.2	1.2	.5	1.2	.9	1.9	.1	.4	.1							61	61	62	15
72/ 71		.8	.5	.8	2.2	.9	2.0	.5	.3	.1								61	61	98	43
70/ 69		.1	.7	.8	1.2	.8	.9											34	34	102	55
68/ 67		.1	.8	.3	1.2	.9	1.1	.5	.3									39	39	69	52
66/ 65		.7		.3	.5	1.7	.3	.1										27	27	94	61
64/ 63		.9	.5	.7	.7	.4												24	24	74	76
62/ 61		.9	.5		.4	.4												17	17	66	58
60/ 59		1.1	.4	.1		.1												13	13	53	70
58/ 57		.4																3	3	45	74
56/ 55		.8	.1															7	7	33	50
54/ 53																				16	45
52/ 51				.3														2	2	4	37
50/ 49				.1														1	1		39
48/ 47																				1	21
46/ 45																				2	15
44/ 43																					9
42/ 41																					7
40/ 39																					5
38/ 37																					2
TOTAL		6.6	7.3	9.4	13.3	18.5	20.2	14.7	5.8	3.1	1.1	.1						744	744		744
																		744		744	

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.	2848459	44667	60.0	14.984	744							
Dry Bulb	4290761	56229	75.6	7.443	744			51.3	64.5	30.4	.6	93
Wet Bulb	3269447	49103	66.0	6.217	744			45.8	13.4	.4		93
Dew Point	2723447	44623	60.0	7.961	744			21.5	2.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97										.3		.3						4	4		
96/ 95										.1	.1							2	2		
92/ 91								.1	.3									3	3		
90/ 89						.3		.4		.1		.1						7	7		
88/ 87						1.1	.5		.5		.3							18	18		
86/ 85					.3	.9	1.7	.8	1.7	.3	.4							46	46		
84/ 83					.7	.8	1.5	1.3	.8	.8	.4							47	47		
82/ 81				.4	1.1	1.1	2.0	3.0	.8			.1	.1					64	64		
80/ 79			.1	.5	2.4	1.9	2.7	2.3	.9	1.1	.7	.3						96	96	5	
78/ 77			.8	.8	1.9	1.3	1.7	1.7	1.1	.3	.1							73	73	12	
76/ 75		.3	1.3	1.2	2.2	2.6	1.9	1.7	.9	.4	.1							94	94	31	5
74/ 73		.3	.8	1.2	1.2	2.3	2.3	1.3	.3	.3								74	74	52	8
72/ 71		.3	1.5	.7	1.2	.7	1.6	.5	.7	.1								54	54	71	53
70/ 69		.8	1.2	.4	.7	.9	1.3	.4	.5									47	47	100	36
68/ 67		.9		.4	.8	1.2	.4	.7	.1									34	34	91	60
66/ 65		1.1	.7		.7	1.3												28	28	91	50
64/ 63		.5	.1	.3	.4	.9												17	17	75	78
62/ 61		1.6	.4	.5	.4													22	22	65	69
60/ 59		.3																2	2	60	72
58/ 57		.8	.4			.1												10	10	39	51
56/ 55				.1	.1													2	2	31	65
54/ 53																				18	35
52/ 51																					56
50/ 49																				2	34
48/ 47																				1	26
46/ 45																					19
44/ 43																					7
42/ 41																					5
40/ 39																					13
38/ 37																					3
TOTAL		6.9	7.4	6.6	14.0	17.5	17.7	14.4	8.7	3.8	2.2	.8	.1					744	744	744	744

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2743136	43628	58.6	15.771	744
Dry Bulb	4321536	56454	75.9	7.138	744
Wet Bulb	3253419	49003	65.9	5.901	744
Dew Point	2678453	44237	59.5	8.054	744

Mean No. of Hours with Temperature						
	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			82.9	66.0	30.8	.8	9
Wet Bulb			45.3	12.5	.1		9
Dew Point			20.3	1.6			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
AUG — MONTH

1600-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
94/ 93									.3										2	2		
88/ 87						.3													2	2		
86/ 85					.3	.1	.1	.1		.1									6	6		
84/ 83				.1	.3	.5	.4	.3	.1										17	17		
82/ 81				.7	.4	1.2	.8	.4	.3										28	28		
80/ 79			.4	.7	1.6	1.2	.7	.9	.1										42	42		
78/ 77			1.1	1.9	2.4	1.1	1.6	.4	.4		.1								67	67	8	
76/ 75			2.2	1.9	2.7	1.2	1.3	.4	.1	.3									75	75	18	4
74/ 73		.5	1.9	3.2	1.7	1.5	1.6	.3	.1										81	81	34	12
72/ 71		.9	1.6	2.4	1.7	2.0	.9	.4	.3	.1									77	77	60	31
70/ 69		1.7	3.5	2.0	2.2	2.3	.3	.4	.3										98	98	81	47
68/ 67		1.2	2.3	2.0	3.0	1.3	.4	.3											78	78	76	58
66/ 65		1.9	.5	1.6	1.5	.9	.3												50	50	100	68
64/ 63		1.2	.9	1.1	.9	.9	.3												40	40	81	83
62/ 61		.5	.4	.5	1.3		.1												22	22	80	62
60/ 59		.8	1.1	1.6	.5	.1													31	31	63	64
58/ 57		.5	1.2	.4															16	16	48	63
56/ 55		.1	.7		.1														7	7	42	54
54/ 53		.1	.1	.1	.3														5	5	38	55
52/ 51																					10	49
50/ 49																					2	29
48/ 47																					1	25
46/ 45																					2	19
44/ 43																						8
42/ 41																						6
40/ 39																						6
38/ 37																						1
TOTAL		9.7	17.9	20.3	21.5	14.8	9.3	3.9	2.0	.5	.1								744	744		744
																			744		744	

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.	3626330	50892	68.4	13.977	744							
Dry Bulb	3795559	52907	71.1	6.691	744			71.6	40.0	9.1	.3	93
Wet Bulb	3095637	47777	64.2	6.092	744			34.6	7.5			93
Dew Point	2691679	44389	59.7	7.635	744			19.0	2.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
82/ 81				.1	.1	.1												3	3		
80/ 79			.5		.5	.1												9	9		
78/ 77			.7	.3	.8		.1											14	14		
76/ 75		.1	1.3	1.9	.5	.1	.3											32	32	9	
74/ 73		.7	4.0	2.3	1.1	.4	.3											65	65	9	9
72/ 71		1.5	3.9	1.2	1.5	.1	.1	.1										63	63	28	11
70/ 69	.1	3.4	4.6	1.6	.3	.8	.5											84	84	75	31
68/ 67		2.8	6.0	.9	1.3	1.1												91	91	73	65
66/ 65		5.6	3.2	1.3	1.3	.4	.1											90	90	80	61
64/ 63		3.5	2.4	2.4	.3	.1												65	65	99	78
62/ 61		1.9	2.3	1.3	.8													47	47	65	73
60/ 59	.4	1.7	2.6	1.2	.3													46	46	67	66
58/ 57	.4	3.0	3.1	1.9	.3													64	64	78	55
56/ 55		2.3	1.5	.8	.1													35	35	48	58
54/ 53		1.6	.7	.1														18	18	51	55
52/ 51	.1	.4	.7	.1														10	10	33	57
50/ 49		.5		.1														5	5	15	40
48/ 47	.1	.1	.1															3	3	10	31
46/ 45																				3	16
44/ 43																				1	5
42/ 41																					3
40/ 39																					4
TOTAL	1.2	29.2	37.6	17.7	9.3	3.4	1.5	.1										744	744	744	744

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.	4633213	59429	79.9	10.768	744			45.1	15.4	1.3		93
Dry Bulb	3243331	48873	65.7	6.653	744			24.3	2.3			93
Wet Bulb	2869500	45964	61.8	6.340	744			17.0	1.1			93
Dew Point	2639400	43998	59.1	7.103	744							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97										.0	.0	.1						6	6		
96/ 95										.1	.0							5	5		
94/ 93									.1									3	3		
92/ 91								.1	.1									6	6		
90/ 89					.0	.0	.1	.1	.0	.0		.0						18	18		
88/ 87				.0	.0	.2	.2	.0	.1	.0	.0							38	38		
86/ 85					.1	.3	.4	.3	.3	.1	.1							92	92		
84/ 83			.0	.1	.3	.4	.5	.4	.2	.2	.1							128	128		
82/ 81			.0	.3	.4	.7	.9	.7	.2	.1		.0	.0					196	196	3	
80/ 79			.2	.5	1.0	1.2	.9	.8	.3	.2	.2	.0						311	311	9	1
78/ 77			.7	.8	1.3	.8	.8	.4	.3	.1	.1							308	308	57	3
76/ 75		.2	1.5	1.3	1.3	1.3	.8	.6	.3	.1	.0							433	433	95	17
74/ 73		.8	2.0	1.8	.9	1.0	.7	.5	.1	.1	.0							471	471	216	76
72/ 71	.0	1.7	2.4	1.4	1.4	.7	.7	.2	.2	.1								516	516	384	211
70/ 69	.1	2.2	2.5	1.5	1.1	.8	.5	.1	.1									533	533	635	335
68/ 67	.1	2.3	2.4	1.3	1.1	.7	.3	.2	.1									499	499	587	492
66/ 65	.1	3.7	1.6	1.2	.7	.6	.1	.0										483	483	636	506
64/ 63	.1	3.2	1.2	1.1	.8	.4	.0	.0										404	404	668	575
62/ 61	.0	3.3	1.6	.7	.5	.1	.0											372	372	590	561
60/ 59	.1	2.6	1.3	.7	.2	.1												296	296	512	584
58/ 57	.3	2.2	1.2	.5	.1	.0												247	247	473	519
56/ 55	.2	2.0	1.0	.3	.1													214	214	345	495
54/ 53	.2	1.3	.7	.1	.0													139	139	292	391
52/ 51	.1	.8	.3	.1														79	79	174	373
50/ 49	.0	.8	.1	.1														64	64	114	286
48/ 47	.1	.7	.0	.1														51	51	71	202
46/ 45	.0	.3																21	21	51	157
44/ 43		.2																10	10	24	71
42/ 41	.0	.0																2	2	9	41
40/ 39		.0																2	2	2	38
38/ 37	.1																	3	3	3	18
36/ 35	.0																	2	2	2	5
TOTAL	1.6	28.4	20.7	13.7	11.3	9.3	6.9	4.4	2.2	.9	.4	.1	.0					5952	5952	5952	5952

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	34438265	442561	74.4	16.303	5952							
Dry Bulb	28395022	407670	68.5	8.911	5952			445.4	251.9	82.6	1.8	744
Wet Bulb	23639894	374428	62.9	6.925	5952			248.3	47.5	.5		744
Dew Point	21258557	352675	59.3	7.533	5952			141.3	12.1			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | SEP MONTH

PAGE 1 0300-0900 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77			.1															1	1		
76/ 75		.3	.6															6	6	1	
74/ 73		.1		.3														3	3	3	2
72/ 71	.1	.7	1.1	.1														15	15	7	7
70/ 69	.6	.7	.8	1.3														22	22	10	9
68/ 67	.4	.6	1.5	.4	.1													22	22	21	17
66/ 65	.1	2.1	1.7	1.1	.4	.3												36	36	14	12
64/ 63	.3	2.5	.3	1.3	.3	.3												35	35	34	22
62/ 61	.1	2.2	.4	.8	.1													27	27	32	36
60/ 59	.1	3.1	1.8	1.5	.8													53	53	35	26
58/ 57	.4	2.5	2.4	.8	1.1	.1												53	53	39	32
56/ 55	.6	4.0	2.6	1.1														60	60	55	45
54/ 53	1.3	4.2	2.5	2.8														77	77	61	54
52/ 51	.7	6.0	.8	.8	.1													61	61	71	57
50/ 49	.7	6.1	1.9	.6	.6													71	71	79	73
48/ 47	.1	6.0	.6	.4														51	51	65	77
46/ 45	.6	2.1	.3	.1														22	22	62	60
44/ 43	.4	2.2	1.3	.1														29	29	27	48
42/ 41	.6	2.5	.4	.1														26	26	30	46
40/ 39	1.1	1.0	.3															17	17	29	31
38/ 37	.6	1.1	.1															12	12	18	26
36/ 35	.3	1.3	.1															12	12	8	18
34/ 33		.6																4	4	11	11
32/ 31		.7																5	5	4	16
30/ 29																				4	9
28/ 27																					1
TOTAL	9.0	52.2	21.0	13.5	3.6	.7													720		720
																		720		720	

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.	5251970	60966	84.7	11.168	720							
Dry Bulb	2173115	39017	54.2	9.041	720		.6	8.6	1.7			9
Wet Bulb	1976267	37207	51.7	8.630	720		1.0	5.3	.5			9
Dew Point	1824950	35644	49.5	9.163	720		3.3	3.8	.3			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
SEP — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.3															2	2		
74/ 73		.1	.4	.3														6	6		
72/ 71		.6	.1															5	5	5	2
70/ 69	1.0	1.7	.7	.3	.1													27	27	15	12
68/ 67	.1	.6	1.5	.1														17	17	16	15
66/ 65	.1	1.3	1.0	.4														20	20	12	14
64/ 63		2.9	.4	1.1	.4													35	35	30	15
62/ 61	.1	2.2	.6	.7		.1												27	27	20	17
60/ 59	.1	4.2	1.1	1.5	.7													55	55	30	24
58/ 57	.3	1.9	1.5	.7	.7													37	37	39	23
56/ 55	.1	3.9	1.7	1.0	.1													49	49	42	37
54/ 53	1.0	6.4	2.8	1.8	.1													87	87	60	46
52/ 51	1.3	6.4	2.1		.4													73	73	75	57
50/ 49	.7	4.6	1.3	.4	.3													52	52	91	60
48/ 47	.4	4.7	1.4	.7														52	52	57	72
46/ 45	1.0	3.8	.7															39	39	51	62
44/ 43	.6	2.5	.7															27	27	43	59
42/ 41	1.1	2.2	.4															27	27	31	33
40/ 39	1.5	2.1	.8															32	32	42	34
38/ 37	.8	1.3																15	15	16	26
36/ 35	.7	1.1																13	13	16	22
34/ 33	.4	.7																8	8	9	22
32/ 31	.3	1.4																12	12	7	13
30/ 29	.1	.3																3	3	11	5
28/ 27																					5
26/ 25																					2
TOTAL	11.8	56.7	19.4	9.0	2.9	.1												720	720		720
																				720	

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.	5451995	62199	86.4	10.467	720							
Dry Bulb	2051832	37848	52.6	9.308	720		1.9	7.1	1.0			9
Wet Bulb	1685404	36286	50.4	8.880	720		2.3	4.5				6
Dew Point	1754124	34908	48.5	9.261	720		3.5	3.6				7

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75		.1																1	1		
74/ 73		.7	.4															8	8	1	1
72/ 71		.7	.6															9	9	7	3
70/ 69	.6	1.1	1.5	.1														24	24	14	13
68/ 67	.1	1.5	1.1	.1	.1													22	22	18	18
66/ 65		.8	1.3	.3														17	17	16	11
64/ 63		3.1	1.0	.7	.1													35	35	27	19
62/ 61	.1	2.5	1.5	.7	.4													38	38	20	30
60/ 59	.1	2.8	2.1	1.5	.1													48	48	39	23
58/ 57	.1	3.2	2.8	.7														49	49	31	26
56/ 55	.4	4.6	3.1	.8	.1													65	65	59	36
54/ 53	.4	6.5	3.2	2.1	.1													89	89	66	59
52/ 51	1.3	6.5	2.1	.6	.6													79	79	83	76
50/ 49	1.0	4.7	1.3	.1	.3													53	53	95	76
48/ 47	.3	4.2	1.4	.7														47	47	58	75
46/ 45	.1	2.9	.6															26	26	39	62
44/ 43	.7	2.6	.6															26	28	37	46
42/ 41	.3	2.6	1.0															28	28	33	27
40/ 39	.7	1.5	.4															19	19	33	32
38/ 37	1.1	.8	.3															16	16	14	30
36/ 35	.4	.3																5	5	12	24
34/ 33	.6																	4	4	6	16
32/ 31	.1	1.0																8	8	3	5
30/ 29	.3																	2	2	7	7
28/ 27																					4
26/ 25																					1
TOTAL	5.8	54.9	26.0	8.5	1.9													720	720		720
																		720		720	

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.	5406537	61989	86.1	9.635	720							
Dry Bulb	2129990	38646	53.7	8.799	720		1.3	8.0	1.1			90
Wet Bulb	1956154	37026	51.4	8.512	720		1.3	5.0	.1			90
Dew Point	1823212	35650	49.5	8.985	720		2.1	4.4	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85						.1												1	1		
84/ 83				.1	.1													2	2		
82/ 81			.1	.1	.1													3	3		
80/ 79			.4	.6														7	7		
78/ 77		.1	.3	.4														6	6	5	
76/ 75			.6	.7	.1													10	10	4	2
74/ 73		.4	.8	1.4	.1	.1	.1											22	22	11	8
72/ 71		.1	1.3	1.3	.6	.3	.4											26	26	10	11
70/ 69		.8	1.9	.4	1.3	.4	.1											36	36	11	9
68/ 67		.8	1.3	.7	1.5	.6	.1	.1										37	37	29	13
66/ 65		1.7	1.9	2.4	1.4	.8	.4											62	62	29	21
64/ 63		1.1	1.7	1.5	1.3	1.3	.3											51	51	28	40
62/ 61		1.7	2.6	2.5	1.5	.4	.3											65	65	44	13
60/ 59		2.9	2.2	3.5	1.4	.3												74	74	57	34
58/ 57	.1	2.1	2.6	1.8	.8	.4												57	57	66	36
56/ 55	.4	2.5	3.1	2.5	1.4	.4												74	74	80	77
54/ 53	.1	2.9	3.1	1.8	.8	.3												65	65	91	55
52/ 51	.7	1.8	3.8	.4	.6													52	52	64	77
50/ 49	.3	1.4	1.1	1.3	.6													31	31	74	63
48/ 47		.8	.4	.4														12	12	49	69
46/ 45	.1	1.0	.6	.1	.3													15	15	27	62
44/ 43		.3	.4	.1														6	6	17	40
42/ 41		.3	.1	.4														6	6	15	28
40/ 39																				3	21
38/ 37																				5	18
36/ 35																				1	7
34/ 33																					8
32/ 31																					3
30/ 29																					5
TOTAL	1.8	22.8	30.3	23.9	13.9	5.4	1.8	.1											720		720
																		720		720	

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.	4190055	54131	75.2	12.939	720							
Dry Bulb	2649402	43296	60.1	7.987	720			18.8	6.4	1.1		90
Wet Bulb	2270323	40057	55.6	7.621	720			8.8	2.5			90
Dew Point	1995825	37375	51.9	8.802	720		1.0	5.4	1.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.3											2	2		
88/ 87						.3	.1											3	3		
86/ 85						.6												4	4		
84/ 83				.1		.3	.1											4	4		
82/ 81					1.4	.4		.1										14	14		
80/ 79				.3	.4	.8	.1	.1										13	13	1	
78/ 77				.3	.4	.7	.7		.1									16	16	7	
76/ 75			.1	.7	.8	.8	.6	.6	.3									28	28	5	1
74/ 73		.1	.6	1.1	.6	1.1	1.0	.6	.1									37	37	12	6
72/ 71			1.0	.4	1.1	1.0	1.4	.6	.1									40	40	15	12
70/ 69			1.3	.7	1.4	1.7	1.0	.4	.1									47	47	19	10
68/ 67	.3	.8	1.0	.6	1.4	1.7	2.1	.4										59	59	30	21
66/ 65		.7	.6	1.4	1.1	2.4	1.3	.8										59	59	33	28
64/ 63		.4	1.7	1.8	2.5	1.4	1.0	.3										65	65	38	17
62/ 61		.7	2.1	1.9	1.9	2.5	.7											71	71	53	26
60/ 59	.1	1.5	1.3	1.8	1.4	2.1	.1											60	60	65	28
58/ 57	.3	1.5	1.0	1.4	1.9	.8	.7											55	55	74	39
56/ 55		.8	1.3	1.8	1.8	1.0	.1											49	49	87	66
54/ 53	.3	1.8	1.1	1.7	1.1	.8												49	49	65	61
52/ 51	.7	.7	.6	.3		.7												21	21	80	64
50/ 49	.3	.1	.3	.3	.3	.3												11	11	61	63
48/ 47		.1	.1	.6	.3													8	8	30	45
46/ 45		.1	.1	.3														4	4	20	52
44/ 43			.1															1	1	11	49
42/ 41																				10	45
40/ 39																				4	30
38/ 37																					16
36/ 35																					11
34/ 33																					12
32/ 31																					11
30/ 29																					5
28/ 27																					2
TOTAL	1.9	9.6	14.0	17.4	19.9	21.3	11.3	3.9	.8									720	720	720	720

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3168602	46472	64.5	15.335	720
Dry Bulb	3006877	46137	64.1	8.377	720
Wet Bulb	2384233	41071	57.0	7.590	720
Dew Point	1951802	36868	51.2	9.431	720

Mean No. of Hours with Temperature						
	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			33.4	15.1	4.1		90
Wet Bulb			11.1	3.1			90
Dew Point		2.3	6.3	.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.1											1	1		
88/ 87						.3	.3											4	4		
86/ 85				.3	.1													3	3		
84/ 83				.1	.1	.4												5	5		
82/ 81				.3	.6	.4			.1									10	10	1	
80/ 79				.3	1.3	.7	.4	.3										21	21	2	1
78/ 77				.1	.6	.4	.8	.1	.1	.3								18	18	6	
76/ 75				.8	.7	.7	1.4	.4	.1									30	30	6	3
74/ 73		.1	.6	1.1	.6	1.5	.7	.6	.3									39	39	8	5
72/ 71			.6	.6	1.1	1.5	.7	.6	.1									37	37	15	10
70/ 69			.7	.8	.6	1.0	1.3	1.1	.1									40	40	23	6
68/ 67		.3	1.1	1.1	2.1	1.7	2.2	.7	.1									67	67	22	26
66/ 65		1.0	1.0	1.1	1.8	1.7	1.9	.4	.6									68	68	34	13
64/ 63	.1	1.3	.1	1.5	1.5	2.1	1.8	.3										63	63	48	25
62/ 61		1.4	.8	1.3	2.4	2.4	1.1											67	67	55	35
60/ 59		1.4	1.7	.4	.8	1.8	.4											47	47	52	31
58/ 57	.3	.8	1.4	1.5	2.2	.7	.6											54	54	81	45
56/ 55	.3	1.1	.7	1.0	1.8	1.7	.4											50	50	66	41
54/ 53	.3	1.9	1.1	1.1	.8	.8	.3											46	46	80	59
52/ 51	.3	2.1	1.1		.8	.3												33	33	79	67
50/ 49		.1	.4	.1	.7													10	10	57	53
48/ 47		.1		.1														2	2	42	60
46/ 45				.4	.3													5	5	15	49
44/ 43																				17	48
42/ 41																				6	45
40/ 39																				5	27
38/ 37																					15
36/ 35																					16
34/ 33																					18
32/ 31																					14
30/ 29																					7
28/ 27																					1
TOTAL	1.3	11.7	11.3	14.2	20.8	20.0	14.4	4.4	1.7	.3								720	720	720	720

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.	3086106	45656	63.4	16.299	720							
Dry Bulb	3028735	46303	64.3	8.422	720			34.4	16.4	4.0		90
Wet Bulb	2377588	41008	57.0	7.639	720			10.4	2.9	.1		90
Dew Point	1928734	36602	50.8	9.727	720		2.8	6.4	1.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85						.1												1	1			
84/ 83			.1	.1														2	2			
82/ 81		.3		.3	.1													5	5			
80/ 79			.1	.1	.3													4	4	3	3	
78/ 77		.3	.3	.4	.1	.1												9	9	2		
76/ 75		.1	.3	.7	.3	.1												11	11	6	3	
74/ 73			.3	.6	.6	.1		.3										13	13	7	4	
72/ 71		.3	.4	1.0	.3	.3	.6											20	20	6	7	
70/ 69		.4	1.7	1.0	.6	.6	.4	.1										34	34	13	3	
68/ 67		.7	2.5	1.1	1.4	.6	.3											47	47	9	16	
66/ 65		1.9	1.4	1.5	1.7	.1	.1	.1										50	50	38	6	
64/ 63	.4	2.5	.6	1.9	1.7	.3												53	53	40	33	
62/ 61		1.8	1.9	2.1	2.4	.4	.6	.1										67	67	55	44	
60/ 59		1.9	2.4	2.8	2.4	1.0	.3											77	77	47	35	
58/ 57	.1	2.2	1.1	1.4	2.8	.4												58	58	61	25	
56/ 55	.3	1.7	2.8	1.9	2.1													63	63	66	64	
54/ 53	.2	2.2	2.1	2.4	1.0													61	61	67	58	
52/ 51	.1	3.8	2.6	1.3	.7	.3												63	63	73	55	
50/ 49		1.0	1.1	.3	.4													20	20	83	63	
48/ 47		1.5	1.0	1.3	.8													33	33	56	67	
46/ 45		.7	.6	.6	.1													14	14	29	41	
44/ 43		.4	.6	.4														10	10	16	50	
42/ 41			.4	.1														4	4	24	49	
40/ 39		.1																1	1	11	31	
38/ 37																				8	13	
36/ 35																					17	
34/ 33																					12	
32/ 31																					15	
30/ 29																					4	
TOTAL	1.8	23.9	24.2	23.2	19.6	4.4	2.2	.7											720		720	
																		720		720		

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.	4050860	53084	73.7	13.808	720							
Dry Bulb	2606027	42921	59.6	8.119	720			18.3	5.6	1.1		90
Wet Bulb	2216968	39546	54.9	7.903	720			5.8	2.3	.4		90
Dew Point	1923138	36598	50.8	9.349	720		2.4	4.5	1.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
SEP — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
78/ 77		.1	.6	.1														6	6		
76/ 75		.6	.3	.1														7	7	6	1
74/ 73		.6	.3	.5	.1													11	11	8	6
72/ 71			.7	.6	.3													11	11	4	9
70/ 69		1.0	.4	.6	.3													16	16	8	1
68/ 67		.7	1.5	.1	.1	.3												28	28	15	12
66/ 65	.1	3.1	1.4	1.4	.7	.3												50	50	17	12
64/ 63	.7	2.5	1.5	1.0	.6													45	45	44	23
62/ 61		2.6	1.9	1.3	.4													45	45	36	41
60/ 59		3.2	3.3	1.1	.8	.7												66	66	39	52
58/ 57	.6	2.8	1.5	1.1	1.0	.4												53	53	66	55
56/ 55	.6	3.1	2.8	1.4	1.1													64	64	54	47
54/ 53	.1	4.4	1.8	1.8		.1												60	60	52	53
52/ 51	.7	6.1	3.6	1.3		.1												85	85	70	72
50/ 49	.3	4.4	1.0	.4	.3													46	46	89	63
48/ 47	.3	4.0	1.3	.1	.1													42	42	71	65
46/ 45	.1	1.5	.6	.6														20	20	40	56
44/ 43		2.6	1.1	1.0														34	34	26	36
42/ 41	.3	1.5	.6	.1														18	18	26	56
40/ 39		1.1	.3															10	10	24	33
38/ 37	.3	.4	.3															7	7	16	17
36/ 35		.6																4	4	8	15
34/ 33																				3	9
32/ 31																					16
30/ 29																					6
28/ 27																					1
TOTAL	4.0	46.9	26.7	14.6	5.8	1.9												720	720	720	720

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.	4905326	58820	81.7	11.797	720							
Dry Bulb	2305611	40285	56.0	8.472	720			8.9	3.0			9
Wet Bulb	2764626	38100	52.9	8.213	720			4.9	1.8			9
Dew Point	1367263	36169	50.2	9.083	720		2.9	3.6	.9			9

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

NAL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

742 — STATION
BURLINGTON INTL VT — STATION NAME
73-8[illegible] — YEARS
SEP — MONTH

PAGE 1

ALL — HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 89							.1											3	3		
8/ 87						.1	.1											7	7		
6/ 85				.0	.0	.1												9	9		
4/ 83			.0	.1	.0	.1	.0											13	13		
2/ 81		.0	.0	.1	.3	.1		.0	.0									32	32	1	
/ 79			.1	.2	.2	.2	.1	.1										45	45	6	4
/ 77		.1	.2	.2	.1	.2	.2	.3	.0	.0								56	56	20	
6/ 75		.1	.3	.4	.2	.2	.2	.1	.1									95	95	28	1[illegible]
4/ 73		.3	.4	.7	.2	.4	.2	.2	.1									139	139	50	3[illegible]
2/ 71	.0	.3	.7	.5	.4	.4	.4	.1	.0									163	163	67	61
/ 69	.3	.7	1.1	.6	.5	.5	.3	.2	.0									246	246	113	62
/ 67	.1	.7	1.4	.5	.9	.6	.6	.2	.0									291	291	160	134
0/ 65	.1	1.6	1.2	1.2	.9	.7	.5	.2	.1									362	362	195	119
4/ 63	.2	2.0	.9	1.4	1.0	.7	.4	.1										382	382	289	194
2/ 61	.1	1.9	1.5	1.4	1.1	.7	.3	.0										407	407	315	2[illegible]
/ 59	.1	2.6	2.3	1.8	1.1	.7	.1											480	480	364	23[illegible]
/ 57	.3	2.1	1.8	1.2	1.3	.4	.2											416	416	457	2[illegible]
0/ 55	.3	2.7	2.2	1.4	1.1	.4	.1											474	474	509	4[illegible]
4/ 53	.5	3.8	2.2	1.9	.5	.3	.0											534	534	542	445
2/ 51	.7	4.2	2.1	.6	.4	.2												467	467	595	525
/ 49	.4	2.8	1.0	.4	.4	.0												294	294	629	534
/ 47	.1	2.7	.8	.5	.2													247	247	428	53[illegible]
0/ 45	.2	1.5	.4	.3	.1													145	145	283	444
4/ 43	.2	1.3	.6	.2														135	135	194	376
2/ 41	.3	1.1	.4	.1														109	109	175	329
/ 39	.4	.7	.2															79	79	151	239
7/ 37	.3	.4	.1															50	50	79	171
5/ 35	.2	.4	.0															34	34	45	13[illegible]
4/ 33	.1	.2																16	16	29	10[illegible]
2/ 31	.1	.4																25	25	14	93
9/ 29	.1	.0																5	5	22	4[illegible]
/ 27																					17
5/ 25																					3

lement (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
el. Hum.												
ry Bulb												
et Bulb												
ew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.1	34.8	21.6	15.5	11.1	6.7	3.7	1.1	.3	.0								5760	5760	5760	5760

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.	35511451	443317	77.0	15.545	5760							
Dry Bulb	19951589	334453	58.1	9.608	5760		3.7	137.4	49.9	10.4		720
Wet Bulb	17131563	310301	53.9	8.498	5760		4.5	55.6	13.1	.5		720
Dew Point	15_78048	289814	50.3	9.281	5760		20.1	37.9	5.7			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | OCT MONTH

PAGE 1 0000-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
72/ 71					.1													1	1		
70/ 69					.3													2	2		
68/ 67				.1	.3													3	3		
66/ 65			.1	.6	.3													7	7		
64/ 63			.4	.3	.1	.3	.4											11	12	4	
62/ 61		.7	.6	.1	.6	.1												15	18	1	
60/ 59		1.1	.9	.9	.7													25	27	16	6
58/ 57	.6	.6	.4	1.4	.4	.4												27	30	20	15
56/ 55	.7	.9	1.0	.7	.4	.1												27	28	22	17
54/ 53	.7	1.0	1.0	.7	1.4		.4											37	41	30	23
52/ 51	.1	1.9	.4	.1	.6	.3												24	25	29	15
50/ 49	.7	2.3	1.0	1.3	.4	.1												41	41	33	21
48/ 47	.3	4.0	.3	1.6	.1	.4												47	52	41	33
46/ 45	.6	4.4	1.0	1.4	.6													56	59	50	51
44/ 43	.9	3.6	.9	2.1														52	56	55	52
42/ 41		3.0	2.7	1.9	.1													54	57	44	34
40/ 39	1.3	3.0	2.0	.7	.3													49	55	53	29
38/ 37	.7	2.1	3.1	.4														45	50	68	37
36/ 35		3.4	2.6	.6														46	47	43	59
34/ 33	.3	2.4	1.7	.9														37	37	49	42
32/ 31	.7	4.3	1.9	.3	.1													51	51	46	61
30/ 29	1.3	1.9	.7															27	27	46	64
28/ 27	.1	.6	.4															8	8	30	39
26/ 25	.3	.7																7	7	15	25
24/ 23																				4	16
22/ 21		.4																3	3		2
20/ 19																				3	17
18/ 17																					12
16/ 15																					7
14/ 13																					1
12/ 9																					1
TOTAL	7.0	42.2	23.1	16.1	7.0	1.9	.0												744		702
																		702		702	

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.	4394239	54547	77.7	14.909	702							
Dry Bulb	1525237	32897	44.2	9.751	744		12.0	.8				9
Wet Bulb	1238377	28779	41.0	9.117	702		19.1					9
Dew Point	1036120	26006	37.0	10.324	702		35.1					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-8[illegible] — YEARS
OCT — MONTH

0300-0500 — HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65			.4	.4														6	6		
64/ 63			.3	.1	.3	.1												6	6		
62/ 61	.1	.7	.7	.4	.1	.4												18	20	4	1
60/ 59	.3	1.0	1.0	.6	.4													23	25	14	5
58/ 57	1.3	.6	.4	1.7		.1												29	31	21	22
56/ 55	.1	.1	.4	1.3		.3												16	19	19	12
54/ 53	.1	1.1	1.1	1.4	.4	.1												31	34	15	12
52/ 51	.6	1.6	2.1	.7														35	38	37	16
50/ 49	.4	1.7	.3	1.4	.3													29	29	29	19
48/ 47	.7	4.7	.7	1.3	.4	.4												58	60	42	56
46/ 45	.1	4.3	.7	1.1														44	45	52	58
44/ 43	.4	4.0	1.1	1.1														47	50	34	47
42/ 41	.6	2.3	2.0	1.1	.3													44	53	48	33
40/ 39	1.3	2.7	3.1	.9														54	57	44	40
38/ 37	1.6	1.9	3.8	.4	.1													55	61	55	44
36/ 35	.1	3.6	2.4	.6														47	50	57	34
34/ 33	.4	2.3	1.3															28	28	51	36
32/ 31	1.4	4.1	1.3	1.0														55	55	50	75
30/ 29	1.1	2.7	1.0															34	34	39	48
28/ 27	1.1	2.0	.1															22	22	41	44
26/ 25	.6	1.9																17	17	28	38
24/ 23		.1																1	1	8	15
22/ 21		.1																1	1	1	23
20/ 19		.3																2	2	2	18
18/ 17																				1	20
16/ 15																					4
14/ 13																					3
TOTAL	12.1	43.7	24.5	15.7	2.4	1.6													744		702
																		702		702	

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.	4602322	56026	79.8	13.667	702							
Dry Bulb	1440704	31910	42.9	9.850	744		16.5					9
Wet Bulb	1186319	28129	40.1	9.343	702		22.5					9
Dew Point	1013253	25653	36.5	10.401	702		38.2					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70 / 69					.1													1	1		
68 / 67					.1													1	1		
66 / 65			.1	.3														3	3		
64 / 63		.3	.4															5	5	1	
62 / 61	.4	.6	.9	.1	.1													15	18	7	3
60 / 59		1.0	.9	.6	.6	.1												22	22	12	7
58 / 57	.9	1.0	1.0	1.3	.3	.1												32	33	19	19
56 / 55	.1	.1	.4	1.1	.4													16	20	16	13
54 / 53		1.4	1.1	1.3														27	28	13	9
52 / 51	.7	1.7	2.0	.6	.1													36	38	37	26
50 / 49	.3	2.7	1.7	.9														39	43	36	16
48 / 47	.9	3.6	1.4	1.4	.1													52	54	52	47
46 / 45	.1	5.3	1.6	.3	.1	.3												54	57	42	41
44 / 43	.1	2.1	2.0	.7	.1													36	44	50	52
42 / 41	.9	3.3	1.3	.9	.3													46	51	49	45
40 / 39	.4	4.3	3.6	.7														63	64	41	31
38 / 37	1.1	3.3	3.0	.7														57	63	56	46
36 / 35	.4	2.3	2.7	.9														44	44	59	50
34 / 33		3.3	1.4	.4														36	38	47	34
32 / 31	.7	3.3	1.3	.1														39	38	50	63
30 / 29	1.1	2.0	2.7															41	41	38	46
28 / 27	1.6	1.6																22	22	39	37
26 / 25	.1	1.0																8	8	25	37
24 / 23		.6																4	4	8	11
22 / 21		.3																2	2	2	53
20 / 19	.1																	1	1	2	16
18 / 17																					14
16 / 15																					1
14 / 13																					1
TOTAL	10.1	44.9	29.5	12.3	2.6	.6													743		701
																		701		701	

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.	4636303	56231	80.2	13.105	701							
Dry Bulb	1441312	31936	43.0	9.617	743		14.5	.3				9
Wet Bulb	1196407	28221	40.3	9.280	701		21.3					9
Dew Point	1027358	25814	36.8	10.472	701		35.6					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
OCT — MONTH

0900-1100 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77						.1												1	1		
76/ 75						.1	.1											2	2		
74/ 73						.1												1	1		
72/ 71					.1	.1												2	2		
70/ 69				.1	.4	.1												5	5		
68/ 67			.1	.7	.1													7	7	1	
66/ 65		.3	.6	1.0	.3		.3											17	18	2	
64/ 63		1.0	.9	.3	.1		.1											17	18	10	2
62/ 61	.1	.1	.6	1.0	.9	.4												22	27	23	8
60/ 59	.6		.9	.6	.6	.3												20	23	14	15
58/ 57	.1	.7	1.4	1.1	1.0													31	35	14	21
56/ 55	.1	1.0	1.1	2.3	.6													36	43	21	10
54/ 53	.3	2.4	2.1	1.9	1.1													55	60	28	22
52/ 51	.4	2.9	2.4	1.4	.4	.1												54	59	56	31
50/ 49	.1	2.1	2.1	1.9	.3	.3												48	49	61	36
48/ 47	.1	2.6	1.6	1.4	.4	.1												44	49	57	45
46/ 45		3.1	2.1	1.4	1.0	.1												55	59	43	44
44/ 43	.4	3.4	3.0	2.1	.3													65	69	50	68
42/ 41	.4	2.4	3.6	2.6	.7	.1												69	69	60	42
40/ 39	.6	2.0	2.0	1.7	.1													45	45	56	37
38/ 37	.3	1.7	1.7	1.1	.4													37	37	64	50
36/ 35		1.3	.7	1.9	.3													29	29	43	60
34/ 33	.3		1.6	.7	.1													19	19	34	33
32/ 31	.1	.7	.9	.4														15	15	20	47
30/ 29	.1	.1	.1															3	3	31	32
28/ 27																				10	27
26/ 25																				1	21
24/ 23																					10
22/ 21																					19
20/ 19																					10
18/ 17																					3
16/ 15																					1
14/ 13																					1
12/ 11																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
OCT — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
10/ 5																					
TOTAL	4.3	28.0	29.6	25.8	9.4	2.3	.6												744		699
																		699		699	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3942837	51517	73.7	14.462	699							
Dry Bulb	1800861	35965	48.4	9.014	744		2.3	2.3	.5			93
Wet Bulb	1419305	30905	44.2	8.746	699		8.2	.1				93
Dew Point	1175043	27697	39.6	10.543	699		24.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81							.1											1	1		
80/ 79							.2											2	2		
78/ 77								.2										2	2		
76/ 75								.1										1	1		
74/ 73						.2	.2											4	4		
72/ 71					.3	1.0	.3	.1										12	14		
70/ 69				.3	.6	.1		.4										10	10	2	
68/ 67			.1	1.0	.7	.4		.4										19	21	1	
66/ 65	.1	.3	.9	.7	1.3	.9	.4											30	32	3	2
64/ 63	.3	.4	.3	.6	1.7	1.2	.1	.1										29	38	16	3
62/ 61	.1	.1	1.0	1.0	1.2	1.0	.3											32	38	29	6
60/ 59		.4	.7	1.0	.6	1.1	.3	.4										32	36	14	16
58/ 57		.1	.9	1.0	2.0	1.3												35	41	33	19
56/ 55	.1	.6	1.1	1.3	1.4	1.1	.7											48	53	34	23
54/ 53	.1	1.4	1.4	1.7	1.3	1.0	.1											50	51	33	27
52/ 51	.3	1.1	2.4	1.0	.4	1.0	.1											45	46	47	25
50/ 49	.1	1.4	1.6	1.9	2.1	1.0		.1										57	59	58	38
48/ 47	.1	1.1	1.4	2.6	2.3	.1	.3											63	63	60	39
46/ 45	.4	1.4	1.3	2.1	1.6	.6	.4											55	56	49	46
44/ 43		1.3	1.9	1.4	.9	.6												42	42	43	42
42/ 41	.6	1.1	1.4	3.4	.7													51	51	65	54
40/ 39		.9	.9	1.4	1.3	.6												35	35	61	35
38/ 37	.7	.7	.6	1.3	.7	.1												27	27	48	41
36/ 35				1.3														9	9	40	49
34/ 33	.1	.6	.7	.3														12	12	27	38
32/ 31																				16	52
30/ 29																				17	36
28/ 27																				2	27
26/ 25																					26
24/ 23																					11
22/ 21																					14
20/ 19																					23
18/ 17																					5
16/ 15																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
14/ 13																				1
12/ 11																				5
10/ 9																				3
TOTAL	7.3	13.1	18.6	25.0	21.0	13.0	3.9	2.1										744		7[illegible]
																	700		700	

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.	3113941	45129	64.5	17.103	700							
Dry Bulb	2092142	38806	52.2	9.572	744			6.0	1.7	.3		9[illegible]
Wet Bulb	1534358	32190	46.0	8.796	700		4.9	.4				9[illegible]
Dew Point	1167245	27493	39.3	11.184	700		27.8					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-6 — YEARS
OCT — MONTH

1500-1700 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82 / 81								.1										1	1		
80 / 79							.1											1	1		
78 / 77							.1	.1										2	2		
76 / 75								.1										1	1		
74 / 73						.3	.1	.1										4	4		
72 / 71					.1	.7	.4	.3										11	12		
70 / 69					.1	.4	.1	.4										3	10		
68 / 67			.3	.3	1.1	.4	.1	.7										21	28	2	
66 / 65	.3		.9	.4	1.1	.4	.7	.1										26	29	5	2
64 / 63	.1	.3	1.3	.9	1.0	1.1	.9											39	42	6	2
62 / 61		.1	1.3	.1	1.6	.7	.3											27	29	25	3
60 / 59		.1	.4	.4	1.4	1.3	.4	.4	.1									33	40	23	14
58 / 57		.9	.9	.7	1.6	.6	.4											35	44	29	12
56 / 55	.4	.1	.6	1.6	1.4	1.0	.9											42	50	35	27
54 / 53		1.3	1.7	1.7	1.3	1.0	.4											52	53	35	24
52 / 51	.1	.9	1.0	1.3	1.0	1.7	.1											43	46	45	19
50 / 49		1.7	1.4	1.9	3.0	1.4	.1	.1										68	68	54	34
48 / 47		1.3	.6	2.1	2.1	.6	.6											51	51	51	32
46 / 45	.4	1.4	1.4	2.1	1.9	.7												56	56	47	55
44 / 43	.1	1.3	1.0	2.0	.7	.4												39	39	55	47
42 / 41	.1	1.6	1.6	2.4	.7													45	45	69	41
40 / 39	.1	1.3	.9	1.9	1.9	.3												42	42	51	32
38 / 37	.1	.9	.4	1.7	.7	.4												30	30	50	44
36 / 35	.3	.4	.3	.3	.1													10	10	50	33
34 / 33	.1	.1	1.3															11	11	21	40
32 / 31																				71	62
30 / 29																				15	39
28 / 27																				1	38
26 / 25																					27
24 / 23																					17
22 / 21																					23
20 / 19																					16
18 / 17																					12
16 / 15																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
14/ 13																					1
12/ 11																					4
10/ 9																					2
TOTAL	2.4	13.4	16.9	21.9	23.0	13.6	6.3	2.7	.1									700	744	700	700

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2959370	43856	62.7	17.404	700							
Dry Bulb	2387054	38754	52.1	9.595	744			7.4	1.1	.1		93
Wet Bulb	1502355	31857	45.5	8.686	700		6.2	.3				93
Dew Point	1115390	26838	38.3	11.119	700		31.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
OCT — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75						.1												1	1		
74/ 73						.3												2	2		
72/ 69					.9		.1											7	8		
68/ 67					.1	.3	.4											6	8		
66/ 65				.1	1.1													9	10	1	
64/ 63	.1	.4	.4	.4	.4	.3												15	17	6	1
62/ 61	.3	1.3	1.3	.4	.7	.3												30	33	10	4
60/ 59		.7	.4	.1	1.3	.6												22	22	21	9
58/ 57	.3	.9	.9	1.1	1.3	.6												35	35	16	19
56/ 55	.4	1.0	.4	2.0	.6	.1	.3											34	37	20	19
54/ 53		1.7	1.4	2.4	.4	.3	.4											47	53	23	23
52/ 51		2.4	1.7	1.7	.6	.1	.1											47	55	44	19
50/ 49	.1	2.4	2.0	.7	1.6	.1												49	51	49	31
48/ 47		2.7	1.9	2.0	1.7													58	66	56	28
46/ 45	.6	1.9	1.9	2.3	1.3	.4												58	63	50	62
44/ 43	.1	1.4	2.3	2.1	1.3	.1												52	53	40	59
42/ 41		1.7	3.0	2.3	.4													52	52	54	35
40/ 39		1.7	3.4	1.9	.4													52	52	61	31
38/ 37	.4	2.0	2.7	1.6	.1													48	48	63	33
36/ 35	.1	1.9	1.6	2.0	.3													41	41	62	51
34/ 33	.3	.6	.9	.9														18	18	46	4
32/ 31	.1	.6	1.0	.6														16	16	25	75
30/ 29			.1															1	1	26	41
28/ 27			.3															2	2	14	27
26/ 25																				4	32
24/ 23																				1	15
22/ 21																					1
20/ 19																					2
18/ 17																					1
14/ 13																					
12/ 11																					
TOTAL	3.0	25.2	27.5	24.6	14.5	3.7	1.4												744		702
																		702		702	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3632199	49349	70.3	15.252	702							
Dry Bulb	1764831	35605	47.9	9.054	744		2.4	2.4	.4			97
Wet Bulb	1363507	30329	43.2	8.710	702		9.3					93
Dew Point	1084099	26541	37.8	10.726	702		33.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
OCT — MONTH

2100-2300 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71					.1													1	1		
70/ 69					.6	.1												5	5		
68/ 67					1.0	.1												8	10		
66/ 65				.6	.1	.3	.3											9	9		
64/ 63		.6	.4		.1		.1											9	10	4	
62/ 61	.1	.6	.3	.7	.4	.3												17	18	10	5
60/ 59	.3	1.4	1.4	.4	1.0	.1												33	36	21	7
58/ 57	.3	.3	.1	1.1	.6	.4												20	22	22	13
56/ 55	.1	.6	1.1	1.4	.9													29	29	16	15
54/ 53	.7	.6	1.3	.9	.3	.3	.4											31	35	18	24
52/ 51	.1	1.9	1.1	.3	.1													25	26	36	6
50/ 49	.3	3.8	.9	1.0	1.0													49	50	43	27
48/ 47	.1	3.8	1.3	1.0	1.6	.1												56	61	47	39
46/ 45	.4	4.0	1.6	3.0	1.4	.1												74	78	47	51
44/ 43	.9	2.7	1.4	1.0	.6	.1												47	57	47	60
42/ 41	.1	2.0	3.0	1.9	.4													52	58	47	28
40/ 39		2.6	2.7	1.4	.1													48	50	59	39
38/ 37	.3	3.6	3.4	.7														56	56	62	38
36/ 35		3.1	1.0	2.0														43	43	60	44
34/ 33	.4	2.8	1.9	1.1														44	44	56	53
32/ 31		2.6	.3															20	20	35	75
30/ 29	.6	.4	1.4															17	17	44	57
28/ 27	.3	.3	.4															7	7	12	32
26/ 25			.1															1	1	13	36
24/ 23		.1																1	1	1	13
22/ 21																				2	22
20/ 19																					19
18/ 17																					14
16/ 15																					6
14/ 13																					3
TOTAL	.1	37.7	25.2	18.5	10.4	2.1	.9												744		702
																		702		702	

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.	4077818	52456	74.7	15.019	702							
Dry Bulb	1611359	33903	45.6	9.457	744		5.8	2.0				93
Wet Bulb	1287229	29395	41.9	8.967	702		14.2					97
Dew Point	1056413	26213	37.3	10.522	702		35.0					95

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 | BURLINGTON INTL VT | 73-80 | OCT
STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
82 / 81							.0	.0										2	2		
80 / 79							.1											3	3		
78 / 77						.0	.0	.1										5	5		
76 / 75						.0	.0	.0										5	5		
74 / 73						.1	.1	.0										11	11		
72 / 71					.1	.2	.1	.1										27	30		
70 / 69				.1	.4	.1	.0	.1										36	41	21	
68 / 67			.1	.3	.4	.2	.1	.1										65	78	4	
66 / 65	.1	.1	.4	.5	.5	.2	.2	.0										109	114	11	4
64 / 63	.1	.4	.6	.3	.4	.4	.2	.0										131	148	47	6
62 / 61	.2	.5	.8	.5	.7	.4	.1											176	201	109	32
60 / 59	.1	.7	.8	.6	.8	.4	.1	.1	.0									210	231	135	78
58 / 57	.4	.6	.7	1.2	.9	.4	.1											244	271	184	142
56 / 55	.3	.6	.8	1.5	.6	.3	.2											248	279	183	136
54 / 53	.2	1.4	1.4	1.5	.8	.3	.2											330	355	195	166
52 / 51	.3	1.8	1.7	.9	.4	.4	.1											309	333	331	148
50 / 49	.3	2.3	1.4	1.4	1.1	.4	.0	.0										360	390	363	221
48 / 47	.3	3.0	1.1	1.7	1.2	.2	.1											426	456	406	298
46 / 45	.3	3.2	1.4	1.7	1.0	.3	.1											452	473	390	406
44 / 43	.4	2.5	1.7	1.6	.5	.2												380	410	374	423
42 / 41	.3	2.2	2.3	2.1	.5	.0												413	436	436	312
40 / 39	.4	2.3	2.3	1.3	.5	.1												388	400	426	265
38 / 37	.7	2.0	2.4	1.0	.3	.1												355	372	466	325
36 / 35	.1	2.0	1.4	1.2	.1													269	273	414	370
34 / 33	.2	1.5	1.3	.5	.0													205	207	331	302
32 / 31	.4	1.9	.8	.3	.0													195	195	276	517
30 / 29	.5	.9	.8															123	123	256	355
28 / 27	.4	.6	.2															61	61	149	262
26 / 25	.1	.4	.0															33	33	86	247
24 / 23		.1																6	6	22	164
22 / 21		.1																6	6	5	168
20 / 19	.0	.0																3	3	7	145
18 / 17																				1	134
16 / 15																					35

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

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ATETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
OCT — MONTH

PAGE 2
ALL — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					14
12/ 11																					12
10/ 9																					6
TOTAL	5.2	31.1	24.4	20.0	11.3	4.6	1.7	.6	.0									5951		5608	
																	5608		5608		

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.	31353529	409111	73.0	16.402	5608							
Dry Bulb	13763500	279796	47.0	10.112	5951		53.4	21.9	3.3	.4		744
Wet Bulb	10730257	239835	42.8	9.213	5608		106.3	.8				744
Dew Point	9676931	212255	37.8	10.712	5608		261.1					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
NOV — MONTH

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
68/ 65					•1													1	1	
64/ 63		•3	•1	•6														7	7	
62/ 61			•3	•3														4	4	3
60/ 59		•3	•1															3	3	3 3
58/ 57			•3	•1		•4	•1											7	7	9
56/ 55			•4	•3	•1	•3												8	8	7
54/ 53		•4	•6		•7													12	12	3 5
52/ 51		•7	•7	•4		•1												14	14	8 3
50/ 49		1•1	•6	1•4	•8													28	28	11 6
48/ 47		1•3	•4	•6	1•0													23	23	20 16
46/ 45	•4	2•9	•7	1•3	•1	•1												40	40	35 15
44/ 43	•1	1•5	1•9	1•1	•6													38	38	29 17
42/ 41	•1	2•6	1•1	1•7	1•3													47	47	37 32
40/ 39	•6	1•8	2•4	1•8	1•4													57	57	42 24
38/ 37	1•5	2•5	2•8	•7	•3													56	56	49 35
36/ 35	•1	2•5	3•5	1•0	•3													53	53	53 39
34/ 33	•7	4•2	2•4	•7	•3													59	59	76 39
32/ 31	•4	4•3	2•1	1•4	•1													60	60	63 66
30/ 29	1•1	3•8	2•4															51	51	58 62
28/ 27	•4	2•8	1•8															36	36	53 43
26/ 25	•7	1•9	1•1															27	27	50 47
24/ 23	•6	1•1	•8															18	18	26 36
22/ 21	•4	1•8	•4															19	19	22 59
20/ 19	•6	1•4	•3															16	16	27 43
18/ 17	•3	•7	•6															15	15	11 21
16/ 15	•6	•7																9	9	16 33
14/ 13		•3	•1															3	3	4 29
12/ 11		•7																5	5	3 19
10/ 9	•1	•4																4	4	7 11
8/ 7																				2 2
6/ 5																				6
4/ 3																				10
2/ 1																				3
-0/ -3																				1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-8[illegible] YEARS | NOV MONTH

PAGE 2 | 0000-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-- / -9																					2
TOTAL	[illegible].2	41.9	27.8	13.2	6.8	1.0	.1												720		7[illegible]
																		720		720	

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.	4125793	53396	74.2	15.169	720							
Dry Bulb	1[illegible]13397	25981	35.1	10.314	720		32.9					9[illegible]
Wet Bulb	[illegible]59379	23903	33.2	9.569	720		42.8					9[illegible]
Dew Point	958879	20259	28.1	11.116	720	.4	61.0					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
NOV — MONTH
PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 63		.2	.1	.1														4	4		
62/ 61		.3	.2															7	7	3	
60/ 59		.4	.1															4	4	3	3
58/ 57																				8	6
56/ 55			.4			.3												9	9	1	2
54/ 53		1.0	1.0		.4													17	17	1	3
52/ 51		.8	.4	.4	.4	.1												16	16	10	4
50/ 49		.8	1.5	.4	1.1	.3												30	30	13	6
48/ 47		2.2	.7	.8	.6													31	31	15	12
46/ 45		1.1	.8	1.2	.1													22	22	38	15
44/ 43	.3	1.3	2.4	.8	.6													39	39	19	22
42/ 41	.4	1.5	2.1	1.0	1.3													45	45	41	20
40/ 39	.6	1.9	2.2	1.7	.4	.1												50	50	44	16
38/ 37	.4	1.9	2.2	2.1	.4													44	44	40	32
36/ 35	1.7	2.4	2.9	.3	.3													54	54	47	36
34/ 33	.8	4.3	2.9	.4	.1													62	62	63	44
32/ 31	.7	5.1	1.1	.8	.4													59	59	78	64
30/ 29	.6	4.0	2.5	.1														52	52	56	41
28/ 27	1.3	3.5	1.5															43	43	54	59
26/ 25	1.1	2.6	1.1															35	35	53	67
24/ 23	.6	1.4	.4															17	17	40	29
22/ 21	.7	1.8																18	18	16	53
20/ 19	1.1	1.5																19	19	27	50
18/ 17	.3	.7	.7															12	12	9	30
16/ 15	.1	1.7	.3															15	15	11	17
14/ 13	.6	.3																6	6	17	31
12/ 11		.7																5	5	4	22
10/ 9		.8																6	6	5	8
8/ 7																				4	10
6/ 5																					
4/ 3																					
2/ 1																					11
-4/ -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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	10.3	43.5	28.2	11.0	6.1	1.4												720	720	720	72

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.	4200138	53896	74.9	15.131	720							
Dry Bulb	984223	25505	35.4	10.597	720		35.9					9
Wet Bulb	838962	23540	32.7	9.820	720		46.8					9
Dew Point	644427	19963	27.7	11.245	720	.4	62.1					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
NOV — MONTH

PAGE 1
0600-0900 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66 / 65			.1															1	1		
62 / 61		.7	.4	.1														9	9	1	
60 / 59		.4	.2															5	5	6	1
58 / 57			.3			.1												3	3	7	5
56 / 55		1.0	1.0	.1		.3												17	17	2	6
54 / 53		.4	.1	.1	.6	.3												11	11	11	8
52 / 51		.3	1.7	.6	.4	.1												22	22	8	9
50 / 49		.8	1.0	.3	.7	.4												23	23	9	7
48 / 47	.3	.8	.4	.4	1.0													21	21	24	12
46 / 45		1.3	1.5	.8														26	26	18	14
44 / 43	.1	1.3	2.1	1.1	.3	.1												36	36	21	13
42 / 41	.6	.8	.8	1.4	.8	.3												34	34	46	13
40 / 39	.3	2.5	2.4	.8	.1													44	44	31	21
38 / 37	.3	1.4	3.5	1.3	.1													47	47	41	30
36 / 35	1.5	2.6	4.0	.6	.3													65	65	47	44
34 / 33	1.3	3.5	1.7	1.0														51	51	72	26
32 / 31	1.5	5.0	1.9	.8														67	67	71	66
30 / 29	1.3	2.8	2.1	.4														47	47	55	64
28 / 27	.8	4.2	2.6	.1														56	56	53	61
26 / 25	.6	2.8	.7															29	29	54	57
24 / 23	.4	1.4	.4															16	16	40	27
22 / 21	1.5	1.9	.1															26	26	33	47
20 / 19	.6	1.8																17	17	19	44
18 / 17	.4	.6	.3															9	9	12	38
16 / 15	.3	1.5																13	13	6	27
14 / 13	.3	1.0																9	9	17	14
12 / 11	.1	.6																5	5	5	24
10 / 9	.1	1.3																10	10	5	22
8 / 7		.1																1	1	8	4
6 / 5																				1	2
4 / 3																					2
2 / 1																					14
-2 / -3																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | NOV MONTH

 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	11.9	42.6	29.4	10.0	4.3	1.7												720	720	720	720

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.	4234331	54207	75.3	14.598	720							
Dry Bulb	972278	25252	35.1	10.977	720		38.1					96
Wet Bulb	833335	23371	32.5	10.174	720		47.0					96
Dew Point	646541	19851	27.6	11.387	720	.4	64.3					96

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
71/ 69				.1														1	1		
67/ 65			.4		.1													4	4		
64/ 63		.1	.1	.3	.4		.1											8	8	2	
62/ 61		.3	.1	.8		.1	.1											11	11	3	2
60/ 59		.3	.7	.4	.4	.1		.1										15	15	4	7
58/ 57		.6	.3	.1			.7											9	9	8	5
56/ 55		.1	.1	.1	.3	.1	.4											9	9	16	1
54/ 53			.3	.4	.1	.3												8	8	7	13
52/ 51		.7	1.1	1.1	.7	.4	.1											30	30	9	6
50/ 49	.1	1.5	.7	.8	1.1													31	31	15	14
48/ 47		.8	.4	.8	.8	.1												22	22	21	15
46/ 45		2.1	1.7	.3	.1	.3												32	32	29	16
44/ 43		1.9	1.5	1.9	.8	.3												46	46	35	19
42/ 41	.4	1.1	2.5	.7	.7													39	39	43	23
40/ 39		1.5	3.9	1.7	.3													53	53	31	32
38/ 37	.6	2.8	3.3	1.7	.1													61	61	54	26
36/ 35	1.1	3.1	2.9	1.3	.3													62	62	69	42
34/ 33	1.8	3.2	1.7	.7	.4													56	56	91	38
32/ 31	.6	4.0	2.1	1.1														56	56	44	100
30/ 29	.4	1.8	2.9	.4														40	40	46	43
28/ 27	.1	2.4	2.4	.1														36	36	42	39
26/ 25	.6	2.1	.6															23	23	59	57
24/ 23	.1	1.7	.7															18	18	27	34
22/ 21	.3	1.9	.7															21	21	23	29
20/ 19	.6	.7	.3															11	11	17	93
18/ 17	.1	.7																6	6	7	34
16/ 15		.7	.1															6	6	6	26
14/ 13		.4	.3															5	5	6	15
12/ 11		.1																1	1	3	17
10/ 9																				3	9
8/ 7																					5
6/ 5																					2
4/ 3																					3
2/ 1																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≤ -1																					1
-2 / -3																					2
TOTAL	[illegible]	36.7	31.8	14.9	6.[illegible]	1.[illegible]	1.1	.1										720			72[illegible]
																		720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3958745	52257	72.6	15.193	720							
Dry Bulb	1124831	27395	38.0	10.711	720		27.9	.1				9[illegible]
Wet Bulb	942051	25073	34.8	9.790	720		35.4					9[illegible]
Dew Point	715804	21220	29.5	11.218	720	.5	58.9					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
NOV — MONTH

1200-1400 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
77 / 71					.3													2	2		
72 / 69				.1		.3												3	3		
69 / 67			.1		.3	.1												4	4		
66 / 65			.1	.1	.1													3	3		
64 / 63		.7		.7	.3		.6	.6										20	20	4	
62 / 61			.3	.4	.3	.3	.1	.1										11	11	7	1
60 / 59			.6	.3	.4	.3		.1										12	12	6	
58 / 57		.1	.1		.3	.1	.6	.3										11	11	6	
56 / 55		.3	.4	.7	.6	.4	1.3											24	24	11	
54 / 53		.3	.6	.8	.7	.8	.1											24	24	9	1
52 / 51		.7	1.3	1.0	.6	.4	.1											27	27	16	
50 / 49	.4	1.1	.4	.7	.7	.1	.1	.1										27	27	28	1
48 / 47		1.5	1.3	1.1	1.5	.1												40	40	26	1
46 / 45		1.4	1.1	1.1	1.3	.4												38	38	38	1
44 / 43		1.7	1.7	1.3	.6	.7												42	42	44	2
42 / 41		1.3	2.6	2.4	.7	.1												51	51	42	2
40 / 39	.1	1.4	2.4	3.9	1.1													64	64	38	2
38 / 37	.6	2.1	2.8	2.4	.6	.1												61	61	53	3
36 / 35	.4	1.9	1.9	1.4	.3													43	43	62	2
34 / 33	.7	1.3	3.1	1.3	.3													45	45	84	4
32 / 31	.4	3.3	2.2	2.2	.1													60	60	42	7
30 / 29		1.3	2.4	.4														29	29	57	4
28 / 27		2.4	1.1	.7														30	30	37	4
26 / 25	.1	1.5	.7	.1														18	18	54	5
24 / 23	.3	1.3	.6															15	15	19	3
22 / 21		.3	.3															4	4	14	4
20 / 19		.4	.4															6	6	7	4
18 / 17		.3	.1															3	3	7	3
16 / 15			.4															3	3	4	2
14 / 13																				2	1
12 / 11																				1	1
10 / 9																					
8 / 7																					
6 / 5																					

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3																					3
2/ 1																					4
0/ -1																					1
-2/ -3																					2
TOTAL	3.1	26.4	28.6	22.8	10.8	4.4	2.6	1.3										720			720
																		720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3367202	47770	66.3	16.586	720							
Dry Bulb	1295374	29538	41.0	10.782	720		21.0	1.1				96
Wet Bulb	1035757	26409	36.7	9.660	720		30.5					96
Dew Point	737906	21504	29.9	11.534	720	.5	56.5					96

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70 / 69					.1	.1												2	2		
68 / 67					.3													2	2		
66 / 65					.7													5	5		
64 / 63		.3	.1		.3	.3	.1	.1										9	9		
62 / 61		.3	.7	.6	.4	.3	.1	.4										23	20	3	1
60 / 59			.4		.1	.4	.4	.1										11	11	13	5
58 / 57		.1		.1	.7	.4	.7	.1										16	16	6	4
56 / 55		.4	.4	.8	.3	.6	.7											23	23	10	3
54 / 53		.4	.6	.1	.4	.5												15	15	9	1
52 / 51		.3	.8	.4	.6	.8	.1											22	22	11	12
50 / 49	.3	.6	1.1	1.4	1.0	.3												33	33	21	11
48 / 47	.4	.3	1.1	1.9	1.3	.3												38	38	29	9
46 / 45		1.5	1.9	1.3	1.1	.4												45	45	32	13
44 / 43		1.1	2.1	1.3	.1													33	33	44	19
42 / 41		.7	1.3	2.8	1.5	.4												48	48	47	31
40 / 39	.3	1.9	1.8	3.2	1.9													66	66	43	19
38 / 37	.6	2.1	3.1	2.2	1.1	.4												68	68	48	34
36 / 35	.6	1.8	2.2	3.3	.3													59	59	66	46
34 / 33	.4	1.4	2.1	1.3	.1													38	38	62	50
32 / 31	.7	2.5	2.4	2.1	.3													57	57	69	67
30 / 29		1.4	1.9	.1														25	25	57	45
28 / 27		1.8	1.3	1.0														29	29	43	43
26 / 25	.6	1.5	1.4															25	25	42	43
24 / 23		1.3	.3	.3														13	13	23	28
22 / 21	.1	.1	.4															5	5	22	46
20 / 19		.3	.6															6	6	5	63
18 / 17		.1	.4															4	4	7	35
16 / 15		.1	.3															3	3	2	25
14 / 13																				6	14
12 / 11																					13
10 / 9																					12
/ 7																					7
6 / 5																					5
4 / 3																					7

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-82 YEARS | NOV MONTH

 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥ 1																					2
≥ -1																					3
-2 / -3																					1
TOTAL	3.9	22.4	23.6	24.2	12.6	5.3	7.2	.8											720		72
																		720		720	

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.	3226852	46764	65.0	16.321	720							
Dry Bulb	1267165	29245	40.6	10.501	720		20.9	.5				90
Wet Bulb	1004286	26018	36.1	9.442	720		34.5					90
Dew Point	698613	20667	29.0	11.425	720	.5	57.1					91

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
NOV — MONTH

1800-2000 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65					.3													2	2		
64/ 63				.1	.3													3	3		
62/ 61			.1	.8	.1													8	8		
60/ 59		.7	.4	.4	.1													12	12	2	1
58/ 57		.4	.1	.4	.3													9	9	9	3
56/ 55		.1	.3	.6	.4	.3												12	12	14	6
54/ 53		.3	.4	.3	.7	.4												15	15	4	2
52/ 51		.7	.7	.4	.8	.4												22	22	9	12
50/ 49		1.1	.8	1.8	.8	.1												34	34	17	13
48/ 47	.1	1.3	.4	.7	.7	.1												24	24	16	12
46/ 45		1.8	1.3	1.8	.7													40	40	28	19
44/ 43		3.2	2.1	2.1	.3													55	55	48	18
42/ 41	.1	1.4	1.8	2.4	.8													47	47	39	22
40/ 39		.8	2.6	2.8	.8													51	51	51	33
38/ 37	.7	3.1	1.7	1.8	.6													56	56	52	29
36/ 35	.1	1.3	3.1	2.1	.4													50	50	53	40
34/ 33		3.6	3.5	1.4														61	61	56	44
32/ 31	1.3	2.6	4.0	1.5														68	68	66	68
30/ 29	.4	1.0	2.9	.3														33	33	62	57
28/ 27	.6	2.2	2.4	.1														38	38	53	45
26/ 25	.4	2.2	1.0															26	26	57	47
24/ 23		1.5	.7															16	16	25	37
22/ 21	.1	.7	.3															9	8	25	47
20/ 19	.1	.7	.8															12	12	6	62
18/ 17		1.1	.3															10	10	9	35
16/ 15		.8	.3															8	8	9	25
14/ 13																				10	22
12/ 11																					11
10/ 9																					13
8/ 7																					6
6/ 5																					4
4/ 3																					7
2/ 1																					1
0/ -1																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
NOV — MONTH

16[illegible]-2000 — HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	4.[illegible]	32.6	31.9	21.8	[illegible].2	1.4												720		720
																		720		720

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.	3652287	50154	69.7	14.686	720							
Dry Bulb	1125760	27474	38.2	10.735	720		27.4					93
Wet Bulb	924814	24916	34.6	9.329	720		40.3					96
Dew Point	678355	20561	28.6	11.191	720	.4	59.3					96

FORM 0 26 3 OL A PREVIOUS EDITIONS OBSOLETE AFGWC/USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | NOV MONTH

 21[illegible]-23[illegible] HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / [illegible]					.4													3	3		
64 / 63				.1														1	1		
62 / 61			.1	.6														5	5		
60 / 59		.1																1	1	3	
58 / 57		.6	.6	.3	.1													11	11	6	
56 / 55		.3		.7		.4												10	10	7	2
54 / 53		.4	.4	.8	1.0													19	19	5	13
52 / 51		.8	.4	.6	.7	.6												22	22	10	9
50 / 49		.6		1.9	.6													22	22	14	7
48 / 47		.8	.3	.4	.3	.1												14	14	14	14
46 / 45		2.8	1.3	1.0	.8													42	42	26	11
44 / 43	.4	2.5	1.7	1.1	.1													42	42	47	19
42 / 41	.1	2.6	1.9	1.5	.8													51	51	42	25
40 / 39	.3	1.8	2.8	2.8	1.1													57	57	35	31
38 / 37	1.0	3.5	2.5	1.3	.1													60	60	44	41
36 / 35		2.5	4.4	1.5	.3													63	63	64	32
34 / 33	.4	3.5	1.4	1.4	.3													50	50	69	37
32 / 31	.4	3.6	3.5	.7														59	59	68	53
30 / 29	1.0	2.5	1.7	.7														42	42	55	75
28 / 27	.4	1.9	2.5	.4														33	38	53	46
26 / 25	.3	3.2	1.0															32	32	46	49
24 / 23	.4	1.0	1.0															17	17	34	23
22 / 21	.3	1.8	.1															16	16	20	66
20 / 19	.8	.3	.3															10	10	19	42
18 / 17	.1	1.0	.4															11	11	6	27
16 / 15		1.3	.1															10	10	6	29
14 / 13		1.5	.1															12	12	12	17
12 / 11																				10	26
10 / 9																				1	8
8 / 7																					11
6 / 5																					1
4 / 3																					5
2 / 1																					2
0 / -1																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-82 YEARS | NOV MONTH

 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-2/ -3																					1
TOTAL	6.1	40.0	25.5	17.9	6.7	1.1													720		720
																		720		720	

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.	3936852	521174	72.5	14.698	720		30.9					90
Dry Bulb	1043495	26421	36.7	10.142	720		41.8					90
Wet Bulb	676584	24192	33.6	9.415	720	.4	60.4					90
Dew Point	658959	20291	28.2	11.008	720							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
NOV — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72 / 71					.1													2	2		
70 / 69				.2	.2	.1												6	6		
68 / 67			.2		.1	.0												6	6		
66 / 65			.1	.2	.2													19	19		
64 / 63		.2	.1	.2	.2	.2	.1	.1										52	52	6	
62 / 61		.2	.3	.5	.1	.1	.1	.1										75	75	20	4
60 / 59		.3	.3	.1	.1	.1	.1	.1										63	63	42	22
58 / 57		.2	.2	.1	.2	.1	.2	.1										66	66	59	29
56 / 55		.3	.4	.4	.2	.4	.3											112	112	61	30
54 / 53		.4	.5	.3	.6	.3	.3											121	121	49	65
52 / 51		.6	.9	.6	.5	.4	.1											175	175	81	59
50 / 49	.1	1.3	.9	1.1	.9	.2	.2	.2										228	228	178	91
48 / 47	.1	1.1	.6	.9	.9	.1												213	213	165	100
46 / 45	.1	1.9	1.3	1.1	.5	.2												285	285	244	117
44 / 43	.1	1.8	1.9	1.3	.4	.1												330	330	297	142
42 / 41	.2	1.5	1.6	1.7	1.0	.1												362	362	337	191
40 / 39	.3	1.6	2.6	2.3	.9	.0												442	442	315	204
38 / 37	.7	2.3	2.7	1.7	.4	.1												453	453	391	261
36 / 35	.7	2.3	3.1	1.4	.3													449	449	461	299
34 / 33	.7	3.1	2.3	1.0	.2													422	422	573	326
32 / 31	.7	3.8	2.4	1.3	.1													486	486	501	561
30 / 29	.6	2.3	2.3	.3														319	319	446	436
28 / 27	.4	2.6	1.9	.3														306	306	388	368
26 / 25	.5	2.2	.9	.0														215	215	417	394
24 / 23	.3	1.3	.6	.3														130	130	234	237
22 / 21	.4	1.3	.3															117	117	172	395
20 / 19	.5	.9	.3															97	97	127	400
18 / 17	.2	.6	.3															70	70	70	250
16 / 15	.1	.9	.2															67	67	60	202
14 / 13	.1	.4	.1															35	35	74	154
12 / 11	.3	.3																16	16	26	145
10 / 9	.0	.3																20	20	21	92
8 / 7		.0																1	1	14	53
6 / 5																				1	23

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | NOV MONTH

PAGE 2 | ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
4/ 3																						3
2/ 1																						4
/ -1																						1
-2/ -3																						1
-4/ -5																						5
TOTAL	7.0	35.8	29.4	15.9	7.8	2.3	.2	.3											5760		5760	
																				5760		5760

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	30704.063	41061.8	71.3	15.769	5760							
Dry Bulb	8622123	216811	37.6	10.719	5760		234.9	1.7				7
Wet Bulb	7314858	197422	34.3	9.757	5760		318.9					7
Dew Point	5433564	164536	28.6	11.286	5760	3.4	479.2					7

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
DEC — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
57 / 57			.1																1	1		
56 / 55			.3																2	2		
54 / 53			.1	.1		.4													5	5	2	
52 / 51																					2	2
50 / 49		.4	.1																4	4		2
48 / 47		.4																	3	3	4	
46 / 45		.1			.4														4	4	5	3
44 / 43		.8	.7	.4															14	14	5	4
42 / 41	.7	.8	.4	.3															16	16	9	9
40 / 39	.5	1.2	.9	.7															26	25	18	7
38 / 37	.1	.8	1.3	.8															23	23	18	9
36 / 35	1.2	2.2	1.9	2.0															54	54	33	19
34 / 33	.5	2.8	2.8	.1															47	47	32	23
32 / 31	.7	3.6	2.7	.3															54	54	44	24
30 / 29	.4	4.6	1.2	.9															53	53	56	28
28 / 27	.7	3.5	1.1	.7															44	44	62	35
26 / 25	.4	3.0	1.7	.1															39	39	42	54
24 / 23	.5	3.2	.5																32	32	54	31
22 / 21	1.7	2.6	.9																39	39	41	51
20 / 19	.8	3.0	.8																34	34	36	59
18 / 17	.3	3.8	.3																32	32	29	56
16 / 15	.3	3.0	.7																29	29	27	32
14 / 13	.5	2.6																	23	23	33	27
12 / 11	.8	1.9	.1																21	21	25	41
10 / 9	1.1	2.2																	24	24	28	21
8 / 7	1.1	.8																	14	14	20	36
6 / 5	1.1	2.0																	23	23	21	23
4 / 3	.1	1.7																	14	14	12	29
2 / 1	.5	1.1																	12	12	15	27
0 / -1	1.2	.4																	12	12	15	17
-2 / -3	1.1	.3																	10	10	11	6
-4 / -5	1.1	.3																	10	10	10	19
-6 / -7	.7																		5	5	6	17
-8 / -9	1.6																		12	12	12	11

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

USAFETAC FORM 0-26-3 C' A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | DEC MONTH

PAGE 2 | 0000-0700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-10/-11	.3																	4	4	4	5
-12/-13																					4
-14/-15	.3																	2	2	2	1
-16/-17	.1																	1	1	1	3
-18/-19																					13
-20/-21	.1																	1	1	1	1
-22/-23	.1																	1	1	1	1
-24/-25	.1																	1	1	1	1
-26/-27																					5
-28/-29																					2
-30/-31																					1
TOTAL	21.1	52.8	18.8	6.5	.4	.4													744		744
																		744		744	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4097825	54263	72.9	13.737	744							
Dry Bulb	532570	17000	22.8	13.928	744	7.4	68.3					93
Wet Bulb	457526	15658	21.0	13.125	744	8.0	77.0					93
Dew Point	330205	11261	15.1	15.026	744	14.5	83.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | DEC 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
57/ 57			.1															1	1		
56/ 55																				1	
54/ 53						.4												5	5		
52/ 51																					1
50/ 49		.3	.3	.1														5	5		
48/ 47		.1	.3															3	3	4	1
46/ 45		.1	.5															5	5	2	
44/ 43		1.1	.1	.7	.4													17	17	6	5
42/ 41	.1	1.2	.5	.1														15	15	13	4
40/ 39		1.1	1.2	.7														22	22	9	14
38/ 37		1.6	1.1	.7														25	25	21	6
36/ 35	.5	2.2	2.4	.8														44	44	32	16
34/ 33	.5	3.0	3.0															48	48	35	27
32/ 31	.5	3.0	3.5	1.2														61	61	48	32
30/ 29	.8	2.3	1.9	.7														42	42	54	41
28/ 27	.7	4.2	1.2															45	45	55	33
26/ 25	.5	3.2	1.6	.4														43	43	47	39
24/ 23	.3	2.2	.3															20	20	42	22
22/ 21	1.9	3.1	.7															42	42	42	53
20/ 19	1.1	3.4	1.1															41	41	46	51
18/ 17	.1	1.9	.4															18	18	19	37
16/ 15	.5	3.2																23	28	28	48
14/ 13	.5	2.6																23	23	29	28
12/ 11	1.5	3.8																39	39	27	26
10/ 9	1.3	.9																17	17	37	27
8/ 7	.5	2.0	.1															20	20	12	21
6/ 5	.7	2.4																23	23	22	25
4/ 3	1.5	1.1																19	19	29	33
2/ 1	.4	1.6																15	15	9	37
0/ -1	.8																	6	6	14	19
-2/ -3	1.1	.9																15	15	11	13
-4/ -5	1.6	.3																14	14	17	13
-6/ -7	.1																	1	1	2	13
-8/ -9	.5																	4	4	4	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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-8[illegible] DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-10/-11	.2																	7	7	7	9
-12/-13	.3																	2	2	2	5
-14/-15	.4																	3	3	3	14
-16/-17	.5																	4	4	4	1
-18/-19	.3																	2	2	2	11
-20/-21	.3																	2	2	2	4
-22/-23																					3
-24/-25																					2
-26/-27																					7
-28/-29																					1
TOTAL	21.0	52.6	20.3	5.4	.4	.4												744	744	744	744

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.	4171895	54049	73.7	13.142	744							
Dry Bulb	5133o6	16448	22.1	14.196	744	7.5	69.5					93
Wet Bulb	4412[illegible]9	15159	20.4	13.346	744	8.5	77.[illegible]					93
Dew Point	328556	10938	14.7	15.026	744	15.3	83.8					93

USAFETAC FORM 0-23-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53			.1			.4												4	4		
52/ 51		.1	.4															4	4		
50/ 49																				2	
48/ 47		.1	.1		.3													4	4	3	1
46/ 45		.3	.4	.1														6	6	4	3
44/ 43		.3	.3	.4	.7													12	12	3	3
42/ 41	.3	1.3	.5	.1	.1													20	20	16	4
40/ 39	.1	1.2	1.1	.1														19	19	12	10
38/ 37		2.0	.5	.4														22	22	21	9
36/ 35	.1	1.6	1.6	.4														28	28	29	14
34/ 33	1.1	2.2	3.2	.1														49	49	27	23
32/ 31	.4	4.6	3.2	1.3														71	71	40	28
30/ 29	.8	2.2	2.7	.4														45	45	60	32
28/ 27	.1	2.7	.5															25	25	45	23
26/ 25	.1	4.7	2.3	.3														55	55	55	51
24/ 23	1.2	1.7	.1															23	23	51	14
22/ 21	1.1	3.2	.7															37	37	33	60
20/ 19	.3	3.6	.4															32	32	37	49
18/ 17	.4	2.0	.1															19	19	24	36
16/ 15	.7	4.2	.3															38	38	27	43
14/ 13	1.7	2.7																33	33	40	33
12/ 11	1.1	3.4																33	33	32	36
10/ 9	1.9	2.6																33	33	38	31
8/ 7	.3	1.6																14	14	21	26
6/ 5	.3	1.5																13	13	12	23
4/ 3	.8	2.6																25	25	27	25
2/ 1	.9	1.6																19	19	18	27
0/ -1	1.3	.4																13	13	16	19
-2/ -3	.4	.1																4	4	7	22
-4/ -5	.7	.8																11	11	11	11
-6/ -7	.8																	6	6	6	11
-8/ -9	.5																	4	4	4	21
-10/-11	1.3																	10	10	10	8
-12/-13	.3																	2	2	2	4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-[illegible] DEC
STATION STATION NAME YEARS MONTH

PAGE 2 0600-0900
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-14/-15	.7																	5	5	5	3
-16/-17	.3																	2	2	2	1
-18/-19	.4																	3	3	3	1 1
-20/-21																					0
-22/-23																					2
-24/-25																					2
-26/-27																					1
-28/-31																					2
-32/-33																					1
TOTAL	2.7	55.3	18.7	3.8	1.1	.4												743			743
																		743		743	

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.	4160779	54739	73.7	13.134	743							
Dry Bulb	491859	15975	21.5	14.141	743	7.5	72.0					93
Wet Bulb	423182	14724	19.8	13.307	743	8.3	78.4					93
Dew Point	315494	13482	14.1	15.030	743	17.3	84.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
DEC — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58 / 55						.4												3	3		
54 / 53			.7															5	5		
52 / 51		.1	.1															2	2	1	
50 / 49		.1	.1			.3												4	4	5	
48 / 47		.1	.3		.1													4	4	2	3
46 / 45		.3		.3	.5													8	8	6	4
44 / 43		.9	.3	.1	.3													12	12	5	4
42 / 41		1.5	.7	.1														17	17	11	3
40 / 39	.3	.7	1.6	.1	.3													22	22	16	16
38 / 37	.5	1.5	2.2	.7														36	36	24	6
36 / 35	.4	1.7	2.3	.7		.1												37	37	34	15
34 / 33	.7	2.6	3.4	.7														54	54	39	24
32 / 31		3.4	3.4	.5														54	54	35	25
30 / 29	.7	2.7	2.4	.7														48	48	66	27
28 / 27	.8	2.8	1.2	.1														37	37	47	55
26 / 25	1.1	3.6	1.2															44	44	58	35
24 / 23	.8	2.8	1.2															36	36	48	42
22 / 21	1.1	3.3	1.5															41	41	38	61
20 / 19	.1	4.0	.4															34	34	40	52
18 / 17	.3	3.9	1.3															41	41	32	39
16 / 15	.8	1.9	.5															24	24	34	37
14 / 13	.1	4.0																31	31	27	36
12 / 11	1.2	2.4	.1															28	28	37	39
10 / 9	.1	2.2																17	17	20	29
8 / 7	.1	1.9																15	15	21	25
6 / 5	.3	1.6																14	14	16	15
4 / 3	.8	2.0																21	21	18	21
2 / 1	.1	2.4																19	19	19	31
0 / -1	.7	.1																6	6	12	26
-2 / -3	.8	.5																10	10	10	17
-4 / -5	.9	.3																9	9	10	10
-6 / -7	.4																	3	3	3	13
-8 / -9	.4																	3	3	3	11
-10 / -11	.3																	2	2	2	12

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 2 — 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-12/-13																					11
-14/-15																					9
-16/-17	.3																	2	2	2	2
-18/-19	.1																	1	1	1	1
-20/-21																					3
-22/-27																					3
TOTAL	14.2	55.1	24.6	4.0	1.2	.8												744	744	744	744

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.	3990796	53566	72.0	13.439	744							
Dry Bulb	544431	17603	23.7	13.123	744	4.5	67.5					93
Wet Bulb	462420	16130	21.7	12.317	744	5.4	75.1					93
Dew Point	329631	11615	15.6	14.127	744	15.0	83.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
DEC — MONTH

1200-1400 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58 / 55		.4				.4												6	6		
54 / 53						.1	.1											2	2	3	3
52 / 51		.1	.1			.3												4	4		
50 / 49		.3	.3		.3	.3												8	9	1	
48 / 47		.3	.4	.3														7	7	7	3
46 / 45		.8	.1	.1	.1	.3												11	11	4	4
44 / 43		1.2	.5	.3	.1													16	16	13	2
42 / 41	.1	.9		.5	.4													15	15	16	11
40 / 39	.3	.5	1.6	.7	.3													25	25	18	9
38 / 37	.3	.9	2.2	1.1	.1	.1												35	35	14	16
36 / 35	1.1	1.3	3.4	1.6														55	55	32	15
34 / 33	.9	3.4	3.3	.8														60	60	51	19
32 / 31	.1	3.9	3.9	2.3														76	76	53	24
30 / 29	.3	1.7	2.3	.9														39	39	71	33
28 / 27	.5	3.2	2.3	.5														47	47	52	53
26 / 25	.5	3.5	.9	.1														38	38	65	46
24 / 23	.7	1.3	2.4	.1														34	34	43	34
22 / 21	1.1	1.6	2.3															35	35	34	57
20 / 19	.7	3.2	2.0															44	44	49	51
18 / 17	.1	3.5	1.3															37	37	29	43
16 / 15	.3	2.8	.7															28	28	38	24
14 / 13		1.7	.7															18	18	28	39
12 / 11	.6	1.9	.4															23	23	23	32
10 / 9		1.7	.1															14	14	20	43
8 / 7	.3	2.2																18	19	20	34
6 / 5	.1	2.2																17	17	15	8
4 / 3		.9																7	7	19	16
2 / 1	.1	1.3																11	11	9	42
0 / -1	.4	.5																7	7	7	12
-2 / -3	.1																	1	1	5	12
-4 / -5																					13
-6 / -7	.4																	3	3	3	13
-8 / -9																					9
-10 / -11																					4

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

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

CLIMATIC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 BURLINGTON INTL VT 73-80 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	≥ 29	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-1 / -13																				1
-14 / -15	.4																3	3	3	6
-22 / -23																				2
-24 / -27																				4
TOTAL	.7	47.6	36.4	9.4	1.3	1.5	.1										744	744	744	744

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.	3692496	51190	68.8	15.145	744							
Dry Bulb	622930	19596	26.3	11.989	744	1.8	62.5					93
Wet Bulb	517651	17757	23.9	11.239	744	2.3	73.1					93
Dew Point	352507	12651	17.0	13.598	744	10.8	82.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
DEC — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55		.3	.1		.1		.1											5	5		
54/ 53			.1			.3												3	3	3	
52/ 51		.1	.1			.4												5	5		3
50/ 49		.3	.1															3	3	3	
48/ 47		.3	.3	.4														7	7	3	2
46/ 45		.4	.1	.1		.1												6	6	3	3
44/ 43		.9	.8		.3													15	15	14	2
42/ 41	.3	.7	.5	.4	.1													15	15	13	12
40/ 39	.3	1.1	1.3	1.1	.5													32	32	16	8
38/ 37	.4	.9	2.3	1.2														34	34	14	11
36/ 35	.1	1.3	4.6	1.7	.1													59	59	28	19
34/ 33	1.3	2.4	2.3	1.1														51	51	55	19
32/ 31		4.3	4.4	1.2														72	72	55	23
30/ 29	.8	1.9	1.9	1.9														46	48	68	23
28/ 27	.1	1.7	3.1	.9														44	44	56	59
26/ 25	.3	3.5	1.3	.7														43	43	47	57
24/ 23	.5	1.6	2.4	.1														35	35	63	39
22/ 21	.4	2.6	1.9															36	36	40	45
20/ 19	.5	3.4	1.7															42	42	40	41
18/ 17	.5	3.1	1.1															35	35	39	47
16/ 15	.3	2.3	.5															21	21	33	35
14/ 13	.1	2.2	.8															23	23	22	31
12/ 11	.7	1.7	.5															22	22	23	32
10/ 9	.4	1.9																17	17	24	37
8/ 7	.4	3.1																26	26	22	37
6/ 5		1.5																11	11	22	22
4/ 3	.3	1.6																14	14	16	22
2/ 1		.7																5	5	5	26
0/ -1	.0	.1																8	8	10	13
-2/ -3		.1																1	1	2	14
-4/ -5																					17
-6/ -7	.3																	2	2	2	12
-8/ -9	.1																	1	1	1	15
-10/-11																					7

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-12/-13																					3
-14/-15	.4																	3	3	3	4
-16/-17																					4
-18/-19																					1
-20/-21																					2
-22/-23																					1
-24/-25																					1
-26/-27																					2
TOTAL	.5	45.4	32.0	10.9	1.2	.8	.1											744	744	744	744

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.	3601738	50486	67.9	15.386	744							
Dry Bulb	610615	19405	26.1	11.859	744	1.9	63.6					93
Wet Bulb	504607	17527	23.6	11.110	744	2.3	74.0					93
Dew Point	338375	12209	16.4	13.630	744	12.1	83.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
DEC — MONTH

1630-2015 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 59			.1															1	1		
58 / 57			.3															2	2		
56 / 55																				3	
54 / 53			.3			.4												5	5		3
52 / 51		.1				.4												4	4		
50 / 49		.3		.3														4	4	5	
48 / 47		.4	.1	.3														6	6		5
46 / 45	.1			.1														2	2	4	1
44 / 43		.1	.7		.1	.1												8	8	6	
42 / 41	.3	.5		.3	.3													10	10	11	4
40 / 39	.4	1.1	1.5	1.6	.1													35	35	11	5
38 / 37	.3	1.2	1.3	.8														27	27	10	15
36 / 35	.7	1.2	2.6	.3														35	35	38	10
34 / 33	.7	4.3	2.3	1.7														67	67	40	16
32 / 31	.9	3.0	4.8	.8														71	71	61	34
30 / 29	.1	4.7	2.0	1.1														59	59	57	34
28 / 27	.3	2.0	3.6															44	44	71	41
26 / 25		2.4	2.2	.3														36	36	44	46
24 / 23		1.2	.9	.1														17	17	45	43
22 / 21	.4	2.6	1.2															31	31	34	39
20 / 19	1.1	3.8	1.5															47	47	36	50
18 / 17	.7	2.8	1.1															34	34	41	36
16 / 15	.5	2.3	.3															23	23	31	42
14 / 13	.1	2.7	.7															26	26	20	25
12 / 11	1.2	2.2	.4															28	28	33	36
10 / 9	1.1	2.6																27	27	31	32
8 / 7	.7	2.2																21	21	25	35
6 / 5		1.9																14	14	17	26
4 / 3	.1	1.6																13	13	17	24
2 / 1		2.3																17	17	12	30
0 / -1	1.1	.7																13	13	19	6
-2 / -3	.4	.3																5	5	9	2
-4 / -5		.3																2	2	2	16
-6 / -7	.5																	4	4	5	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — YEARS
DEC — MONTH

1800-2000 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-≤/ -9	.1																	1	1	1	1
-10/-11	.3																	2	2	2	1
-12/-13																					6
-14/-15																					4
-16/-17	.3																	2	2	2	5
-18/-19	.1																	1	1	1	9
-20/-21																					1
-22/-23																					3
-24/-25																					1
-26/-27																					2
TOTAL	12.5	50.5	27.8	7.7	.5	.9												744	744	744	744

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3791010	51958	69.8	14.787	744							
Dry Bulb	557157	18009	24.2	12.774	744	3.8	67.3					93
Wet Bulb	466625	16365	22.0	11.981	744	5.1	77.0					93
Dew Point	325657	11411	15.3	14.239	744	13.8	65.4					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
60 / 59			.3															2	2		
58 / 57			.1															1	1		
56 / 55						.1												1	1	2	
54 / 53						.3												2	2	1	1
52 / 51		.3																2	2		2
50 / 49		.1		.3	.3													5	5	2	
48 / 47		.4																3	3	1	3
46 / 45	.3			.3														4	4	6	2
44 / 43		.5	.5	.1	.4													12	12	4	
42 / 41	.1	.5	.5	.8														15	15	9	6
40 / 39	.3	.9	.8	1.3	.1													26	26	14	5
38 / 37	.3	1.1	.7	.5														19	19	12	7
36 / 35	.8	3.2	2.2	.9														53	53	38	23
34 / 33	.7	3.2	1.3	.8														45	45	43	17
32 / 31	.7	4.0	5.1	.3														75	75	51	35
30 / 29	.4	4.2	1.6	.8														52	52	50	29
28 / 27	.3	3.0	2.6	.5														47	47	74	35
26 / 25	.3	3.1	2.0															40	40	42	55
24 / 23	.1	1.1	1.1															17	17	47	30
22 / 21	1.2	3.9	1.3															48	48	47	48
20 / 19	.5	2.0	.9															26	26	33	61
18 / 17	.4	3.9	.9															39	39	27	38
16 / 15	.4	2.2	.4															22	22	32	30
14 / 13	.1	2.8	.1															23	23	26	23
12 / 11	.8	1.6	.4															21	21	22	38
10 / 9	1.2	2.6																28	28	29	25
8 / 7	.5	1.6																16	16	20	36
6 / 5	.7	1.3																15	15	18	27
4 / 3	.3	2.3																19	19	22	30
2 / 1	.5	1.7																17	17	13	22
0 / -1	1.3	.7																15	15	18	9
-2 / -3	1.1	.5																12	12	16	14
-4 / -5	.3	.3																4	4	3	18
-6 / -7	.7																	5	5	7	11

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-8/ -9	.8																	6	6	6	12
-10/-11	.1																	1	1	1	16
-12/-13	.3																	2	2	2	6
-14/-15	.1																	1	1	1	5
-16/-17																					5
-18/-19																					12
-20/-21	.1																	1	1	1	
-22/-23	.1																	1	1	1	
-24/-25	.1																	1	1	1	3
-26/-27																					1
-28/-29																					2
-30/-31																					2
TOTAL	1[illegible].0	53.1	23.0	6.7	.8	.4												744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3995459	53491	71.9	14.192	744							
Dry Bulb	536438	17316	23.3	13.501	744	6.1	69.3					93
Wet Bulb	457324	15854	21.3	12.681	744	7.1	76.5					93
Dew Point	330498	11268	15.2	14.639	744	14.5	84.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59			.1															3	3		
58 / 57			.1															5	5		
56 / 55		.1	.1		.0	.1	.0											17	17	6	
54 / 53			.2	.0		.3	.0											29	29	9	7
52 / 51		.1	.1			.1												21	21	3	8
50 / 49		.2	.1	.1	.1	.1												33	33	16	2
48 / 47		.3	.2	.1	.1													37	37	24	17
46 / 45	.1	.3	.2	.1	.1	.1												46	46	34	19
44 / 43		.7	.5	.3	.3	.0												106	106	56	20
42 / 41	.3	.9	.4	.3	.1													123	123	103	53
40 / 39	.3	1.0	1.3	.8	.2													206	206	114	74
38 / 37	.2	1.3	1.4	.8	.0	.0												221	221	134	79
36 / 35	.6	1.8	2.6	1.1	.0	.0												365	365	264	127
34 / 33	.8	3.0	2.6	.7														421	421	322	175
32 / 31	.4	3.7	3.9	1.0														534	534	387	225
30 / 29	.5	3.0	2.0	.9														386	386	492	224
28 / 27	.4	2.9	1.9	.4														333	333	462	335
26 / 25	.4	3.4	1.7	.2														338	338	400	402
24 / 23	.5	1.9	1.1	.1														214	214	390	235
22 / 21	1.1	2.8	1.3															309	309	309	410
20 / 19	.6	3.3	1.1															300	300	319	414
18 / 17	.4	3.1	.8															255	255	240	306
16 / 15	.5	2.7	.4															213	213	250	291
14 / 13	.4	2.7	.3															200	200	224	242
12 / 11	1.0	2.4	.3															215	215	222	282
10 / 9	.9	2.1	.0															177	177	227	245
8 / 7	.5	1.9	.0															144	144	161	252
6 / 5	.4	1.8																130	130	145	169
4 / 3	.5	1.7																132	132	162	200
2 / 1	.3	1.6																115	115	99	233
0 / -1	1.0	.4																80	80	111	112
-2 / -3	.6	.4																58	58	71	118
-4 / -5	.6	.3																50	50	53	117
-6 / -7	.5																	29	29	34	94

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-8 / -9	.5																	31	31	31	107
-10/-11	.4																	26	26	26	78
-12/-13	.1																	6	6	6	51
-14/-15	.3																	17	17	17	53
-16/-17	.2																	11	11	11	36
-18/-19	.1																	7	7	7	60
-20/-21	.1																	4	4	4	2
-22/-23	.0																	2	2	2	13
-24/-25	.0																	2	2	2	10
-26/-27																					28
-28/-29																					5
-30/-31																					5
-32/-33																					1
TOTAL	15.6	51.6	24.4	6.8	.9	.7	.0											5951		5951	
																		5951		5951	

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.	31501998	424542	71.3	14.292	5951							
Dry Bulb	4411366	141352	23.8	13.309	5951	40.4	539.8					744
Wet Bulb	3730544	129174	21.7	12.480	5951	46.9	608.1					744
Dew Point	2656893	91855	15.4	14.443	5951	113.1	671.4					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-81 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99												.0						1	1		
98/ 97										.0	.0	.0						8	8		
96/ 95										.0	.0							7	7		
94/ 93									.1	.0	.0	.0						14	14		
92/ 91							.0	.0	.0	.0	.0	.0	.0	.0				61	61		
90/ 89					.0	.0	.0	.0	.0	.1	.0	.0	.0	.0				130	130		
88/ 87				.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0				229	230		
86/ 85				.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0				365	365		
84/ 83			.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0				525	525		
82/ 81	.0	.0	.0	.1	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0				754	755	5	1
80/ 79		.0	.0	.1	.3	.3	.3	.2	.1	.1	.1	.0	.0	.0				1003	1003	17	5
78/ 77	.0	.0	.1	.2	.3	.3	.2	.2	.2	.1	.0	.0		.0				1115	1115	111	5
76/ 75	.0	.0	.2	.4	.3	.3	.3	.2	.1	.1	.0	.0	.0					1431	1431	281	33
74/ 73		.1	.4	.6	.3	.4	.3	.2	.1	.1	.0	.0						1711	1711	645	149
72/ 71	.0	.3	.7	.5	.5	.3	.3	.1	.1	.0	.0	.0						1938	1941	1108	432
70/ 69	.0	.4	.7	.4	.4	.4	.2	.2	.1	.0	.0							1973	1976	1759	817
68/ 67	.1	.5	.8	.4	.5	.3	.2	.1	.1	.1	.0							2152	2165	2068	1407
66/ 65	.1	.9	.7	.6	.4	.3	.2	.1	.1	.0	.0							2389	2394	2312	1570
64/ 63	.1	.9	.5	.6	.5	.3	.2	.1	.1	.0	.0							2263	2260	2581	2026
62/ 61	.1	.9	.7	.5	.4	.3	.2	.1	.0	.0								2232	2257	2575	2167
60/ 59	.1	.9	.7	.5	.4	.2	.1	.1	.0									2134	2155	2565	2230
58/ 57	.1	.8	.7	.4	.4	.2	.2	.1	.0									1985	2012	2526	2216
56/ 55	.1	1.0	.7	.5	.3	.2	.2	.0	.0									2136	2167	2426	2302
54/ 53	.2	1.0	.7	.5	.3	.3	.1	.0	.0									2147	2172	2330	2460
52/ 51	.1	1.1	.8	.3	.3	.3	.1	.0	.0									2080	2104	2413	2379
50/ 49	.1	1.1	.6	.4	.4	.2	.0	.0										1908	1918	2484	2309
48/ 47	.1	1.2	.5	.5	.4	.1	.0	.0										1959	1989	2293	2360
46/ 45	.1	1.0	.6	.6	.3	.1	.0	.0										1902	1923	2033	2286
44/ 43	.1	1.0	.8	.6	.3	.1	.0											1942	1972	1964	2042
42/ 41	.2	.9	.8	.7	.3	.1	.0											2001	2024	2126	1976
40/ 39	.2	.9	1.1	.7	.2	.0												2265	2277	2147	1823
38/ 37	.3	1.1	1.3	.5	.1	.0												2195	2212	2335	1863
36/ 35	.3	1.2	1.1	.6	.1	.0												2366	2370	2510	2042
34/ 33	.4	1.5	1.0	.4	.1													2442	2444	2702	2114

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-81 YEARS | ALL MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
32/ 31	.3	1.7	1.2	.5	.1													2593	2593	2526	3245
30/ 29	.3	1.1	1.0	.3	.0													1865	1865	2463	2354
28/ 27	.3	1.2	.8	.2	.0													1712	1712	2197	2254
26/ 25	.3	1.3	.7	.1														1662	1662	2210	2261
24/ 23	.2	.7	.5	.1														1006	1006	1666	1453
22/ 21	.3	1.0	.6	.1														1347	1347	1445	2009
20/ 19	.3	1.1	.5	.0														1319	1319	1386	2110
18/ 17	.1	.9	.4															1017	1017	1075	1625
16/ 15	.1	.9	.4															972	972	1014	1392
14/ 13	.2	1.0	.2															1010	1010	1039	1255
12/ 11	.2	1.0	.1															944	944	1054	1317
10/ 9	.2	.9	.1															820	820	1080	1038
8/ 7	.1	.7	.0															560	560	732	936
6/ 5	.1	.6																477	477	623	683
4/ 3	.1	.7																540	540	575	890
2/ 1	.1	.6																538	538	545	1102
0/ -1	.4	.1																356	356	485	682
-2/ -3	.2	.2																277	277	307	675
-4/ -5	.2	.1																234	234	226	599
-6/ -7	.2	.0																164	164	232	458
-8/ -9	.2																	148	148	148	501
-10/-11	.2																	105	105	105	369
-12/-13	.1																	47	47	47	233
-14/-15	.2																	107	107	107	277
-16/-17	.1																	66	66	66	229
-18/-19	.1																	39	39	39	243
-20/-21	.0																	28	28	28	152
-22/-23	.0																	17	17	17	93
-24/-25	.0																	14	14	14	86
-26/-27	.0																	2	2	2	111
-28/-29	.0																	4	4	4	49
-30/-31																					45
-32/-33																					6
-34/-35																					22

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-81 YEARS | ALL MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-36 / -37																					13
-38 / -39																					7
TOTAL	7.7	34.8	22.5	12.7	8.0	5.2	3.6	2.5	1.5	.8	.4	.1	.0	.0				69773	70118	69773	69773

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	361850958	4875970	69.9	17.391	69773							
Dry Bulb	177618355	3182379	45.4	21.754	70118	200.4	2496.8	1680.1	919.7	324.7	3.9	8760
Wet Bulb	144248445	2862995	41.0	19.588	69773	227.8	2933.6	749.5	132.4	1.1		8760
Dew Point	118885794	2465790	35.3	21.448	69773	605.6	3855.5	356.3	24.0	.1		8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14742 BURLINGTON INTL VT 73-81
STATION STATION NAME YEARS

HRS (LST)		JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV.	DEC	ANNUAL
	MEAN	15.7	17.5	29.7	39.7	51.9	60.2	64.4	63.2	54.2	44.2	36.1	22.8	41.7
0-02	S.D	14.632	15.055	12.003	10.380	9.487	8.412	7.122	7.307	9.041	9.751	10.314	13.928	20.005
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
	MEAN	14.8	16.4	28.2	38.3	49.6	58.5	62.5	61.4	52.6	42.9	35.4	22.1	40.3
3-05	S.D	14.971	15.649	12.308	10.464	9.652	8.843	7.660	7.775	9.308	9.850	10.597	14.196	19.872
	TOTAL OBS	743	678	744	720	744	720	744	744	720	744	720	744	8765
	MEAN	14.1	15.5	28.1	39.9	54.0	62.3	66.4	64.0	53.7	43.0	35.1	21.5	41.6
6-08	S.D	15.150	15.931	12.337	10.482	9.544	7.954	6.648	7.234	8.799	9.617	10.977	14.141	21.189
	TOTAL OBS	744	678	744	720	74	720	744	744	720	743	720	743	8764
	MEAN	16.3	19.5	32.6	45.9	61.2	68.7	73.8	71.2	60.1	48.4	38.0	23.7	46.8
9-11	S.D	13.974	14.280	11.845	11.373	10.311	8.137	6.322	6.924	7.987	9.014	10.711	13.123	22.425
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
	MEAN	19.7	23.8	36.4	49.7	65.6	72.8	78.3	75.6	64.1	52.2	41.0	26.3	50.6
12-14	S.D.	12.401	13.233	11.929	12.252	11.478	8.886	6.816	7.443	8.377	9.572	10.782	11.989	22.726
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
	MEAN	20.2	24.8	37.4	50.8	66.0	73.3	78.8	75.9	64.3	52.1	40.6	26.1	51.0
15-17	S.D.	12.170	13.036	11.764	12.388	11.554	9.042	7.124	7.138	8.422	9.595	10.501	11.859	22.698
	TOTAL OBS	743	678	744	720	744	720	744	744	720	744	720	744	8765
	MEAN	17.9	22.1	34.3	47.2	61.5	69.0	74.1	71.1	59.6	47.9	38.2	24.2	47.4
18-20	S.D.	13.061	13.727	11.219	11.084	10.389	8.289	6.674	6.691	8.119	9.054	10.035	12.774	21.748
	TOTAL OBS	744	678	744	720	742	720	744	744	720	744	720	744	8764
	MEAN	16.4	19.7	31.7	42.6	55.6	63.2	67.6	65.7	56.0	45.6	36.7	23.3	43.8
21-23	S.D.	13.865	14.488	11.528	10.117	9.442	7.909	6.409	6.653	8.472	9.457	10.142	13.501	20.360
	TOTAL OBS	744	678	744	720	741	720	743	744	720	744	720	744	8762
	MEAN	16.9	19.9	32.3	44.2	58.2	66.0	70.7	68.5	58.1	47.0	37.6	23.8	45.4
ALL HOURS	S.D	13.965	14.797	12.321	11.989	11.816	9.973	9.058	8.911	9.608	10.112	10.715	13.309	21.754
	TOTAL OBS	5953	5424	5952	5760	5947	5760	5951	5952	5760	5951	5760	5951	70118

USAF ETAC FORM OCT 75 0-89-5 (OL A)

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14742 BURLINGTON INTL VT 73-81
STATION STATION NAME YEARS

HRS (LST)		JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ANNUAL
	MEAN	14.3	16.0	27.2	36.2	47.9	56.6	61.0	60.3	51.7	41.0	33.2	21.3	39.0
0-02	S.D.	13.982	14.432	11.365	9.192	8.800	7.650	6.364	6.824	8.630	9.117	9.569	13.125	19.142
	TOTAL OBS	744	678	744	720	744	720	744	744	720	702	720	744	8724
	MEAN	13.9	15.1	26.1	35.0	46.4	55.4	59.7	59.0	50.4	40.1	32.7	20.4	37.9
3-05	S.D.	14.323	15.029	11.712	9.386	9.021	8.104	6.855	7.277	8.880	9.343	9.820	13.346	19.149
	TOTAL OBS	743	678	744	720	744	720	744	744	720	702	720	744	8723
	MEAN	12.9	14.3	26.1	36.6	49.7	58.3	62.4	61.2	51.4	40.3	32.5	19.8	38.9
6-08	S.D.	14.551	15.345	11.795	9.438	8.805	7.354	6.084	6.768	8.512	9.280	10.174	13.307	20.180
	TOTAL OBS	744	678	744	720	744	720	744	744	720	701	720	743	8722
	MEAN	14.3	17.8	29.6	40.4	53.3	61.4	65.6	65.0	55.6	44.2	34.8	21.7	42.1
9-11	S.D.	13.446	13.740	11.064	9.413	8.758	7.120	5.789	6.103	7.621	8.746	9.790	12.317	20.183
	TOTAL OBS	744	678	744	720	744	720	743	744	720	699	720	744	8720
	MEAN	17.7	21.3	32.1	42.2	54.7	62.6	66.5	66.0	57.0	46.0	36.7	23.9	44.0
12-14	S.D.	11.914	12.552	10.683	9.421	8.698	7.075	5.727	6.217	7.590	8.796	9.660	11.239	19.370
	TOTAL OBS	744	678	744	720	744	720	743	744	720	700	720	744	8721
	MEAN	18.0	21.9	32.5	42.6	54.6	62.5	66.4	65.9	57.0	45.5	36.1	23.6	44.0
15-17	S.D.	11.626	12.241	10.283	9.387	8.463	6.867	5.581	5.901	7.639	8.686	9.442	11.110	19.156
	TOTAL OBS	743	678	744	720	744	720	744	744	720	700	720	744	8721
	MEAN	16.1	19.8	30.4	40.6	52.7	60.8	65.0	64.2	54.9	43.2	34.6	22.0	42.1
18-20	S.D.	12.459	12.971	10.268	9.109	8.397	6.801	5.495	6.092	7.903	8.710	9.329	11.981	19.346
	TOTAL OBS	744	678	744	720	742	720	744	744	720	702	720	744	8722
	MEAN	14.8	17.9	28.7	38.1	50.0	58.3	62.7	61.8	52.9	41.9	33.6	21.3	40.3
21-23	S.D.	13.195	13.839	10.640	8.914	8.480	7.117	5.814	6.340	8.213	8.967	9.415	12.681	19.152
	TOTAL OBS	744	678	744	720	741	720	743	744	720	702	720	744	8720
	MEAN	15.3	18.0	29.1	39.0	51.2	59.5	63.7	62.9	53.9	42.8	34.3	21.7	41.0
ALL HOURS	S.D.	13.334	14.051	11.256	9.658	9.152	7.706	6.445	6.925	8.490	9.213	9.757	12.480	19.588
	TOTAL OBS	5950	5424	5952	5760	5947	5760	5949	5952	5760	5608	5760	5951	69773

USAF ETAC FORM OCT 78 0-89-5 (OL A)

L...AL CLIMATOLOGY BRANCH
...FETAC
A... ...EATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14742 BURLINGTON INTL VT 73-81
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	7.4	9.4	21.1	30.8	43.7	53.8	58.7	58.3	49.5	37.3	28.1	15.1	34.5
0-3	S D	16.430	17.081	14.006	10.533	10.146	8.242	6.773	7.171	9.163	10.324	11.116	15.026	21.400
	TOTAL OBS	744	678	744	720	744	720	744	744	720	702	720	744	8724
	MEAN	6.8	8.7	20.5	30.1	43.0	52.9	57.8	57.4	48.5	36.5	27.7	14.7	33.8
4-7	S D	16.835	17.566	14.184	10.703	10.059	8.567	7.104	7.456	9.261	10.401	11.245	15.026	21.395
	TOTAL OBS	743	678	744	720	744	720	744	744	720	702	720	744	8723
	MEAN	6.4	8.1	20.7	31.6	45.5	55.2	59.8	59.3	49.5	36.8	27.6	14.1	34.7
8-11	S D	17.055	17.834	14.246	10.780	10.129	8.218	6.760	7.078	8.985	10.472	11.387	15.030	22.218
	TOTAL OBS	744	678	744	720	744	720	744	744	720	701	720	743	8722
	MEAN	7.8	10.9	23.0	32.8	45.8	56.1	60.3	61.0	51.9	39.6	29.5	15.6	36.3
12-15	S D	16.182	16.773	14.039	11.021	10.879	8.750	7.573	7.233	8.802	10.543	11.218	14.127	21.855
	TOTAL OBS	744	678	744	720	744	720	743	744	720	699	720	744	8720
	MEAN	9.7	13.2	23.7	32.4	44.9	55.5	59.1	60.0	51.2	39.3	29.9	17.0	36.4
16-19	S D	15.178	15.999	13.782	11.289	11.170	9.238	8.179	7.961	9.431	11.184	11.534	13.598	20.951
	TOTAL OBS	744	678	744	720	744	720	743	744	720	700	720	744	8721
	MEAN	9.5	12.9	23.3	32.9	44.2	54.9	58.5	59.5	50.8	38.3	29.0	16.4	35.9
17-20	S D	15.002	16.061	13.442	11.643	11.099	9.160	8.189	8.054	9.727	11.119	11.425	13.630	20.886
	TOTAL OBS	743	678	744	720	744	720	744	744	720	700	720	744	8721
	MEAN	8.3	11.6	22.3	31.6	44.2	54.8	59.1	59.7	50.8	37.8	28.6	15.3	35.4
20-23	S D	15.526	16.424	13.407	11.440	10.897	8.822	7.459	7.635	9.349	10.726	11.191	14.239	21.319
	TOTAL OBS	744	678	744	720	742	720	744	744	720	702	720	744	8722
	MEAN	7.5	10.7	21.9	31.4	44.4	54.5	59.4	59.1	50.2	37.3	28.2	15.2	35.1
1-23	S D	15.874	16.939	13.695	10.744	10.229	8.171	6.763	7.103	9.083	10.522	11.008	14.639	21.407
	TOTAL OBS	744	678	744	720	741	720	743	744	720	702	720	744	8720
	MEAN	7.9	10.7	22.1	31.6	44.5	54.7	59.1	59.3	50.3	37.8	28.6	15.4	35.3
ALL HOURS	S D	16.046	16.924	13.891	11.046	10.615	8.099	7.402	7.533	9.281	10.712	11.286	14.443	21.448
	TOTAL OBS	5950	5424	5952	5760	5947	5760	5949	5952	5760	5608	5760	5951	69773

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 BURLINGTON INTL VT 74-81 JAN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	98.3	93.1	71.4	51.5	25.5	7.0	70.2	744
	03-05	100.0	100.0	99.7	98.9	92.1	74.2	51.1	26.5	8.6	70.8	743
	06-08	100.0	100.0	99.9	99.3	93.4	76.5	54.7	28.8	9.5	71.8	744
	09-11	100.0	100.0	99.9	98.8	90.7	71.9	48.7	24.7	7.1	69.7	744
	12-14	100.0	99.9	99.9	96.4	81.5	61.3	37.9	20.4	5.5	65.8	744
	15-17	100.0	99.9	99.3	95.2	75.4	57.7	33.5	20.3	3.4	64.1	743
	18-20	100.0	100.0	99.7	96.9	82.7	64.7	40.2	20.6	5.4	66.6	744
	21-23	100.0	100.0	100.0	98.7	88.3	67.5	44.2	23.0	7.3	68.5	744
TOTALS		100.0	100.0	99.8	97.8	87.2	68.2	45.2	23.7	6.7	68.4	5950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 BURLINGTON INTL VT 74-81 FEB
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.7	98.1	92.3	72.9	50.4	31.6	11.9	71.1	678
	03-05	100.0	100.0	99.9	99.4	92.5	77.0	54.3	32.2	12.8	72.3	678
	06-08	100.0	100.0	99.9	99.3	92.2	78.8	58.1	31.3	13.3	72.9	678
	09-11	100.0	100.0	99.7	97.2	89.2	71.8	47.9	25.8	11.1	69.9	678
	12-14	100.0	100.0	99.9	95.0	80.8	56.6	33.8	20.8	8.1	64.9	678
	15-17	100.0	100.0	98.8	90.0	71.7	48.8	28.3	16.1	6.6	61.9	678
	18-20	100.0	100.0	99.7	93.4	82.0	55.8	36.4	19.6	8.0	65.1	678
	21-23	100.0	100.0	99.9	97.1	87.0	65.8	43.8	26.4	10.3	68.8	678
TOTALS		100.0	100.0	99.7	96.2	86.0	65.9	44.1	25.5	10.3	68.4	5424

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 PERIOD | MAR MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.2	96.0	87.5	72.8	54.2	36.3	14.7	71.7	744
	03-05	100.0	100.0	99.9	98.5	91.1	76.7	60.2	42.5	17.2	74.1	744
	06-08	100.0	100.0	100.0	99.2	91.1	79.8	64.0	43.3	17.2	74.9	744
	09-11	100.0	100.0	99.3	95.2	81.9	67.7	50.1	30.6	11.2	69.3	744
	12-14	100.0	100.0	97.6	87.4	68.5	50.0	33.3	21.4	7.7	62.2	744
	15-17	100.0	100.0	96.0	81.6	61.2	44.2	29.6	16.9	6.3	59.3	744
	18-20	100.0	99.9	98.1	90.1	73.1	50.9	35.1	21.5	9.1	63.5	744
	21-23	100.0	100.0	99.3	94.9	84.1	64.1	46.0	28.8	12.6	68.6	744
TOTALS		100.0	100.0	98.7	92.9	79.8	63.3	46.6	30.2	12.0	68.0	5952

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 BURLINGTON INTL VT 74-81 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.4	96.8	90.1	78.6	53.6	31.9	13.8	72.2	720
	03-05	100.0	100.0	99.3	97.6	91.7	81.9	63.1	38.6	17.2	74.9	720
	06-08	100.0	100.0	99.6	97.5	91.5	78.8	60.3	39.4	16.3	73.8	720
	09-11	100.0	100.0	97.4	87.1	69.4	51.5	35.6	20.8	9.6	62.8	720
	12-14	100.0	99.6	89.4	70.8	50.8	36.7	25.4	16.5	6.4	55.1	720
	15-17	100.0	98.6	84.0	63.3	44.4	34.2	24.6	15.4	6.0	52.7	720
	18-20	100.0	100.0	93.8	77.5	57.8	40.0	29.9	19.4	8.5	58.0	720
	21-23	100.0	100.0	99.0	93.2	82.1	61.8	38.3	25.4	10.0	66.5	720
TOTALS		100.0	99.8	95.2	85.5	72.2	57.9	41.4	25.9	11.0	64.5	5760

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 STATION | BURLINGTON INTL VT STATION NAME | 74-81 PERIOD | MAY MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	98.1	93.1	83.1	66.0	39.7	11.7	74.8	744
	03-05	100.0	100.0	99.9	98.9	96.4	89.1	78.5	52.6	19.2	79.1	744
	06-08	100.0	100.0	99.6	98.4	93.4	81.6	62.8	38.3	11.7	74.3	744
	09-11	100.0	100.0	97.8	86.4	66.1	42.3	25.9	14.5	3.4	59.2	744
	12-14	100.0	99.6	86.4	64.9	40.9	25.5	17.1	8.5	3.5	50.3	744
	15-17	100.0	98.3	81.6	57.5	39.2	24.6	17.7	9.3	3.2	48.8	744
	18-20	100.0	99.6	92.9	74.5	55.8	37.6	25.6	14.6	4.3	56.2	742
	21-23	100.0	100.0	100.0	93.9	84.1	65.6	45.7	24.7	8.1	68.0	741
TOTALS		100.0	99.7	94.8	84.1	71.1	56.2	42.4	25.3	8.1	63.8	5947

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 PERIOD | JUN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	97.9	89.9	79.9	58.1	15.7	80.1	720
	03-05	100.0	100.0	100.0	99.7	98.5	92.9	84.4	65.0	23.3	82.4	720
	06-08	100.0	100.0	100.0	99.3	97.4	90.1	73.5	50.1	13.6	78.2	720
	09-11	100.0	100.0	99.9	95.0	82.5	62.6	40.3	18.2	3.6	65.8	720
	12-14	100.0	100.0	97.4	80.6	59.7	38.8	22.2	9.2	2.8	56.8	720
	15-17	100.0	100.0	94.0	76.1	54.0	37.4	21.5	10.8	3.3	55.4	720
	18-20	100.0	100.0	98.2	88.1	73.1	54.4	34.7	17.4	5.0	62.9	720
	21-23	100.0	100.0	100.0	99.3	93.8	82.2	65.1	34.4	9.4	74.5	720
TOTALS		100.0	100.0	98.7	92.3	82.1	68.5	52.7	32.9	9.6	69.5	5760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 BURLINGTON INTL VT 73-80 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	100.0	99.7	95.6	83.5	63.0	24.2	82.4	744
	03-05	100.0	100.0	100.0	100.0	99.5	96.6	86.3	72.4	38.0	85.3	744
	06-08	100.0	100.0	100.0	99.7	98.8	94.8	79.2	52.3	17.5	80.0	744
	09-11	100.0	100.0	99.7	96.6	83.6	55.7	29.3	14.9	2.2	63.9	743
	12-14	100.0	99.9	98.0	81.0	51.8	26.0	14.1	6.3	2.0	53.5	743
	15-17	100.0	99.7	96.9	72.7	44.4	23.8	15.3	9.0	1.9	51.9	744
	18-20	100.0	100.0	99.7	92.2	72.7	45.8	26.6	13.3	3.5	61.2	744
	21-23	100.0	100.0	100.0	100.0	97.7	87.9	65.7	38.9	9.0	75.6	743
TOTALS		100.0	100.0	99.3	92.8	81.0	65.8	50.0	33.8	12.3	69.2	5949

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 (STATION) BURLINGTON INTL VT (STATION NAME) 73-80 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.9	98.0	88.3	72.2	29.0	84.5	744
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	93.3	78.2	40.7	87.0	744
	06-08	100.0	100.0	100.0	100.0	100.0	98.7	92.2	71.9	28.5	84.9	744
	09-11	100.0	100.0	100.0	98.8	94.5	76.7	49.9	30.1	7.9	71.4	744
	12-14	100.0	100.0	98.9	92.3	71.5	41.4	22.3	13.0	3.2	60.0	744
	15-17	100.0	100.0	98.7	89.1	65.3	39.2	21.6	13.2	2.4	58.6	744
	18-20	100.0	100.0	99.9	97.6	89.2	68.4	45.3	23.3	4.7	68.4	744
	21-23	100.0	100.0	100.0	100.0	99.2	93.7	80.4	55.9	12.5	79.9	744
TOTALS		100.0	100.0	99.7	97.2	90.0	76.9	61.7	44.7	16.1	74.3	5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 — STATION
BURLINGTON INTL VT — STATION NAME
73-80 — PERIOD
SEP — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.3	96.8	86.0	69.7	35.1	84.7	720
	03-05	100.0	100.0	100.0	100.0	99.6	97.6	89.3	73.5	41.7	86.4	720
	06-08	100.0	100.0	100.0	100.0	100.0	97.9	91.4	72.8	37.6	86.1	720
	09-11	100.0	100.0	100.0	100.0	95.6	85.0	65.4	35.1	11.9	75.2	720
	12-14	100.0	100.0	100.0	96.8	77.9	58.1	32.8	17.5	5.8	64.5	720
	15-17	100.0	100.0	99.4	94.9	74.7	50.3	31.4	18.3	6.5	63.4	720
	18-20	100.0	100.0	100.0	99.6	95.8	79.2	57.1	34.2	13.6	73.7	720
	21-23	100.0	100.0	100.0	100.0	99.0	93.1	81.3	60.8	24.0	81.7	720
TOTALS		100.0	100.0	99.9	98.9	92.7	82.3	66.8	47.7	22.0	77.0	5760

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 PERIOD | OCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	98.9	96.0	86.0	64.7	50.3	23.4	77.7	702
	03-05	100.0	100.0	100.0	99.6	98.3	91.2	71.1	53.3	26.1	79.8	702
	06-08	100.0	100.0	100.0	99.7	98.4	91.6	74.2	53.6	26.1	80.2	701
	09-11	100.0	100.0	100.0	98.9	94.7	79.5	56.1	34.6	14.3	73.7	699
	12-14	100.0	100.0	98.7	94.1	76.9	51.3	35.0	18.9	10.1	64.5	700
	15-17	100.0	100.0	99.0	92.6	72.3	47.3	29.6	19.1	9.9	62.7	700
	18-20	100.0	100.0	100.0	97.9	90.3	71.5	45.6	29.6	10.1	70.3	702
	21-23	100.0	100.0	100.0	99.1	94.0	78.5	58.5	41.5	16.2	74.7	702
TOTALS		100.0	100.0	99.7	97.6	90.1	74.6	54.4	37.6	17.0	73.0	5608

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 PERIOD | NOV MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	99.9	98.8	91.9	79.6	60.3	40.3	15.7	74.2	720
	03-05	100.0	100.0	100.0	98.8	92.9	81.1	61.4	40.7	16.7	74.9	720
	06-08	100.0	100.0	100.0	99.2	93.8	81.9	63.3	41.1	16.7	75.3	720
	09-11	100.0	100.0	100.0	97.9	92.2	76.5	55.6	33.1	17.2	72.6	720
	12-14	100.0	99.9	99.9	93.8	80.3	62.2	39.9	21.8	9.0	66.3	720
	15-17	100.0	100.0	99.7	94.4	76.8	59.3	35.0	19.3	7.1	65.0	720
	18-20	100.0	100.0	100.0	98.5	89.2	70.7	45.3	27.1	10.1	69.7	720
	21-23	100.0	100.0	100.0	98.9	92.1	77.5	54.2	32.8	12.5	72.5	720
TOTALS		100.0	100.0	99.9	97.5	88.7	73.6	51.9	32.0	13.1	71.3	5760

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 STATION | BURLINGTON INTL VT STATION NAME | 73-80 PERIOD | DEC MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.2	94.6	80.6	56.3	33.6	10.6	72.9	744
	03-05	100.0	100.0	100.0	99.3	96.4	82.9	57.3	33.9	11.7	73.7	744
	06-08	100.0	100.0	100.0	99.7	95.7	82.8	56.7	34.7	11.4	73.7	743
	09-11	100.0	100.0	99.9	99.7	94.5	78.4	52.7	29.8	11.0	72.0	744
	12-14	100.0	100.0	99.9	98.9	87.9	66.1	44.2	27.0	8.5	68.8	744
	15-17	100.0	100.0	100.0	97.8	84.3	64.8	41.5	25.0	8.1	67.9	744
	18-20	100.0	100.0	100.0	98.4	89.0	71.5	46.8	28.1	9.1	69.8	744
	21-23	100.0	100.0	100.0	99.5	91.7	76.5	52.8	32.1	10.6	71.9	744
TOTALS		100.0	100.0	100.0	99.1	91.8	75.5	51.0	30.5	10.1	71.3	5951

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14742 BURLINGTON INTL VT 73-81 ALL
STATION STATION NAME PERIOD MONTH

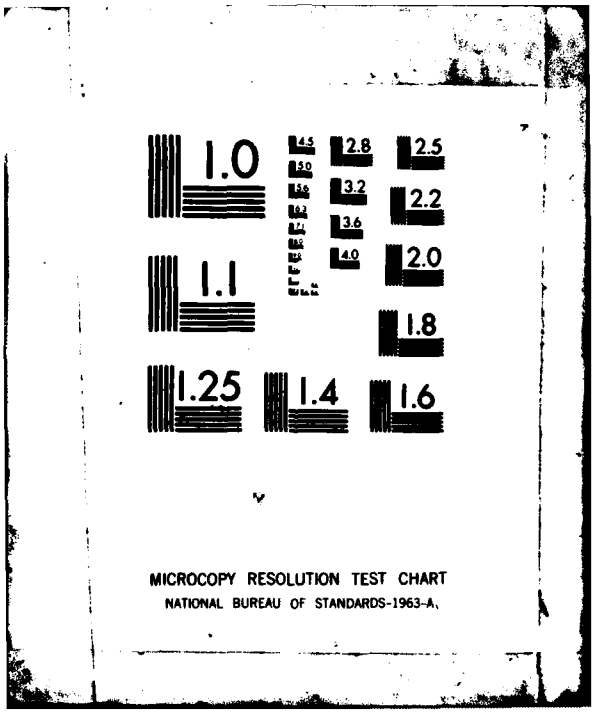
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.8	97.8	87.2	68.2	45.2	23.7	6.7	68.4	595
FEB		100.0	100.0	99.7	96.2	86.0	65.9	44.1	25.5	10.3	68.4	542
MAR		100.0	100.0	98.7	92.9	79.8	63.3	46.6	30.2	12.0	68.0	595
APR		100.0	99.3	95.2	85.5	72.2	57.9	41.4	25.9	11.0	64.5	576
MAY		100.0	99.7	94.8	84.1	71.1	56.2	42.4	25.3	8.1	63.8	594
JUN		100.0	100.0	98.7	92.3	82.1	68.5	52.7	32.9	9.6	69.5	576
JUL		100.0	100.0	99.3	92.8	81.0	65.8	50.0	33.8	12.3	69.2	594
AUG		100.0	100.0	99.7	97.2	90.0	76.9	61.7	44.7	16.1	74.3	595
SEP		100.0	100.0	99.9	98.9	92.7	82.3	66.8	47.7	22.0	77.0	576
OCT		100.0	100.0	99.7	97.6	90.1	74.6	54.4	37.6	17.0	73.0	560
NOV		100.0	100.0	99.9	97.5	88.7	73.6	51.0	32.0	13.1	71.3	576
DEC		100.0	100.0	100.0	99.1	91.8	75.5	51.0	30.5	10.1	71.3	595
TOTALS		100.0	100.0	99.8	94.3	84.4	69.1	50.7	32.5	12.4	69.9	6977

AD-A113 224 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BURLINGTON IAP, VERMONT. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/006 SBI-AD-E850 139 NL




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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

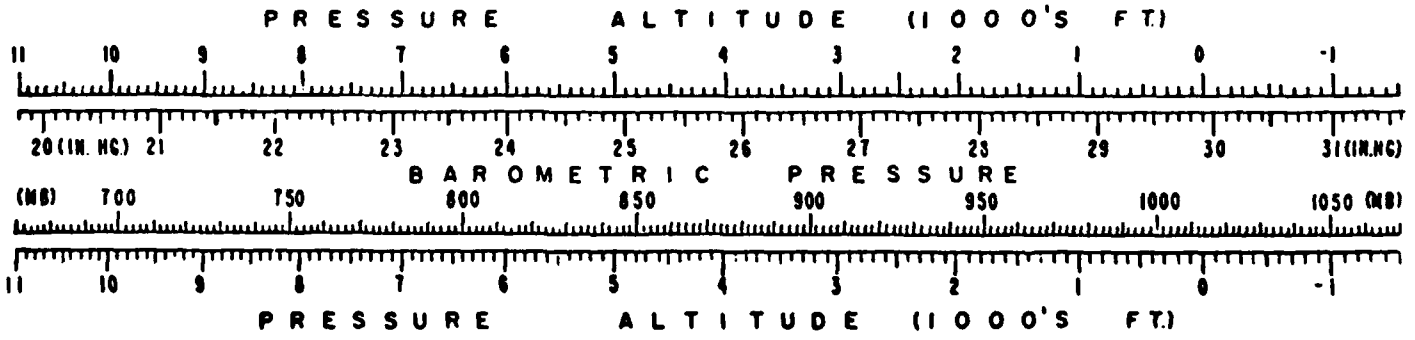
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

14742 BURLINGTON INTL VT 73-81

STATION STATION NAME YEARS

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	29.607	29.636	29.586	29.587	29.578	29.590	29.584	29.656	29.677	29.670	29.643	29.642	29.621
	S.D.	.323	.298	.281	.236	.170	.176	.162	.135	.188	.239	.280	.310	.243
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
04	MEAN	29.604	29.622	29.573	29.572	29.571	29.584	29.578	29.649	29.666	29.653	29.637	29.641	29.612
	S.D.	.328	.303	.284	.246	.174	.184	.150	.138	.192	.258	.281	.314	.248
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
07	MEAN	29.627	29.647	29.604	29.610	29.605	29.614	29.611	29.682	29.695	29.683	29.660	29.664	29.642
	S.D.	.330	.305	.286	.252	.181	.194	.158	.145	.196	.254	.284	.315	.251
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
10	MEAN	29.635	29.646	29.603	29.597	29.592	29.603	29.600	29.674	29.691	29.677	29.664	29.675	29.638
	S.D.	.341	.308	.289	.251	.177	.190	.153	.145	.195	.260	.283	.316	.253
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
13	MEAN	29.592	29.619	29.579	29.578	29.568	29.587	29.580	29.658	29.669	29.649	29.631	29.637	29.612
	S.D.	.342	.298	.285	.243	.173	.184	.158	.139	.195	.253	.275	.320	.249
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
16	MEAN	29.581	29.600	29.550	29.549	29.539	29.558	29.551	29.628	29.637	29.629	29.623	29.629	29.589
	S.D.	.339	.286	.275	.236	.162	.174	.144	.132	.192	.245	.269	.307	.241
	TOTAL OBS	247	226	248	240	248	240	248	248	240	248	240	248	2921
19	MEAN	29.607	29.632	29.581	29.567	29.556	29.572	29.566	29.642	29.658	29.656	29.654	29.656	29.612
	S.D.	.339	.289	.268	.244	.158	.173	.145	.129	.186	.244	.268	.308	.241
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
22	MEAN	29.609	29.630	29.580	29.585	29.567	29.582	29.579	29.655	29.666	29.656	29.645	29.642	29.616
	S.D.	.329	.290	.277	.232	.156	.172	.140	.128	.187	.252	.265	.310	.240
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
ALL HOURS	MEAN	29.608	29.629	29.582	29.580	29.572	29.586	29.581	29.655	29.670	29.659	29.645	29.648	29.618
	S.D.	.334	.297	.281	.243	.170	.182	.152	.137	.192	.251	.276	.312	.246
	TOTAL OBS	1983	1808	1984	1920	1982	1920	1984	1984	1920	1984	1920	1984	23373

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

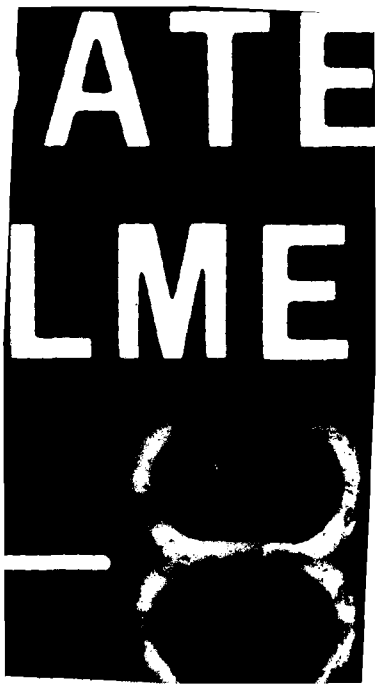
MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

14742 BURLINGTON INTL VT 73-81

STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ANNUAL
1	MEAN	1015.9	1016.6	1014.8	1014.6	1014.1	1014.4	1014.2	1016.7	1017.5	1017.2	1016.7	1016.9	1015.8
	S.D.	11.225	10.328	9.743	8.206	5.779	6.066	5.082	4.668	6.503	8.693	9.458	10.787	8.414
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
4	MEAN	1016.0	1016.5	1014.6	1014.4	1014.2	1014.5	1014.3	1016.7	1017.4	1017.1	1016.8	1017.1	1015.8
	S.D.	11.364	10.528	9.795	8.481	6.006	6.382	5.141	4.797	6.662	8.880	9.690	10.864	8.573
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
7	MEAN	1016.4	1017.0	1015.4	1015.3	1015.1	1015.3	1015.1	1017.5	1018.3	1017.8	1017.3	1017.6	1016.5
	S.D.	11.535	10.622	9.952	8.715	6.193	6.587	5.343	5.009	6.748	8.956	9.774	10.901	8.693
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
10	MEAN	1017.0	1017.4	1015.7	1015.3	1014.9	1015.2	1015.0	1017.6	1018.3	1018.0	1017.7	1018.3	1016.7
	S.D.	11.789	10.695	10.043	8.695	6.087	6.561	5.275	4.971	6.741	8.999	9.769	10.977	8.757
	TOTAL OBS	249	226	248	240	248	240	248	248	240	248	240	248	2922
13	MEAN	1015.2	1016.1	1014.5	1014.3	1013.8	1014.4	1014.1	1016.8	1017.3	1016.8	1016.4	1016.7	1015.5
	S.D.	11.822	10.278	9.766	8.408	5.919	6.268	5.167	4.801	6.741	8.719	9.589	10.896	8.565
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
16	MEAN	1015.2	1015.7	1013.8	1013.6	1013.1	1013.6	1013.3	1016.0	1016.4	1016.3	1016.3	1016.7	1015.0
	S.D.	11.716	9.914	9.485	8.153	5.604	6.011	4.983	4.589	6.668	8.465	9.258	10.611	8.350
	TOTAL OBS	247	226	248	240	248	240	248	248	240	248	240	248	2921
19	MEAN	1016.0	1016.6	1014.5	1014.2	1013.4	1013.9	1013.6	1016.2	1016.8	1017.0	1016.[illegible]	[illegible]	1015.5
	S.D.	11.538	9.926	9.354	7.891	5.470	5.881	4.836	4.461	6.471	8.432	9.126	10.[illegible]1	8.266
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
22	MEAN	1016.2	1016.8	1014.9	1014.8	1014.1	1014.5	1014.3	1016.9	1017.5	1017.3	1017.0	1017.2	1015.9
	S.D.	11.313	10.105	9.554	8.004	5.447	5.964	4.841	4.437	6.462	8.711	9.133	10.709	8.288
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
ALL HOURS	MEAN	1016.0	1016.6	1014.8	1014.6	1014.1	1014.5	1014.2	1016.8	1017.4	1017.2	1016.9	1017.2	1015.8
	S.D.	11.533	10.294	9.712	8.326	5.844	6.232	5.110	4.742	6.642	8.733	9.471	10.795	8.504
	TOTAL OBS	1983	1808	1984	1920	1982	1920	1984	1984	1920	1984	1920	1984	23373


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