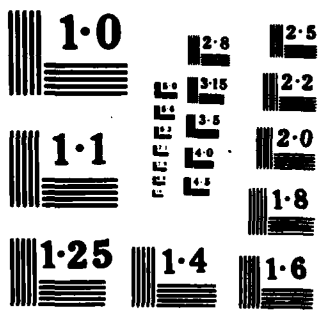
AD-A159 840 WATERTOWN NEW YORK REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. OCT 84 1/5

UNCLASSIFIED USAFETAC/DS-84/035 F/G 4/2 NL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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

WATERTOWN NY MSC # 726227
N 44 00 W 076 01 ELEV: 325 FT ART

PARTS A - F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 74 - DEC 83
SUMMARY OF DAY DATA: MAY 49 - DEC 54, SEP 62 - DEC 83

TIME CONVERSION GMT TO LST: -5

29 OCT 1984

DISTRIBUTION STATEMENT A
Approved for public release;
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Wayne E. McCollom

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Chief, Document Research Section
USAFETAC/LDX

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SECURITY CLASSIFICATION OF THIS PAGE

A159640

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2b. DECLASSIFICATION/DOWNGRADING SCHEDULE	
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FIELD	GROUP	SUB-GROUP	*climatology *weather Meteorological conditions
04	02		(continued over)

19. ABSTRACT (Continue on reverse if necessary and identify by block number)

A six-part statistical data summary of surface weather observation climatology for:
WATERTOWN NEW YORK.
Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs) for complete descriptions of contents and instructions for use.

20. DISTRIBUTION/AVAILABILITY OF ABSTRACT ☐ UNCLASSIFIED/UNLIMITED ☒ SAME AS RPT. ☐ DTIC USERS	21. ABSTRACT SECURITY CLASSIFICATION Unclassified	
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DD FORM 1473, 84 MAR 83 APR edition may be used until exhausted. All other editions are obsolete.

SECURITY CLASSIFICATION OF THIS PAGE

UNCLASSIFIED

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18. Subject terms cont.

winds preceipitation temperature visibility

barometric pressure relative humidity

sky cover psychrometric data ceiling

Revised Uniform Summary of Surface Weather Observations
RUSSWO

WATERTOWN NEW YORK

WATERTOWN APT

USNY 726227

UNCLASSIFIED

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

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 [illegible] summary of the day [illegible] (record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data [illegible] Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared [illegible] stations [illegible] and some foreign stations using similar reporting practices.

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC DRY VS WET BULB
MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY ____	APRIL ____	JULY ____	OCTOBER ____
FEBRUARY ____	MAY ____	AUGUST ____	NOVEMBER ____
MARCH ____	JUNE ____	SEPTEMBER ____	DECEMBER ____

STATION LOCATION AND INSTRUMENTATION HISTORY

AWS MSC NO.	NAME OF STATION	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
726227	Watertown Int'l Apt NY	N 44 00	W 076 01	325	ART	73500

CHG NO.	GEOGRAPHICAL LOCATION AND NAME	TYPE OF STATION	AT THIS LOCATION FROM	TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	HT BARO	OBS PER DAY
1	Watertown NY	SAWRS	24 May46	26 Feb48	N 44 00	W 076 01	325	NA	NA
2	Watertown Apt NY	CAA	27 Feb48	03May49	Same	W 076 01	Same	NA	24
3	Same	FAA FSS	04 May49	Oct 72	Same	Same	Same	332	24
4	Watertown Int'l Apt NY	FAA	Oct 72	Dec 83	Same	Same	Same	Same	24

CHG NO.	DATE OF CHANGE	SURFACE EQUIPMENT INFORMATION LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1	30 Apr58	Roof Adm Bldg	F430B		37 Ft	
2	15Jun60	On Field 1450' SE Adm Bldg	F420C		20 Ft	
3	Dec 73	Same	Same		Same	

AWS FORM 2
NOV 83

CHG NO.	DATE OF CHANGE	SURFACE EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	

81-72412

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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.

[illegible] AL C[illegible]MATOLOGY [illegible]ANCH
[illegible]
[illegible] T[illegible] SE[illegible]VICE/MAC

WEATHER CONDITIONS

STATION: [illegible]27 STATION NAME: [illegible]ERTOWN NY YEARS: [illegible] MONTH: [illegible]

PE[illegible]CENTAGE 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
[illegible]	[illegible]		5.3	.7	[illegible]6.1		[illegible]	[illegible]	.1	4.[illegible]		[illegible].7	[illegible]
	[illegible]		5.4	.8	29.4		34.[illegible]	[illegible].7		4.7		1[illegible].4	[illegible]
	[illegible]		[illegible].3	1.[illegible]	26.7		[illegible]	7.9	[illegible]	4.[illegible]		1[illegible]	93[illegible]
	[illegible]-11		[illegible]	.9	29.2		34.3	1[illegible].1	[illegible]	[illegible]		[illegible]	[illegible]
	1 -1[illegible]		4.9	.7	28.[illegible]		[illegible]2.2	1[illegible]	2.[illegible]	[illegible]		24.[illegible]	93[illegible]
	1 -1[illegible]		4.8	.9	27.[illegible]		32.[illegible]	14.5	1.7	[illegible]	.1	22.4	93[illegible]
	[illegible]		5.[illegible]	1.0	28.2		34.3	9.6	.6	6.5		1[illegible]	93[illegible]
	[illegible]1-2[illegible]		4.3	.6	27.8		32.3	6.0	.4	4.1		1[illegible]	93[illegible]
TOTALS			[illegible].2	.7	28.1		[illegible]3.3	1[illegible].4	1.[illegible]	[illegible].2	.[illegible]	1[illegible]	744[illegible]

WEATHER CONDITIONS

[illegible]
[illegible]
[illegible]

STATION	STATION NAME	YEARS	MONTH
[illegible]27	ATERTON [illegible].Y	74-8[illegible]	FE[illegible]

[illegible]ATAL FREQU[illegible]CY OF OCCURRENCE OF WEATHE[illegible]
C[illegible]DITIONS 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.
[illegible]	[illegible]		[illegible]	.4	19.[illegible]		24.[illegible]	6.9	.[illegible]	1.7		7.[illegible]	[illegible]
	[illegible]		4.7	.4	21.7		26.5	[illegible]	.5	2.5		11.	[illegible]
	[illegible]		[illegible].3	.7	23.3		[illegible].3	14.2	1.[illegible]	1.9		17.[illegible]	845
	[illegible]-11		4.[illegible]	.1	19.[illegible]		23.6	15.2	4.4	2.[illegible]		24.[illegible]	[illegible]
	1[illegible]-14		4.6		17.5		21.9	12.9	[illegible]	2.[illegible]		[illegible]	[illegible]
	1[illegible]-17		[illegible].1	.6	13.[illegible]		19.5	1[illegible].5	5.1	2.8		1[illegible].	[illegible]
	1[illegible]-2[illegible]		5.2	.5	14.6		[illegible].2	7.8	3.[illegible]	2.6		13.[illegible]	[illegible]
	[illegible]1-23		[illegible]	.2	15.6		21.5	6.3	.6	3.[illegible]		1[illegible].4	[illegible]
TOTALS			[illegible].2	.4	1[illegible].1		23.3	1[illegible].6	2.7	2.6		15.[illegible]	676[illegible]

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
727	WATERTOWN NY	74-83	MAR

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		6.9	.8	12.4		21.6	11.3	.5	.4		12.3	928
	03-05	.1	7.1	.8	14.5		21.8	11.2	.5	.4		12.3	927
	06-08		7.8	1.0	13.2		21.5	19.2	2.0	.3		21.3	930
	09-11		8.1	.6	12.3		20.3	16.4	3.7	.6		21.3	930
	12-14		9.1	.3	10.8		19.6	15.9	3.2	.4		18.9	930
	15-17		10.1	.2	10.9		20.4	15.4	3.6	.6		19.4	930
	18-20	.2	11.4	.6	11.3		22.4	14.6	2.7	.6		17.0	930
	21-23	.1	11.7	.4	11.2		22.4	10.3	1.1	.5		11.9	930
TOTALS		.1	9.3	.6	12.1		21.3	14.5	2.2	.5		16.9	7435

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
227	ATERTOWN NY	74-83	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	.7	12.9		5.1		17.8	4.7	.3	.3		5.5	898
	03-05		13.4	.2	5.8		18.8	7.5	.6	.3		8.4	897
	06-08		12.8		5.0		17.5	16.6	1.4	.9		18.7	897
	09-11	.2	11.6		4.6	.1	16.1	13.9	2.4	1.3		17.4	900
	12-14	.1	11.6		4.1		15.7	12.7	2.8	.8		16.1	900
	15-17	.2	10.7		4.0		14.3	10.9	2.7	.4		14.0	900
	18-20	.7	11.4		3.6		14.6	8.7	1.9	.4		11.0	900
	21-23	.3	11.1		5.3		15.9	5.9	.3	.8		7.0	900
TOTALS		.3	11.9	.0	4.7	.0	16.3	10.1	1.6	.7		12.2	7192

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WEATHER CONDITIONS

[illegible]227	WATERTOWN NY	74-83	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	.2	9.5		.0		10.0	11.8	2.5			14.0	931
	03-05	.3	10.7		.2		11.9	20.0	5.5			22.5	860
	06-08	.3	10.2				10.2	21.8	7.1			26.6	927
	09-11	.2	11.0		.1		11.1	12.4	9.6			20.6	930
	12-14	.1	10.4		.1		10.5	8.5	10.5			18.5	930
	15-17	.9	11.8		.1		11.9	7.2	10.2			17.0	930
	18-20	.2	10.3				10.3	8.4	9.6			16.5	930
	21-23	.6	8.4		.1		8.5	9.9	5.4			15.1	869
TOTALS		.4	10.3		.1		10.4	12.5	7.4			18.9	7367

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]7	ATERTOWN NY	74-83	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.2	6.3				6.3	11.0	7.9			17.[illegible]	903
	03-05	.7	6.4				6.4	19.8	10.0			26.[illegible]	836
	06-08	.2	8.6				8.6	20.4	16.2			32.7	900
	09-11	.1	9.0				9.0	12.4	20.3			30.4	900
	12-14	.6	7.2				7.2	7.4	23.1			28.9	900
	15-17	.9	8.6				8.6	7.5	22.1			28.7	899
	18-20	1.6	8.0				8.0	8.1	18.2			25.1	900
	21-23	.6	8.5				8.5	11.1	10.7			20.[illegible]	840
TOTALS		.[illegible]	8.1				8.1	12.2	16.1			26.[illegible]	6985

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
727	WATERTOWN NY	74-83	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	1.0	3.8				3.8	12.7	12.7			22.2	937
	03-05	.8	5.5				5.5	19.0	15.7			20.3	868
	06-08	.3	4.1				4.1	17.2	25.2			32.9	930
	09-11	1.0	4.5				4.5	7.7	25.3			31.3	930
	12-14	.3	4.0				4.0	4.3	25.7			29.6	930
	15-17	1.2	6.3				6.3	3.2	26.2			29.0	930
	18-20	1.2	5.6				5.6	5.8	22.7			27.4	930
	21-23	1.3	5.8				5.8	7.6	18.1			23.8	969
TOTALS		.9	5.0				5.0	9.7	20.6			26.0	7224

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WEATHER CONDITIONS

727	WATERTOWN NY	74-83	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.6	6.0				6.0	15.4	12.0			25.1	930
	03-05	1.4	7.7				7.7	22.3	12.0			29.0	930
	06-08	.9	6.5				6.5	28.4	19.6			39.0	930
	09-11	1.2	6.3				6.3	12.0	22.5			30.9	930
	12-14	.5	6.0				6.0	5.3	23.8			28.[illegible]	930
	15-17	.6	4.8				4.8	5.3	22.4			26.7	930
	18-20	1.7	5.8				5.8	6.2	21.0			24.9	930
	21-23	1.2	6.2				6.2	10.9	15.1			22.0	930
TOTALS		1.2	6.2				6.2	13.2	18.6			28.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]027	WATERTOWN NY	74-83	SEP

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	.8	8.8				8.8	14.0	4.3			17.[illegible]	894
	03-05	.9	10.2				10.2	16.9	3.5			19.1	894
	06-08	.7	10.8			.1	10.8	25.3	9.2			30.[illegible]	898
	09-11	.6	9.4				9.4	13.1	12.6			23.6	900
	12-14	.4	11.0				11.0	10.2	14.6			23.7	900
	15-17	.6	11.4				11.4	9.7	14.3			23.[illegible]	900
	18-20	.7	9.0				9.0	10.7	12.6			20.9	900
	21-23	.6	8.6				8.6	11.2	7.6			16.[illegible]	900
TOTALS		.7	9.9			.0	9.9	13.9	9.9			21.[illegible]	7166

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

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]27	ATTERTOWN NY	74-83	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.3	13.3		.6		13.4	9.4	.4			9.[illegible]	93[illegible]
	03-05	.1	13.3		.5		13.2	11.1	.3			11.4	930
	06-08	.2	13.4		.3		13.5	19.4	2.3			20.5	930
	09-11		14.2		.4		14.6	14.8	4.4			18.8	930
	12-14	.1	13.1		.5		13.4	10.4	5.9			15.4	93[illegible]
	15-17	.2	11.3		.[illegible]		11.6	9.8	4.5			14.[illegible]	930
	18-20	.5	11.6		1.2		12.6	9.7	3.0			12.6	930
	21-23	.5	13.[illegible]		.6		13.5	9.7	.5			13.2	930
TOTALS		.2	12.9		.5		13.2	11.8	2.7			14.[illegible]	744[illegible]

AL CLIMATOLOGY BRANCH
TAC
ATION SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
727	TERTOWN NY	74-63	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	00-02	.1	14.3	.3	7.9	.1	22.2	12.0		.1		12.1	900
	03-05		13.3	.3	9.5		23.0	14.1	.2			14.1	900
	06-08		13.0	.2	6.8		19.5	18.6	1.3	.2		19.9	900
	09-11		12.3		7.6		19.7	20.0	4.1	.7		23.5	900
	12-14	.1	13.7		6.9		20.1	14.9	4.2	.6		18.7	900
	15-17		13.6	.1	5.6		18.9	15.1	5.3	.7		21.2	900
	18-20		15.6	.1	6.3		21.6	12.3	2.2	.3		14.2	900
	21-23	.1	15.9	.1	7.6		23.3	11.4	.4	.4		12.1	900
TOTALS		.[illegible]	14.[illegible]	.1	7.3	.0	21.1	14.9	2.2	.4		17.0	72[illegible]

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

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

WEATHER CONDITIONS

[illegible]7	ALLENTOWN NY	74-83	[illegible]
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.
[illegible]	[illegible]		[illegible]	1.0	22.[illegible]		[illegible].4	[illegible].4	.[illegible]	1.[illegible]		10.1	93[illegible]
	[illegible]		7.1	.[illegible]	22.[illegible]		29.7	[illegible].4		2.4		1[illegible]	93[illegible]
	[illegible]		[illegible].5	1.3	21.[illegible]		30.9	12.6	.[illegible]	3.[illegible]		15.9	93[illegible]
	[illegible]-11		[illegible].0	1.[illegible]	23.[illegible]		31.3	15.9	1.3	3.1		20.1	93[illegible]
	1[illegible]-14		5.3	.4	22.[illegible]		30.3	15.2	1.[illegible]	[illegible].3		19.7	93[illegible]
	1[illegible]-17		7.7	.4	20.2		28.2	16.6	2.7	3.[illegible]		21.5	93[illegible]
	1[illegible]-2[illegible]		6.7	1.1	22.2		29.5	10.7	.3	2.[illegible]		13.1	92[illegible]
	[illegible]1-23		8.8	1.4	19.4		29.1	8.6	.5	2.[illegible]		10.9	927
TOTALS			[illegible]	.7	21.[illegible]		29.9	12.1	.9	2.6		15.3	7435

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ETAC
WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
727	WATERTOWN NY	74-83	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		5.2	.7	28.1		35.3	13.4	1.1	5.2	.0	19.[illegible]	744[illegible]
FEB			5.2	.4	16.1		23.3	15.6	2.7	2.6		19.[illegible]	6768
MAR		.1	9.3	.6	12.1		21.3	14.5	2.2	.[illegible]		16.[illegible]	7435
APR		.3	11.9	.0	4.7	.0	16.3	1[illegible].1	1.[illegible]	.7		12.2	7192
MAY		.4	10.3		.1		10.4	12.5	7.4			13.9	72[illegible]7
JUN		.[illegible]	8.1				[illegible].1	12.2	15.1			[illegible].3	6965
JUL		.7	5.8				5.[illegible]	9.7	[illegible]			[illegible]	7224
AUG		1.2	6.2				6.2	13.2	1[illegible]			28.4	744[illegible]
SEP		.7	9.9			.0	9.9	13.9	9.9			21.[illegible]	7186
OCT		.2	12.9		.5		13.2	11.8	2.7			14.[illegible]	744[illegible]
NOV		.[illegible]	14.0	.1	7.3	.0	21.1	14.9	2.2	.4		17.[illegible]	72[illegible]
DEC			8.0	.9	21.6		29.9	12.1	.9	2.6		15.3	743[illegible]
TOTALS		.4	[illegible].8	.2	7.7	.0	16.5	12.2	7.2	1.0	.0	19.3	8695[illegible]

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

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.

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

[illegible] VARIOUS ATMOSPHERIC [illegible]
[illegible] AILY [illegible]

MONTH	HOURS	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.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	51.7		[illegible]	34.7	[illegible]	11.7		[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	45.1	.1	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
		[illegible]	[illegible]	.3	15.7	.3	[illegible]	33.2	[illegible]	[illegible]		[illegible]	771
		7.4	[illegible]		1.7	.3	51.1	[illegible]	[illegible]			[illegible]	[illegible]
		[illegible]	[illegible]				[illegible]	34.9	[illegible]			[illegible]	[illegible]
[illegible]		[illegible]	[illegible]				[illegible]	34.1	[illegible]			[illegible]	[illegible]
		[illegible]	[illegible]			.5	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
		11.4	47.4			.7	47.4	[illegible]	[illegible]			[illegible]	[illegible]
		[illegible]	[illegible]		4.7	.6	[illegible]	33.6	14.4			[illegible]	[illegible]
		[illegible]	[illegible]	2.1	32.9	.4	72.3	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	34.5	[illegible]	65.6	.2	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
TOTALS		.7	[illegible]	2.1	[illegible]	.3	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]

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APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

726227 — STATION; WATERTOWN NY — STATION NAME; 49-54, 62-83 — 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	21.2	29.9	4.7	15.0	10.2	11.2	5.3	2.1	.4					48.9	806	2.14	4.82	.51
FEB	25.9	32.2	4.1	12.5	7.2	7.8	4.4	2.3	.7					39.0	734	1.80	5.48	.25
MAR	36.0	24.1	3.2	13.3	6.0	8.3	6.7	1.7	.7					40.0	806	2.10	3.60	.15
APR	44.9	18.2	2.9	9.7	6.0	9.2	5.4	3.2	.4					36.9	780	2.11	4.39	.77
MAY	50.8	15.9	.9	9.2	4.7	8.8	5.9	2.5	1.2					33.3	803	2.37	5.54	.70
JUN	52.4	16.3	2.3	8.3	3.8	6.4	5.8	3.3	1.3					31.3	780	2.31	6.22	.33
JUL	60.0	15.0	1.9	5.7	4.1	5.3	4.0	3.1	.9					24.9	806	1.92	3.71	.30
AUG	56.9	13.9	3.3	5.5	2.5	6.2	5.7	3.1	2.7	.1				29.3	837	3.09	7.70	.90
SEP	54.4	14.4	2.4	5.2	3.2	7.3	5.7	4.8	2.5	.1				31.2	840	3.34	7.42	.85
OCT	50.2	15.4	2.4	7.3	6.1	9.0	5.4	3.1	1.0					34.3	868	2.39	4.73	.19
NOV	29.4	24.0	4.8	10.7	7.4	11.7	7.0	3.9	.8	.2				46.5	840	3.06	7.17	1.08
DEC	17.8	29.8	5.5	12.8	10.0	13.4	5.8	4.0	.9					52.5	867	2.85	6.50	.32
ANNUAL	41.9	20.8	3.2	9.6	5.9	8.7	5.6	3.1	1.1	.0				37.3	9767	29.48		

USAFETAC FORM 0-15-5 (OL A) OCT 78 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

726227 WATERTOWN NY — STATION / STATION NAME

49-54, 62-83 — YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV.	DEC	ALL MONTHS
49				*	.34	.30	.61	1.09	.66	.42	.45	.65	
50	.29	1.65	1.64	.70	.36	.62	1.22	.87	1.30	1.08	2.90	.89	2.90
51	.43	.65	.45	.60	.46	1.01	.84	1.40	.47	.56	1.25*	.91	1.40
52	.27	.71	.48	.72	1.58	.34	1.12	.31	1.10	1.16	.30	1.40	1.58
53	.40	.37	.83	.33	1.12	.13	.25	83	2.06	.63	.58	.59	2.06
54	.55	2.12	.66	.98	1.70	1.13	.28	1.27	1.09	.72	.75	.73	2.12
62									1.05	1.14	.45	.86	
63	1.14	.20	1.11	.82	.65	.24	.19	1.76	.53	.11	2.97	.78	2.97
64	.77	.39	1.02	.48	1.10	.38	.59	1.72	.29	.31	.54	.59	1.72
65	.60	.70	.38	.66	.19	.80	.90	.90	.50	.84	.75	.29	.90
66	1.50	1.00	.74	.19	.48	.43	.28	1.10	1.15	.28	.45	.56	1.50
67	.42	.28	.03	.58	1.23	.63	.66	1.10	1.08	1.24	1.22	.55	1.24
68	.24	.14	.63	.31	.78	.61	.24	.60	1.13	.44	.86	1.84	1.84
69	.54	.17	.38	.53	.74	.87	.31	.72	.80	.43	.50	.61	.87
70	.77	1.04	.81	1.00	.90	1.67	.75	.52	.67	.67	.93	1.34	1.67
71	.66	1.32	1.85	.38	.82	.60	.97	2.15	.85	.41	.58	.58	2.15
72	.50	1.15	.46	.20	.32	1.02	1.03	1.05	.92	1.38	2.03	.46	2.03
73	.17	.43	.18	1.01	.47	.18	.25	.37	1.87	.52	.92	1.18	1.87
74	.15	.36	.43	.27	.21	.22	.84	.57	.86	.47	.84	1.00	1.00
75	.61	.68	.70	1.27	.42	1.15	1.12	1.18	2.31	.47	.57	1.17	2.31
76	.45	.39	1.02	.74	1.64	1.12	.84	1.60	1.20	1.26	.39	1.06	1.64
77	.92	.33	1.29	.88	.71	.49	.45	2.28	1.60	.90	1.39	.78	2.28
78	.94	.12	.92	.55	.56	.71	.47	1.10	2.43	.93	.37	.60	2.43
79	.74	.40	.20	.44	1.13	.78	1.84	1.32	2.53	.86	1.85	.09	2.53
80	.40	.27	.35	.96	.62	.69	.96	1.27	1.27	1.73	.88	.49	1.73
81	.14	.72	.39	1.05	1.20	1.42	1.81	4.09	1.71	1.09	.48	.38	4.09
82	1.03	.53	.27	.34	.95	1.80	1.03	1.85	1.02	1.08	1.42	.39	1.85
83	.26	.40	.45	.96				.97	1.22	.63	.52	1.62	
MEAN	.573	.635	.680	.652	.814	.744	.763	1.259	1.203	.777	.969	.796	1.970
S.D.	.334	.489	.442	.300	.435	.447	.448	.758	.595	.389	.708	.416	.714
TOTAL OBS	806	734	806	780	803	780	806	837	840	868	840	867	9767

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
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EXTREME VALUES
MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

725227 STATION — WATERTOWN NY STATION NAME — 49-54, 62-83 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
49					* 1.14	.57	1.07	3.45	2.54	1.43	2.45	2.21	
50	1.70	2.76	3.27	1.34	1.33	1.47	3.48	2.35	2.97	2.67	4.52	3.02	30.88
51	2.21	2.66	2.64	2.98	1.09	4.06	2.28	3.58	1.84	1.27	3.43*	4.16	*32.20
52	1.68	2.10	1.18	1.47	3.74	.90	3.38	1.10	4.24	3.18	1.27	2.90	27.14
53	1.90	1.28	2.17	1.29	5.42	.53	.79	2.01	4.97	.87	1.40	3.13	25.76
54	2.53	4.75	2.34	2.63	2.41	3.74	.89	3.16	2.85	2.93	3.13	4.12	35.48
62									3.22	2.21	1.08	2.55	
63	4.50	.65	2.44	2.12	1.58	.65	.30	4.71	1.25	.19	7.17	3.40	28.96
64	1.70	.74	3.49	2.26	2.82	.55	1.82	3.58	.85	1.73	1.73	2.26	23.53
65	2.24	2.35	1.63	1.77	.70	1.71	1.80	3.47	2.19	3.17	2.69	1.66	25.38
66	3.15	2.06	2.19	.77	.99	1.91	.62	3.72	3.14	.54	1.78	2.65	23.52
67	1.37	.61	.15	2.28	3.21	1.45	1.41	2.62	2.97	3.34	4.17	1.87	25.45
68	1.31	.78	2.40	.84	2.92	2.96	.74	1.83	2.43	1.95	5.26	4.53	27.95
69	2.41	.61	1.30	2.27	2.46	2.68	.50	1.12	1.12	1.51	2.33	2.53	20.84
70	2.11	2.27	2.08	1.91	2.08	3.59	2.48	.90	2.01	2.82	3.91	3.22	29.38
71	1.38	5.48	3.24	.97	2.43	1.87	3.24	3.32	2.52	1.20	2.24	2.33	30.22
72	1.51	2.82	1.39	1.01	1.08	3.16	3.61	2.45	1.96	3.03	3.29	2.69	28.00
73	.67	1.26	.36	4.39	2.78	.33	.46	.92	3.43	1.67	2.97	3.95	23.19
74	1.51	.71	1.70	.83	.90	.62	1.46	2.03	2.67	1.25	3.29	2.97	19.94
75	2.16	2.37	3.31	1.90	1.45	4.14	3.18	2.19	7.42	2.55	2.00	3.54	36.21
76	2.14	1.45	3.60	2.28	5.54	5.21	3.39	3.26	4.51	3.89	1.21	1.82	38.30
77	2.17	.55	3.41	2.96	1.65	1.67	1.44	5.46	5.19	3.12	6.11	4.67	38.40
78	4.62	.25	2.33	2.11	1.54	2.46	1.30	3.87	4.25	3.06	1.45	2.95	30.19
79	4.82	.86	.82	2.32	3.85	1.95	2.04	5.24	4.15	3.19	4.35	.32	33.91
80	1.09	1.01	2.69	3.99	.88	2.39	3.71	1.89	5.39	4.73	3.69	2.17	33.63
81	.51	2.85	.78	3.12	2.87	3.36	3.27	7.70	6.88	4.06	1.30	1.39	38.09
82	3.21	2.18	1.69	1.35	3.52	6.22	1.36	4.46	3.47	2.41	4.46	1.57	35.90
83	1.04	1.30	2.11	3.72				2.93	3.09	2.97	3.08	6.50	
MEAN	2.140	1.797	2.104	2.111	2.370	2.313	1.924	3.086	3.340	2.391	3.063	2.849	29.594
S.D.	1.127	1.282	.975	.985	1.332	1.546	1.144	1.551	1.600	1.106	1.547	1.220	5.622
TOTAL OBS	806	734	806	780	803	780	806	837	840	868	840	867	9767

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
SNOWFALL
(FROM DAILY OBSERVATIONS)

726227	WATERTOWN NY	49-54, 62-83
STATION	STATION NAME	YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
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			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	30.9	33.7	8.3	13.2	5.5	2.5	1.9	1.4	2.0	.1	.6			35.4	806	23.6	91.1	3.3
FEB	37.7	36.1	6.7	9.5	4.4	1.6	1.4	1.2	1.0	.3	.1			26.2	734	13.7	44.4	2.6
MAR	54.0	27.3	6.0	6.9	1.9	1.5	1.1	.9	.1	.2	.1			18.7	806	9.4	33.4	TRACE
APR	84.0	11.4	1.4	1.8	1.0	.3		.1						4.6	780	1.6	8.5	.0
MAY	98.4	1.4		.2										.2	803	.1	1.1	.0
JUN	100.0														780	.0	.0	.0
JUL	100.0														806	.0	.0	.0
AUG	100.0														837	.0	.0	.0
SEP	100.0														840	.0	.0	.0
OCT	95.3	4.3	.1	.1	.1		.1							.5	868	.3	4.2	.0
NOV	66.7	22.0	2.9	4.4	1.7	1.2	.4	.2	.5	.1				11.3	840	5.8	25.5	TRACE
DEC	32.8	35.4	5.5	12.0	5.3	3.3	2.2	1.7	.9	.5	.3			31.8	867	21.5	75.7	2.9
ANNUAL	75.0	14.3	2.6	4.0	1.7	.9	.6	.5	.4	.1	.1			10.7	9767	76.0		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS

72s227 STATION — WATERTOWN NY STATION NAME — 49-54, 62-83 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49				*	.0	.0	.0	.0	.0	.0	2.2	3.2	
50	3.2	3.9	6.5	.2	.0	.0	.0	.0	.0	.0	4.0	6.2	6.5
51	4.1	6.6	2.3	TRACE	.0	.0	.0	.0	.0	.0	3.0*	7.4	* 7.4
52	2.5	7.3	.4	TRACE	.0	.0	.0	.0	.0	TRACE	2.5	1.8	7.3
53	4.2	3.7	.2	.1	.0	.0	.0	.0	.0	TRACE	1.0	3.4	4.2
54	5.0	7.3	4.7	1.2	.0	.0	.0	.0	.0	TRACE	3.0	4.0	7.3
62									.0	TRACE	3.0	23.0	
63	10.0	5.0	3.0	TRACE	1.1	.0	.0	.0	.0	.0	2.0	6.0	10.0
64	2.0	2.0	6.0	1.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.0	6.0
65	3.5	6.0	3.8	1.0	.0	.0	.0	.0	.0	TRACE	4.0	5.0	6.0
66	21.0	1.5	6.0	1.0	TRACE	.0	.0	.0	.0	TRACE	TRACE	10.0	21.0
67	9.5	5.0	.5	.2	TRACE	.0	.0	.0	.0	.0	10.0	11.0	11.0
68	1.0	4.0	6.0	.0	.0	.0	.0	.0	.0	TRACE	8.4	2.0	8.4
69	5.0	2.0	1.8	3.0	.0	.0	.0	.0	.0	4.2	2.0	3.0	5.0
70	18.0	3.0	2.9	2.2	TRACE	.0	.0	.0	.0	TRACE	3.0	13.4	18.0
71	9.0	13.2	21.0	.4	.0	.0	.0	.0	.0	.0	11.3	3.8	21.0
72	4.0	19.0	5.0	2.0	.0	.0	.0	.0	.0	2.0	4.0	8.0	19.0
73	4.0	8.0	2.1	1.0	.0	.0	.0	.0	.0	.0	.1	6.0	8.0
74	5.0	3.6	6.0	.4	.0	.0	.0	.0	.0	TRACE	1.6	5.2	6.0
75	10.0	3.5	4.0	5.0	.0	.0	.0	.0	.0	.0	1.4	5.2	10.0
76	5.0	3.5	11.0	TRACE	TRACE	.0	.0	.0	.0	.1	10.0	4.0	11.0
77	17.0	1.3	12.0	1.5	1.0	.0	.0	.0	.0	.0	1.4	16.2	17.0
78	8.0	3.5	3.7	TRACE	TRACE	.0	.0	.0	.0	TRACE	2.4	11.8	11.8
79	9.0	2.0	TRACE	2.5	.0	.0	.0	.0	.0	TRACE	3.0	1.0	9.0
80	3.0	5.0	4.0	.2	.0	.0	.0	.0	.0	TRACE	3.0	4.2	5.0
81	4.0	15.0	1.0	TRACE	.0	.0	.0	.0	.0	.0	1.3	3.0	15.0
82	9.0	5.0	2.5	2.4	.0	.0	.0	.0	.0	.0	1.8	2.0	9.0
83	1.0	5.0	1.3	2.4				.0	.0	TRACE	3.0	18.0	
MEAN	6.81	5.57	4.53	1.07	.08	.00	.00	.00	.00	.23	3.30	6.79	10.52
S D	5.186	4.230	4.501	1.253	.291	.000	.000	.000	.000	.866	2.991	5.506	5.220
TOTAL OBS	806	734	806	780	803	780	806	837	840	868	840	867	9767

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GL RAL CLIMATOLOGY BRANCH
SAFETAC
A WEAT ER SERVICE/MAC

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

726227 STATION WATERTOWN NY STATION NAME 49-54, 62-83 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49				*	.0	.0	.0	.0	.0	.0	5.7	11.2	
50	10.7	12.9	13.1	.4	.0	.0	.0	.0	.0	.0	8.5	31.3	76.9
51	11.9	11.1	4.5	TRACE	.0	.0	.0	.0	.0	.0	9.3*	28.3	* 65.1
52	7.7	17.1	1.3	TRACE	.0	.0	.0	.0	.0	TRACE	4.7	8.4	39.2
53	13.2	9.2	.3	.1	.0	.0	.0	.0	.0	TRACE	1.0	8.1	31.9
54	19.0	18.7	10.6	1.6	.0	.0	.0	.0	.0	TRACE	4.0	16.7	70.6
62									.0	TRACE	3.3	43.8	
63	52.7	14.5	10.7	TRACE	1.1	.0	.0	.0	.0	.0	2.0	30.6	111.6
64	6.8	5.2	10.3	1.0	.0	.0	.0	.0	.0	TRACE	TRACE	10.7	34.0
65	20.2	13.6	11.5	1.0	.0	.0	.0	.0	.0	TRACE	8.6	7.1	62.0
66	49.2	2.6	10.4	1.0	TRACE	.0	.0	.0	.0	TRACE	TRACE	27.3	90.5
67	21.9	12.7	1.0	.2	TRACE	.0	.0	.0	.0	.0	15.1	14.1	65.0
68	7.0	9.5	9.6	.0	.0	.0	.0	.0	.0	TRACE	15.7	8.7	50.5
69	13.6	8.8	3.9	4.0	.0	.0	.0	.0	.0	4.2	5.9	17.1	57.5
70	35.9	11.8	6.2	2.2	TRACE	.0	.0	.0	.0	TRACE	3.5	38.2	97.8
71	22.7	44.4	33.4	.4	.0	.0	.0	.0	.0	.0	13.9	6.3	121.1
72	15.0	29.0	10.6	2.7	.0	.0	.0	.0	.0	3.0	6.8	28.9	96.0
73	14.1	14.1	3.1	1.0	.0	.0	.0	.0	.0	.0	.1	25.2	57.6
74	18.8	5.8	15.1	.4	.0	.0	.0	.0	.0	TRACE	2.9	14.1	57.1
75	17.2	19.3	10.0	8.5	.0	.0	.0	.0	.0	.0	1.4	13.7	70.1
76	23.1	5.2	17.2	TRACE	TRACE	.0	.0	.0	.0	.1	25.5	17.0	88.1
77	91.1	4.0	22.3	2.5	1.0	.0	.0	.0	.0	.0	3.6	63.1	187.6
78	41.1	6.6	9.5	TRACE	TRACE	.0	.0	.0	.0	TRACE	2.4	21.6	81.2
79	39.8	8.5	TRACE	5.1	.0	.0	.0	.0	.0	TRACE	3.0	2.5	58.9
80	11.0	18.5	14.3	.2	.0	.0	.0	.0	.0	TRACE	6.2	20.5	70.7
81	11.4	24.3	5.2	TRACE	.0	.0	.0	.0	.0	.0	1.3	12.9	55.1
82	35.0	21.4	8.4	3.0	.0	.0	.0	.0	.0	.0	2.2	5.0	75.0
83	3.3	6.2	2.1	6.6				.0	.0	TRACE	6.8	75.7	
MEAN	23.59	13.65	9.41	1.61	.08	.00	.00	.00	.00	.26	5.84	21.47	75.25
S D	19.199	9.103	7.398	2.234	.291	.000	.000	.000	.000	.957	5.793	17.368	32.898
TOTAL OBS	806	734	806	780	803	780	806	837	840	868	840	867	9767

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)

726227 — STATION
WATERTOWN NY — STATION NAME
52-54, 62-83 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR-ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	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	16.5	1.5	6.3	7.2	6.3	17.5	23.7	15.0	4.5	.3	1.0	.1		81.9	713			
FEB	17.7	2.5	[illegible].9	8.9	5.7	17.1	16.0	13.9	3.2	.2	5.7	.2		79.8	649			
MAR	51.5	3.2	8.6	4.1	7.9	12.9	5.8	2.9	.8	1.7	.7			45.3	713			
APR	92.0	1.2	3.6	1.4	.9	.9								6.8	690			
MAY	100.0														682			
JUN	100.0														660			
JUL	100.0														713			
AUG	100.0														744			
SEP	100.0														750			
OCT	99.6			.4										.4	775			
NOV	86.4	1.3	5.1	3.5	1.6	1.1	1.1							12.3	750			
DEC	34.6	2.7	13.3	9.5	6.6	15.1	9.5	6.7	1.7	.5				62.7	775			
ANNUAL	74.9	1.0	3.8	2.9	2.4	5.4	4.7	3.2	.8	.2	.6	.0		24.1	8614			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

726227 STATION WATERTOWN NY STATION NAME 52-54, 62-83 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
52							0	0	0	0	3	3	
53	9	5	TRACE	TRACE	0	0	0	0	0	0	1	3	9
54	7	8	4	3	0	0	0	0	0	0	3	7	8
62									0	0	3	38	
63	57	58	53	0	0	0	0	0	0	0	2	21	58
64	22	5	7	1	0	0	0	0	0	0	0	5	22
65	9	24	6	3	0	0	0	0	0	0	4	5	24
66	32	32	6	1	0	0	0	0	0	0	0	14	32
67	15	8	5	TRACE	0	0	0	0	0	0	12	13	15
68	12	8	7	0	0	0	0	0	0	0	9	7	12
69	15	4	4	1	0	0	0	0	0	2	1	8	15
70	32	14	6	1	0	0	0	0	0	0	3	16	32
71	22	34	31	2	0	0	0	0	0	0	8	7	34
72	4	22	16	2	0	0	0	0	0	2	3	10	22
73	6	10	5	1	0	0	0	0	0	0	0	10	10
74	14	4	6	2	0	0	0	0	0	0	2	6	14
75	13	10	5	5	0	0	0	0	0	0	1	10	13
76	16	9	11	0	0	0	0	0	0	0	11	16	16
77	62	69	11	1	0	0	0	0	0	0	2	30	69
78	31	19	17	1	0	0	0	0	0	0	2	14	31
79	20	13	5	3	0	0	0	0	0	0	1	3	20
80	4	11	7	0	0	0	0	0	0	0	3	9	11
81	13	18	1	0	0	0	0	0	0	0	1	5	18
82	19	21	7	2	0	0	0	0	0	0	1	2	21
83	2	6	1	4				0	0	0	1	29	
MEAN	19.0	17.9	9.6	1.4	.0	.0	.0	.0	.0	.2	3.1	11.6	23.0
S.D	15.423	16.771	11.496	1.409	.000	.000	.000	.000	.000	.554	3.328	9.233	15.341
TOTAL OBS	713	649	713	690	682	660	713	744	750	775	750	775	8614

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: DATA NOT AVAILABLE 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 means and standard deviations do not include measurements from incomplete months.

C

L TAL CLIMATOLOGY BRANCH
ETAC
A. EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] 227 | STATION NAME: WATERTOWN, NY | YEARS: 74-83 | MONTH: JAN

CLASS: ALL WEATHER | HOURS (L.S.T.): 0000-0230

CONDITION:

SPEED (KNTS) DIR.	1 - 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	1.6	2.8	1.8								6.5	9.0
NNE		1.1	1.5	.6	.1							3.3	8.4
NE		1.4	2.3	2.8	.8							7.2	10.7
ENE	.3	5.1	3.5	1.5								10.4	7.2
E	.5	2.9	1.3	.1								4.5	5.7
ESE	.2	.9	.1									1.1	4.5
SE	.3	.4	.3	.2								1.1	6.6
SSE	.3	1.2	.4	.9	.2							3.0	8.6
S	.3	2.0	4.3	4.6	1.8	.4						13.7	11.2
SSW		1.4	.6	1.4	.2	.2						3.9	10.5
SW	.1	.5	1.3	1.9	.8	.4						5.5	12.4
WSW	.1	.6	2.3	2.8	1.1	.2						7.1	12.3
W	.1	1.2	4.1	4.4	2.2	.5						12.5	12.5
WNW	.1	.2	1.7	2.2	.2							4.6	10.9
NW		.9	1.3	.4								2.6	8.0
NNW	.1	.3	.4	.2	.1							1.2	9.0
VARBL													
CALM												11.9	
	3.1	21.6	28.3	25.8	7.4	1.8						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

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)

[illegible] 7 — STATION
WATERTOWN NY — STATION NAME
74-83 — YEARS
JAN — 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	.1	2.4	2.2	1.3	.2							6.1	8.4
NNE	.1	1.0	2.0	1.0	.2							4.3	9.1
NE	.3	2.6	3.5	2.8	.5	.1						9.8	9.6
ENE	.9	5.4	2.2	1.0	.1							9.1	6.6
E	.7	4.3	.8									5.4	5.1
ESE	.1	.3										[illegible]	4.2
SE	.1	.8	.2	.1								1.2	6.0
SSE	.1	.9	.7	.4	.4	.2	.1					[illegible]	11.3
S	.9	1.4	5.1	4.0	1.9	.4	.1					13.2	11.7
SSW	.8	1.1	1.3	1.4	.2	.1						4.7	9.2
SW	.1	.5	.6	1.7	.2	1.1						4.4	14.3
WSW	.1	1.7	2.5	1.8	1.9	.1	.1					6.3	11.6
W		1.4	3.3	3.4	1.2	.5						9.9	12.1
WNW		.4	2.3	1.7	.1	.1						4.4	10.8
NW		.3	.9	.5		.1						1.8	10.1
NNW		.2	.9	.1								1.4	7.3
VARBL													
CALM												11.9	
	2.3	25.6	28.2	21.3	7.1	2.8	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

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

SURFACE WINDS

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

STATION: [illegible]727 STATION NAME: WATERTOWN NY YEARS: 74-[illegible] MONTH: JAN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.7	1.9	.9								[illegible]	7.6
NNE	[illegible]	1.1	1.3	1.3	.3							4.7	9.4
NE	.3	2.3	4.1	1.5	.4	.2						[illegible].7	9.2
ENE	.4	4.2	2.7	1.1	.4							[illegible]	7.5
E	.4	5.9	.2									6.6	5.0
ESE	.2	.9		.1								1.2	5.2
SE	.1	.2	.4	.3								1.1	8.7
SSE	.2	1.2	1.0	.5	.3	.1						3.3	9.3
S	.4	2.4	5.3	4.1	2.0	.4	.2					14.8	11.4
SSW	.3	.4	.9	1.0	.2	.1						[illegible]	10.5
SW	.4	1.0	.9	2.3	.1	.5	.2					[illegible].4	12.1
WSW	.4	2.5	1.5	2.0	1.4	.2	.2					[illegible].3	10.9
W	.1	.3	4.6	2.8	1.6	.1						[illegible]	11.6
WNW		.3	1.5	1.1	.1							3.8	9.6
NW	.1	.5	.6	.1								1.4	7.1
NNW	.1	.4	.4	.2								1.2	7.9
VARBL													
CALM												12.4	
	3.7	27.1	28.3	19.2	7.0	1.7	.6					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

AL CLIMATOLOGY BRANCH
ETAC
ATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 727 | STATION NAME: ITRTOWN NY | YEARS: 74-83 | MONTH: JAN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	2.6	.4	.1							4.5	8.3
NNE		1.4	2.7	1.3	.4							5.8	9.3
NE	.1	2.0	4.3	3.3	.9	.3						10.8	10.5
ENE	.3	3.7	2.3	1.1	.1							7.1	7.2
E	.4	2.2	.9									3.4	5.4
ESE	.1	.6	.1									.9	5.5
SE	.1	.3	.4	.1		.1						1.1	9.0
SSE	.1	.9	1.4	.2		.2						2.8	6.7
S		1.9	4.3	6.9	1.4	1.2	.1					16.3	12.5
SSW		.8	1.7	1.8	.1							4.4	9.9
SW	.3	1.2	1.4	2.5	.4	.5	.1					6.3	11.9
WSW	.1	1.4	2.2	2.4	2.0	.4	.1					8.6	12.4
W	.1	2.2	3.3	3.2	2.2	.1						11.0	11.4
WNW	.1	1.1	1.9	1.2	.1	.1						4.4	9.5
NW		.3	.9	.1								1.7	7.5
NNW	.2	.9	1.0	.1								2.2	6.7
VARBL													
CALM												8.9	
	2.5	21.8	31.3	24.3	7.7	3.1	.3					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
227	WATERTOWN NY	74-63	JAN

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.9	2.0	.8	.1							4.9	8.0
NNE		1.6	1.7	1.7	.2							5.3	9.5
NE	.1	1.7	3.9	3.0	.6	.1						9.5	10.0
ENE		.6	1.1	1.1	.3	.2						3.3	11.5
E	.1	.5	.2	.2	.1							1.2	8.5
ESE	.1	.6	.2									1.1	5.0
SE	.1	.5	.4	.1								1.2	6.2
SSE	.1	.8	1.0	.2	.4	.1						2.6	10.3
S		1.2	6.2	3.8	1.9	.5						13.7	11.7
SSW		.4	2.5	1.4	.1							4.4	10.2
SW	.3	.6	1.3	3.0	1.3	.8						7.8	13.1
WSW		2.5	4.4	4.3	3.1	.8	.1					15.2	12.3
W	.3	2.4	5.5	4.3	3.2	.3						15.9	11.8
WNW		.3	1.3	1.0	.5	.3						3.9	11.1
NW	.4	.6	1.1	.1								2.2	6.8
NNW	.4	.9	.9	.3								2.5	6.8
VARBL													
CALM												5.5	
	2.2	17.7	34.1	25.3	12.0	3.1	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 930

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)

STATION: 72 227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: JAN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.5	2.2	.3								4.1	7.7
NNE		1.6	2.6	2.6	.2							7.0	9.9
NE	.3	1.3	2.0	2.8	.6							7.0	10.4
ENE		1.9	1.6	1.5	.1							5.2	9.3
E		.9	.1	.1								1.1	6.1
ESE		.3	.4									.8	7.0
SE		.8	.5	.1								1.4	6.9
SSE	.2	.6	.9	.4								2.3	7.5
S	.3	2.3	4.3	2.9	1.2	.1						11.0	10.3
SSW	.1	1.5	2.1	1.6	.3							5.6	9.4
SW	.2	1.7	3.2	2.7	1.1	.8	.1					9.8	11.8
WSW		3.7	4.3	4.2	2.9	.9	.3					16.2	12.1
W	.2	2.2	3.4	3.8	2.3	1.0	.3					13.1	13.0
WNW		1.5	1.4	1.3	.8							4.9	10.2
NW		.4	.9	.2								1.5	7.9
NNW	.1	.5	.9	.1								1.6	7.0
VARBL													
CALM												7.5	
	1.3	22.7	30.8	24.6	9.5	2.7	.8					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

STATION: [illegible]227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: JAN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.2	1.7	.5								4.6	7.0
NNE	.1	1.0	2.5	1.2								4.7	8.5
NE		1.8	3.1	2.6	.3							7.8	9.7
ENE		3.3	2.9	2.3								6.4	8.3
E	.3	2.9	.3									3.4	5.2
ESE		1.1	.1	.1								1.3	5.7
SE	.1	1.1	.3	.2								1.7	6.5
SSE	.2	1.0	1.4	.6								3.2	8.1
S	.1	4.2	3.2	3.3	1.1	.1						12.0	9.5
SSW	.3	1.4	1.5	1.3	.4	.3						5.2	10.6
SW	.1	1.9	1.3	2.7	1.2	.5	.1					6.4	12.0
WSW		1.6	2.4	2.3	2.5	.5						9.2	12.8
W	.3	1.0	3.0	4.1	2.7	1.2						12.2	13.6
WNW	.2	.1	1.1	1.5		.1						3.0	11.6
NW		.6	.8	.1								1.5	7.6
NNW		.6		.1								.8	6.4
VARBL													
CALM												12.9	
	1.3	25.7	26.0	22.9	8.2	2.8	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

GL.BAL CLIMATOLOGY BRANCH
USAFETAC
AI. WEAT ER SERVICE/MAC

SURFACE WINDS

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

STATION: 7. 227 STATION NAME: WAIERTOWN NY YEARS: 74-83 MONTH: JAN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.9	2.[illegible]	1.0								5.2	7.6
NNE		1.2	1.2	1.6	.1							4.[illegible]	9.4
NE	.3	1.8	2.6	2.8	.1							7.6	9.3
ENE	.4	3.5	3.4	1.2	.1							8.7	7.4
E	.1	5.4	.6	.1								6.2	5.4
ESE	.2	.8	.1									1.1	4.8
SE	.1	.8	.3	.1								1.3	6.3
SSE		1.1	.3	.6	.2							2.7	8.8
S	.3	2.6	4.1	4.1	.9							11.9	9.9
SSW	.3	2.2	1.6	.8	.2	.4						5.5	9.5
SW	.1	1.1	1.1	2.7	.9	.1	.1					6.0	12.2
WSW		1.3	2.2	3.7	1.9	.2						9.2	12.6
W		1.3	4.4	4.6	1.5	.8	.1					12.7	12.7
WNW		.3	1.6	2.3	.5							4.7	11.9
NW	.1	.2	.9	.5								1.7	9.1
NNW		1.2	.4	.3								1.9	6.9
VARBL													
CALM												9.2	
	2.[illegible]	26.6	27.3	26.3	6.5	1.5	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

L 'AL CLIMATOLOGY BRANCH
ETAC
AT EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 227 | STATION NAME: WATERTOWN NY | YEARS: 74-63 | MONTH: JAN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.9	2.2	.9	.1							5.1	8.0
NNE	.1	1.2	1.3	1.4	.2							4.8	9.3
NE	.1	1.3	3.2	2.7	.5	.1						[illegible]	9.9
ENE	.3	3.4	2.5	1.3	.1	.0						7.7	7.7
E	.3	3.1	.5	.1	.0							4.0	5.4
ESE	.1	.7	.1	.0								1.0	5.2
SE	.1	.6	.4	.2		.0						1.2	6.9
SSE	.2	.3	1.0	.5	.2	.1	.0					2.9	9.1
S	.3	2.2	4.6	4.2	1.5	.4	.1					13.3	11.1
SSW	.3	1.2	1.5	1.3	.2	.1						4.6	9.9
SW	.1	1.1	1.6	2.4	.7	.6	.1					6.7	12.4
WSW	.1	1.3	2.7	2.9	2.1	.4	.1					10.3	12.2
W	.1	1.5	4.3	3.8	2.1	.6	.1					12.2	12.4
WNW	.1	.6	1.6	1.5	.3	.1						4.2	10.7
NW	.1	.6	.3	.3		.0						1.8	8.0
NNW	.1	.7	.6	.2	.0							1.6	7.2
VARBL													
CALM												10.0	
	2.3	23.6	29.3	23.7	8.2	2.4	.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 7440

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

L [illegible]AL CLIMATOLOGY [illegible]RANCH
[illegible]FETAC
A[illegible] [illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] 227 STATION NAME: [illegible]TERTOWN NY YEARS: 74-83 MONTH: FEB

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.1	3.4	.9								6.6	8.1
NNE		1.4	2.3	1.7	.1	.1						[illegible].3	9.5
NE	.1	1.7	2.3	1.7	.7							7.0	9.5
ENE	.1	4.4	2.5	.8	.1							7.9	7.3
E	.1	5.7	.9									6.6	5.2
ESE	.5	1.4	.2									2.2	4.6
SE	.4	.5	.5	.5								2.1	7.2
SSE	.1	.8	.7	.5	.1		.2	.1				2.6	11.4
S	.9	3.4	4.0	4.1	.6							12.5	9.5
SSW	.4	1.3	1.5	1.2	.1	.2						4.7	9.7
SW	.[illegible]	1.8	1.3	2.2	.6	.4	.1					7.0	10.7
WSW	.3	3.3	2.4	2.7	.7	.2						10.3	9.7
W		1.1	1.7	4.0	1.3	.5						8.5	12.9
WNW	.1	.8	.7	.8	.2							2.7	9.4
NW		.9	.7	.1								1.8	7.1
NNW		.9	.7									1.5	6.9
VARBL													
CALM												10.5	
	3.4	31.8	26.5	21.3	4.6	1.4	.4	.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 646

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

L AL CLIMATOLOGY BRANCH
TAC
A EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 7 227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: FEB

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.0	1.9	1.1								5.3	7.6
NNE	.4	1.5	1.4	1.5								4.8	8.6
NE		3.0	2.4	1.7	.8							7.8	9.6
ENE	.4	3.5	2.1	1.5	.1							7.7	7.5
E	.7	5.8	.6									7.1	4.8
ESE	.5	.7	.5									1.7	5.1
SE		.5	.1	.1								.7	6.3
SSE	.2	.6	.5	.7	.1		.4					2.5	11.7
S	.4	3.7	5.2	5.3	.4							14.9	9.3
SSW	.4	1.5	1.4	.9								4.3	7.9
SW	.4	2.1	1.5	1.8	.7	.2						6.7	9.9
WSW	.5	3.2	2.3	1.1	1.3	.8		.4				9.2	11.7
W	.1	.8	2.7	2.4	.8	.2						7.1	11.2
WNW		.7	1.7	.8	.1							3.3	9.5
NW		.8	.2	.1								1.2	6.4
NNW		.7	1.4	.1								2.2	7.8
VARBL													
CALM												13.5	
	4.1	31.2	25.7	19.1	4.4	1.3	.4	.4				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 846

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

GL[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]227   STATION NAME: [illegible]TERTOWN NY   YEARS: 74-83   MONTH: FEB

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.7	1.9	.8								5.6	7.2
NNE	.2	1.7	1.5	1.5	.2							5.2	9.0
NE		2.6	2.1	2.2	.2	.1						7.3	9.7
ENE	.1	5.1	2.3	.4	.1							8.5	6.7
E	.6	5.0	.7									6.3	4.9
ESE	.3	.5	.1	.2								1.1	6.4
SE	.1	.4	.2									.7	5.8
SSE	.3	1.3	.9	1.2		.1	.1					3.9	9.8
S	.3	3.5	5.6	5.8	.7	.2						16.1	9.9
SSW	.4	1.3	.5	1.4	.1							3.7	9.0
SW	.6	2.5	1.1	1.9	.7	.1	.2					7.1	10.2
WSW	.1	2.2	2.5	1.5	.5	.2	.1	.1				7.3	10.3
W	.1	.9	1.7	1.3	2.0	.2						6.3	12.8
WNW	.1	.1	1.7	.5	.4							2.7	10.0
NW	.1	.3	1.2	.1								2.4	7.3
NNW	.1	.6	1.1	.1								1.9	7.0
VARBL													
CALM												13.6	
	3.3	31.3	25.4	15.0	5.0	1.1	.5	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 846

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)

STATION: 72 227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: FEB

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.4	3.5	1.2								7.8	8.0
NNE		1.9	3.3	1.9	.1							7.2	9.0
NE	.1	2.1	3.1	2.6	.5	.1						8.7	9.9
ENE		1.7	3.1	.4								[illegible]	7.7
E	.3	1.7	.3									2.7	4.9
ESE		.3	.2	.1								.6	9.2
SE	.1	.2	.1	.1								.6	7.4
SSE		.4	1.4	.7	.4							2.6	10.5
S		2.1	5.3	5.0	1.1	.4						14.3	11.2
SSW	.1	.9	2.6	3.0	.2							6.9	10.5
SW	.2	1.4	1.5	2.5	.4		.1					6.1	10.5
WSW	.4	2.3	3.4	2.5	1.3	.4						10.8	10.5
W	.1	2.2	3.2	3.2	1.1	.4						10.2	11.0
WNW	.1	1.3	1.5	.9	.2							4.1	6.9
NW		1.1	1.3									3.0	7.3
NNW		.4	.6	.2								1.2	7.6
VARBL													
CALM												5.0	
	2.2	23.1	35.9	24.5	5.2	1.2	.1					100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 846

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)

STATION: [illegible]227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: FEB

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.9	4.1	1.8								7.9	8.5
NNE	.1	1.7	3.9	1.7	.6							7.8	9.9
NE		1.8	2.6	2.2	.2							6.9	9.6
ENE		1.3	1.2	.2	.1							2.8	8.0
E		.4	.2	.1								.7	7.3
ESE		.2	.2									.5	7.3
SE	.1											.1	2.0
SSE	.1	.4	.4	1.2	.8							2.8	12.5
S		1.5	3.9	4.5	.8	.1						10.9	11.3
SSW		.6	2.5	4.4	.1							7.6	11.4
SW	.1	.7	1.8	4.8	1.2	.2						8.9	12.9
WSW		2.2	6.4	7.4	1.6	.2	.1					18.2	11.5
W	.4	2.4	6.1	3.9	1.2	.4						14.3	10.6
WNW		1.1	.9	1.3								3.3	8.6
NW	.1	.3	.8									1.6	6.3
NNW		.7	.9	.1								1.7	7.2
VARBL													
CALM												3.9	
	1.1	17.6	35.8	33.7	6.9	.9	.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 846

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

[illegible] AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] EAT ER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: FEB

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	3.4	1.7	.1							7.0	9.0
NNE		1.7	4.1	1.5	.8							8.2	9.6
NE		1.2	2.7	2.1	.2							5.6	10.4
ENE		1.4	.6	.4	.1							2.5	7.7
E	.1	.4	.7	.1								1.3	7.9
ESE		.3	.4	.3								1.4	10.1
SE		.1	.2	.4								.7	10.2
SSE		.4	.1	.5	.2							1.2	11.6
S	.3	1.3	3.7	3.2	.7	.1	.1					[illegible].3	10.8
SSW		1.3	2.7	2.5								6.5	9.8
SW		2.1	4.7	4.4	1.7	.2						13.1	11.1
WSW	.4	4.0	7.3	7.0	2.5	.6	.1					21.9	11.3
W	.2	2.6	5.1	2.6	2.1	.2						13.0	10.6
WNW	.1	1.4	1.3	.4	.1							3.3	7.6
NW		.6	.3	.1								1.9	7.0
NNW		.6	.1	.4								1.1	7.3
VARBL													
CALM												2.5	
	1.2	21.0	37.4	27.9	8.6	1.2	.2					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 846

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

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
..227	WATERTOWN NY	74-83	FEB

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	1.3	1.5								4.7	8.4
NNE	.3	.7	2.3	1.3								4.7	9.3
NE	.4	1.3	2.3	1.9	1.1							7.1	10.2
ENE	.3	1.7	1.2	.5	.5							4.5	7.7
E	.1	3.4	.4									4.3	4.7
ESE	.1	1.3	.6	.1								2.1	6.1
SE	.4	1.9	.7	.4	.5							3.3	7.8
SSE	.7	2.2	.5	.1	.2	.2						4.0	6.9
S	1.2	3.4	4.3	4.3	.7							13.8	9.3
SSW	.2	4.1	1.4	.6								6.5	6.4
SW	.3	4.3	2.7	1.9	1.7	.1						10.9	9.6
WSW	.5	2.2	5.0	3.9	2.2	.2	.1					14.2	11.4
W		.3	1.7	2.8	1.1	.2						6.6	12.8
WNW	.1	.2	.5	.4	.1							1.3	9.5
NW		.3	.1	.1								.5	7.8
NNW	.1	.6		.1								.8	5.7
VARBL													
CALM												10.6	
	5.3	3[illegible].5	24.7	19.9	8.0	.8	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 646

AL CLIMATOLOGY [illegible]
[illegible]
[illegible] SERVICE [illegible]

SURFACE WINDS

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

[illegible]27 — STATION
WATERTOWN NY — STATION NAME
74-[illegible] — YEARS
FEB — MONTH

ALL WEATHER — CLASS
[illegible]00-2300 — 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.[illegible]	1.[illegible]	1.4								[illegible].1	8.5
NNE		1.[illegible]	1.7	1.5								4.5	9.2
NE	.1	1.1	2.5	2.3	.5							6.1	10.2
ENE	.[illegible]	4.7	2.5	.8	.2							[illegible]	7.[illegible]
E	.[illegible]	6.6	.1									7.2	4.9
ESE	.[illegible]	1.7	.2									[illegible].7	4.6
SE	.1	.[illegible]	.6	.1	.1							1.9	7.4
SSE	.[illegible]	1.4	1.3	.2	.2	.4						[illegible].7	9.4
S	.[illegible]	4.8	3.2	4.0	.6							13.1	8.[illegible]
SSW	.[illegible]	1.3	2.[illegible]	.8	.8							[illegible].2	9.[illegible]
SW		1.[illegible]	2.2	3.0	.9							[illegible]	10.7
WSW	.[illegible]	2.[illegible]	3.1	2.8	1.2	.5						1[illegible].2	10.[illegible]
W		.7	2.2	3.9	1.2	.2						[illegible].3	12.[illegible]
WNW		.4	.[illegible]	.9	.5							[illegible]	11.[illegible]
NW		.[illegible]	.6	.2	.1							1.[illegible]	8.1
NNW		.[illegible]	.5	.4								1.2	9.1
VARBL													
CALM												1[illegible].2	
	2.7	32.2	25.3	22.2	6.4	1.1						[illegible]	8.2

TOTAL NUMBER OF OBSERVATIONS 646

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

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]227 — STATION
[illegible] NY — STATION NAME
74-83 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible].1	2.7	1.3	[illegible]							[illegible]	8.2
NNE	.1	1.[illegible]	2.5	1.6	.2	.0						[illegible]	9.3
NE	.1	1.[illegible]	2.5	2.1	.5	.0						7.1	9.9
ENE	[illegible]	3.[illegible]	2.[illegible]	.6	.2							[illegible]	7.3
E	.4	3.6	.9	.0								4.5	5.[illegible]
ESE	.3	[illegible]	.3	.2								[illegible]	6.1
SE	.1	.4	.3	.2	.1							1.3	7.4
SSE	[illegible]	[illegible]	.7	.6	.3	.1	.1	.0				[illegible]	10.1
S	[illegible]	3.0	4.4	4.5	.7	.1	.0					1[illegible].1	9.9
SSW	[illegible]	1.5	1.8	1.9	.2	.0						[illegible].7	9.4
SW	[illegible]	2.1	2.1	2.3	1.0	.2	.1					[illegible]	10.7
WSW	[illegible]	2.8	4.1	3.6	1.4	.4	.1	.1				[illegible]	11.[illegible]
W	.1	1.4	3.0	3.0	1.3	.3						[illegible].3	11.[illegible]
WNW	.1	[illegible]	1.1	.8	.2							[illegible]	9.[illegible]
NW	[illegible]	.8	.3	.1	.0							1.7	7.1
NNW	[illegible]	[illegible]	.7	.2								1.4	7.4
VARBL													
CALM												[illegible].1	
	[illegible]	27.4	29.5	23.4	6.1	1.1	.2	.1				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 676[illegible]

GL[illegible] [illegible]AL CLIMATOLOGY [illegible]RANCH
[illegible]ETAC
A[illegible] [illegible]EAT[illegible]ER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]-227	[illegible]ATERTOWN NY	74-83	MAR

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

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.5	1.2								3.[illegible]	8.9
NNE	.3	.9	1.6	.4								3.1	7.8
NE	.2	1.9	2.[illegible]	.5	.1							4.7	7.[illegible]
ENE		4.6	3.9	.9	.1							[illegible]	7.2
E	.[illegible]	6.1	1.6	.1								[illegible].1	5.6
ESE	.[illegible]	1.5	.3	.1								[illegible].3	5.5
SE	.[illegible]	1.3	.4	.2								[illegible].2	6.4
SSE	.[illegible]	1.2	1.0	.6	.2							[illegible]	6.6
S	.6	2.6	4.0	3.1	2.0							1[illegible].4	10.6
SSW	.[illegible]	2.5	1.3	1.1	.1							[illegible]	7.6
SW	.1	2.6	2.5	1.7	1.4							[illegible]	10.2
WSW	.[illegible]	2.3	2.7	3.1	1.9	.1						1[illegible]	10.6
W	.1	1.5	2.3	2.8	1.5							[illegible]	11.[illegible]
WNW		.6	.9	2.2	.2							[illegible]	11.1
NW	.1	.9	1.3	1.0	.1							[illegible]	9.[illegible]
NNW	.1	.6	.3	1.7								[illegible]	10.2
VARBL													
CALM												[illegible].7	
	3.[illegible]	32.[illegible]	27.[illegible]	20.8	7.8	.1						1[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS 92[illegible]

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

[illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible] [illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]227 STATION NAME: [illegible]ATERTOWN [illegible]Y YEARS: 74-83 MONTH: MAR

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]300-0500

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.2	1.9	.9	.1							4.3	8.6
NNE	.1	.5	1.7	1.0	.1							3.7	9.6
NE	.[illegible]	2.5	2.4	.9								5.8	7.5
ENE	.[illegible]	4.6	5.1	1.1	.2							11.6	7.4
E	.3	4.9	1.[illegible]									6.2	5.3
ESE	.[illegible]	1.[illegible]	.1	.1								1.5	5.1
SE	.1	.[illegible]	.3									1.2	5.5
SSE	.[illegible]	1.3	.3	1.0								3.3	8.4
S	.[illegible]	3.6	4.2	3.6	2.1							13.9	10.[illegible]
SSW	.1	1.9	1.3	1.7	.2							5.3	6.9
SW	.[illegible]	2.2	1.7	1.5	.9	.2						6.7	10.2
WSW		1.8	3.0	3.6	1.0	.1						9.5	10.[illegible]
W	.[illegible]	1.1	3.0	3.5	1.0							8.7	11.3
WNW		.3	1.3	1.2	.3	.1						3.2	11.7
NW	.3	.5	.9	1.0	.1							2.8	6.9
NNW		.6	.4	1.7	.1							2.9	11.3
VARBL													
CALM												9.3	
	3.6	28.8	29.4	22.5	6.0	.4						100.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 92[illegible]

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

L AL CLIMATOLOGY BRANCH
ETAC
AI EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 7 227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: MAR

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.5	1.6	1.4	.3							5.2	9.0
NNE	.1	.6	1.2	1.1	.3							3.3	10.5
NE		2.4	3.7	1.4	.3							7.7	8.8
ENE	.4	4.1	3.1	1.6								9.2	7.5
E	.4	3.7	1.1	.1								5.3	5.7
ESE	.2	.3	.3									1.3	5.2
SE	[illegible]	.4	.8	.5	.1							2.0	9.4
SSE	.2	.9	1.3	.5	.1							3.0	6.4
S	.4	3.0	4.2	5.2	1.4							14.2	10.4
SSW	.4	1.2	1.7	1.2	.2							4.5	8.7
SW	[illegible]	2.5	2.7	1.6	.6	.1						8.0	9.2
WSW	.1	1.5	2.9	2.8	1.2							6.5	10.9
W		1.3	1.4	4.6	1.4	.1						8.8	12.6
WNW	.1	.6	2.2	.9	.4							4.2	10.2
NW		.3	.2	.9	.1							2.0	10.3
NNW		.5	.6	1.3								2.5	10.2
VARBL													
CALM												10.2	
	3.4	25.3	29.5	24.9	6.6	.2						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 930

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

CL [illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible] [illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]227	[illegible]ATERTOWN [illegible]Y	74-83	MAR

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]900-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.9	2.6	1.7	.2							7.4	8.4
NNE		1.2	2.4	1.3								4.8	9.1
NE	.	1.0	4.2	2.0	.4							7.8	9.6
ENE	.1	1.4	3.1	1.6	.5							6.8	9.7
E		1.3	1.0	.5								2.6	8.0
ESE		.3	.4	.2	.1							1.1	9.6
SE		.4	1.1	1.0	.2							2.7	10.4
SSE	.1	.6	1.5	.6	.6							3.5	10.6
S	.1	2.0	3.7	4.1	1.4	.4						11.7	11.4
SSW	.1	.6	2.2	2.3	.5							5.7	11.[illegible]
SW	.2	.9	2.4	3.1	1.0	.1						7.6	11.8
WSW	.4	1.9	3.5	4.7	1.2	.3						12.2	11.2
W	.1	1.4	2.9	4.3	3.3	.1						12.2	12.9
WNW		1.1	1.3	1.9	.5							4.[illegible]	10.8
NW	.1	1.1	1.1	1.1	.1							3.4	9.0
NNW	.1	1.1	.3	.6	.2							2.8	8.7
VARBL													
CALM												2.6	
	1.6	13.2	34.[illegible]	31.2	10.4	1.0						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 227   STATION NAME: WATERTOWN NY   YEARS: 74-83   MONTH: MAR

CLASS: ALL WEATHER   HOURS (L.S.T.): 1300-1400

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.7	2.5	2.2	.3							6.8	9.4
NNE	.1	.8	1.5	1.0								3.4	8.8
NE		.3	2.3	2.9	.4	.1						7.0	11.1
ENE	.1	.6	1.3	1.0	.3							3.3	10.1
E		.9	.9	.3								1.9	7.4
ESE	.1	.5	.4	.6	.1							1.8	9.4
SE		.3	.6	.9	.1							1.9	10.4
SSE		.3	1.0	1.5	.1	.1						3.0	11.5
S		1.1	3.0	3.7	2.0	.4						10.2	12.6
SSW	.1	.4	2.1	1.2	.2							4.0	10.2
SW	.1	.6	2.5	4.5	2.6	.2						10.5	13.5
WSW	.3	1.8	5.3	7.0	3.4	.9						20.8	12.0
W	.1	2.7	5.6	4.3	3.2	.1						15.8	11.9
WNW		.6	1.2	1.7	.1							3.7	10.5
NW	.1	.5	.8	.4	.3							2.2	10.0
NNW		.5	1.1	.9								2.5	9.3
VARBL													
CALM												1.2	
	1.2	14.1	32.4	36.0	13.3	1.8						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GL AL CLIMATOLOGY BRANCH
 SAFETAC
A   EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: ..27 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: MAR

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	[illegible]	1.3	3.7	1.6	.2							7.0	9.5
NNE	.2	.9	1.3	2.4								4.7	9.9
NE		1.1	2.0	2.4	.2							5.7	10.6
ENE		[illegible]	1.2	.4	.3							2.7	9.4
E		.4	1.1	.5								1.9	9.0
ESE		.1	.3	.8	.1							1.7	10.7
SE		[illegible]	1.6	.3	.1	.1						2.7	9.0
SSE		.5	1.3	1.1	.1	.1						3.1	10.9
S	.1	.6	2.3	2.4	1.2	.2						6.8	12.3
SSW	.1	.5	2.5	1.5	.2							4.8	10.0
SW		1.3	3.0	4.2	2.4	.1						11.0	12.6
WSW	.1	2.7	6.3	11.9	6.3	.4						28.3	12.9
W	[illegible]	1.3	3.4	3.7	1.8	.5						11.[illegible]	12.2
WNW	[illegible]	.5	.6	.6	.3							2.4	9.8
NW		.3	.5	.5	.3							1.7	12.0
NNW		1.0	.9	.5	.1							[illegible]	8.7
VARBL													
CALM												[illegible]	
	1.2	13.9	32.8	34.8	13.8	1.5						100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 72227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: MAR

CLASS: ALL WEATHER | HOURS (L.S.T.): 1[illegible]00-2000

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.3	1.9	1.3								5.5	7.9
NNE	.1	1.4	2.5	1.7								5.7	8.8
NE	.1	1.2	1.9	1.1	.5							4.8	9.5
ENE	.1	2.3	1.4	.2	.1							4.1	7.0
E	.3	2.6	1.5	.2								4.6	6.3
ESE		1.2	.9	.2								2.2	7.3
SE	.2	1.1	.5	.2	.3							2.3	8.2
SSE		1.2	.2	.3	.2	.1						2.0	8.9
S	.1	4.8	3.0	1.8	.6	.1						11.0	8.2
SSW	.3	3.2	2.2	.3	.2							6.2	7.1
SW	.4	2.5	5.4	3.5	.8	.3						12.9	10.0
WSW	.1	2.7	5.9	5.3	1.8							15.7	11.0
W		1.1	1.6	3.2	3.2	.3						9.5	14.1
WNW	.1	.6	.6	.9								2.3	9.5
NW	.1	.6	.2	.6								1.6	8.2
NNW		.6	.6	.6	.1							2.0	9.2
VARBL													
CALM												7.6	
	2.5	29.2	30.2	21.6	8.0	.9						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

L TAL CLIMATOLOGY BRANCH
USAFETAC
AT EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: MAR

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.3	.9	1.2	.1							4.5	7.7
NNE	.1	1.6	2.0	.5								4.3	7.7
NE	.3	1.9	2.0	.6	.9							5.7	8.9
ENE	[illegible]	3.1	2.0	.4								6.1	6.6
E	.3	4.0	1.3	.1								5.7	5.6
ESE		1.5	.6									2.2	5.9
SE	.4	.6	.3	.4								1.7	6.9
SSE	.3	1.7	1.5	.5								4.0	7.4
S	.6	4.4	3.5	4.4	1.2	.1						14.3	9.7
SSW	.5	3.7	.9	.6	.3							5.9	6.8
SW	.1	1.5	3.9	2.5	1.1							9.0	10.8
WSW	.1	1.5	3.3	3.2	.5	.4						9.1	10.8
W		.6	2.5	4.5	2.8	.3						10.6	14.0
WNW		.4	.1	1.1	.2							1.6	12.1
NW		1.0	1.5	.4								2.9	8.2
NNW		1.1	1.5	.4								3.0	[illegible]
VARBL													
CALM												5.9	
	3.4	31.0	27.6	21.1	7.1	.9						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

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)

STATION	STATION NAME	YEARS	MONTH
227	WATERTOWN NY	74-83	MAR

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.9	2.1	1.4	.2							5.6	8.7
NNE	.1	1.0	1.3	1.2	.1							4.1	9.0
NE	.1	1.6	2.6	1.5	.4	.0						6.2	9.3
ENE	.3	2.7	2.6	.9	.2							6.7	7.8
E	.3	3.0	1.1	.2								4.6	6.1
ESE	.1	.9	.5	.3	.0							1.7	7.2
SE	.1	.7	.7	.4	.1	.0						2.1	8.5
SSE	.1	1.0	1.1	.8	.2	.0						3.2	9.3
S	.4	2.9	3.5	3.5	1.5	.2						11.8	10.5
SSW	.2	1.3	1.7	1.2	.3							5.2	8.7
SW	.2	1.7	3.0	2.8	1.3	.1						9.3	11.1
WSW	.3	2.0	4.2	5.5	2.2	.3						14.3	11.8
W	.1	1.3	2.8	3.9	2.3	.2						10.6	12.5
WNW	.1	.6	1.0	1.3	.3	.0						3.3	10.7
NW	.1	.6	.3	.7	.1							2.5	9.4
NNW	.1	.8	.8	1.0	.1							2.6	9.5
VARBL													
CALM												6.3	
	2.5	24.2	30.4	26.6	9.1	.8						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 7434

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

... AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: ...227 — STATION NAME: WATERTOWN NY — YEARS: 74-83 — MONTH: APR

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	2.7	1.9								6.3	9.4
NNE		.8	1.2	.7								2.7	8.6
NE		1.3	1.2	.4	.3							3.9	8.7
ENE	.3	3.7	2.1	1.0	.3							7.5	7.6
E	.5	4.3	2.1									6.7	5.6
ESE	.2	1.3	.7	.2	.1							2.6	7.1
SE		.8	.3	.2	.2							1.4	9.3
SSE	.3	1.4	1.1	1.3	.6							4.8	8.7
S	.4	5.9	3.9	2.0	.6							12.8	7.8
SSW	.4	2.9	2.6	.7	.1							6.7	7.3
SW	.1	3.1	3.2	2.2	1.1	.2						10.0	10.1
WSW		2.3	2.3	2.1	.2	.3	.1					7.1	10.0
W	.3	1.3	2.1	2.4	1.0	.2						7.3	11.3
WNW		.4	1.3	.6	.1							2.4	9.2
NW		.3	.4	.4	.3							2.0	9.9
NNW		.4	.3	.2	.1							1.7	9.7
VARBL													
CALM												15.0	
	2.3	31.7	28.3	16.1	5.1	.8	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 896

AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVIC /MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]227	ATERTOWN NY	74-[illegible]3	AP[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.1	3.1	1.3	.3							6.2	9.2
NNE		1.0	1.7	.6								[illegible].2	8.3
NE	.2	1.7	2.2	1.3	.4							5.9	9.2
ENE	.1	3.[illegible]	2.0	.4								[illegible].6	6.8
E	.3	5.0	1.2	.1								6.7	5.5
ESE	.3	1.3	.6	.2								[illegible].2	6.5
SE	.1	.1	.4	.3								1.0	9.6
SSE	[illegible]	.6	.3	.8	.3							2.5	9.5
S	.6	6.6	5.7	3.5	.7							16.3	8.3
SSW	.1	2.9	2.5	.4	.2	.1						5.2	7.8
SW		3.0	3.3	2.9	.6	.4						1[illegible].3	10.2
WSW	.1	.9	2.8	1.8	.4		.1					6.1	10.7
W		.9	2.2	1.8	.1							5.0	9.6
WNW	.1	.4	.6	.9	.1	.1						[illegible].2	11.0
NW	.1	.3	.2	.3	.4							1.4	10.7
NNW		1.2	1.4	.7								3.5	6.4
VARBL													
CALM												15.7	
	2.7	30.1	29.7	17.4	3.7	.7	.1					[illegible]	7.3

TOTAL NUMBER OF OBSERVATIONS 897

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)

STATION: 726227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: APR

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.0	1.9	2.7	.4							6.2	10.5
NNE	.1	.8	1.6	1.1								3.7	8.8
NE		1.2	2.7	1.3	.1	.1						5.5	9.4
ENE	.3	2.5	2.8	1.6	.6							7.6	8.9
E	.3	2.9	.2	.1	.1							3.7	5.5
ESE		.4	.1	.6								1.1	9.0
SE	.1	.3	.3	.7								1.4	8.9
SSE	.3	.7	.8	1.6	.4	.1						3.3	11.6
S		5.9	5.4	2.9	1.0							15.2	8.8
SSW	.1	3.3	3.5	1.1	.3							8.4	8.1
SW		1.9	4.7	2.9	.9	.6						10.3	11.0
WSW		1.2	2.1	2.3	.6	.6	.1					6.6	11.9
W	.1	1.1	1.3	2.9	.3	.1						6.4	10.9
WNW		.3	.2	.9	.7							2.8	11.8
NW	.1	.7	1.2	1.2								3.2	9.7
NNW	.1	.3	1.2	1.4	.1							3.2	10.4
VARBL													
CALM												11.0	
	1.7	24.7	30.4	25.0	5.6	1.4	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 837

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

SURFACE WINDS

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

STATION: [illegible]27 STATION NAME: AIERTOWN NY YEARS: 74-[illegible] MONTH: APR

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]-11[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 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	2.[illegible]	3.4	.4							[illegible]	10.[illegible]
NNE	.[illegible]	.[illegible]	1.4	1.7	.7	.1						4.9	10.[illegible]
NE	.1	.[illegible]	2.1	1.9	.4							[illegible]	10.4
ENE		1.1	2.1	1.6	.2							[illegible]	9.7
E		[illegible]	1.1	.3								2.7	7.8
ESE		.[illegible]	.[illegible]	.[illegible]								1.[illegible]	8.1
SE		.3	.7	.6								1.6	9.3
SSE		.[illegible]	.4	1.2	1.[illegible]	.4	.1					3.4	15.9
S	.1	.[illegible]	2.7	.9	1.1	.3						[illegible]	12.[illegible]
SSW		.[illegible]	1.[illegible]	2.7	.6							[illegible].6	11.[illegible]
SW		.[illegible]	4.7	[illegible].1	1.9	.7	.3					1[illegible].1	13.[illegible]
WSW		[illegible]	8.1	[illegible]	1.4	.6						17.6	11.[illegible]
W	.1	1.[illegible]	4.[illegible]	[illegible].1	.8	.2						1[illegible].5	10.[illegible]
WNW		.[illegible]	1.[illegible]	1.2	.2	.1						3.[illegible]	11.1
NW		.[illegible]	.[illegible]	1.9	.3							[illegible]	11.[illegible]
NNW		.[illegible]	1.7	2.2								4.4	10.[illegible]
VARBL													
CALM												1.7	
	.3	12.7	36.4	3[illegible].6	9.1	2.4	.4					1[illegible]	11.2

TOTAL NUMBER OF OBSERVATIONS 899

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

[illegible] AL CLIMATOLOGY BRANCH
[illegible]FETAC
A[illegible] [illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]27 — STATION NAME: [illegible]ATERT[illegible] NY — YEARS: 74-[illegible]3 — MONTH: APR

CLASS: ALL WEATHER — HOURS (L.S.T.): 1[illegible]0-140[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.[illegible]	2.[illegible]	[illegible].2	.3							[illegible].7	1[illegible].[illegible]
NNE	.1	.3	1.[illegible]	2.6	1.[illegible]							[illegible].[illegible]	12.7
NE		.[illegible]	1.[illegible]	2.7	.1							4.[illegible]	11.7
ENE		.1	1.3	1.2	.1							2.[illegible]	11.[illegible]
E		.[illegible]	.6	.8								1.7	10.1
ESE		.4	.5	.1								1.[illegible]	7.4
SE		.[illegible]	.[illegible]	.4								1.3	10.[illegible]
SSE	.[illegible]	.1	.2	.7	.6	.1						1.[illegible]	14.5
S		.4	2.3	[illegible].1	1.0							6.9	12.3
SSW		.[illegible]	1.[illegible]	2.0	.1	.1	.1					[illegible].7	12.7
SW		.[illegible]	[illegible].[illegible]	5.9	3.2	.3						1[illegible].[illegible]	13.9
WSW	.1	.4	7.[illegible]	1[illegible].3	5.1	.3	.1					[illegible].4	13.[illegible]
W		1.2	4.[illegible]	5.6	1.0	.1						1[illegible].7	11.4
WNW		.[illegible]	1.9	1.7	.2	.1						4.3	11.[illegible]
NW		.4	1.1	1.6	.3							[illegible].4	11.3
NNW		.4	1.[illegible]	1.3	.2							3.3	1[illegible].9
VARBL													
CALM												.[illegible]	
	.3	[illegible].7	3[illegible].3	47.1	13.3	1.1	.2					1[illegible]	12.2

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: APR

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		.7	2.3	2.4	.4							5.9	11.1
NNE		.3	1.6	1.4	.3							3.6	11.0
NE		.2	1.9	2.7	.1							4.6	11.9
ENE		.6	.8	.7	.2							2.2	10.1
E	.1	.3	1.0	.3								1.8	8.4
ESE		.1	.4	.3								.9	9.5
SE		.1	1.0	.6	.1							1.8	10.3
SSE		.1	.4	1.2	.2	.1						2.1	13.2
S	.1	.6	1.4	2.2	.4							4.8	11.5
SSW		.2	1.7	.9	.1							2.9	10.1
SW		.3	4.3	8.9	2.3	.2						16.6	12.6
WSW	.1	1.9	10.3	17.6	3.3	.6						33.8	12.2
W	.3	.7	3.2	4.7	1.0	.1						10.0	11.2
WNW		.4	.9	.7	.3							2.3	11.1
NW			1.1	1.0	.1							2.2	11.6
NNW	.3	.2	1.3	1.2	.3							3.3	10.3
VARBL													
CALM												1.1	
	.3	7.1	33.7	46.8	9.4	1.0						100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 900

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

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

SURFACE WINDS

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

STATION: [illegible] 227 — STATION NAME: WATERTOWN NY — YEARS: 74-83 — MONTH: APR

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	3.0	1.9	.1							7.0	8.9
NNE		.9	.8	.8								2.3	8.9
NE		.7	2.8	2.0								5.4	9.7
ENE	.1	.4	1.4	1.1	.1							3.2	10.0
E		1.8	1.1	.2								3.1	7.0
ESE		.9	.8	.3								2.0	7.6
SE		1.0	.4	.6	.1							2.1	8.4
SSE		.4	1.1	.4	.2	.1						2.3	10.3
S	.5	4.7	2.7	1.7	.3	.1						10.0	7.7
SSW	.3	4.1	3.2	.3								7.9	6.7
SW		4.2	7.1	5.7	.8							17.8	9.7
WSW	.3	3.6	5.9	6.2	2.4	.2						18.6	11.0
W		.9	1.7	1.0	1.3							4.9	11.9
WNW	.1	.2	.7	.4	.1							1.6	9.9
NW		.1	.6	.7	.1							1.4	11.6
NNW		.2	.7	.8								1.7	10.7
VARBL													
CALM												0.7	
	1.2	25.8	34.1	24.1	5.7	.4						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

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

L AL CLIMATOLOGY BRANCH
ETAC
AT EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 7 227 — STATION NAME: WATERTOWN NY — YEARS: 74-63 — MONTH: APR

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.4	1.2	1.6	.2							4.8	9.1
NNE		1.0	.7	1.2								2.9	9.2
NE		.7	2.6	1.6	.3							5.1	10.4
ENE	.3	2.1	3.0	.9								6.2	7.4
E	.2	3.9	1.3									5.4	5.7
ESE	.1	1.7	.6									2.3	5.6
SE	.1	1.7	.7	.4								2.9	6.7
SSE	.3	2.0	.6	1.0	.9	.1						4.9	10.0
S	.4	8.0	3.1	2.2	.6	.1						14.8	7.5
SSW	.7	3.4	1.8	.6								6.4	6.6
SW	.3	2.1	5.0	1.9	.8	.1						10.1	9.7
WSW	.3	1.3	3.2	3.4	.7	.2						9.2	10.8
W		.9	2.0	2.7	1.1							6.7	11.6
WNW	.1	.4	.9	.3								1.8	7.9
NW	.1	.7	.7	.7	.3							2.4	10.1
NNW		.6	.4	.2	.2							1.4	9.5
VARBL													
CALM												12.6	
	7.6	31.9	27.7	18.7	5.1	.6						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GL AL CLIMATOLOGY BRANCH
USAFETAC
AI EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 726227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: APR

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	2.5	2.2	.3							6.1	10.0
NNE	.1	.7	1.3	1.3	.3	.0						3.6	10.1
NE	.3	.9	2.1	1.7	.2	.0						5.0	10.1
ENE	.1	1.7	1.9	1.1	.2							5.0	8.5
E	.3	2.5	1.1	.2	.0							4.0	6.3
ESE	.1	.9	.6	.3	.0							1.7	7.2
SE	.3	.6	.6	.5	.1							1.7	6.8
SSE	.2	.7	.6	1.0	.5	.1	.0					3.2	11.3
S	.3	4.1	3.3	2.7	.7	.1						11.2	9.0
SSW	.3	2.2	2.2	1.1	.2	.0	.0					6.4	8.4
SW	.2	2.3	4.3	4.4	1.4	.3	.0					12.6	11.4
WSW	.1	1.7	5.2	6.8	1.8	.3	.1					15.9	11.8
W	.1	1.1	2.3	3.0	.8	.1						7.9	11.1
WNW	.1	.4	1.0	.8	.2	.0						2.6	10.6
NW	.3	.4	.9	1.0	.3							2.5	10.9
NNW	.0	.5	1.1	1.0	.1							2.8	10.2
VARBL													
CALM												8.3	
	1.7	21.3	31.3	29.0	7.1	1.1	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 7191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 7[illegible]227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: MAY

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]00-0200

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	1.2	.4	.1	.1						3.7	8.4
NNE	.1	1.7	.8		.1							2.8	6.2
NE	.4	1.2	1.3	.5		.1						3.1	7.8
ENE	.1	4.9	1.2	1.0	.1							7.3	6.8
E	.6	5.8	1.2	.1								7.7	5.3
ESE	.2	.7	.1	.2								1.3	6.8
SE	.3	1.1		.2								1.6	5.5
SSE	.3	1.2	1.1	.5	.1							3.1	7.5
S	1.0	7.3	4.9	2.4	.4							16.0	7.4
SSW	.6	6.1	4.1	1.0	.1							11.9	6.9
SW	.2	3.7	3.6	1.6	.1							9.3	8.0
WSW	.1	2.1	1.7	1.1	.2							5.2	8.5
W		.2	.2	.8	.2							1.6	12.1
WNW		.5	.4	.2								1.1	8.3
NW	.1	.2	.1		.1							.6	8.2
NNW		.4	.1									.5	6.0
VARBL													
CALM												23.2	
	4.0	39.1	21.8	10.0	1.7	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 631

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

.L. ·AL CLIMATOLOGY BRANCH
.SAFETAC
AI. .EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: .7L227 STATION NAME: .ATERTOWN NY YEARS: 74-83 MONTH: MAY

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.3	1.7	.5								3.6	7.2
NNE	.2	1.6	.7		.2							2.8	7.1
NE	.1	1.3	1.3	.1	.1							2.9	7.0
ENE	.5	5.9	1.4	.6	.2							8.7	6.3
E	1.1	8.7	.3	.2								10.3	4.6
ESE	.7	1.3	.1	.2								2.3	5.2
SE	.3	1.2	.3									1.9	4.8
SSE	.1	1.6	1.2	1.0								4.0	7.9
S	.3	7.0	4.4	2.4	.5							14.6	7.7
SSW	.5	4.3	3.0	.3	.1							8.3	6.7
SW	.1	3.4	3.1	1.4	.3							8.4	8.2
WSW	.3	2.3	.6	1.7	.1							5.1	6.4
W	.1	.3	.2	.9	.2							1.9	11.4
WNW		.2	.9	.1								1.2	6.6
NW			.6									.6	6.8
NNW	.1		.1	.1								.3	8.0
VARBL													
CALM												22.0	
	5.1	40.5	20.0	9.8	1.9							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 660

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

...AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]227   STATION NAME: WATERTOWN NY   YEARS: 74-83   MONTH: MAY

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.2	1.3	1.4	.2							[illegible]	9.3
NNE	.1	1.2	1.4	1.0								3.7	6.5
NE	.3	3.0	2.7	.8	.3							7.3	7.6
ENE	.4	4.0	1.5	.8	.1							6.9	6.8
E	.[illegible]	2.7	.9	.1								4.3	5.1
ESE	.3	.9	.4		.1							1.7	5.9
SE	.1	.4	1.0	.5								2.0	9.3
SSE	.1	.3	1.3	1.4	.1							3.7	10.0
S		3.3	5.4	3.0	.3							12.6	9.1
SSW	.5	4.0	5.3	1.3	.1							11.8	7.8
SW	.1	2.9	4.2	4.1	.8							12.1	9.8
WSW	.1	1.7	1.9	1.9	.6							6.4	10.1
W	.1	1.2	1.1	.5								2.9	7.4
WNW	.1	.3	.3	.3								1.5	8.6
NW	.3	.3	1.0	.2								1.8	7.5
NNW	.1	.1	.4									.6	6.8
VARBL													
CALM												15.6	
	4.1	28.5	31.6	17.4	2.7							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 927

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

GL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: MAY

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.4	3.5	2.3	.2							8.4	9.1
NNE	.1	1.1	1.9	1.9	.2							5.3	10.0
NE	.1	1.2	1.2	2.3	.5							5.3	10.5
ENE		1.3	1.6	.8								3.7	8.1
E	.1	1.3	.5	.4								2.4	6.9
ESE		.2	.5	.3	.1							1.2	10.4
SE		.4	1.0	.2								1.6	8.3
SSE		.2	1.2	1.2	.9							3.4	12.8
S		.9	3.3	4.9	.3							9.5	11.1
SSW		.9	3.1	2.6	.1							6.7	10.4
SW	.3	1.4	6.6	7.3	1.1							16.6	11.2
WSW		2.3	5.4	5.2	1.2							13.8	10.9
W	.1	2.7	5.4	3.1	.3							11.6	9.3
WNW	.1	.8	1.0	.4								2.3	7.8
NW		1.0	.9	.4								2.3	8.0
NNW	.3	1.1	.9	.4								2.5	7.3
VARBL													
CALM												3.0	
	1.0	18.7	37.8	33.8	4.9							100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 72-227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: MAY

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.4	3.3	2.0	.2							7.0	9.8
NNE		.5	2.0	2.0	.2							4.8	10.6
NE	.1	.3	1.0	1.7	.4							3.5	11.1
ENE		.3	.3	.2								.9	7.6
E		.5	.8	.2								1.5	8.0
ESE		.3	.5	.4								1.3	9.4
SE		.4	1.0	.2								1.6	8.5
SSE		.4	.9	.8	.3							2.4	11.4
S		.9	2.0	3.8	.6							7.3	11.7
SSW		.3	.6	2.5								3.4	11.4
SW		.9	4.7	9.6	.6							15.8	11.8
WSW		.8	10.5	13.7	2.0	.3						27.3	12.0
W		1.5	8.6	4.3	.2							14.6	9.8
WNW		.5	1.0	.8	.1							2.4	9.9
NW		.5	.4	.6								1.6	9.1
NNW		.3	1.1	.6	.1							2.6	9.0
VARBL													
CALM												1.9	
	.1	10.4	38.8	43.4	4.9	.3						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 930

GL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 72[illegible]227 STATION NAME: WATERTOWN, NY YEARS: 74-83 MONTH: MAY

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	.1	1.3	2.5	3.1	.1							7.1	10.2
NNE		.9	1.8	1.8	.1							4.6	9.8
NE		.8	.2	1.1	.5							2.6	11.4
ENE	.1	.9	.2	.2								1.4	7.0
E		.2	.4	.8								1.4	9.8
ESE		.2	.5	.1								.9	8.5
SE	.1	.3	.8	.4	.2							1.6	10.0
SSE		.1	.8	.3	.5							1.7	12.7
S	.1	1.2	2.5	2.3	.3	.1						6.5	10.7
SSW		.4	3.1	1.5	.2							5.3	10.2
SW	.1	.9	5.6	6.7	1.1							14.3	11.4
WSW	.3	3.5	10.6	12.9	2.4							29.8	11.1
W		2.5	8.2	2.7	.6	.1						14.1	9.4
WNW		.6	.4	.3	.2							1.6	9.3
NW		.3	.9	.4		.2						1.8	10.9
NNW		.4	.9	.9								2.2	10.0
VARBL													
CALM												3.0	
	.7	14.5	39.4	35.5	6.3	.4						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible]TAL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] [illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: MAY

CLASS: ALL WEATHER | HOURS (L.S.T.): 1[illegible]00-2000

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.2	2.3	1.4	.1							5.1	9.1
NNE		1.2	1.5	.3								3.0	7.9
NE	.1	1.1	2.7	1.3								5.2	8.8
ENE	.1	1.3	1.0	.3								2.7	6.8
E	.1	2.5	.2	.4								3.2	6.0
ESE	.1	1.3	.3	.1								2.3	6.4
SE	.2	1.0	1.0	.4	.1							2.7	7.6
SSE	.4	.6	.9	1.1	.1							3.1	9.1
S	1.1	6.9	1.1	1.3	.1							10.4	6.3
SSW	.1	3.9	3.1	.3	.2							7.6	7.1
SW	.2	4.3	7.6	4.4	.6							17.7	9.0
WSW	.6	4.7	6.6	3.3	1.4							16.7	9.3
W	.3	2.3	1.6	.9								5.1	7.1
WNW	.2	1.0	.3									1.5	5.1
NW		.4	.2									.6	6.3
NNW	.1	.2	.6									1.0	7.3
VARBL													
CALM												12.2	
	3.3	34.3	31.4	15.6	2.7							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible]AL CLIMATOLOGY BRANCH
[illegible]FETAC
A[illegible] [illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] 227 — STATION NAME: [illegible]ATERTOW[illegible] NY — YEARS: 74-83 — MONTH: [illegible]AY

CLASS: ALL WEATHER — HOURS (L.S.T.): [illegible]1[illegible]0-23[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 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	1.3	.1								[illegible].1	6.7
NNE		.[illegible]	.3		.1							.9	6.4
NE		1.2	.9	.7								2.6	8.2
ENE		2.3	2.9	.6								6.1	7.0
E	.1	5.3	2.0	.2								7.6	5.7
ESE	.1	2.6	.1	.1								3.0	5.1
SE	.3	2.1	.9	.6								3.7	6.8
SSE	.5	3.1	1.3	.7	.1							5.6	6.8
S	1.6	12.3	4.4	1.6	.5							20.4	6.4
SSW		4.6	2.5	.7								7.8	6.9
SW	.2	3.7	2.8	2.2								8.9	8.0
WSW	.3	2.0	1.5	1.6	.3							5.6	9.2
W	.2	.7	.6	.8								2.3	8.1
WNW		.1	.1									.2	6.0
NW		.2	.2									.5	7.0
NNW	.1	.2	.1									.5	5.0
VARBL													
CALM												21.2	
	3.3	42.8	21.7	9.9	1.0							100.0	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 669

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

AL CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE [illegible]

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]7	[illegible] NY	74-[illegible]	MAY

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.[illegible]	1.[illegible]	2.[illegible]	1.4	.1	.0						[illegible].5	9.[illegible]
NNE	.1	1.1	1.4	.9	.1							3.5	9.[illegible]
NE	.1	1.2	1.4	1.1	.2	.0						4.1	9.0
ENE	.[illegible]	2.[illegible]	1.2	.5	.1							4.6	6.9
E	.1	3.3	.[illegible]	.3								4.7	5.7
ESE	.[illegible]	.3	.4	.2	.0							1.7	6.7
SE	.3	.2	.7	.3	.0							[illegible].1	7.[illegible]
SSE	.3	1.0	1.1	.9	.3							[illegible].4	9.4
S	.[illegible]	4.3	3.5	2.7	.4	.0						1[illegible]	8.3
SSW	.3	3.0	3.2	1.3	.1							7.9	8.[illegible]
SW	.3	2.7	4.3	4.7	.6							1[illegible]	10.0
WSW	.1	2.4	5.0	5.3	1.1	.0						14.[illegible]	1[illegible].6
W	.1	1.3	3.3	1.8	.2	.0						6.9	9.2
WNW	.1	.3	.6	.3	.0							1.[illegible]	[illegible].3
NW	.1	.4	.5	.3	.0	.0						1.2	8.5
NNW	.1	.4	.5	.3	.0							1.3	8.2
VARBL													
CALM												10.7	
	2.7	28.3	30.6	22.3	3.3	.1						1[illegible]	7.7

TOTAL NUMBER OF OBSERVATIONS 72[illegible]7

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

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

SURFACE WINDS

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

STATION: [illegible]227 STATION NAME: [illegible] NY YEARS: 74-83 MONTH: [illegible]

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

CONDITION:

SPEED (KNTS) DIR.	1 - 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.[illegible]	.[illegible]									1.2	5.6
NNE		.[illegible]	.7									1.[illegible]	6.3
NE	.[illegible]	1.5	.7	.4								[illegible]	6.[illegible]
ENE	.[illegible]	2.7	.9									[illegible]	5.4
E	.4	5.2	.[illegible]									[illegible].1	4.[illegible]
ESE	.[illegible]	1.[illegible]	.4									[illegible]	5.1
SE		[illegible].2	.4	.1								[illegible].7	5.3
SSE		3.2	2.1	.5								[illegible]	7.[illegible]
S	.[illegible]	11.0	7.5	3.1	.1							22.4	7.1
SSW	.[illegible]	5.7	3.0	.9								1[illegible].1	6.4
SW	.[illegible]	4.1	2.1	1.7	.1							[illegible].4	7.6
WSW		1.2	1.5	.7	.4							[illegible]	9.3
W	.1	.7	.7	.6								[illegible].2	8.6
WNW	.[illegible]	.[illegible]	.5	.4								1.7	7.1
NW	.1	.4	.3									.7	6.[illegible]
NNW		.4	.1									.[illegible]	5.[illegible]
VARBL													
CALM												23.[illegible]	
	[illegible].3	42.6	21.7	8.4	.6							1[illegible]	[illegible].2

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AL CLIMATOLOGY [illegible]
[illegible] ETAC
A[illegible] [illegible]ATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]227
STATION NAME: [illegible] NY
YEARS: 74-[illegible]3
MONTH: [illegible]

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.7	.7	.1	.1							[illegible].7	6.5
NNE	.1	1.7	.4	.1								[illegible].3	5.5
NE		1.3	.4	.5								2.1	7.7
ENE	.[illegible]	4.3	.[illegible]	.1								[illegible].4	4.9
E	.[illegible]	5.[illegible]	.4									6.6	4.8
ESE	.[illegible]	1.4	.7	.2								2.7	5.8
SE	.[illegible]	1.8										2.1	4.3
SSE	.[illegible]	[illegible].3	.[illegible]	1.3								[illegible].8	7.[illegible]
S	.[illegible]	1[illegible].1	6.[illegible]	2.9	.1							1[illegible].9	7.1
SSW	1.[illegible]	[illegible].3	3.7	.8								1[illegible].7	6.6
SW	.[illegible]	3.0	2.6	1.4								7.5	7.[illegible]
WSW	.[illegible]	1.[illegible]	1.3	1.2								4.7	8.1
W		1.2	1.1									[illegible].3	6.7
WNW	.[illegible]	.7	.[illegible]									1.4	5.9
NW		.[illegible]	.5	.4								1.1	8.3
NNW		.1	.2									.4	6.7
VARBL													
CALM												[illegible]2.2	
	5.[illegible]	43.[illegible]	1[illegible].7	9.1	.2							1[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS 638

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

?L ?AL CLIMATOLOGY ?RANCH
?SAFETAC
A? ?EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: ??227 — STATION NAME: WATERTOWN NY — YEARS: 74-83 — MONTH: JUN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.[illegible]	2.1	.6								4.9	7.3
NNE	.[illegible]	.4	1.6	.7	.1							3.0	6.9
NE	.4	1.4	2.6	.8								5.2	7.7
ENE	.3	2.9	2.7	.1								5.2	6.3
E	.3	2.9	.6	.1								3.9	5.1
ESE	.5	.4	.2	.1								1.3	5.3
SE	.1	.6	.6	.1								1.3	6.8
SSE	.1	.7	2.1	.6	.1							3.6	8.8
S	.4	7.2	6.7	3.9								18.2	6.1
SSW	.[illegible]	4.4	5.4	1.7	.1							11.9	7.8
SW	.1	2.3	6.9	2.3								11.7	8.7
WSW	.[illegible]	2.2	4.3	1.6	.2							[illegible].6	8.7
W	.1	1.7	1.1	.3								3.2	6.7
WNW		.7	.7	.8								2.1	8.5
NW		.7	.1									.8	5.4
NNW	.1	.4	.2									.8	6.[illegible]
VARBL													
CALM												14.3	
	3.[illegible]	30.7	37.1	13.6	.6							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

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

…AL CLIMATOLOGY …ANCH
…AFETA…
A… WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: …227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: JUN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	1.9	1.2								3.9	9.2
NNE	.1	1.2	2.2	.6	.1							4.2	8.6
NE		.8	2.7	2.1								4.9	10.1
ENE	.1	1.6	2.7	.6								4.9	7.8
E	.3	.3	.4	.1								1.7	6.3
ESE		.2	.1									.3	5.7
SE		.1	.3	.1								.6	8.8
SSE	.1	.2	1.1	1.0	.3							2.6	10.8
S	.1	2.2	6.4	4.0	.1							12.9	9.7
SSW		1.7	4.5	3.3	.2							9.8	10.0
SW		1.1	8.9	6.1	.3							16.4	10.9
WSW	.4	2.6	8.9	6.3	.3	.1						18.7	9.8
W	.1	2.2	4.0	2.2	.2							8.8	9.1
WNW		.9	.9	.4								2.1	8.3
NW	.1	.3	.3	.1	.1							1.4	6.1
NNW		.2	.3	.6								1.1	9.8
VARBL													
CALM												3.6	
	1.6	16.8	45.4	30.9	1.8	.1						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 900

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

.L RAL CLIMATOLOGY BRANCH
USAFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: ...227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: JUN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	2.8	1.2								5.7	6.6
NNE		.3	1.3	2.2								3.9	11.1
NE		.1	1.9	1.1	.2							3.3	10.3
ENE		.4	1.1	.3								2.3	9.1
E		.2	.7	.3								1.2	8.8
ESE		.1										.1	4.0
SE		.1	.2	.8								1.1	11.1
SSE		.2	1.2	.6	.1	.1						2.2	10.4
S	.2	1.7	4.5	3.1	.1	.1						9.8	9.
SSW	.1	.2	2.7	2.7								5.7	10.[illegible]
SW		.6	6.7	9.9	.8							17.9	11.6
WSW		2.0	13.0	13.3	1.0	.1						29.4	11.0
W	.1	1.6	6.3	3.2	.3	.1						11.7	9.8
WNW		.7	.6	.7	.1							2.0	9.2
NW		.1	.3	.3								.6	9.9
NNW		.1	.7	.6								1.3	10.5
VARBL													
CALM												1.6	
	.4	10.1	44.3	40.8	2.7	.4						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 900

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

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

SURFACE WINDS

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

STATION: 7[illegible]227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: JUN

CLASS: ALL WEATHER | HOURS (L.S.T.): 1[illegible]00-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	2.9	1.7								5.1	9.8
NNE		.4	1.7	1.7	.2							4.0	10.8
NE	.1	.2	1.7	1.1								3.1	9.6
ENE		.6	1.0	.6								2.1	9.2
E		.3	.4									.7	7.0
ESE		.1	.1									.2	6.0
SE		.1	.3	.1								.6	8.2
SSE		.2	.9	.3	.3	.1						1.8	12.0
S	.1	1.7	5.1	1.4	.3							8.7	9.1
SSW	.3	1.0	2.4	1.9								5.6	9.4
SW	.1	1.8	8.0	10.7	.7	.1						21.4	11.0
WSW		2.8	16.9	10.7	1.0	.3						31.6	10.5
W		1.3	4.9	2.0								8.1	9.2
WNW	.1	.3	1.2	.3								2.0	8.7
NW		.4	.7	.7								2.0	9.5
NNW		.6	.4	.2								1.2	7.5
VARBL													
CALM												1.9	
	.9	12.2	48.6	33.4	2.6	.6						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 72627 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: JUN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.2	2.1	.7								4.1	8.1
NNE		.7	2.1	.6								3.6	8.2
NE		1.9	.8	1.2								3.9	8.3
ENE		.8	.9									1.7	6.5
E	.2	.8	.8									1.8	6.3
ESE	.1	1.0	.3	.1								1.6	6.1
SE	.3	1.7	.7	.1								2.8	5.7
SSE	.3	1.4	.9	.2								2.9	6.4
S	.6	6.1	3.7	1.3	.4							12.1	7.3
SSW	.2	5.6	4.6	.8								11.1	6.6
SW	.7	7.4	9.2	3.0	.1							20.4	7.6
WSW	.3	5.0	6.7	3.4	.2							15.7	8.5
W	.1	1.7	1.4	.4								3.7	7.5
WNW		1.1	.4	.1								1.7	6.4
NW	.1	.5	1.0	.2								1.9	7.5
NNW		.6	.3	.1								1.0	7.7
VARBL													
CALM												10.2	
	3.1	37.7	35.9	12.3	.8							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

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

.. RAL CLIMATOLOGY BRANCH
.. ETAC
A.. EAT.. SERVICE/MAC

SURFACE WINDS

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

.. 227 — STATION
WATERTOWN NY — STATION NAME
74-83 — 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		.5	1.1	.4								1.9	8.4
NNE	.3	.7	1.1	.5								2.5	7.8
NE	.1	1.1	.5	.5								2.1	7.4
ENE	.1	2.0	.9									3.0	5.4
E	.4	5.9	.7	.1								7.0	5.2
ESE	.3	1.7	.4	.1								2.6	5.5
SE	.3	2.9	.8	.1								4.3	5.5
SSE	.5	3.9	.9	.6	.2							6.1	6.7
S	1.3	12.4	6.3	2.4	.2							23.1	6.6
SSW	.5	5.8	2.3	.6								9.3	6.2
SW	.3	4.2	3.2	.6	.4							8.8	7.2
WSW	.3	1.4	2.3	.8								4.8	8.1
W		.6	.4	.5								1.4	8.3
WNW		.3	.5	.2								1.4	7.4
NW	.1	.2	.4		.1							.8	8.0
NNW		.4	.4	.1								.8	7.4
VARBL													
CALM												20.0	
	5.5	44.3	21.8	7.5	1.0							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 640

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

L AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 72?27 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: JUN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	1.9	.7	.0							3.8	8.3
NNE	.1	.8	1.4	.8	.1							3.2	8.8
NE	.1	1.0	1.3	1.0	.0							3.5	8.6
ENE	.2	1.9	1.2	.3								3.5	6.6
E	.3	2.6	.6	.1								3.5	5.3
ESE	.2	.8	.3	.1								1.4	5.5
SE	.3	1.1	.4	.2								1.9	6.1
SSE	.2	1.6	1.2	.6	.1	.0						3.6	8.0
S	.5	6.4	5.8	2.8	.2	.0						15.7	7.8
SSW	.4	3.7	3.6	1.6	.0							9.2	7.8
SW	.3	3.0	6.1	4.8	.3	.0						14.5	9.5
WSW	.2	2.4	7.0	4.9	.4	.1						15.0	9.9
W	.1	1.4	2.5	1.2	.1	.0						5.3	8.8
WNW	.1	.7	.6	.4	.0							1.8	7.9
NW	.1	.4	.5	.2	.0							1.2	6.1
NNW	.1	.3	.3	.2								.9	6.1
VARBL													
CALM												11.9	
	2.3	29.3	34.7	19.8	1.3	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 6985

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]227 | STATION NAME: WATERTOWN NY | YEARS: 74-82 | MONTH: JUL

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.9	1.9									3.8	6.6
NNE	.1	.5	.2	.1								1.0	6.5
NE	.1	1.6	.4	.1								2.2	5.7
ENE	.4	3.0	.2									3.6	4.7
E	1.2	5.7	.4									7.3	4.6
ESE	.3	1.7	.3									2.4	4.7
SE	.5	1.8										2.3	4.2
SSE	.3	3.2	1.6	.1								5.4	5.8
S	1.3	15.1	6.7	1.1								24.1	6.3
SSW	.3	7.6	3.9	.4								12.5	6.2
SW	.1	3.3	3.0	.7								6.8	7.3
WSW		1.3	.3	.4	.1							2.6	7.5
W		.6	.8	.1								1.6	7.4
WNW		.3	.7	.2								1.2	8.8
NW		.3	.2									.5	7.3
NNW		.4	.2	.1								.7	6.8
VARBL													
CALM												22.1	
	5.4	47.8	21.3	3.3	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 637

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

.L ?AL CLIMATOLOGY BRANCH
.ATETAC
A. .EAT ER SERVICE/MAC

SURFACE WINDS

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

STATION: ..227 STATION NAME: ATERTOWN NY YEARS: 74-83 MONTH: JUL

CLASS: ALL WEATHER HOURS (L.S.T.): .300-0500

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.3	.7	.1								2.3	6.6
NNE	.[illegible]	1.0	.5									2.0	5.2
NE	.[illegible]	1.2	.3									1.6	5.2
ENE	.3	2.9	.1									3.5	4.6
E	.3	5.8	.2									6.8	4.4
ESE	.[illegible]	1.4										1.6	4.[illegible]
SE		1.4	.5									1.[illegible]	5.3
SSE		2.4	1.4	.2								4.0	6.4
S	1.2	13.2	7.5	.9								22.8	6.4
SSW	.9	7.7	5.2	.6								14.4	6.3
SW	.6	3.7	3.1	.5	.1							7.9	6.0
WSW	.[illegible]	1.6	1.2	.3	.1							3.5	7.1
W		.6	.3									.9	5.9
WNW		.5	1.2									1.6	6.8
NW		.1		.1								.2	6.[illegible]
NNW	.1	.3	.2	.1								.8	7.1
VARBL													
CALM												24.2	
	5.4	44.9	22.4	2.9	.2							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 866

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

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7 227	WATERTOWN NY	74-83	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]-0500

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.9	1.5	.2								4.[illegible]	6.6
NNE		.9	1.3	.1								1.9	7.6
NE	.1	1.6	1.1	.2								3.0	6.7
ENE	.[illegible]	1.6	.9	.2								3.0	6.3
E	1.3	2.7	.2									3.5	4.2
ESE	.[illegible]	.1										.3	3.3
SE	.[illegible]	.5	.5	.1								1.4	6.2
SSE	.3	1.5	1.4	.2								3.4	6.7
S	1.[illegible]	[illegible].7	8.1	1.9								20.6	6.9
SSW	.4	6.7	7.7	1.8								16.7	7.4
SW	.[illegible]	4.1	5.9	2.3	.1							12.6	6.2
WSW	.1	2.7	2.8	.9	.3							6.[illegible]	6.1
W	.1	.3	1.1	.3								2.3	8.0
WNW	.2	.8	.5	.2	.1							1.8	7.4
NW		.6	1.3	.2								1.8	7.9
NNW	.1	.5	.6	.2								1.5	7.4
VARBL													
CALM												15.3	
	5.1	36.0	34.2	8.9	.5							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

STATION: [illegible] 7 — STATION NAME: WATERTOWN NY — YEARS: 74-83 — MONTH: JUL

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.[illegible]	2.2	1.3	.1							[illegible]	9.[illegible]
NNE	.2	.8	1.7	.6								3.3	8.4
NE		.1	.4	.3								.9	9.[illegible]
ENE		.5	1.5	.4								2.5	[illegible]
E	.1	.5	.2	.1								1.0	6.1
ESE		.1	.1	.2								.4	9.[illegible]
SE	.1	.6	.3	.2								1.3	7.2
SSE		.4	.3	.5								1.3	6.9
S	.1	2.0	6.1	2.6								1[illegible].9	8.9
SSW		1.4	6.3	3.0								10.8	9.5
SW	.2	2.9	9.1	7.7	.6							20.6	10.[illegible]
WSW	.3	3.8	9.3	5.7	.8	.1						21.4	9.7
W	.1	1.2	6.7	1.5	.2							9.7	8.[illegible]
WNW	.3	.6	1.2	.3								2.5	7.7
NW		1.1	1.4	.6								3.1	6.4
NNW		1.1	1.3	.9								3.1	6.4
VARBL													
CALM												[illegible].1	
	1.5	1[illegible].8	48.7	26.0	1.7	.1						[illegible]	9.[illegible]

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: JUL

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]-14[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	.[illegible]	2.3	1.6								[illegible].5	9.6
NNE		.1	.[illegible]	.5								[illegible].4	10.[illegible]
NE		1.1	.[illegible]	.4								[illegible].2	7.7
ENE	.1	.[illegible]	.[illegible]									[illegible].6	6.4
E		.[illegible]	.[illegible]	.1								1.3	6.1
ESE		.4	.3									.8	6.[illegible]
SE		.2										.2	4.5
SSE		.2	.[illegible]	.3								1.3	9.3
S		.[illegible]	3.[illegible]	1.6	.1							[illegible].2	9.7
SSW		.[illegible]	3.[illegible]	1.8	.6							[illegible].3	10.5
SW		1.[illegible]	8.5	10.[illegible]	1.4							[illegible].9	11.5
WSW		1.[illegible]	13.[illegible]	14.1	2.[illegible]	.2						[illegible].3	11.7
W		.1	9.1	5.5	.1							14.[illegible]	10.4
WNW		.1	1.7	.3								[illegible].2	9.4
NW		.3	1.[illegible]	1.[illegible]								[illegible].[illegible]	10.3
NNW		.3	1.[illegible]	1.[illegible]								[illegible].8	9.7
VARBL													
CALM												.8	
	.2	.[illegible]	48.3	35.3	4.3	.2						1[illegible].[illegible]	1[illegible].6

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

[illegible]AL CLIMATOLOGY BRANCH
[illegible]FETAC
AI[illegible] [illegible]ATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] 27 | STATION NAME: [illegible]ATERTOWN NY | YEARS: 74-83 | MONTH: [illegible]

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

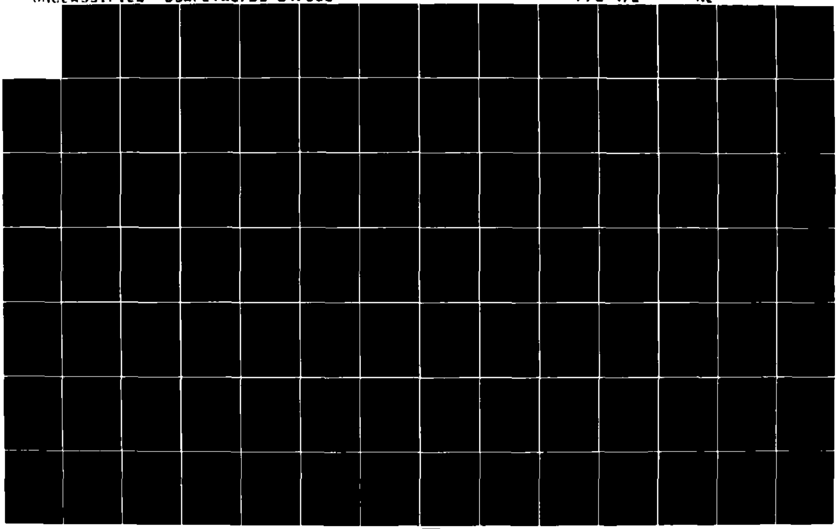
CONDITION:

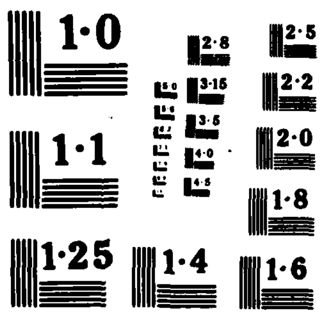
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.[illegible]	[illegible].4	[illegible].2								[illegible]	9.[illegible]
NNE		.[illegible]	.[illegible]	.5								[illegible]	9.4
NE		.[illegible]	.[illegible]	.1								1.[illegible]	6.4
ENE		.3	.5	.1								1.[illegible]	7.7
E	.1	.[illegible]	.[illegible]	.1								1.[illegible]	7.[illegible]
ESE	.1			.2								.3	9.3
SE		.[illegible]	.3									.[illegible]	7.[illegible]
SSE	.1	.4	.[illegible]	.1								1.4	7.5
S		1.2	2.3	2.0								[illegible].5	9.4
SSW	.[illegible]	.[illegible]	3.2	2.5	.2							[illegible].6	1[illegible].3
SW		1.3	[illegible].7	11.1	.3							21.4	1[illegible].9
WSW	.1	3.0	17.3	15.2	1.6	.1						37.3	1[illegible].7
W		.[illegible]	6.1	3.3	.2	.1						1[illegible].6	1[illegible].2
WNW	.1	.[illegible]	.5	.6	.1							[illegible]	9.1
NW		.[illegible]	.[illegible]	.4								1.3	9.5
NNW		.1	1.1	.8								1.[illegible]	9.[illegible]
VARBL													
CALM												1.3	
	.[illegible]	10.5	46.5	38.4	2.5	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

AD-A159 640 WATERTOWN NEW YORK REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. OCT 84 2/5

UNCLASSIFIED USAFETAC/DS-84/035 F/G 4/2 NL

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 74227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: JUL

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	1.9	.9								4.2	6.4
NNE		.8	1.0	.5								2.3	6.4
NE		1.3	1.2	.6								3.1	7.8
ENE	.1	.7	.1	.1								.9	6.0
E		1.2	.3									1.5	5.5
ESE	.1	.9										1.0	4.6
SE	.3	1.1	.4									1.9	5.6
SSE	.3	1.3	.7	.2								2.5	6.6
S	.4	7.4	4.3	.5								12.7	6.3
SSW	.4	8.0	3.3	.8	.1							12.5	6.4
SW	.6	6.2	10.9	3.3								21.0	8.0
WSW	.3	5.1	8.6	3.3	.3							17.6	8.5
W		1.6	2.3	.4								4.3	7.6
WNW	.1	1.0	.3	.2								2.2	7.0
NW		.1	.5									.6	7.5
NNW	.3	.1	.4	.3								1.1	6.5
VARBL													
CALM												11.9	
	3.3	37.5	36.6	11.2	.4							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GL.BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7_6227	WATERTOWN NY	74-83	JUL

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.2	.2	.1							2.3	8.3
NNE		1.3	.2									1.5	5.4
NE		.9	.5	.2								1.5	7.2
ENE	.2	2.9	.9	.1								4.1	5.6
E	.3	4.9	.1									5.4	4.9
ESE	.7	1.6	.2									2.5	4.4
SE	.3	1.8	.9	.1								3.2	5.1
SSE	.5	3.9	1.3	.2								5.9	5.6
S	1.4	13.9	6.6	1.0								22.9	6.1
SSW	.2	5.6	3.2	.7								9.8	6.5
SW	.3	3.3	2.6	1.2								7.4	7.2
WSW	.1	.9	2.9	.7	.1							4.7	8.5
W	.1	.2	.6	.3								1.3	8.5
WNW		.5	.6	.2								1.3	8.2
NW		.7	.6	.1								1.4	7.2
NNW		.2	.5									.7	7.5
VARBL													
CALM												24.2	
	4.4	43.4	22.7	5.2	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 669

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

[illegible] RAL CLIMATOLOGY BRANCH
[illegible]FETAC
AI[illegible] EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]227	[illegible]ATERTOWN NY	74-83	JUL

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.2	1.9	.7	.0							3.9	8.3
NNE	.1	.7	.8	.3								1.9	7.7
NE	.1	1.0	.6	.3								1.9	7.1
ENE	.2	1.5	.6	.1								2.5	5.9
E	.5	2.6	.3	.0								3.4	5.0
ESE	.2	.7	.1	.1								1.1	5.0
SE	.2	.9	.4	.1								1.6	5.5
SSE	.3	1.6	1.0	.2								3.1	6.5
S	.7	7.7	5.6	1.5	.0							15.5	6.9
SSW	.4	4.7	4.5	1.5	.1							11.2	7.6
SW	.3	3.2	6.6	4.7	.3							15.[illegible]	9.4
WSW	.2	2.5	7.2	5.2	.7	.1						15.8	10.1
W	.0	.7	3.5	1.5	.1	.0						5.8	9.4
WNW	.1	.6	.9	.3	.0							1.9	8.0
NW		.4	.7	.3								1.5	8.6
NNW	.1	.4	.8	.4								1.6	8.6
VARBL													
CALM												12.4	
	3.2	30.4	35.5	17.2	1.3	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7224

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 227 — STATION | WATERTOWN NY — STATION NAME | 74-83 — 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	.3	1.2	.5									2.0	5.4
NNE		1.2	.2	.1								2.2	6.6
NE	.3	1.5	1.1	.3								3.1	6.7
ENE	.3	4.2	.5	.3								5.7	5.3
E	.6	7.5	.5									8.7	4.7
ESE	.3	1.8										2.2	4.1
SE	.4	1.8	.2	.2								2.7	5.3
SSE	.3	2.8	1.8	.2								5.2	6.1
S	.6	10.6	5.3	1.4								18.0	6.4
SSW	.2	4.1	2.3	.3								6.9	6.2
SW	.2	1.9	2.3	.2								4.5	6.9
WSW		2.3	1.9	.6	.1							4.8	7.4
W		1.0	2.3	1.0								4.2	8.9
WNW		.4	.6	.1								1.2	7.5
NW	.1	.3		.1								[illegible]	6.2
NNW		.2		.1								.3	7.3
VARBL													
CALM												27.8	
	4.1	42.8	20.1	5.1	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

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

.L AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
72227	WATERTOWN NY	74-83	AUG

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2	1.0	.1								1.9	7.0
NNE	.1	1.3	.4									1.6	5.6
NE		3.5	.8	.4								4.7	6.1
ENE	.3	4.2	.8	.2								5.4	5.6
E	1.0	7.7	.5									9.2	4.8
ESE	.3	1.5										1.8	3.8
SE	.1	1.5	.2	.1								2.3	5.3
SSE	.2	2.2	1.2	.4								4.0	6.7
S	1.2	10.4	4.9	1.2	.1							17.8	6.4
SSW	.3	3.5	1.9	.4								6.2	6.4
SW	.1	2.7	1.1	.8								4.6	6.8
WSW	.1	1.3	1.7	.6	.2							4.0	8.6
W	.2	1.1	1.4	1.0	.3							4.0	8.9
WNW	.1	.1	.3	.3								.9	9.0
NW		.2	.1									.3	6.7
NNW		.5	.2									.6	5.6
VARBL													
CALM												30.2	
	4.1	43.0	16.6	5.6	.6							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

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)

STATION: 7?227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: AUG

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.4	1.6	.4								3.7	7.1
NNE	.1	[illegible]	1.2	.3								2.2	8.0
NE	.3	2.2	2.4	.5								5.4	7.2
ENE	.3	5.2	2.3									7.7	5.8
E	.9	5.1	.5	.1								6.6	4.9
ESE	[illegible]	.4	.1									1.1	3.9
SE		.4	.2									.6	6.5
SSE		1.6	1.7	.4								3.8	7.1
S	1.3	8.3	7.4	1.7								16.7	6.9
SSW	.3	3.5	2.5	.6								7.0	6.8
SW		1.8	2.6	.9	.3							5.6	8.6
WSW	.1	1.7	2.5	1.7	.1							6.1	9.0
W		1.1	2.0	1.6	.1							4.8	9.5
WNW	.1	.4	.5	.4								1.5	8.1
NW		.2	.3	.4								1.0	9.0
NNW		.4	.3	.2								1.0	8.1
VARBL													
CALM												23.3	
	4.2	34.3	28.2	9.5	.5							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

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)

STATION: 7[illegible]227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: AUG

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.2	2.9	.6	.1							6.0	7.6
NNE	.3	1.2	2.8	.9								5.1	6.1
NE	.3	1.5	3.3	1.3								6.3	8.3
ENE	.2	1.9	3.2	.2								5.6	7.2
E	.1	.6	.5									1.3	6.0
ESE		.1	.1									.2	6.0
SE	.3	.3	.6	.1								1.4	7.2
SSE		.6	.8	.5								1.9	8.8
S	.3	3.4	5.6	1.6								10.9	8.0
SSW	.3	2.5	6.2	2.2								11.2	8.5
SW	.1	2.0	6.7	3.4	.1							12.4	9.5
WSW	.1	3.7	9.7	4.1	.4							18.0	9.5
W	.4	1.9	3.4	1.9	.4							8.2	9.2
WNW	.1	1.3	1.3	.3	.1							3.1	7.8
NW	.1	.6	.8	.2								1.7	7.6
NNW		.6	.5	.2								1.4	7.8
VARBL													
CALM												5.4	
	2.7	24.6	48.5	17.6	1.2							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 726227   STATION NAME: WATERTOWN NY   YEARS: 74-83   MONTH: AUG

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.6	2.9	1.0	.1							5.8	8.1
NNE	.1	1.2	2.0	.5								3.9	8.0
NE	.1	1.2	3.0	.9	.1							5.3	8.7
ENE		.9	1.3	.2								2.3	7.9
E	.2	1.1	.1									1.4	4.7
ESE	.1		.4									.5	8.6
SE			.1									.1	8.0
SSE		.2	.3	.2								.8	9.0
S		.6	3.7	1.6	.1							6.0	9.5
SSW	.1	.9	3.0	1.7	.1							5.8	9.4
SW	.1	1.1	7.8	6.5	1.1							16.6	11.0
WSW	.3	2.4	13.0	12.7	1.2	.1						29.7	10.8
W	.1	2.2	8.0	2.6	.8							13.7	9.7
WNW		.5	1.1	.3								1.9	8.2
NW		.9	1.1	.3								2.3	8.0
NNW	.1	.4	1.1	.4								2.0	8.8
VARBL													
CALM												2.0	
	1.5	14.9	49.0	26.9	3.4	.1						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 930

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

L AL CLIMATOLOGY BRANCH
ETA
A EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 7 227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: AUG

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	.1	1.9	3.2	.8								5.9	8.0
NNE	.1	1.1	1.6	1.0								3.8	8.3
NE		.6	1.7	1.0	.1							3.4	9.2
ENE		.7	1.3	.3								2.2	8.6
E		.2	.2	.2								.6	8.2
ESE		.1	.2	.1								.4	8.5
SE		.1	.3									.4	7.5
SSE		.2	.8	.2								1.2	8.8
S		.9	2.8	1.0								4.5	8.8
SSW		1.0	3.9	1.2								6.1	9.2
SW	.1	1.7	9.2	6.7	.3							18.1	10.2
WSW	.1	3.0	15.7	11.0	1.1							30.9	10.2
W		3.4	7.2	2.5	.6							13.8	9.0
WNW		.6	1.0	.5								2.2	8.8
NW		.4	1.0	.3								1.7	8.8
NNW	.1	.2	1.5	.4								2.3	9.0
VARBL													
CALM												2.7	
	.5	15.7	51.8	27.1	2.2							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

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

JL [illegible]AL CLIMATOLOGY [illegible]RANCH
[illegible]FETAC
A[illegible] [illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] 227 — STATION
[illegible]ATERTOWN NY — STATION NAME
74-83 — YEARS
AUG — MONTH
ALL WEATHER — CLASS
1200-[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		[illegible].2	1.5	.1								[illegible]	6.7
NNE	.1	1.[illegible]	1.9	.2								3.9	7.[illegible]
NE	.1	1.6	1.2	.3								3.2	7.[illegible]
ENE		1.3	1.5	.2								3.5	7.[illegible]
E	.[illegible]	1.7	.3									2.4	[illegible]
ESE	.3	.6	.[illegible]									1.2	4.5
SE	.1	1.1	.5									1.7	5.5
SSE	.5	1.4	1.3	.2								3.2	6.6
S	1.4	8.3	3.5	.2								13.4	5.5
SSW	.9	5.2	3.2	.2								9.5	6.[illegible]
SW	.4	6.7	7.[illegible]	.9	.1							15.1	7.1
WSW	.4	5.4	5.2	2.2	.3							13.4	8.[illegible]
W	.1	1.2	1.6	.8	.5		.1					4.3	10.2
WNW		.4	.5	.1								1.1	7.5
NW		.3	1.3	.2								1.8	9.[illegible]
NNW		.9	.4	.1								1.4	7.[illegible]
VARBL													
CALM												17.1	
	4.5	40.3	31.3	5.7	1.0		.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

GL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7 227	WATERTOWN NY	74-93	AUG

CLASS	HOURS (L.S.T.)
ALL WEATHER	000-2300

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	.3	.3								[illegible].2	6.6
NNE	.1	1.[illegible]	.3	.2								[illegible].3	6.[illegible]
NE	.1	1.3	.3	.1								[illegible].9	6.3
ENE	.3	4.4	1.7	.1								[illegible]	5.4
E	.4	6.3	.4									6.9	4.9
ESE	.[illegible]	1.7	.2									[illegible].6	4.2
SE	.[illegible]	2.8	.4									4.[illegible]	5.0
SSE	.[illegible]	3.2	2.3									5.8	5.6
S	.3	14.4	5.5	.8								21.4	6.1
SSW	.[illegible]	5.4	2.[illegible]	.1								8.3	5.9
SW	.1	2.2	.3	.3								3.4	6.6
WSW		1.3	2.2	.9								4.3	8.3
W		.[illegible]	.3	1.0	.2							2.6	10.3
WNW	.1	.3	.6	.2								1.5	7.9
NW			.3	.1								.4	9.6
NNW		.3	.1									.4	5.6
VARBL													
CALM												24.8	
	4.3	47.7	18.3	4.1	.2							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] PAL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] [illegible]ATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
727	[illegible]TERTOWN NY	74-33	ALL

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.[illegible]	1.7	.4	.0							[illegible]	7.[illegible]
NNE	.1	1.2	1.4	.4								[illegible]	7.5
NE	.1	1.7	1.[illegible]	.6	.0							4.3	7.[illegible]
ENE	.2	2.[illegible]	1.5	.2								4.[illegible]	6.[illegible]
E	.4	3.7	.4	.0								4.6	4.9
ESE	.3	.[illegible]	.2	.0								[illegible]	4.6
SE	.1	1.[illegible]	.3	.1								1.7	5.6
SSE	.3	1.5	1.2	.3								[illegible]	6.7
S	.3	7.1	4.2	1.2	.0							1[illegible].6	6.6
SSW	.[illegible]	3.3	3.1	.8	.0							7.6	7.[illegible]
SW	.1	2.[illegible]	4.7	2.4	.2							10.0	9.[illegible]
WSW	.1	2.6	6.5	4.2	.4	.0						13.9	9.7
W	.1	1.5	3.4	1.5	.4		.0					6.5	9.4
WNW	.1	.6	.3	.3	.0							1.7	8.[illegible]
NW	.[illegible]	.4	.6	.2								[illegible].2	8.3
NNW	.[illegible]	.[illegible]	.5	.2								1.2	7.[illegible]
VARBL													
CALM												1[illegible].7	
	7.3	32.9	33.[illegible]	12.9	1.2	.0	.0					1[illegible]	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS 744[illegible]

?L ?AL CLIMATOLOGY BRANCH
?ETAC
A? ?EAT?ER SERVICE/MAC

SURFACE WINDS

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

STATION: ??227 | STATION NAME: ?ATERTOWN NY | YEARS: 74-83 | MONTH: SEP

CLASS: ALL WEATHER | HOURS (L.S.T.): [illegible]00-02[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 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.[illegible]	1.6	.3								3.8	6.9
NNE	.1	2.1	1.1	.2								3.6	6.9
NE	.2	1.9	1.[illegible]	.9								4.8	7.5
ENE	.2	6.[illegible]	.3									7.8	5.1
E	.7	6.4	.2									7.3	4.7
ESE	.2	1.[illegible]										[illegible].0	4.2
SE		1.[illegible]	.4	.3								[illegible].2	6.8
SSE		2.1	3.0	.7								5.8	7.8
S	.2	[illegible].3	7.8	3.5	.2							2[illegible].0	8.0
SSW	.3	3.6	1.9	.4	.1							[illegible].4	6.7
SW	.1	1.1	1.2	1.5	.2							4.1	9.7
WSW	.1	1.7	1.7	.8								4.3	7.9
W	.1	1.0	1.3	1.0	.3							3.8	9.6
WNW		1.0	2.0	.7								3.7	8.4
NW		.2	.1	.1								.4	7.3
NNW	.1	.2	.8	.2								1.3	8.2
VARBL													
CALM												10.6	
	2.5	41.6	26.0	10.5	.9							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 894

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)

STATION: 72227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: SEP

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	1.6	.8								3.9	6.1
NNE	.2	1.3	1.0	.3								2.9	6.9
NE	.1	2.6	1.6	.8								5.0	7.2
ENE	1.0	5.6	1.0	.4								8.1	5.5
E	.7	6.4	.6									7.6	4.8
ESE	.3	1.1	.3	.1								1.8	5.6
SE	.1	1.1	.4									1.7	5.5
SSE		3.0	1.7	.4	.1							5.3	6.8
S	.3	9.6	8.9	3.8	.3							23.5	7.9
SSW	.3	2.7	1.6	.6								5.1	6.6
SW	.1	.8	2.5	1.1								4.5	8.9
WSW	.1	1.3	1.1	1.1	.1							3.8	9.0
W		.6	1.5	.4	.2							2.7	9.3
WNW		1.3	1.0	.6								2.9	7.8
NW	.1	1.0	.4									1.6	6.4
NNW		.7	.5	.3								1.6	8.2
VARBL													
CALM												18.1	
	3.8	40.7	25.7	10.9	.8							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 894

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

SURFACE WINDS

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

STATION: [illegible] 227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: SEP

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.8	2.4	1.0								5.3	8.3
NNE	.1	.7	1.8	.4								3.0	8.4
NE	.3	2.8	2.4	.7								6.2	7.0
ENE	.3	4.7	3.0	.6	.1							8.7	6.7
E	.6	4.2	.4									5.2	4.7
ESE	.1	1.9	.1									2.1	5.0
SE	.1	1.3	.1									1.6	5.0
SSE	.3	1.8	1.6	.8								4.5	7.6
S	.3	7.6	11.8	4.6	.2							24.9	8.3
SSW	.4	3.6	2.8	.7								7.6	6.6
SW		1.8	1.4	1.1								4.3	7.9
WSW	.4	1.3	.9	.9	.3							3.8	8.7
W		.9	1.4	1.2	.1							3.7	9.7
WNW	.1	.7	1.4	.2								2.4	7.8
NW		.7	1.1									1.8	7.1
NNW	.1	.6	.8	.1								1.6	7.4
VARBL													
CALM												13.3	
	3.9	36.2	33.6	12.2	.8							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 898

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)

STATION	STATION NAME	YEARS	MONTH
[illegible]227	WATERTOWN NY	74-83	SEP

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.2	2.6	1.3								6.7	7.9
NNE		1.1	3.9	1.9								6.8	9.3
NE	.1	1.4	2.3	1.1	.1							5.1	9.0
ENE		1.7	1.9	.7								4.2	7.9
E		1.4	.8	.2								2.4	6.4
ESE	.2	1.2	.3									1.6	5.3
SE		.6	.6	.1								1.2	7.0
SSE		.6	1.4	.9	.1							3.0	9.7
S	.3	3.3	7.6	4.3	.7							16.1	9.6
SSW	.3	1.3	7.0	3.8								12.4	9.5
SW		1.4	4.8	4.0	.6							10.8	10.4
WSW	.2	1.8	4.0	2.2	1.0							9.2	10.0
W		1.4	2.9	1.8	.4							6.6	9.9
WNW		1.2	1.8	1.2								4.2	8.9
NW		.7	.7	.4								1.8	8.1
NNW		.9	.9	.8								2.6	8.6
VARBL				.1								.1	15.0
CALM												5.0	
	1.7	22.3	43.2	24.9	2.9							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

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] [illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 7[illegible]6227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: SEP

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.1	2.9	1.7	.1							6.9	8.6
NNE		1.2	2.[illegible]	2.3								6.3	9.7
NE		.7	1.9	1.0								3.6	9.3
ENE	.1	.6	1.3	.3								2.3	8.3
E	.1	.4	.3									.9	6.4
ESE	.1	.2	.7									1.[illegible]	6.9
SE		.7	.6									1.2	6.7
SSE		.7	1.2	.6								2.4	8.7
S		.8	3.3	4.3	.6	.1						9.1	11.6
SSW	.1	.8	3.6	4.9	.1							9.4	10.9
SW	.1	.9	6.2	6.7	.4	.1						14.3	11.2
WSW		2.3	7.2	9.3	.9	.1						19.9	11.2
W	.[illegible]	1.2	5.9	3.7	1.0							12.[illegible]	10.4
WNW		1.0	.7	.7	.2							2.6	9.2
NW	.3	.6	1.2	.3	.1							2.6	8.3
NNW	.1	.9	1.3	.2								2.6	7.3
VARBL													
CALM												2.9	
	1.3	14.9	41.1	36.0	3.4	.3						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 900

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)

STATION: 726227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: SEP

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	.1	2.3	3.3	.9								7.1	7.7
NNE	.1	1.4	2.9	1.3								5.6	8.4
NE	.1	1.3	1.4	.9								3.4	8.5
ENE		.9	1.0	.1								2.0	7.3
E	.1	.6	.4									1.1	5.8
ESE		.2	.2									.4	7.5
SE		.2	1.0									1.2	8.0
SSE		.3	1.0	.3								1.7	9.5
S		2.0	3.8	2.1	.2							8.1	9.1
SSW		1.2	3.4	1.6								6.2	9.1
SW		2.6	7.4	6.7	1.4							15.1	10.5
WSW		2.8	11.9	7.6	1.6							23.7	10.4
W	.1	3.0	3.8	2.9	.6							10.3	9.5
WNW		.6	1.0	.2								1.8	7.8
NW	.1	.8	.7	.4								2.0	7.6
NNW		1.4	1.1	.6	.1							3.2	7.7
VARBL													
CALM												.8	
	.7	21.8	44.3	25.6	3.9							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

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)

STATION: 227
STATION NAME: WATERTOWN NY
YEARS: 74-83
MONTH: SEP
CLASS: ALL WEATHER
HOURS (L.S.T.): 1800-2000
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.9	1.3	.8								5.3	7.3
NNE	.3	1.4	1.6	.3								3.6	7.1
NE	.3	1.2	1.9	.2								3.6	7.1
ENE	.3	3.1	1.4	.2								5.0	6.4
E	.3	4.8	.7									5.8	5.0
ESE	.4	1.8	.2	.2								2.7	5.5
SE	.3	2.0	.7									3.0	5.6
SSE	.2	2.7	1.1	.6								4.6	6.6
S	.3	10.2	5.1	.9	.1							17.1	6.3
SSW	.1	4.1	2.7	.6								7.4	6.7
SW	.3	3.6	3.7	1.6								9.0	7.6
WSW		1.3	3.2	3.9	.4							8.9	10.6
W	.1	1.1	1.4	1.8	.6	.1						5.1	10.7
WNW		.7	.7	.4								1.8	8.5
NW		.3	.3	.3								1.4	9.6
NNW	.1	.3	.4	.1								1.0	7.2
VARBL													
CALM												14.5	
	3.1	41.0	27.3	11.9	1.1	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

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)

726227 STATION — WATERTOWN NY STATION NAME — 74-83 YEARS — SEP MONTH

ALL WEATHER CLASS — 0000-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.6	1.9	.3								4.0	7.3
NNE	.2	2.6	.7	.1								3.6	5.8
NE	.7	2.1	.9	.6								3.9	6.5
ENE	1.1	3.1	1.7	.1								6.0	5.4
E	.7	9.3	.7	.1								10.8	4.9
ESE	.3	1.0	.4	.2								2.0	5.9
SE	.2	1.4	.4	.2								2.3	5.9
SSE		3.0	1.3	.7	.1							5.6	7.2
S	.6	9.7	7.7	2.7	.1							20.7	7.3
SSW	.3	3.2	1.4	.3								5.3	6.2
SW	.1	1.3	.3	.4								2.7	7.2
WSW	.1	1.7	2.0	1.6	.1							5.4	8.7
W		.7	1.6	2.4	.7							5.3	11.7
WNW	.1	.1	1.4	.7	.2							2.6	10.3
NW		.3	.3									1.1	6.8
NNW		.8	.3									1.1	6.0
VARBL													
CALM												15.7	
	4.3	43.9	24.4	10.4	1.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

OL AL CLIMATOLOGY BRA CH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] 227 — STATION NAME: WATERTOWN NY — YEARS: 74-83 — MONTH: SEP

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.1	2.3	.9	.0							5.4	7.8
NNE	.1	1.[illegible]	1.[illegible]	.9								4.4	8.1
NE	.2	1.7	1.3	.8	.0							4.5	7.7
ENE	.4	3.5	1.5	.3	.0							5.8	6.2
E	.4	4.2	.5	.0								5.1	5.0
ESE	.1	1.2	.3	.1								1.7	5.4
SE	.1	1.1	.5	.1								1.8	6.2
SSE	.1	1.9	1.5	.6	.0							4.1	7.7
S	.4	6.4	7.0	3.3	.3	.0						17.4	8.2
SSW	.3	2.6	3.0	1.6	.0							7.5	8.1
SW	.1	1.7	3.5	2.9	.3	.0						8.5	9.8
WSW	.1	1.8	4.0	3.4	.6	.0						9.9	10.2
W	.1	1.2	2.5	1.9	.5	.0						6.2	10.1
WNW	.0	.8	1.3	.6	.1							2.7	8.6
NW	.1	.6	.7	.2	.0							1.6	7.7
NNW	.1	.7	.9	.3	.0							1.9	7.7
VARBL				.0								.0	15.0
CALM												11.5	
	2.7	32.8	33.2	17.8	1.9	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7186

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: OCT

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.6	1.7	.6	.1							4.3	7.9
NNE		1.1	1.4	.5	.1							3.1	8.6
NE	.3	2.7	2.3	.6								5.7	7.1
ENE	.4	6.0	1.5									8.1	5.4
E	.9	6.0	.3									7.1	4.7
ESE	.3	1.5	.4									2.2	4.9
SE	.1	1.4	1.0									2.5	6.[illegible]
SSE	.4	1.5	1.7	.3								4.0	7.2
S	.3	4.[illegible]	6.9	4.6	.5							17.2	6.9
SSW	.3	1.0	2.5	.9								4.6	8.4
SW	.4	.5	1.9	2.0	.3							5.3	10.4
WSW	.1	.9	.9	1.4	1.1	.1						4.4	12.3
W		1.1	1.9	3.2	.8							7.0	11.3
WNW		.4	1.5	1.3	.3							3.5	10.2
NW		1.0	1.2	.5								2.7	7.8
NNW		.5	.3									.9	6.5
VARBL													
CALM												15.5	
	3.3	34.0	27.3	16.1	3.2	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

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

L -AL CLIMATOLOGY BRANCH
-A-ETAC
A' -EAT-ER SERVICE/MAC

SURFACE WINDS

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

7--2-7	-ATERTOWN NY	74-83	OCT
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	.1	1.8	1.5	.5	.1	.1						4.2	7.9
NNE	.2	.2	2.6	.9	.1							4.0	9.4
NE	.2	2.0	2.2	.6								5.1	7.4
ENE	.9	5.2	.9	.2								7.1	5.4
E	.5	7.6	.8									8.9	4.8
ESE	.3	.6	.3									1.2	5.2
SE	.4	.4	.6	.4								1.9	7.2
SSE	.6	1.8	2.6	.8	.2							6.0	7.7
S	.4	4.4	7.4	3.1	.4							15.6	8.6
SSW	.1	1.6	1.6	1.6								5.3	8.1
SW	.1	.4	1.5	1.2	.8							4.0	11.4
WSW	.3	.6	2.5	.9	1.2	.1						5.5	11.3
W		1.0	1.8	2.7	.9							6.3	12.1
WNW	.1	.3	1.8	.8								3.4	6.6
NW	.1	.6	1.4	.1								2.3	7.5
NNW		.2	.1									.3	5.3
VARBL													
CALM												18.7	
	4.6	29.5	29.6	13.8	3.7	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

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)

STATION: [illegible]227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: OCT

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.[illegible]	2.0	2.0	1.3	.1							5.7	8.2
NNE	.3	1.7	1.3	.2								3.[illegible]	6.9
NE	.1	2.3	2.4	1.2	.1							6.2	8.1
ENE	.4	7.1	1.1	.5								9.1	5.5
E	.5	6.3	.5									7.5	4.8
ESE	.3	1.0	.2	.1								1.6	5.3
SE	.1	1.5	.9	.1								2.6	6.1
SSE	.3	.6	1.5	1.1	.2							3.7	9.7
S	.3	4.6	8.6	4.7	.4							16.6	9.0
SSW	.3	2.2	1.3	1.1								4.4	8.1
SW	.1	.5	1.3	1.2								3.1	10.0
WSW		.3	.9	1.4	1.0							3.5	12.7
W	.1	.9	1.4	2.7	1.3							6.3	12.2
WNW	.1	.9	2.2	1.8	.2							5.2	10.3
NW	.1	.2	.3	.4								1.6	8.8
NNW		.2	.9	.2								1.2	6.0
VARBL													
CALM												14.8	
	3.1	32.6	27.6	18.1	3.3							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

[illegible] AL CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] [illegible]AT FR SERVICE/MAC

SURFACE WINDS

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

[illegible]227 — STATION | WATERTOWN NY — STATION NAME | 74-83 — YEARS | OCT — MONTH

ALL WEATHER — CLASS | [illegible]-11[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	2.3	2.[illegible]	2.8	.1							7.6	9.[illegible]
NNE	.1	1.[illegible]	2.9	2.2	.1							[illegible].9	9.1
NE		2.3	1.[illegible]	.6	.6							[illegible].4	9.[illegible]
ENE	.1	2.4	3.3	.3								[illegible].1	7.4
E	.[illegible]	1.[illegible]	.6									[illegible]	5.6
ESE	.1	.4	.[illegible]									1.3	7.4
SE		.9	.6	.1								1.6	7.3
SSE		.5	1.5	1.1	.1							[illegible]	10.5
S	.[illegible]	2.3	7.[illegible]	4.8	1.0							1[illegible].6	10.1
SSW		1.6	4.3	3.3	.1							[illegible].4	9.6
SW		.6	2.6	3.7	.6							7.5	11.8
WSW		1.1	1.6	3.0	.5	.3						6.6	11.8
W	.1	1.1	1.3	3.7	1.8							6.5	12.[illegible]
WNW	.[illegible]	.6	2.7	1.8	.4							5.9	10.3
NW		.6	2.0	.5	.1							3.3	9.1
NNW	.1	1.3	1.2	.3								2.6	7.5
VARBL													
CALM												6.0	
	1.[illegible]	20.9	37.1	28.3	5.6	.3						1[illegible].0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

[illegible] AL CLIMATOLOGY [illegible]ANCH
[illegible]AFETAC
AI[illegible] [illegible]ATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]27 — STATION NAME: [illegible] NY — YEARS: 74-8[illegible] — MONTH: OCT

CLASS: ALL WEATHER — HOURS (L.S.T.): 1[illegible]-14[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 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.[illegible]	6.[illegible]	2.3	.2							1[illegible].4	9.[illegible]
NNE		.6	2.5	1.3	.4							4.8	10.[illegible]
NE	.1	1.[illegible]	1.5	1.5	.6							[illegible].5	9.6
ENE		.[illegible]	1.4	.2								2.3	7.5
E		1.1	.[illegible]	.2								1.9	6.4
ESE		.4	.2	.1								.8	6.7
SE	.1	.[illegible]	.5	.1								1.3	7.4
SSE		.4	.6	.6	.2							1.9	10.1
S		2.7	4.5	3.7	.5	.1						11.6	10.[illegible]
SSW	.1	.3	3.2	3.2	.5							7.8	11.[illegible]
SW		.6	3.[illegible]	5.7	1.2	.1						11.[illegible]	12.4
WSW	.1	1.6	6.1	5.9	2.3	.4						16.5	11.7
W	.1	1.6	4.6	6.3	1.2	.1						14.[illegible]	11.1
WNW	.1	.2	1.1	1.2								2.6	10.3
NW		.4	1.2	.6								[illegible].3	9.1
NNW	.1	.5	1.9	.8								3.4	8.5
VARBL													
CALM												1.9	
	.3	15.8	39.7	33.8	7.2	.8						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 930

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

SURFACE WINDS

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

STATION: [illegible]727 — STATION NAME: [illegible]ATERTOW[illegible] NY — YEARS: 74-83 — MONTH: OCT

CLASS: ALL WEATHER — HOURS (L.S.T.): [illegible]-17[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	3.2	4.8	1.8		.1						10.2	8.4
NNE		1.2	3.3	1.0	.3							5.8	9.0
NE	.1	.6	1.7	.9								3.3	8.6
ENE	.3	1.2	.9	.5	.1							3.5	7.2
E		1.2	.3									1.5	6.0
ESE		.2	.3									.5	6.0
SE	.1	.6	.2	.1								1.1	6.5
SSE	.1	.3	1.4	.9	.1							2.8	9.9
S	.4	2.8	4.4	1.8	.3							9.8	8.5
SSW	[illegible]	1.5	3.3	1.4								6.5	8.4
SW	.1	1.7	4.7	4.5	.5	.1						11.7	10.4
WSW	.3	3.3	5.1	5.9	1.9	.3						16.9	11.1
W	.2	2.9	4.4	4.1	.6	.1						12.4	10.1
WNW	.2	.8	1.5	1.6	.1							4.2	9.2
NW		.6	1.0	.3	.1							2.[illegible]	8.6
NNW		1.2	1.7	.6								3.5	8.3
VARBL													
CALM												4.[illegible]	
	2.4	24.1	39.0	25.5	4.2	.6						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

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)

STATION	STATION NAME	YEARS	MONTH
727	WATERTOWN NY	74-83	OCT

CLASS	HOURS (L.S.T.)
ALL WEATHER	1500-2000

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.5	2.8	1.0								6.6	7.6
NNE		2.4	1.5	1.3	.2							5.4	8.3
NE	.3	1.9	2.2	.5	.1							5.1	7.3
ENE		2.9	1.6	.1								4.6	6.4
E	.4	4.9	1.2									6.8	5.1
ESE	.5	2.2	.3									3.0	4.9
SE	.2	2.7	.4									3.3	5.2
SSE	.5	2.5	1.4	.2	.4							5.1	7.1
S	1.0	6.3	3.7	1.5	.3	.2						13.0	7.3
SSW	.3	1.6	1.6	.6								4.1	7.4
SW		1.7	1.7	1.7	.5	.1						5.6	10.0
WSW	.1	1.4	3.0	3.5	1.0							9.0	11.0
W		.4	1.5	3.1	1.0	.1						6.1	13.2
WNW		1.0	2.0	1.0	.1							4.1	9.0
NW		.8	2.2	.6	.1							3.7	8.9
NNW		1.2	.4	.5								2.2	8.0
VARBL													
CALM												12.3	
	3.9	36.3	27.5	15.8	3.8	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

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)

STATION: [illegible] 27 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: OCT

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.1	2.4	.8	.1							5.5	7.6
NNE	.1	1.0	1.7	.9	.2							3.9	9.1
NE	.1	2.2	1.0	1.2	.1							4.5	8.0
ENE	.4	5.7	1.9									8.0	5.7
E	[illegible]	6.6	1.4									8.8	5.1
ESE	.3	2.0										2.3	4.5
SE	.3	1.8	.4	.2								2.8	5.7
SSE	[illegible]	2.3	1.3	1.2								5.7	6.9
S	1.0	3.3	5.4	2.8	.5							13.0	8.5
SSW	.1	1.2	1.9	1.2								4.4	8.5
SW		1.0	1.3	1.5	.5	.1						4.4	11.2
WSW		1.5	1.1	2.6	1.7							6.9	12.4
W	.1	1.2	2.3	2.7	.8							7.0	10.9
WNW		.4	2.6	.8	.6							4.4	10.7
NW		.6	1.3	.3	.1							2.4	9.2
NNW	.2	.9	1.0	.6								2.7	8.0
VARBL													
CALM												10.4	
	4.1	34.2	26.8	16.7	4.7	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GL AL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 7 6227   STATION NAME: WATERTOWN NY   YEARS: 74-83   MONTH: OCT

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.2	2.9	1.4	.1	.0						6.8	8.4
NNE	.1	1.2	2.2	1.0	.2							4.7	8.9
NE	.3	2.0	1.9	.9	.2							5.1	8.1
ENE	.3	4.0	1.6	.2	.0							6.1	6.0
E	.9	4.7	.7	.2								5.9	5.0
ESE	.2	1.0	.3	.0								1.6	5.3
SE	.2	1.2	.6	.1								2.2	6.2
SSE	.3	1.3	1.5	.8	.2							4.0	8.2
S	.5	3.9	6.0	3.4	.5	.0						14.3	6.9
SSW	.1	1.4	2.5	1.7	.1							5.9	9.0
SW	.1	.9	2.3	2.7	.6	.1						6.6	11.1
WSW	.1	1.3	2.6	3.1	1.3	.2						6.7	11.6
W	.1	1.3	2.5	3.6	1.0	.0						8.5	11.5
WNW	.1	.6	1.9	1.3	.2							4.2	9.9
NW	.1	.6	1.4	.4	.1							2.5	8.7
NNW	.1	.7	.9	.4								2.1	7.9
VARBL													
CALM												10.9	
	3.1	28.4	31.9	21.0	4.5	.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 7440

GL ?AL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]27 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: NOV

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	1.7	1.3								4.9	8.5
NNE		1.2	1.2	.7								3.1	8.3
NE	.1	3.6	3.6	.3								7.6	6.9
ENE	.6	3.2	2.1	.8								6.7	6.6
E	.2	5.2	1.1	.1								6.7	5.6
ESE		1.2	.2									1.4	5.1
SE	.3	1.4	1.0	.3								3.1	6.5
SSE	.3	1.2	.4	1.2	.1							3.3	8.7
S	.3	4.0	7.2	4.7	.8							16.9	9.6
SSW		1.4	1.9	1.4	.2							5.0	9.4
SW	.3	1.1	1.9	1.9	.2							5.3	10.0
WSW	.1	1.0	1.8	2.2	1.3	.3	.2					7.0	13.1
W		1.3	2.6	2.9	1.6	.1						8.4	11.9
WNW	.1	1.4	1.9	1.4	.1	.1						5.1	9.2
NW	.1	.8	1.3	.9	.2							3.3	9.2
NNW		.8	1.1	.2	.1							2.2	8.3
VARBL													
CALM												9.9	
	2.3	30.9	31.0	20.4	4.7	.6	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

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

[illegible] [illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible] [illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]227 STATION NAME: [illegible]ATERTOWN NY YEARS: 74-83 MONTH: NOV

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]300-0500

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.6	2.3	1.1	.1							5.1	8.2
NNE	.3	1.7	1.4	1.3								4.4	7.7
NE	.3	3.[illegible]	2.2	.3								5.8	6.7
ENE	.4	4.3	1.3	.3								7.0	6.2
E	.[illegible]	5.3	1.4	.1								7.2	5.6
ESE	.2	.8	.2									1.2	5.2
SE	.1	.3	.1	.4								1.4	7.1
SSE	.1	1.7	1.1	1.7		.1						4.7	8.8
S		3.9	7.6	4.4	.4							16.3	9.3
SSW	.[illegible]	1.6	.9	.7	.2							3.6	8.[illegible]
SW		.7	1.8	.7	.2							3.3	9.4
WSW		1.4	1.8	4.2	1.2	.6						9.2	12.8
W	.1	1.8	3.2	4.1	1.3							10.6	11.3
WNW		1.1	2.3	.4	.4							4.[illegible]	9.6
NW	.1	.9	1.3	.6								2.9	8.1
NNW	.1	1.0	.4	.2								1.8	6.9
VARBL													
CALM												11.4	
	2.[illegible]	31.7	29.[illegible]	2[illegible].3	4.0	.7						100.0	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 900

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

AL CLIMATOL BRANCH
TAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
227	WATERTOWN NY	74-63	NOV

CLASS	HOURS (L.S.T.)
ALL WEATHER	[illegible]-0[illegible]

CONDITION

SPEED (KNTS) DIR.	1 - 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.[illegible]	1.7	1.3	.1							[illegible]	8.[illegible]
NNE		1.2	1.4	.7								[illegible].3	6.1
NE	.[illegible]	2.1	2.[illegible]	.7								[illegible].3	7.3
ENE	.[illegible]	4.3	2.7	.3								7.7	6.4
E	.[illegible]	4.9	1.1									6.6	5.[illegible]
ESE	.[illegible]	1.1	.3	.1	.2							2.1	6.9
SE	.1	.7	.3	.3								1.4	6.9
SSE	.1	1.1	.7	1.1	.3							3.3	9.[illegible]
S	.1	[illegible].1	7.2	4.6	1.1							17.1	9.5
SSW	.[illegible]	2.[illegible]	1.3	1.6								[illegible].2	6.1
SW		.9	.9	1.1	.4							3.3	10.7
WSW		.8	2.5	3.7	1.6	.3						6.9	12.9
W	.1	1.6	2.1	4.2	.9	.1						9.0	11.7
WNW	.1	.4	2.1	1.4	.4							4.6	10.3
NW		.9	1.9	.4	.1							3.2	8.6
NNW	.1	.6	.4	.2								1.3	7.8
VARBL													
CALM												1[illegible].3	
	2.7	28.7	28.9	21.8	5.2	.4						1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

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

GL PAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 72.227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: NOV

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.9	3.1	1.2								6.3	8.2
NNE	.1	1.3	2.1	1.0								4.6	8.5
NE	.1	1.5	2.3	1.3								5.4	8.7
ENE	.1	3.3	2.3	1.2	.1							6.2	7.7
E	.1	2.3	.4	.1								3.0	5.6
ESE	.1	.6	.5	.4								1.7	7.9
SE		.3	.5									.9	7.5
SSE		.9	.7	.8	.4	.1						2.9	10.9
S		3.0	6.6	6.7	1.6	.2						18.0	10.7
SSW		.8	2.9	2.2	.2							6.0	10.4
SW		.8	1.9	2.7	1.2	.1						6.7	12.5
WSW	.2	.5	1.1	3.6	1.6	.3						7.6	13.1
W	.1	1.5	1.5	6.0	1.6							10.9	12.1
WNW		.9	2.4	2.9	.2							6.4	10.5
NW		.5	1.1	.9	.1							2.7	9.9
NNW	.1	.3	1.6	1.3	.2							4.0	10.0
VARBL													
CALM												4.8	
	1.0	21.2	32.1	32.3	7.2	.8						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 900

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

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 227 | STATION NAME: ATERTOWN NY | YEARS: 74-83 | MONTH: NOV

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

CONDITION:

SPEED (KNTS) DIR.	1 - 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	2.9	.7	.1							6.7	7.4
NNE	.1	1.0	2.7	.8	.1							4.7	8.6
NE		.5	2.9	1.7								5.1	9.3
ENE		1.2	2.1	.7	.1							4.1	6.5
E	.2	.3	1.1	.2								2.3	7.4
ESE		.3	.9	.3								1.3	8.9
SE		.3	.9	.6								1.8	9.1
SSE		.3	1.1	.6	.2							2.2	10.2
S	.1	1.6	4.9	4.8	1.1							12.4	11.0
SSW	.1	1.3	3.7	3.7	.2							8.7	10.6
SW		1.0	3.0	4.3	2.1							10.4	12.6
WSW		1.2	2.3	4.4	3.9	.3						12.7	13.4
W		1.8	3.4	6.9	1.4	.1						13.7	11.9
WNW		1.3	2.1	1.9	.2							5.2	10.4
NW		.3	1.6	1.0								2.9	9.9
NNW	.1	1.1	1.4	.9								3.6	8.6
VARBL													
CALM												2.2	
	.3	16.2	37.3	33.3	9.6	.4						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 900

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)

STATION: 7_327 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: NOV

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		1.7	2.5	.3	.2	.1						4.9	8.4
NNE		1.2	2.1	.6								3.9	7.8
NE	.1	2.0	3.7	1.3								6.8	8.0
ENE	.1	2.7	2.9	.6								6.1	7.4
E		.6	.6	.1								1.2	7.5
ESE		.7	.3	.1								1.1	6.8
SE		.9	.6	.1								1.6	6.6
SSE	.2	.9	1.2	.9		.2	.1					3.6	10.2
S	.3	1.9	6.0	3.6	.4							12.7	9.4
SSW		1.7	3.1	1.7	.2							6.7	9.2
SW		1.7	1.9	3.8	.9							8.2	11.5
WSW	.1	2.4	4.1	5.3	3.0	.2	.1					15.3	12.2
W	.2	1.3	4.1	5.2	1.6	.1						12.6	11.5
WNW	.3	1.4	1.3	2.1	.2							5.8	10.0
NW		.6	1.4	1.2								3.2	10.0
NNW	.1	.9	1.0	.6								2.6	7.8
VARBL													
CALM												4.0	
	1.3	22.4	37.2	27.1	6.6	.7	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

AL CLIMATOLOGY BRANCH
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SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
227	AIERTOWN NY	74-83	NOV

CLASS: ALL WEATHER

HOURS (L.S.T.): 1500-2000

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.4	1.3	.4	.3							3.6	8.2
NNE		1.5	.9	.3								3.0	6.7
NE	.1	2.5	3.9	1.2								[illegible]	7.7
ENE		3.2	3.1	.2								6.4	6.9
E	.1	3.3	1.2	.3								5.4	6.0
ESE	.4	1.4	.3									2.2	4.8
SE	.1	1.6	.2		.1							2.1	5.5
SSE		2.4	1.1	1.0	.4							5.0	8.9
S	.5	4.4	6.2	2.4	.6	.1						14.8	8.8
SSW	.1	.9	1.0	.8	.2							3.0	9.4
SW		.3	1.4	3.0	1.0							6.3	11.9
WSW		.7	3.1	3.9	2.3	.3						10.3	13.6
W		.6	2.3	3.1	1.8							7.8	12.7
WNW		1.0	3.4	1.7	.4							6.6	10.3
NW		.3	1.3	.8								2.6	9.1
NNW	.3	.6	.9	.1								1.8	7.1
VARBL													
CALM												10.9	
	1.3	28.2	32.0	19.3	7.2	.4						100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

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] [illegible]EAT[illegible]ER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]27 | STATION NAME: [illegible]ATERTO[illegible] NY | YEARS: 74-[illegible]3 | MONTH: [illegible]

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

CONDITION:

SPEED (KNTS) DIR.	1 - 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.[illegible]	1.4	.7	.1							[illegible].1	6.[illegible]
NNE	.3	.[illegible]	1.1	.2	.1							[illegible].7	7.4
NE	.[illegible]	2.2	3.2	.8								[illegible].4	8.[illegible]
ENE	.1	4.7	3.2	.3								[illegible].3	6.3
E	.4	4.6	1.[illegible]	.4								[illegible].4	5.6
ESE	.[illegible]	1.[illegible]	.1									1.7	4.3
SE		1.[illegible]	.6	.1								2.4	6.[illegible]
SSE	.3	1.[illegible]	1.7	.8	1.[illegible]							[illegible].6	9.6
S		3.[illegible]	7.[illegible]	3.4	.4	.1						14.6	9.2
SSW		.[illegible]	1.9	1.3	.1							4.1	9.9
SW		1.[illegible]	1.7	2.3	.8							[illegible]	11.[illegible]
WSW		.7	2.5	2.9	1.7	.2	.1					[illegible].1	13.3
W		1.0	1.3	4.4	1.7							[illegible].9	12.7
WNW		1.[illegible]	1.[illegible]	1.4	.4							[illegible].2	9.[illegible]
NW		.9	1.1	1.2								[illegible].2	9.9
NNW		.7	1.3	.4								[illegible].4	8.2
VARBL													
CALM												[illegible]	
	[illegible].1	2[illegible].[illegible]	31.4	2[illegible].9	6.3	.3	.1					1[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]227 | STATION NAME: [illegible] NY | YEARS: 74-[illegible] | MONTH: [illegible]

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.[illegible]	2.1	.9	.1	.0						[illegible].1	8.[illegible]
NNE	.[illegible]	1.3	1.6	.7	.0							3.7	8.[illegible]
NE	.[illegible]	2.2	3.[illegible]	.9								[illegible].3	7.7
ENE	.[illegible]	3.4	2.5	.6	.0							[illegible].8	6.9
E	.[illegible]	3.4	1.[illegible]	.2								4.9	5.[illegible]
ESE	.2	.9	.4	.1	.0							1.6	6.2
SE	.1	1.[illegible]	.5	.2	.0							1.8	6.[illegible]
SSE	.1	1.3	1.[illegible]	1.[illegible]	.3	.1	.0					3.[illegible]	9.5
S	.[illegible]	3.3	6.7	4.3	.8	.1						1[illegible].4	9.7
SSW	.1	1.3	2.1	1.7	.2							5.3	9.5
SW	.[illegible]	1.0	1.[illegible]	2.5	.9	.0						6.2	11.5
WSW	.1	1.1	2.5	3.8	2.1	.3	.1					9.9	13.[illegible]
W	.1	1.4	2.6	4.6	1.5	.1						10.2	11.9
WNW	.[illegible]	1.1	2.2	1.7	.3	.0						5.4	10.1
NW	.[illegible]	.7	1.3	.9	.1							3.[illegible]	9.3
NNW	.1	.[illegible]	1.[illegible]	.5	.0							[illegible].5	8.4
VARBL													
CALM												[illegible].2	
	[illegible].[illegible]	26.[illegible]	32.4	24.4	6.3	.5	.1					100.0	[illegible].8

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

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

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

SURFACE WINDS

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

STATION: [illegible]27
STATION NAME: WATERTOWN NY
YEARS: 74-83
MONTH: DEC
CLASS: ALL WEATHER
HOURS (L.S.T.): [illegible]
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.2	1.[illegible]	1.4								4.6	9.[illegible]
NNE	.1	.[illegible]	1.4	1.3								3.2	6.[illegible]
NE	.[illegible]	2.[illegible]	3.1	1.2	.2							7.3	6.[illegible]
ENE	.1	4.5	3.3	.1	.1							[illegible]	6.[illegible]
E	.2	[illegible]	1.1	.1								7.1	5.3
ESE	.[illegible]	1.7	.4									2.4	5.[illegible]
SE		.[illegible]	.2	.3								1.2	6.1
SSE	.[illegible]	1.1	1.1	1.0	.1							3.9	6.[illegible]
S	.[illegible]	2.5	5.7	[illegible].3	1.4							1[illegible].1	10.5
SSW		.6	1.5	1.6	.3							4.1	10.[illegible]
SW	.3	.3	.6	1.6	1.1	.1						4.1	13.[illegible]
WSW	.2	.[illegible]	1.7	3.5	1.4	.4						[illegible].1	13.1
W		1.4	3.3	4.9	.9	.1	.1					1[illegible].4	11.5
WNW	.3	.[illegible]	2.[illegible]	1.8	.1							[illegible].6	9.[illegible]
NW	.1	.[illegible]	2.3	.5	.1							3.[illegible]	6.[illegible]
NNW	.1	.3	.6	.4								[illegible]	7.1
VARBL													
CALM												[illegible].6	
	2.[illegible]	26.2	31.1	24.8	5.7	.6	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

AL CLIMATOLOGY BRANCH
ETAC
EAT ER SERVICE/MAC

SURFACE WINDS

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

STATION: 27 | STATION NAME: ATERTOWN NY | YEARS: 74-83 | MONTH: DEC

CLASS: ALL WEATHER | HOURS (L.S.T.): [illegible]00-0500

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	[illegible]	2.1	1.2								3.9	9.4
NNE	.1	[illegible]	1.6	.8								3.2	8.5
NE	[illegible]	2.6	3.0	1.5	.3							7.6	8.2
ENE		3.2	2.5	1.2								7.0	7.9
E	.4	4.4	.4									5.3	4.6
ESE	.1	1.2	.3	.1								1.7	5.6
SE	.1	1.5	.9	.2								2.7	6.5
SSE		1.6	1.7	.6								4.0	7.9
S	[illegible]	2.9	5.2	6.7	1.3	.1						16.7	10.7
SSW		1.3	1.1	1.2	.1							3.7	9.1
SW	.3	.6	.9	1.5	.3							3.7	10.4
WSW		1.1	2.4	3.4	1.3	.3	.1					8.6	12.9
W		1.5	3.8	3.1	.6	.4						9.5	11.2
WNW		1.0	1.9	1.5								4.4	9.3
NW	.1	1.2	1.2	1.1								3.5	9.1
NNW		.4	1.6	.5								2.6	9.0
VARBL													
CALM												11.0	
	2.2	25.7	30.5	24.6	4.0	.9	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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)

STATION: 72[illegible]227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: DEC

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	1.1	1.6								4.3	8.7
NNE		1.2	1.3	.8								3.2	8.2
NE	.3	2.2	2.3	1.7	.4							6.8	9.0
ENE	.[illegible]	3.7	3.3	1.1	.1							8.7	7.4
E	.[illegible]	4.5	.5									5.6	5.1
ESE	.[illegible]	1.5	.3									2.5	4.8
SE	.7	1.2	.5	.1								2.2	5.9
SSE		1.3	1.2	.5								3.0	7.8
S	.1	4.0	5.7	6.8	.9	.1						17.5	10.1
SSW		.3	1.0	1.2	.2							2.7	11.1
SW	.1	.5	1.4	1.5	.2							3.8	10.3
WSW	.1	1.9	2.3	3.1	1.2	.4						8.6	12.2
W		2.2	2.0	3.2	.8	.6	.1					8.9	11.8
WNW	.1	.6	2.5	1.1	.1							4.4	9.2
NW		.5	1.7	.8	.1							3.1	9.6
NNW	.1	.6	1.2	.3	.1							2.4	6.7
VARBL													
CALM												12.4	
	3.1	27.1	28.3	23.8	4.1	1.2	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

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)

STATION: [illegible] 2 7 | STATION NAME: WATERTOWN NY | YEARS: 74-[illegible]3 | MONTH: DEC

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	1.6	.5								4.3	7.2
NNE	.1	1.2	2.3	.5								4.1	7.8
NE		2.7	3.1	2.0	.5							8.4	9.1
ENE		2.9	2.4	1.5	.3							7.1	8.4
E	.[illegible]	2.2	.9	.1								3.6	5.5
ESE	.3	.4	.3									1.1	5.4
SE	.1	.5	.2	.1								1.0	6.[illegible]
SSE	.1	1.3	1.6	.8	.2							4.0	8.8
S		3.7	7.7	7.8	.5	.2						20.0	10.2
SSW	.2	.3	1.7	2.2	.1							4.9	9.9
SW		.4	1.1	2.2	.6							4.3	12.4
WSW	.3	1.5	1.2	3.3	1.4							7.6	11.6
W	.1	1.3	1.7	3.7	1.8	.4						9.[illegible]	12.6
WNW		.5	2.5	2.3	.5	.1						6.0	11.5
NW	.1	.4	1.1	.6	.1							2.4	9.8
NNW	.1	1.2	1.4	.8	.2							3.7	8.8
VARBL													
CALM												8.4	
	2.3	23.0	30.9	28.4	6.5	.8						1[illegible]0.0	9.[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

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)

STATION: ..227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: DEC

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

CONDITION:

SPEED (KNTS) DIR.	1 - 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	1.5	1.4								4.7	6.7
NNE		1.2	1.5	.8	.3							4.1	8.8
NE	.1	2.1	2.9	2.5	.3							7.8	9.4
ENE	.3	1.4	2.0	1.9	.1							5.8	8.9
E		.9	.2	.1								1.2	6.6
ESE		.5	.3									.9	6.4
SE	.1	.1	.6	.3								1.2	8.8
SSE		.9	1.6	.9								3.3	9.3
S		1.5	3.1	7.5	.9							13.0	10.8
SSW		.8	1.5	2.6	.2							5.1	10.9
SW		1.0	2.5	3.4	1.4							8.3	11.8
WSW	.1	2.9	2.3	2.7	1.9	.5						10.4	11.6
W		1.3	3.2	4.5	1.8	.8						12.3	12.5
WNW	.3	.9	1.5	2.6	1.0							6.2	11.5
NW	.3	1.5	1.5	.9	.2							4.3	8.7
NNW	.1	.4	.5	.4	.1							1.6	9.1
VARBL													
CALM												4.8	
	1.3	19.7	32.2	32.5	8.3	1.3						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 930

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

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7	[illegible] NY	74-83	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		2.7	2.4	1.3								6.5	7.7
NNE		2.0	1.4	.4	.2							4.1	7.4
NE		1.3	2.3	1.9	.1							6.1	9.6
ENE	.1	2.2	2.6	1.7	.1							6.8	8.6
E	.2	1.2	.6									2.0	5.8
ESE		.5	.2									.8	6.1
SE		.3	.5	.4								1.3	7.9
SSE	.1	1.1	1.2	.4	.1							3.0	8.1
S	.2	3.7	7.4	3.7	1.5							16.5	9.7
SSW	.3	1.1	2.2	1.3	.2							5.1	9.[illegible]
SW	.3	1.6	2.9	2.7	1.1	.1						8.7	10.5
WSW	.3	1.6	3.1	3.0	1.4	.5						10.0	11.6
W	.1	.3	3.4	3.3	2.4	.2						10.3	12.7
WNW		1.1	2.9	1.8	1.0	.2						6.9	11.2
NW	.1	.3	1.3	.6	.1							3.3	8.8
NNW	.1	.9	1.2									2.2	6.7
VARBL													
CALM												6.5	
	2.2	23.1	36.7	22.4	8.2	1.1						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

GL BAL CLIMATOLOGY BRANCH
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AI WEATHER SERVICE/MAC

SURFACE WINDS

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

7[illegible]227 — STATION
WATERTOWN NY — STATION NAME
74-8[illegible] — YEARS
DEC — MONTH

ALL WEATHER — CLASS
1500-2[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	.3	1.0	2.5	1.0	.1							4.8	8.5
NNE		1.4	2.2	.6								4.2	8.1
NE	.1	1.1	1.9	1.5	.4							5.1	10.0
ENE	.3	4.1	3.1	1.1	.2							[illegible].7	7.8
E	.6	4.8	.5		.1							6.1	5.1
ESE	.1	1.5	.2	.1								1.9	5.6
SE	.2	1.2	.5	.3								2.4	6.5
SSE		2.3	2.0	.5								4.[illegible]	7.4
S	.3	4.1	7.3	5.0	.8	.1						17.8	9.4
SSW	.3	.4	1.7	.8	.3							3.7	9.9
SW	.3	.4	1.2	.9	1.1							3.6	11.7
WSW	.1	.[illegible]	2.3	4.1	1.6	.1						[illegible].9	12.4
W	.1	1.1	2.9	3.9	1.0	.3						9.3	11.9
WNW		.9	2.0	1.8	.4	.1						5.3	10.6
NW		.8	1.1	1.2								3.0	9.5
NNW		.9	.9	.4								2.2	6.0
VARBL													
CALM												[illegible]	
	2.9	26.6	32.7	23.2	6.0	.6						100.[illegible]	8.6

TOTAL NUMBER OF OBSERVATIONS 92[illegible]

AL CLIMATOLOGY BRANCH
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SURFACE WINDS

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

STATION: [illegible] STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: DEC

CLASS: ALL WEATHER HOURS (L.S.T.): 0000-2300

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.6	2.5	1.4	.1							5.7	6.7
NNE	.3	.9	1.1	1.2								3.5	8.9
NE	.3	2.6	2.6	1.1	.3							6.5	8.3
ENE	.3	4.6	3.3	.6	.1							9.1	6.9
E	.3	4.6	1.0									5.9	5.2
ESE	[illegible]	1.1	.5									1.8	5.4
SE		1.1	.6	.3								2.0	7.2
SSE	.1	1.4	1.5	1.4								4.4	8.6
S	.3	2.3	6.1	5.8	.6	.1						15.3	10.3
SSW		.8	1.5	2.4	.1	.1						4.9	10.7
SW		.4	1.4	1.9	1.0	.1						4.9	12.4
WSW		.6	1.3	1.7	.9	.5						5.6	12.0
W	.1	1.8	2.2	4.5	1.3	.1						10.0	11.6
WNW		.6	1.8	1.3	.9							4.6	11.4
NW		.6	2.6	.3	.1							3.7	8.6
NNW	.1	.6	.5	.8								2.0	8.9
VARBL													
CALM												9.7	
	2.2	25.3	31.2	24.8	5.4	1.0						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 927

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

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

SURFACE WINDS

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

STATION: [illegible]227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: DEC

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.5	1.3	1.2	.0							4.0	6.4
NNE	.1	1.2	1.4	.8	.1							3.7	8.3
NE	.1	2.1	2.7	1.7	.3							7.0	8.9
ENE	[illegible]	3.3	[illegible]	1.2	.1							7.7	7.7
E	.4	3.6	.5	.0	.0							4.6	5.2
ESE	.3	1.1	.3	.0								1.6	5.4
SE	.1	.9	.5	.3								1.8	7.0
SSE	.1	1.4	1.5	.8	.1							3.8	8.3
S	.2	3.1	6.7	6.1	1.0	.1						17.1	10.2
SSW	.1	.8	1.5	1.6	.2	.0						4.3	10.1
SW	.2	.7	1.5	2.0	.8	.0						5.2	11.5
WSW	.1	1.3	2.1	3.1	1.4	.4	.0					8.5	12.2
W	.1	1.5	2.8	3.9	1.3	.4	.0					10.0	12.0
WNW	.1	.8	2.2	1.8	.5	.1						5.4	10.7
NW	.1	.6	1.7	.8	.1							3.4	9.1
NNW	.1	.7	1.0	.5	.1							2.3	8.3
VARBL													
CALM												6.8	
	2.4	24.7	31.7	25.6	6.0	.9	.0					100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 7435

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible]27 | STATION NAME: [illegible] NY | YEARS: 74-83 | MONTH: ALL

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.7	2.2	1.1	.1	.0						[illegible].2	8.4
NNE	[illegible]	1.1	[illegible]	.9	.1	.0						3.9	6.7
NE	.1	[illegible]	2.1	1.3	.2	.0						[illegible].3	8.9
ENE	[illegible]	[illegible]	[illegible]	.6	.1	.0						[illegible].6	7.1
E	.1	3.4	.7	.1	.0							4.5	5.4
ESE	[illegible]	.9	.3	.1	.0							1.5	5.9
SE	.1	[illegible]	.5	.2	.0	.0						1.8	6.9
SSE	[illegible]	1.3	1.1	.7	.2	.0	.0	.0				3.5	6.6
S	.4	4.6	5.2	3.3	.6	.1	.0					14.2	8.9
SSW	[illegible]	2.3	2.6	1.4	.1	.0	.0					[illegible].7	8.4
SW	[illegible]	1.9	3.5	3.3	.7	.1	.0					9.6	10.4
WSW	[illegible]	2.0	4.4	4.3	1.3	.2	.0	.0				12.4	11.1
W	.1	1.3	3.[illegible]	2.8	1.0	.1	.0					[illegible].3	11.1
WNW	.1	.7	1.3	.9	.2	.0						3.1	9.6
NW	.1	.6	.9	.4	.1	.0						2.0	8.8
NNW	.1	.6	.8	.4	.0							1.9	6.4
VARBL				.0								.0	15.0
CALM												10.6	
	[illegible]	27.4	31.9	22.0	4.7	.6	.1	.0				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 86953

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)

STATION: 727 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: ALL

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

CONDITION: 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

SPEED (KNTS) DIR.	1 - 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.[illegible]	3.9	2.4	.2	.0						9.2	9.0
NNE	.1	1.4	2.7	2.1	.4	.0						6.7	9.8
NE	.1	1.6	3.5	3.1	.8	.1						9.1	10.6
ENE	.1	1.4	1.9	1.1	.3	.0						4.9	9.1
E	.1	1.2	.5	.1								1.9	6.0
ESE	.1	.3	.1	.0								.6	6.0
SE	.1	.3	.2	.0								.6	6.7
SSE	.1	.4	.4	.1	.0	.0						1.1	7.5
S	.3	3.3	3.3	2.3	.4	.1						9.4	9.0
SSW	.2	2.0	2.7	1.8	.2	.0						6.8	9.0
SW	.1	1.9	4.7	4.4	.9	.1	.0					12.3	10.7
WSW	.1	2.4	4.3	4.1	1.7	.3	.0					12.9	11.2
W	.1	1.2	3.3	2.5	1.3	.2						8.3	11.5
WNW	.0	.9	1.3	.6	.2	.0						3.1	9.4
NW	.1	.9	1.1	.4	.1							2.5	8.5
NNW	.1	1.0	1.4	.8	.0							3.2	8.5
VARBL													
CALM												7.5	
	1.5	22.4	35.0	25.9	6.5	1.0	.0					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 10091

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

D

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

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

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

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

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

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 27 — STATION NAME: WATERTOWN NY — YEARS: 74-83 — JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	27.3	[illegible]	[illegible]	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥20000	[illegible]	32.5	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥18000	[illegible]	32.5	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥16000	[illegible]	32.5	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥14000	[illegible]	32.7	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥12000	[illegible]	33.0	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥10000	[illegible]	36.1	36.5	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥9000	31.9	36.2	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥8000	33.4	[illegible]	39.2	39.4	39.5	39.5	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥7000	33.9	[illegible]	39.6	39.7	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥6000	34.5	40.5	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥5000	[illegible]	44.2	44.7	44.8	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥4500	39.6	47.1	47.6	47.8	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥4000	41.1	51.4	52.4	52.8	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥3500	43.9	55.7	57.0	57.4	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥3000	[illegible]	[illegible]	62.8	63.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥2500	[illegible]	66.2	69.2	70.3	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	[illegible]
≥2000	47.9	[illegible]	74.5	76.1	78.1	78.3	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8
≥1800	[illegible]	[illegible]	75.9	77.5	79.7	79.9	80.2	80.2	80.2	80.5	80.5	80.5	80.6	80.6	80.6	80.6
≥1500	[illegible]	73.8	78.5	80.6	83.0	83.3	83.9	84.0	84.0	84.3	84.4	84.4	84.5	84.5	84.5	84.5
≥1200	[illegible]	74.7	79.8	82.0	84.6	85.1	86.7	87.2	87.2	87.5	87.8	87.8	88.0	88.0	88.0	88.0
≥1000	51.7	75.3	80.4	83.0	85.9	86.5	88.2	89.0	89.0	90.3	90.6	90.6	90.8	[illegible]	[illegible]	[illegible]
≥900	51.7	75.4	[illegible]	83.3	86.2	86.9	88.6	89.5	89.5	90.9	91.2	91.2	91.4	91.4	91.4	91.4
≥800	51.7	75.5	81.1	83.8	86.8	87.4	89.2	90.1	90.2	92.2	92.6	92.6	92.8	92.8	92.8	92.8
≥700	51.7	75.6	81.3	84.0	87.0	87.6	89.8	90.6	90.8	93.5	94.1	94.1	94.4	94.4	94.4	94.4
≥600	51.7	75.8	81.5	84.2	87.3	88.0	90.4	91.3	91.4	94.2	94.8	94.8	95.5	95.6	95.6	95.6
≥500	51.7	75.8	81.5	84.3	87.4	88.2	90.8	91.6	91.7	94.7	95.5	95.5	96.5	96.6	96.6	96.7
≥400	51.7	75.8	81.6	84.4	87.5	88.3	91.0	91.9	92.0	95.2	96.0	96.0	97.0	97.2	97.2	97.3
≥300	51.7	75.8	81.6	84.5	87.7	88.5	91.2	92.2	92.3	95.6	96.5	96.5	97.4	97.6	97.8	98.0
≥200	51.7	75.8	81.6	84.5	87.8	88.6	91.3	92.3	92.4	95.7	96.8	96.8	97.8	98.1	98.9	99.1
≥100	51.7	75.8	81.6	84.5	87.8	88.6	91.3	92.3	92.4	95.7	96.8	96.8	98.1	98.3	99.4	99.6
≥0	51.7	75.8	81.6	84.5	87.8	88.6	91.3	92.3	92.4	95.7	96.8	96.8	98.1	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
..027	WATERTOWN NY	74-83	JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.2	30.9	31.0	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.3
≥20000	29.1	32.6	32.7	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.2
≥18000	29.1	32.7	32.8	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.3
≥16000	29.1	32.7	32.8	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.3
≥14000	29.1	32.8	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.4
≥12000	29.7	33.5	33.7	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.0	34.2
≥10000	31.5	36.2	36.5	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.8	37.0
≥9000	31.9	36.7	36.9	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.4
≥8000	32.9	38.2	38.4	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.9
≥7000	32.9	38.3	38.5	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8	39.0
≥6000	34.1	39.8	40.0	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.6
≥5000	35.6	43.7	44.0	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.6
≥4500	35.2	45.7	46.1	46.3	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.8
≥4000	38.7	49.1	49.8	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.6
≥3500	41.4	53.4	54.4	54.8	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.5
≥3000	44.4	56.7	60.0	60.9	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	62.0
≥2500	46.6	64.3	66.2	67.8	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.1
≥2000	48.2	69.1	72.7	74.2	75.3	75.5	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.6	76.8
≥1800	49.4	70.1	73.0	75.2	76.7	76.9	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.4
≥1500	49.4	72.9	76.2	78.5	80.4	80.8	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.6
≥1200	49.9	74.3	77.8	80.4	83.4	83.8	85.7	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.5	86.7
≥1000	49.9	74.8	78.5	81.3	84.8	85.3	87.7	88.5	88.5	89.4	89.5	89.5	89.5	89.5	89.6	89.8
≥900	49.9	74.9	78.7	81.5	85.1	85.6	88.1	89.0	89.0	90.0	90.1	90.1	90.1	90.1	90.2	90.4
≥800	49.9	74.9	78.7	81.6	85.3	85.8	88.7	89.8	89.8	91.1	91.2	91.2	91.2	91.2	91.3	91.5
≥700	49.9	74.9	78.7	81.7	85.4	85.9	88.9	90.2	90.2	91.8	92.4	92.5	92.6	92.6	92.7	92.9
≥600	49.9	75.1	78.8	81.8	85.5	86.0	89.2	90.5	90.5	92.6	93.2	93.3	93.4	93.4	93.5	93.8
≥500	49.9	75.2	78.9	81.9	85.8	86.3	90.0	91.4	91.4	93.9	94.6	94.7	94.9	94.9	95.2	95.4
≥400	49.9	75.2	79.0	82.4	86.3	87.0	90.6	92.0	92.0	94.6	95.6	95.7	96.3	96.3	96.7	96.9
≥300	49.9	75.2	79.0	82.4	86.3	87.0	90.6	92.2	92.2	95.1	96.1	96.2	97.0	97.1	97.5	97.7
≥200	49.9	75.2	79.1	82.4	86.5	87.1	90.8	92.3	92.3	95.3	96.3	96.5	97.3	97.4	98.3	98.5
≥100	49.9	75.2	79.0	82.4	86.5	87.1	90.8	92.3	92.3	95.3	96.3	96.5	97.3	97.4	98.6	99.1
≥0	49.9	75.2	79.0	82.4	86.5	87.1	90.8	92.3	92.3	95.3	96.3	96.5	97.3	97.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

227 — ATERTOWN NY (STATION NAME) — 74-83 (YEARS) — JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.1	29.8	30.3	30.3	30.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 20000	27.8	32.5	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
≥ 18000	27.8	32.5	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
≥ 16000	27.8	32.5	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
≥ 14000	27.8	32.5	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
≥ 12000	28.1	33.0	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 10000	30.6	36.3	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 9000	30.6	36.5	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 8000	32.5	39.1	39.8	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
≥ 7000	33.2	40.1	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 6000	34.4	41.5	42.2	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
≥ 5000	36.5	45.6	46.3	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 4500	37.4	47.2	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
≥ 4000	39.9	51.5	52.3	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 3500	42.4	55.5	56.8	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 3000	45.2	61.4	63.2	63.9	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 2500	46.6	67.1	69.5	73.2	71.0	71.0	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2000	47.5	70.2	73.3	75.1	76.3	76.3	77.0	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1800	47.6	71.5	74.7	76.6	78.1	78.2	78.9	79.1	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1500	48.1	73.1	77.0	79.0	81.0	81.2	82.3	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1200	49.4	74.6	78.9	81.3	83.3	83.7	85.2	85.7	85.7	86.2	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1000	49.4	75.1	79.7	82.4	84.7	95.3	87.4	88.1	88.1	88.9	89.2	89.2	89.2	89.2	89.4	89.4
≥ 900	48.4	75.2	79.8	82.7	85.2	85.8	88.0	88.9	88.9	90.0	90.3	90.3	90.3	90.3	90.4	90.4
≥ 800	48.4	75.3	79.9	82.8	85.3	86.2	88.8	90.0	90.0	91.1	91.5	91.5	91.5	91.5	91.6	91.6
≥ 700	48.4	75.3	79.9	83.0	85.7	86.7	89.6	90.9	90.9	92.0	92.7	92.7	92.7	92.7	92.8	92.8
≥ 600	49.5	75.5	80.1	83.2	85.9	87.1	90.1	91.4	91.4	93.2	94.1	94.1	94.4	94.4	94.5	94.5
≥ 500	48.5	75.5	80.1	83.2	85.9	87.1	90.3	91.8	91.8	94.2	95.2	95.2	95.8	95.8	95.9	95.9
≥ 400	49.5	75.6	80.2	83.4	86.1	87.4	90.8	92.3	92.3	94.6	95.6	95.6	96.2	96.3	96.5	96.5
≥ 300	48.5	75.6	80.2	83.4	86.3	87.6	91.0	92.5	92.5	95.1	96.1	96.1	97.2	97.3	97.4	97.4
≥ 200	48.5	75.6	80.2	83.4	86.3	87.6	91.0	92.5	92.5	95.1	96.2	96.3	97.6	97.8	98.5	98.6
≥ 100	48.5	75.6	80.2	83.4	86.3	87.6	91.0	92.5	92.5	95.1	96.2	96.3	97.6	97.8	98.6	99.2
≥ 0	48.5	75.6	80.2	83.4	86.3	87.6	91.0	92.5	92.5	95.1	96.2	96.3	97.6	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION	STATION NAME	YEARS	MONTH
727	WATERTOWN NY	74-83	JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	24.9	29.7	29.8	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
≥ 20000	27.1	32.3	33.3	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 18000	27.2	32.4	33.4	33.5	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 16000	27.2	32.4	33.4	33.5	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 14000	27.3	32.5	33.5	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 12000	27.8	33.2	34.3	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 10000	30.1	37.0	38.1	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
≥ 9000	31.3	37.5	38.7	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 8000	31.7	40.3	41.5	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 7000	32.9	41.8	43.1	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 6000	33.4	43.5	45.1	45.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 5000	34.3	47.0	48.7	49.0	49.6	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4500	34.9	47.4	49.1	49.5	50.1	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 4000	37.0	51.3	53.1	53.5	54.3	54.5	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 3500	38.1	53.9	56.2	57.0	57.8	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 3000	39.7	57.3	60.5	61.9	63.7	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 2500	41.1	61.2	65.5	67.3	69.9	70.2	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 2000	41.9	63.3	68.5	70.5	74.0	74.4	75.4	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1800	41.9	63.8	69.0	71.2	74.7	75.2	76.1	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1500	42.0	64.6	70.4	72.9	77.0	77.4	79.4	80.1	80.1	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 1200	42.3	64.9	71.1	73.9	78.5	79.0	81.5	82.3	82.3	83.4	83.4	83.4	83.7	83.7	83.7	83.7
≥ 1000	42.4	65.4	71.6	74.6	80.1	81.0	84.4	85.8	85.8	87.3	87.4	87.4	88.0	88.0	88.0	88.0
≥ 900	42.4	65.4	71.6	74.7	80.5	81.5	84.9	86.5	86.5	88.4	88.5	88.5	89.1	89.1	89.1	89.2
≥ 800	42.4	65.6	71.8	75.4	81.2	82.4	85.8	87.6	87.8	90.4	90.6	90.8	91.5	91.5	91.5	91.6
≥ 700	42.4	65.6	71.8	75.4	81.2	82.4	85.8	87.8	88.1	91.3	91.5	91.6	92.6	92.6	92.6	92.7
≥ 600	42.4	65.7	71.9	75.5	81.3	82.5	85.9	88.0	88.2	91.5	91.9	92.0	93.1	93.1	93.1	93.2
≥ 500	42.4	65.8	72.0	75.9	82.3	83.3	86.8	89.0	89.4	93.2	93.7	93.8	95.4	95.4	95.6	95.7
≥ 400	42.4	65.8	72.0	76.1	82.4	83.8	87.3	89.6	89.9	94.2	94.7	94.8	97.0	97.0	97.3	97.4
≥ 300	42.4	65.8	72.0	76.1	82.4	83.8	87.3	89.6	89.9	94.2	94.7	94.9	97.5	97.5	98.0	98.1
≥ 200	42.4	65.8	72.0	76.1	82.4	83.8	87.3	89.6	89.9	94.2	94.7	94.9	97.5	97.5	98.0	98.2
≥ 100	42.4	65.8	72.0	76.1	82.4	83.8	87.3	89.6	89.9	94.2	94.7	94.9	97.5	97.5	98.0	98.9
≥ 0	42.4	65.8	72.0	76.1	82.4	83.8	87.3	89.6	89.9	94.2	94.7	94.9	97.5	97.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]227 WATERTOWN NY — STATION / STATION NAME
74-83 — YEARS
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 — HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	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	30.6	30.6
≥ 20000	29.4	35.4	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 18000	29.4	35.4	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 16000	29.4	35.4	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 14000	29.8	36.2	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 12000	30.2	36.8	37.0	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
≥ 10000	32.7	41.3	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 9000	33.0	41.7	42.0	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 8000	34.7	44.3	44.7	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
≥ 7000	35.5	45.4	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 6000	35.9	46.1	46.8	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 5000	37.1	48.0	48.9	49.1	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 4500	37.7	48.1	49.0	49.2	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 4000	38.5	51.7	52.8	53.2	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 3500	39.8	54.5	55.7	56.5	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3000	41.6	57.7	59.2	60.5	60.9	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 2500	42.8	61.1	63.3	65.3	65.9	66.5	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 2000	44.3	54.6	67.4	69.9	70.8	71.5	72.2	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 1800	44.3	64.8	67.7	70.3	71.3	72.3	73.0	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1500	44.9	66.0	69.8	72.9	74.3	75.6	76.8	77.6	77.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1200	44.9	67.1	71.3	75.1	77.2	78.5	79.7	81.1	81.3	82.6	82.9	82.9	83.0	83.0	83.1	83.1
≥ 1000	44.9	68.3	72.7	76.7	79.6	81.0	82.7	84.6	84.8	87.2	87.5	87.5	88.0	88.0	88.1	88.1
≥ 900	44.9	68.4	72.8	76.8	79.7	81.1	82.9	84.9	85.2	87.8	88.2	88.2	88.7	88.7	88.8	88.8
≥ 800	44.9	68.4	73.1	77.2	80.1	81.5	83.4	85.9	86.1	89.8	90.3	90.3	91.0	91.0	91.1	91.1
≥ 700	44.9	68.4	73.2	77.3	80.2	81.6	83.7	86.2	86.5	90.4	91.1	91.1	91.7	91.7	91.8	91.8
≥ 600	44.9	68.4	73.2	77.3	80.3	81.7	83.9	86.7	86.9	91.1	92.7	92.7	93.7	93.9	94.0	94.0
≥ 500	44.9	68.5	73.5	77.7	81.3	82.7	84.8	87.7	88.0	92.7	94.5	94.7	96.3	96.6	96.9	96.9
≥ 400	44.9	68.6	73.7	77.8	81.5	82.9	85.4	88.4	88.6	93.4	95.4	95.6	97.5	97.7	98.1	98.1
≥ 300	44.9	68.6	73.8	78.0	81.6	83.1	85.6	88.7	88.9	93.8	95.7	95.9	97.8	98.2	98.5	98.5
≥ 200	44.9	68.6	73.8	78.0	81.6	83.1	85.6	88.7	89.0	93.9	95.8	96.0	98.0	98.3	98.7	98.8
≥ 100	44.9	68.6	73.8	78.0	81.6	83.1	85.6	88.7	89.0	93.9	95.8	96.0	98.0	98.3	98.7	98.9
≥ 0	44.9	68.6	73.8	78.0	81.6	83.1	85.6	88.7	89.0	93.9	95.8	96.0	98.0	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

STATION	STATION NAME	YEARS	MONTH
727	WATERTOWN NY	74-83	JAN

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	21.3	26.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 20000	29.1	33.2	33.5	33.5	33.5	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 18000	29.4	33.5	33.9	33.9	33.9	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 16000	29.4	33.5	33.9	33.9	33.9	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 14000	29.6	34.0	34.3	34.3	34.3	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 12000	30.5	35.4	35.7	35.7	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 10000	32.5	36.6	39.1	39.1	39.1	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 9000	32.6	36.8	39.4	39.4	39.4	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 8000	35.1	42.3	42.9	42.9	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 7000	35.7	43.3	44.0	44.0	44.0	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 6000	36.7	44.7	45.4	45.4	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 5000	39.7	48.2	49.2	49.2	49.2	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 4500	39.7	48.8	49.9	49.9	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 4000	40.0	51.0	52.2	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 3500	40.5	52.4	54.2	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 3000	42.6	56.3	58.5	59.1	59.2	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 2500	43.9	60.1	63.0	64.3	65.3	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 2000	45.3	64.3	67.7	69.5	71.5	71.8	72.5	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1800	46.0	64.7	68.5	70.6	73.0	73.3	74.1	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1500	46.2	66.1	70.4	73.1	76.7	77.6	79.1	80.0	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1200	46.5	66.9	71.7	75.3	79.1	80.3	82.3	83.4	84.0	84.9	85.2	85.2	85.3	85.3	85.5	85.5
≥ 1000	46.5	67.2	72.0	75.9	80.2	81.9	84.3	85.9	86.6	88.2	88.6	88.6	88.7	88.7	88.9	89.0
≥ 900	46.5	67.2	72.2	76.1	80.5	82.3	84.9	86.6	87.2	88.9	89.4	89.4	89.6	89.6	89.8	89.9
≥ 800	46.5	67.5	72.9	76.9	81.6	83.3	86.2	88.1	88.8	91.6	92.2	92.2	92.5	92.5	92.7	92.8
≥ 700	46.5	67.5	73.0	77.0	81.8	83.5	86.5	88.3	89.0	92.3	92.8	92.8	93.1	93.1	93.3	93.4
≥ 600	46.5	67.5	73.3	77.3	82.2	83.9	86.8	88.6	89.5	92.9	94.0	94.0	94.7	94.7	94.9	95.1
≥ 500	46.5	67.5	73.3	77.5	82.5	84.2	87.3	89.1	90.0	93.7	94.8	94.9	95.9	95.9	96.2	96.3
≥ 400	46.5	67.5	73.7	78.1	83.1	84.8	88.1	89.9	90.8	94.6	95.8	95.9	97.0	97.0	97.4	97.5
≥ 300	46.5	67.5	73.7	78.1	83.1	84.8	88.1	89.9	90.8	94.6	95.8	95.9	97.0	97.0	97.6	97.7
≥ 200	46.5	67.5	73.7	78.1	83.1	84.8	88.1	89.9	90.8	94.6	95.8	95.9	97.0	97.0	97.8	98.0
≥ 100	46.5	67.5	73.7	78.1	83.1	84.8	88.1	89.9	90.8	94.6	95.8	95.9	97.0	97.0	98.0	98.6
≥ 0	46.5	67.5	73.7	78.1	83.1	84.8	88.1	89.9	90.8	94.6	95.8	95.9	97.0	97.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.9	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	30.4
≥ 20000	29.8	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 18000	29.8	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 16000	29.8	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 14000	30.9	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 12000	32.4	35.1	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	35.4
≥ 10000	34.6	38.8	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	39.2
≥ 9000	34.7	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
≥ 8000	36.8	42.0	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7
≥ 7000	37.0	42.4	42.8	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0
≥ 6000	39.5	44.0	44.6	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9
≥ 5000	40.6	47.7	48.5	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1
≥ 4500	41.4	48.9	49.9	50.2	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 4000	42.2	50.4	51.6	52.0	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6
≥ 3500	44.1	54.5	56.2	56.9	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0
≥ 3000	46.1	59.5	61.8	62.7	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
≥ 2500	47.1	63.3	67.1	68.5	70.4	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9
≥ 2000	49.1	67.4	72.6	74.8	77.3	77.3	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
≥ 1800	49.4	68.9	74.2	76.6	79.2	79.4	80.8	80.6	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 1500	49.6	70.0	75.7	78.4	82.0	82.3	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 1200	49.8	71.7	79.1	81.4	85.6	85.9	88.4	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.6
≥ 1000	49.8	72.3	79.0	82.8	87.6	88.3	91.1	91.4	91.4	92.2	92.2	92.2	92.3	92.3	92.4	92.5
≥ 900	49.8	72.4	79.4	83.1	88.0	88.6	91.4	91.7	91.7	92.5	92.6	92.6	92.7	92.7	92.8	92.9
≥ 800	49.9	72.4	79.5	83.4	88.5	89.1	92.2	92.5	92.6	93.4	93.7	93.7	93.9	93.9	94.0	94.1
≥ 700	49.8	72.5	79.6	83.5	88.6	89.4	92.6	93.1	93.2	94.1	94.5	94.6	94.8	94.9	95.1	95.2
≥ 600	49.8	72.6	79.8	83.8	88.9	89.6	92.8	93.3	93.4	94.3	94.9	95.1	95.3	95.4	95.5	95.8
≥ 500	49.8	72.6	79.8	83.9	88.9	89.7	93.0	93.7	93.8	94.7	95.5	95.6	95.8	95.9	96.0	96.3
≥ 400	49.8	72.6	79.8	83.9	89.0	89.8	93.2	93.9	94.0	95.1	95.9	96.0	96.3	96.6	96.8	97.1
≥ 300	49.8	72.6	79.8	83.9	89.0	89.8	93.2	93.9	94.0	95.1	95.9	96.0	96.6	96.8	97.2	97.6
≥ 200	49.8	72.6	79.8	83.9	89.0	89.8	93.2	93.9	94.0	95.1	95.9	96.0	96.7	96.9	97.4	98.0
≥ 100	49.8	72.6	79.8	83.9	89.0	89.8	93.2	93.9	94.0	95.1	95.9	96.0	96.7	96.9	97.7	98.8
≥ 0	49.8	72.6	79.8	83.9	89.0	89.8	93.2	93.9	94.0	95.1	95.9	96.0	96.7	96.9	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

72?227 WATERTOWN NY — STATION / STATION NAME

74-83 — YEARS

JAN — 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	[illegible]	32.3	32.8	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 20000	30.4	33.7	34.2	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 18000	30.4	33.7	34.2	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 16000	30.4	33.7	34.2	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 14000	31.2	34.5	35.1	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 12000	31.9	35.3	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
≥ 10000	34.5	38.5	39.0	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 9000	34.4	38.6	39.1	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 8000	37.3	42.6	43.1	43.2	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 7000	37.3	42.6	43.1	43.3	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 6000	39.9	44.7	45.3	45.5	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 5000	40.3	47.8	48.5	48.7	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 4500	41.5	49.6	50.5	50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 4000	43.7	53.5	54.6	55.1	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 3500	45.6	57.4	59.0	59.6	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 3000	47.7	62.5	65.1	56.1	67.0	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 2500	49.4	67.5	70.9	72.0	73.1	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2000	51.2	72.5	76.1	77.4	79.0	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1800	51.6	73.8	77.7	79.1	80.9	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	51.9	75.8	80.4	82.0	84.1	84.3	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1200	52.3	77.6	82.6	84.5	86.9	87.2	88.8	89.0	89.0	89.1	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1000	52.3	77.8	83.2	85.5	88.2	88.5	90.9	91.4	91.5	92.0	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900	52.3	77.8	83.5	85.8	88.6	88.9	91.4	92.2	92.3	92.9	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	52.3	78.1	83.9	86.1	88.9	89.2	91.9	92.8	92.9	94.0	94.3	94.3	94.5	94.5	94.5	94.5
≥ 700	52.3	78.1	84.0	85.2	89.0	89.4	92.3	93.2	93.3	94.5	94.9	94.9	95.2	95.2	95.2	95.2
≥ 600	52.3	78.1	84.0	86.2	89.1	89.5	92.4	93.4	93.5	94.8	95.3	95.3	95.6	95.6	95.6	95.6
≥ 500	52.3	78.1	84.2	86.5	89.7	90.0	92.9	94.1	94.2	95.6	96.3	96.3	96.9	96.9	97.2	97.2
≥ 400	52.3	78.1	84.2	86.5	89.7	90.0	92.9	94.2	94.3	95.7	96.5	96.5	97.0	97.0	97.3	97.3
≥ 300	52.3	78.1	84.2	86.5	89.7	90.0	93.0	94.5	94.6	96.0	96.8	96.8	97.3	97.6	98.2	98.2
≥ 200	52.3	78.1	84.2	86.5	89.7	90.0	93.0	94.5	94.6	96.1	96.9	96.9	97.4	97.8	98.5	98.5
≥ 100	52.3	78.1	84.2	86.5	89.7	90.0	93.0	94.5	94.6	96.1	96.9	96.9	97.5	98.0	98.9	98.9
≥ 0	52.3	78.1	84.2	86.5	89.7	90.0	93.0	94.5	94.6	96.1	96.9	96.9	97.5	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93?

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

STATION: 747 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: JAN

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	26.3	30.2	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 20000	29.0	33.0	33.5	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.7
≥ 18000	29.1	33.1	33.5	33.6	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 16000	29.1	33.1	33.5	33.6	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 14000	29.3	33.5	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.2
≥ 12000	30.0	34.4	34.8	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 10000	32.3	37.9	38.3	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 9000	32.4	38.1	38.6	38.7	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 8000	34.3	41.0	41.5	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9
≥ 7000	34.[illegible]	41.6	42.2	42.4	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 6000	35.9	43.1	43.8	43.9	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 5000	37.5	46.5	47.4	47.6	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 4500	39.3	47.8	48.8	49.0	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 4000	40.1	51.3	52.3	52.7	53.0	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 3500	41.9	54.7	56.2	56.7	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4
≥ 3000	44.2	59.3	61.4	62.3	63.1	63.2	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 2500	45.7	63.9	66.8	68.2	69.5	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 2000	47.2	67.8	71.5	73.4	75.3	75.6	76.3	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 1800	47.4	68.7	72.6	74.6	76.7	77.0	77.8	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.3	78.3
≥ 1500	47.8	70.3	74.8	77.2	79.8	80.3	81.6	82.0	82.1	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 1200	48.1	71.5	76.4	79.2	82.3	82.9	84.8	85.4	85.5	86.1	86.3	86.3	86.4	86.4	86.4	86.5
≥ 1000	48.1	72.0	77.2	80.3	83.9	84.7	87.1	88.1	88.2	89.4	89.7	89.7	89.8	89.8	89.9	90.0
≥ 900	48.1	72.1	77.3	80.5	84.2	85.1	87.5	88.7	88.8	90.2	90.4	90.4	90.6	90.6	90.7	90.8
≥ 800	48.1	72.2	77.6	80.9	84.7	85.6	88.3	89.6	89.8	91.7	92.0	92.1	92.4	92.4	92.4	92.5
≥ 700	48.1	72.2	77.7	81.0	84.9	85.8	88.6	90.1	90.2	92.5	93.0	93.0	93.4	93.4	93.5	93.5
≥ 600	48.1	72.3	77.8	81.2	85.1	86.0	88.9	90.4	90.6	93.1	93.9	93.9	94.5	94.5	94.6	94.7
≥ 500	48.1	72.4	77.9	81.4	85.4	86.4	89.5	91.1	91.3	94.1	95.0	95.1	95.9	96.0	96.2	96.3
≥ 400	48.1	72.4	78.0	81.6	85.7	86.7	89.9	91.5	91.7	94.7	95.7	95.8	96.8	96.9	97.2	97.3
≥ 300	48.1	72.4	78.0	81.6	85.8	86.8	90.0	91.7	91.9	94.9	96.0	96.0	97.2	97.4	97.8	97.9
≥ 200	48.1	72.4	78.0	81.6	85.8	86.9	90.0	91.7	91.9	95.0	96.1	96.2	97.4	97.6	98.3	98.5
≥ 100	48.1	72.4	78.0	81.6	85.8	86.9	90.0	91.7	91.9	95.0	96.1	96.2	97.5	97.6	98.5	99.0
≥ 0	48.1	72.4	78.0	81.6	85.8	86.9	90.0	91.7	91.9	95.0	96.1	96.2	97.5	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	WATERTOWN NY	74-83	FEB

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	33.[illegible]	35.5	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.6	36.8	36.8	36.8
≥ 20000	36.1	36.3	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.6	39.7	39.7	39.7
≥ 18000	36.1	36.3	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.6	39.7	39.7	39.7
≥ 16000	36.1	36.3	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.6	39.7	39.7	39.7
≥ 14000	36.8	39.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.3	40.4	40.4	40.4
≥ 12000	37.7	40.0	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.3	41.4	41.4	41.4
≥ 10000	4[illegible]	43.5	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.2	45.3	45.4	45.4	45.4
≥ 9000	41.4	44.1	45.3	45.4	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.9	46.0	46.0	46.0
≥ 8000	4[illegible].9	47.4	48.9	49.3	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.8	49.9	49.9	49.9
≥ 7000	44.3	47.9	49.4	49.8	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.2	50.4	50.4	50.4
≥ 6000	46.5	51.1	53.0	53.3	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.8	53.9	53.9	53.9
≥ 5000	49.9	56.3	58.6	59.0	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.5	59.6	59.6	59.6
≥ 4500	51.7	56.4	60.9	61.2	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.8	61.8	61.8
≥ 4000	53.5	61.8	64.3	64.8	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.2	65.4	65.4	65.4
≥ 3500	55.7	66.2	68.7	69.1	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9	70.0	70.1	70.1	70.1
≥ 3000	57.1	69.9	72.8	73.5	74.7	74.7	74.9	74.9	74.9	75.1	75.1	75.1	75.2	75.3	75.3	75.3
≥ 2500	58.[illegible]	73.6	77.5	78.4	79.6	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.3	80.4	80.4	80.4
≥ 2000	59.2	78.1	82.5	83.8	85.3	85.5	86.2	86.2	86.2	86.4	86.4	86.4	86.5	86.6	86.6	86.6
≥ 1800	59.3	79.0	83.6	85.0	86.5	86.6	87.4	87.4	87.4	87.6	87.6	87.6	87.7	87.8	87.8	87.8
≥ 1500	59.3	79.7	84.8	86.4	88.8	89.0	90.2	90.2	90.2	90.7	90.7	90.7	90.8	90.9	90.9	90.9
≥ 1200	59.3	80.0	85.3	87.1	90.1	90.3	92.2	92.2	92.2	92.9	92.9	92.9	93.0	93.1	93.1	93.1
≥ 1000	59.3	80.6	86.5	88.3	91.7	92.0	94.3	94.3	94.6	95.5	95.5	95.5	95.6	95.7	95.7	95.7
≥ 900	59.3	80.6	86.5	88.3	91.7	92.0	94.4	94.4	94.7	95.7	95.7	95.7	95.9	96.0	96.0	96.0
≥ 800	59.3	80.7	86.6	88.4	92.0	92.2	94.9	95.0	95.4	96.6	96.7	96.7	96.8	96.9	96.9	96.9
≥ 700	59.3	80.9	87.1	88.9	92.7	92.9	95.6	95.7	96.1	97.4	97.5	97.5	97.6	97.8	97.8	97.8
≥ 600	59.3	80.9	87.1	88.9	92.7	92.9	96.0	96.1	96.5	98.0	98.1	98.1	98.2	98.3	98.3	98.3
≥ 500	59.3	80.9	87.1	88.9	92.7	92.9	96.0	96.1	96.5	98.1	98.2	98.2	98.5	98.6	98.6	98.6
≥ 400	59.3	80.9	87.1	88.9	92.7	92.9	96.1	96.2	96.6	98.2	98.3	98.3	98.6	98.7	99.1	99.1
≥ 300	59.3	80.9	87.1	88.9	92.7	92.9	96.1	96.2	96.6	98.5	98.6	98.6	99.1	99.2	99.5	99.5
≥ 200	59.3	80.9	87.1	88.9	92.7	92.9	96.1	96.2	96.6	98.5	98.6	98.6	99.1	99.2	99.5	99.5
≥ 100	59.3	80.9	87.1	88.9	92.7	92.9	96.1	96.2	96.6	98.5	98.6	98.6	99.1	99.2	99.5	99.5
≥ 0	59.3	80.9	87.1	88.9	92.7	92.9	96.1	96.2	96.6	98.5	98.6	98.6	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

227 — STATION | WATERTOWN NY — STATION NAME | 74-83 — YEARS | FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	33.4	36.4	36.6	36.6	37.2	37.2	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 20000	36.6	39.4	39.7	39.7	40.3	40.3	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 18000	36.6	39.4	39.7	39.7	40.3	40.3	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 16000	36.6	39.4	39.7	39.7	40.3	40.3	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 14000	36.9	39.6	40.0	40.0	40.5	40.5	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 12000	38.4	41.1	41.5	41.5	42.3	42.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 10000	40.4	43.5	43.9	43.9	44.7	44.7	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 9000	40.2	44.2	44.6	44.6	45.4	45.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 8000	42.9	46.9	47.3	47.5	48.3	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 7000	43.1	47.4	47.8	48.0	48.8	48.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 6000	44.4	49.3	50.1	50.4	51.2	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 5000	47.2	54.0	55.3	55.8	56.7	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 4500	49.1	56.7	58.0	58.5	59.5	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4000	52.4	59.5	60.9	61.3	62.3	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 3500	52.0	62.3	63.9	64.9	66.0	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3000	54.0	66.9	69.1	70.4	72.2	72.2	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2500	55.4	70.7	73.3	74.9	76.7	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	56.7	74.8	78.0	79.8	82.3	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1800	57.2	76.0	79.2	81.1	83.8	84.0	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	57.2	77.3	80.7	83.2	86.5	86.8	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	57.2	77.8	81.8	84.3	86.2	88.7	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	57.2	78.1	82.3	85.0	89.1	89.7	92.4	92.9	92.9	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	57.2	78.4	82.5	85.2	89.5	90.1	92.9	93.5	93.5	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	57.2	78.7	83.0	85.7	90.1	90.7	94.1	94.7	94.7	95.5	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	57.2	78.8	83.1	85.8	90.2	90.8	94.2	94.8	94.8	95.7	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	57.2	78.8	83.1	85.8	90.3	90.9	94.8	95.6	95.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	57.2	78.8	83.1	85.8	90.4	91.0	95.0	95.9	95.9	97.3	97.6	97.6	97.9	98.0	98.0	98.0
≥ 400	57.2	78.8	83.1	85.8	90.5	91.1	95.2	96.0	96.0	97.4	97.9	97.9	98.1	98.2	98.3	98.3
≥ 300	57.2	78.8	83.1	85.8	90.5	91.1	95.5	96.3	96.3	97.9	98.3	98.3	98.6	98.7	98.9	98.9
≥ 200	57.2	78.8	83.1	85.8	90.5	91.1	95.5	96.3	96.3	98.0	98.5	98.5	98.8	98.9	99.4	99.4
≥ 100	57.2	78.8	83.1	85.8	90.5	91.1	95.5	96.3	96.3	98.1	98.7	98.7	99.1	99.2	99.9	99.9
≥ 0	57.2	78.8	83.1	85.8	90.5	91.1	95.5	96.3	96.3	98.1	98.7	98.7	99.1	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 646

TL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	WATERTOWN NY	74-83	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.): [illegible]-0800

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	33.1	33.6	33.8	33.8	33.8	34.0	34.0	34.0	34.2	34.2	34.2	34.2	34.2	34.3	34.6
≥ 20000	[illegible]	36.5	37.0	37.2	37.4	37.4	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.8	38.2
≥ 18000	31.4	36.5	37.0	37.2	37.4	37.4	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.8	38.2
≥ 16000	31.4	36.5	37.0	37.2	37.4	37.4	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.8	38.2
≥ 14000	32.0	37.0	37.5	37.7	37.8	37.8	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.3	38.7
≥ 12000	33.5	38.4	38.9	39.2	39.4	39.4	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.8	40.2
≥ 10000	35.3	40.8	41.5	41.8	42.0	42.0	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.4	42.8
≥ 9000	35.9	41.4	42.1	42.4	42.6	42.6	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	43.0	43.4
≥ 8000	38.1	43.7	44.4	44.9	45.3	45.3	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.7	46.1
≥ 7000	38.3	44.1	45.0	45.5	45.9	45.9	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.3	46.7
≥ 6000	39.5	45.4	46.5	47.0	47.4	47.4	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.9	48.2
≥ 5000	41.4	49.4	50.6	51.2	51.5	51.5	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.4
≥ 4500	41.9	51.2	52.5	53.3	53.7	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.5
≥ 4000	44.4	55.0	56.6	57.6	58.0	58.0	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.9
≥ 3500	46.1	57.9	60.4	61.6	62.2	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.6	63.0
≥ 3000	49.1	62.2	65.8	66.2	69.3	69.5	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.9
≥ 2500	49.3	66.3	70.9	73.6	75.3	75.6	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.1	77.4
≥ 2000	49.6	68.4	73.6	77.0	79.2	79.8	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.6	81.9
≥ 1800	50.2	69.3	74.7	78.3	80.7	81.3	82.6	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.1	83.5
≥ 1500	50.2	70.7	76.4	79.9	82.9	83.5	85.1	85.8	85.8	86.1	86.2	86.2	86.2	86.2	86.3	86.6
≥ 1200	50.2	71.9	78.3	82.3	85.8	86.4	88.3	89.1	89.2	89.7	90.0	90.0	90.0	90.0	90.1	90.4
≥ 1000	50.4	72.0	78.4	82.6	86.3	87.1	89.5	90.5	90.8	91.8	92.1	92.1	92.1	92.1	92.2	92.6
≥ 900	50.5	72.2	78.6	83.0	86.6	87.5	89.8	90.9	91.1	92.4	92.7	92.7	92.7	92.7	92.8	93.1
≥ 800	50.5	72.2	78.8	83.2	87.0	87.9	90.4	91.6	91.8	93.3	93.9	93.9	94.0	94.0	94.1	94.4
≥ 700	50.5	72.2	78.8	83.2	87.1	88.1	90.7	92.1	92.3	94.0	94.6	94.6	94.8	94.8	94.9	95.3
≥ 600	50.5	72.5	79.1	83.6	87.6	88.5	91.1	92.8	93.0	94.7	95.4	95.4	95.6	95.6	95.7	96.1
≥ 500	50.5	72.5	79.1	83.7	87.8	88.9	91.6	93.6	93.9	95.7	96.7	96.7	97.0	97.2	97.3	97.6
≥ 400	50.5	72.5	79.1	83.7	87.9	89.1	92.1	94.1	94.3	96.2	97.3	97.3	97.8	97.9	98.0	98.3
≥ 300	50.5	72.5	79.1	83.7	88.1	89.2	92.4	94.4	94.7	96.7	97.9	97.9	98.5	98.6	98.7	99.2
≥ 200	50.5	72.5	79.1	83.7	88.1	89.2	92.4	94.4	94.7	96.7	97.9	97.9	98.5	98.6	98.8	99.3
≥ 100	50.5	72.5	79.1	83.7	88.1	89.2	92.4	94.4	94.7	96.7	97.9	97.9	98.5	98.6	98.9	99.6
≥ 0	50.5	72.5	79.1	83.7	88.1	89.2	92.4	94.4	94.7	96.7	97.9	97.9	98.5	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]227 — WATERTOWN NY — 74-83 — 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	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	29.4	33.1	33.6	33.9	34.0	34.2	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.5
≥ 20000	34.2	39.7	40.4	40.8	41.0	41.1	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.6
≥ 18000	34.2	39.7	40.4	40.8	41.0	41.1	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.6
≥ 16000	34.2	39.7	40.4	40.8	41.0	41.1	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.6
≥ 14000	34.4	40.1	40.8	41.1	41.4	41.5	41.6	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	42.0
≥ 12000	35.9	41.7	42.4	42.8	43.0	43.1	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.6
≥ 10000	38.9	45.5	46.5	46.8	47.0	47.2	47.3	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.8
≥ 9000	39.0	45.7	46.7	47.0	47.3	47.4	47.5	47.5	47.5	47.9	47.9	47.9	47.9	47.9	47.9	48.0
≥ 8000	40.7	48.9	50.4	51.2	51.4	51.5	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.1
≥ 7000	41.0	49.4	50.9	51.8	52.0	52.1	52.2	52.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.7
≥ 6000	41.3	50.9	52.5	53.3	53.8	53.9	54.0	54.1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.6
≥ 5000	43.0	54.6	56.4	57.4	58.2	58.3	58.4	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 4500	43.4	55.2	57.1	58.2	58.9	59.0	59.1	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 4000	45.5	59.7	61.8	62.9	63.7	64.1	64.3	64.4	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.9
≥ 3500	46.9	61.8	64.4	66.1	66.9	67.3	67.5	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.1
≥ 3000	47.6	63.7	67.0	69.3	70.8	71.4	71.7	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.5
≥ 2500	47.8	65.4	68.9	71.9	73.9	74.5	74.9	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.7
≥ 2000	47.9	66.7	71.2	74.2	77.0	77.9	79.1	79.7	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.3
≥ 1800	48.3	67.1	71.7	74.9	77.8	78.7	80.1	80.7	80.7	81.2	81.3	81.3	81.3	81.3	81.3	81.4
≥ 1500	48.3	68.3	74.1	77.9	81.6	82.5	84.6	85.8	85.8	86.6	86.9	86.9	86.9	86.9	86.9	87.0
≥ 1200	48.7	69.5	75.4	79.4	83.5	84.5	87.0	88.5	88.5	89.4	89.6	89.6	89.6	89.6	89.6	89.7
≥ 1000	48.8	69.9	76.0	80.1	84.3	85.8	89.1	90.9	91.0	92.2	92.4	92.4	92.4	92.6	92.6	92.7
≥ 900	48.8	69.9	76.0	80.1	84.3	85.9	89.2	91.1	91.3	92.6	92.8	92.8	92.8	92.9	92.9	93.0
≥ 800	48.8	69.9	76.1	80.5	84.9	86.6	90.1	92.2	92.3	93.7	94.0	94.1	94.3	94.4	94.4	94.6
≥ 700	48.8	69.9	76.2	80.6	85.0	86.8	90.3	92.4	92.6	94.1	94.4	94.6	94.8	94.9	94.9	95.0
≥ 600	48.8	70.0	76.4	80.7	85.1	86.9	90.7	92.8	92.9	94.4	94.8	94.9	95.2	95.3	95.4	95.5
≥ 500	48.8	70.1	76.6	81.0	85.5	87.2	91.0	93.5	93.6	95.5	96.1	96.2	96.8	96.9	97.0	97.2
≥ 400	48.8	70.2	76.8	81.3	85.9	87.7	91.5	94.1	94.2	96.3	97.0	97.3	97.9	98.0	98.1	98.2
≥ 300	48.8	70.2	76.8	81.3	85.9	87.7	91.5	94.2	94.3	96.6	97.3	97.5	98.2	98.3	98.5	98.8
≥ 200	48.8	70.2	76.8	81.3	85.9	87.7	91.5	94.2	94.3	96.6	97.3	97.5	98.5	98.6	98.8	99.3
≥ 100	48.8	70.2	76.8	81.3	85.9	87.7	91.5	94.2	94.3	96.6	97.3	97.5	98.5	98.6	98.9	99.6
≥ 0	48.8	70.2	76.8	81.3	85.9	87.7	91.5	94.2	94.3	96.6	97.3	97.5	98.5	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

STATION	STATION NAME	YEARS	MONTH
?? 227	WATERTOWN NY	74-83	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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	36.2	39.4	39.8	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	39.5	43.4	44.6	45.0	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	39.7	43.5	44.7	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 16000	39.7	43.5	44.7	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 14000	[illegible]	44.0	45.2	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 12000	39.4	44.4	45.6	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 10000	41.7	47.6	48.8	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 9000	42.2	48.3	49.5	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 8000	43.1	50.5	52.2	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 7000	43.9	51.5	53.3	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 6000	44.4	53.1	55.3	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 5000	46.1	56.1	58.4	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 4500	46.6	57.1	59.5	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 4000	47.6	60.0	62.6	63.6	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 3500	49.2	62.1	65.0	66.1	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3000	50.0	65.5	69.0	70.3	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2500	50.9	68.6	73.0	74.8	76.4	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2000	51.7	70.6	75.5	77.5	80.7	81.0	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	51.7	70.7	75.9	77.9	81.7	81.9	83.0	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1500	52.2	72.3	78.6	81.2	86.3	86.8	88.7	89.2	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	52.9	73.4	80.3	83.1	88.7	89.1	91.7	92.9	92.9	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	53.0	74.2	81.2	84.0	89.6	90.1	92.9	94.2	94.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	53.0	74.2	81.2	84.0	89.6	90.1	92.9	94.4	94.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	53.0	74.2	81.2	84.0	89.6	90.1	92.9	94.7	94.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	53.0	74.2	81.3	84.2	89.7	90.2	93.0	94.8	94.9	96.2	96.5	96.5	96.7	96.7	96.7	96.7
≥ 600	53.0	74.2	81.3	84.2	89.7	90.3	93.5	95.3	95.4	97.2	97.4	97.5	98.0	98.0	98.1	98.1
≥ 500	53.0	74.3	81.4	84.4	90.0	90.5	93.7	95.5	95.7	97.6	98.0	98.1	98.6	98.6	98.7	98.7
≥ 400	53.0	74.3	81.4	84.4	90.1	90.7	93.9	95.6	95.9	97.8	98.2	98.3	98.9	99.1	99.3	99.3
≥ 300	53.0	74.3	81.4	84.4	90.1	90.7	93.9	95.6	95.9	97.9	98.3	98.5	99.2	99.3	99.6	99.6
≥ 200	53.0	74.3	81.4	84.4	90.1	90.7	93.9	95.6	95.9	97.9	98.3	98.5	99.2	99.4	99.8	100.0
≥ 100	53.0	74.3	81.4	84.4	90.1	90.7	93.9	95.6	95.9	97.9	98.3	98.5	99.2	99.4	99.8	100.0
≥ 0	53.0	74.3	81.4	84.4	90.1	90.7	93.9	95.6	95.9	97.9	98.3	98.5	99.2	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

AL CLIMATOLOGY BRANCH
ETAC
AI EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

727 (STATION) ATERTOWN NY (STATION NAME) 74-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-1700 (HOURS)

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	32.4	36.2	36.6	37.0	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	37.6	42.3	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
≥18000	37.8	42.6	43.1	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
≥16000	37.9	42.6	43.1	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
≥14000	38.7	43.6	44.2	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	40.2	45.5	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
≥10000	42.9	50.0	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥9000	43.1	50.2	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥8000	44.7	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥7000	45.9	54.3	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥6000	46.5	55.4	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥5000	47.9	57.8	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥4500	48.0	58.4	59.7	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥4000	49.6	61.7	63.5	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
≥3500	50.7	65.2	67.1	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥3000	52.0	68.1	70.6	71.5	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥2500	52.6	70.8	74.0	75.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥2000	53.7	73.8	77.7	79.6	81.6	81.9	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥1800	53.7	74.5	78.5	80.4	82.4	82.7	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥1500	54.0	77.4	82.5	84.9	87.6	87.9	89.6	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥1200	54.1	78.0	83.5	86.4	89.4	89.7	91.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥1000	54.1	78.0	83.7	87.0	91.1	91.5	94.2	95.9	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥900	54.1	78.0	83.7	87.1	91.4	91.7	94.6	96.3	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥800	54.1	78.1	83.8	87.2	91.5	91.8	94.8	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥700	54.1	78.1	83.8	87.2	91.5	91.8	94.9	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥600	54.1	78.1	83.8	87.2	91.5	91.8	94.9	96.8	96.9	98.3	98.5	98.5	98.5	98.5	98.6	98.6
≥500	54.1	78.1	83.9	87.4	91.6	92.0	95.0	97.0	97.2	98.9	99.1	99.1	99.1	99.1	99.2	99.2
≥400	54.1	78.1	83.9	87.4	91.7	92.1	95.2	97.4	97.5	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥300	54.1	78.1	83.9	87.4	91.7	92.1	95.2	97.4	97.5	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥200	54.1	78.1	83.9	87.4	91.7	92.1	95.2	97.4	97.5	99.5	99.6	99.6	99.6	99.6	99.9	99.9
≥100	54.1	78.1	83.9	87.4	91.7	92.1	95.2	97.4	97.5	99.5	99.6	99.6	99.6	99.6	99.9	99.9
≥0	54.1	78.1	83.9	87.4	91.7	92.1	95.2	97.4	97.5	99.5	99.6	99.6	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

CL MAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
7 227	WATERTOWN NY	74-83	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.): 18-20

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.3	38.5	39.2	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 20000	39.7	43.7	44.4	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
≥ 18000	39.7	43.7	44.4	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
≥ 16000	39.0	43.7	44.4	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
≥ 14000	40.1	45.0	45.7	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
≥ 12000	41.3	46.5	47.2	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 10000	44.2	50.4	51.1	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 9000	44.3	50.6	51.3	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 8000	46.5	54.6	55.4	56.0	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 7000	46.6	55.1	56.0	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 6000	47.8	56.7	57.7	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 5000	49.8	59.9	61.1	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500	50.7	61.6	62.8	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4000	51.9	64.3	65.8	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 3500	53.9	67.8	69.5	70.3	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3000	55.2	72.2	74.2	75.5	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	55.9	75.2	78.7	80.9	81.7	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	56.4	78.4	81.9	84.9	86.4	86.5	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	56.4	79.4	83.1	86.1	87.6	87.8	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	56.4	80.7	85.5	89.1	92.0	92.2	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	56.4	81.0	85.7	89.6	92.6	92.8	94.0	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	56.5	81.1	85.8	89.7	93.1	93.4	94.7	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	56.5	81.1	85.8	89.8	93.4	93.9	95.2	96.0	96.0	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	56.5	81.2	85.9	90.0	93.5	94.0	95.5	96.5	96.5	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	56.5	81.2	85.9	90.0	93.5	94.0	95.5	96.5	96.5	97.5	97.6	97.6	97.8	97.8	97.8	97.8
≥ 600	56.5	81.2	85.9	90.0	93.5	94.1	95.6	96.6	96.6	97.6	97.8	97.8	98.0	98.1	98.1	98.1
≥ 500	56.5	81.2	85.9	90.0	93.5	94.1	95.6	96.6	96.6	97.6	97.8	97.8	98.5	98.6	98.6	98.6
≥ 400	56.5	81.2	85.9	90.0	93.5	94.1	95.6	96.7	96.7	97.8	97.9	97.9	98.6	98.8	98.8	98.8
≥ 300	56.5	81.2	85.9	90.0	93.5	94.1	95.9	96.9	96.9	98.0	98.1	98.1	98.9	99.2	99.2	99.2
≥ 200	56.5	81.2	85.9	90.0	93.5	94.1	96.0	97.0	97.2	98.2	98.3	98.3	99.4	99.6	99.6	99.6
≥ 100	56.5	81.2	85.9	90.0	93.5	94.1	96.0	97.0	97.2	98.2	98.3	98.3	99.4	99.6	99.8	99.8
≥ 0	56.5	81.4	86.2	90.2	93.7	94.3	96.2	97.3	97.4	98.5	98.6	98.6	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

CL RAL CLIMATOLOGY BRANCH
ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
227	WATERTOWN NY	74-83	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2 .	≥2	≥1 .	≥1 .	≥1	≥ .	≥ .	≥ .	≥5 16	≥ .	≥0
NO CEILING	33.0	36.3	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	37.0
≥ 20000	35.5	39.6	40.1	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 18000	35.5	39.6	40.1	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 16000	35.5	39.6	40.1	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 14000	35.3	40.0	40.4	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 12000	37.2	42.3	42.8	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 10000	41.6	47.0	47.5	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 9000	42.2	47.6	48.1	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 8000	45.1	50.7	51.2	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 7000	46.0	52.1	52.7	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	47.7	53.4	54.4	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
≥ 5000	50.9	59.9	61.1	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
≥ 4500	52.1	61.9	63.2	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 4000	54.3	65.8	67.1	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3500	56.0	71.0	72.6	73.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000	57.6	75.3	77.4	78.4	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	57.9	77.7	80.7	81.9	83.2	83.3	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	59.2	81.9	85.3	86.5	88.3	88.7	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	59.2	82.7	86.6	87.8	90.0	90.3	90.5	90.5	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500	59.5	84.4	89.0	90.2	92.8	93.1	93.5	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	59.5	84.6	89.7	91.0	94.0	94.3	94.9	94.9	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	59.5	84.8	89.8	91.3	94.4	94.8	95.9	96.0	96.2	96.6	96.6	96.8	96.8	96.8	96.8	96.8
≥ 900	59.5	84.8	90.0	91.4	94.6	94.9	96.1	96.2	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	59.5	84.9	90.1	91.5	94.8	95.2	96.5	96.9	96.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 700	59.5	84.9	90.2	91.6	94.9	95.3	96.6	97.0	97.0	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 600	59.5	84.9	90.2	91.6	94.9	95.4	96.8	97.3	97.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 500	59.5	84.9	90.2	91.6	94.9	95.4	96.8	97.3	97.3	98.9	98.9	98.9	99.3	99.3	99.3	99.3
≥ 400	59.5	84.9	90.2	91.6	94.9	95.4	96.8	97.3	97.3	98.9	98.9	98.9	99.4	99.4	99.4	99.4
≥ 300	59.5	84.9	90.2	91.6	94.9	95.4	96.8	97.3	97.3	98.9	98.9	98.9	99.4	99.4	99.4	99.4
≥ 200	59.5	84.9	90.2	91.6	94.9	95.4	96.8	97.3	97.4	99.1	99.1	99.1	99.6	99.6	99.6	99.6
≥ 100	59.5	84.9	90.2	91.6	94.9	95.4	96.8	97.3	97.4	99.1	99.1	99.1	99.6	99.6	99.6	99.6
≥ 0	59.5	84.9	90.2	91.6	94.9	95.4	96.8	97.3	97.4	99.1	99.1	99.1	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 646

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

7227 WATERTOWN NY — STATION NAME — 74-83 YEARS — FEB MONTH

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	32.4	35.9	36.5	36.8	36.9	36.9	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.2
≥ 20000	36.1	40.4	41.0	41.3	41.5	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 18000	36.2	40.4	41.1	41.4	41.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8
≥ 16000	36.2	40.4	41.1	41.4	41.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8
≥ 14000	36.7	41.0	41.7	42.0	42.2	42.2	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.5
≥ 12000	37.9	42.5	43.2	43.5	43.7	43.7	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	44.0
≥ 10000	40.7	46.0	46.8	47.1	47.4	47.4	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.7	47.7	47.7
≥ 9000	41.1	46.5	47.3	47.6	47.9	47.9	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.2	48.2
≥ 8000	43.1	49.5	50.5	51.0	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.6
≥ 7000	43.5	50.2	51.3	51.8	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.4
≥ 6000	44.7	51.9	53.2	53.3	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 5000	47.1	56.0	57.6	58.2	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9
≥ 4500	47.7	57.6	59.2	59.9	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.6
≥ 4000	49.5	61.0	62.8	63.6	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4
≥ 3500	51.1	64.3	66.5	67.4	67.9	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3
≥ 3000	52.7	68.0	70.8	72.1	73.2	73.4	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 2500	53.5	71.0	74.6	76.4	77.9	78.1	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8
≥ 2000	54.3	74.1	78.2	80.4	82.6	83.0	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1
≥ 1800	54.5	74.8	79.2	81.4	83.8	84.2	85.0	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 1500	54.7	76.4	81.4	84.1	87.3	87.7	89.0	89.5	89.5	89.8	89.9	89.9	89.9	89.9	89.9	90.0
≥ 1200	54.8	77.0	82.5	85.4	89.0	89.5	91.3	92.0	92.0	92.4	92.5	92.5	92.5	92.6	92.6	92.6
≥ 1000	54.8	77.3	83.0	86.0	90.0	90.5	92.9	93.8	93.9	94.7	94.8	94.8	94.9	94.9	94.9	95.0
≥ 900	54.7	77.4	83.0	86.1	90.1	90.8	93.1	94.1	94.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4
≥ 800	54.9	77.5	83.2	86.3	90.4	91.1	93.6	94.8	94.9	96.1	96.3	96.3	96.4	96.4	96.4	96.5
≥ 700	54.9	77.5	83.3	86.4	90.6	91.2	93.9	95.0	95.1	96.4	96.7	96.7	96.8	96.8	96.9	96.9
≥ 600	54.9	77.6	83.4	86.5	90.7	91.4	94.2	95.4	95.5	97.0	97.2	97.2	97.4	97.5	97.5	97.6
≥ 500	54.9	77.6	83.4	86.6	90.8	91.5	94.4	95.7	95.8	97.5	97.8	97.8	98.2	98.3	98.3	98.4
≥ 400	54.9	77.6	83.5	86.6	90.9	91.6	94.5	95.9	96.1	97.8	98.1	98.2	98.6	98.7	98.8	98.9
≥ 300	54.9	77.6	83.5	86.6	90.9	91.7	94.7	96.1	96.2	98.0	98.4	98.4	98.9	99.0	99.2	99.3
≥ 200	54.9	77.6	83.5	86.6	90.9	91.7	94.7	96.1	96.2	98.0	98.4	98.5	99.1	99.2	99.4	99.6
≥ 100	54.9	77.6	83.5	86.6	90.9	91.7	94.7	96.1	96.2	98.1	98.5	98.5	99.1	99.2	99.5	99.7
≥ 0	54.9	77.6	83.5	86.7	91.0	91.7	94.7	96.1	96.3	98.1	98.5	98.6	99.1	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6763

L 'AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]227 WATERTOWN NY — STATION NAME | 74-83 — YEARS | MAR — MONTH

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	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	39.3	40.1	40.2	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.6
≥20000	[illegible]	42.3	43.2	43.3	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8
≥18000	35.3	42.3	43.2	43.3	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8
≥16000	35.3	42.3	43.2	43.3	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8
≥14000	37.6	42.9	43.8	43.9	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3
≥12000	39.4	44.0	44.8	44.	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4
≥10000	42.7	47.2	48.1	48.	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6
≥9000	42.3	47.5	48.4	48.5	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9
≥8000	44.1	49.6	50.5	50.9	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
≥7000	44.3	50.3	51.3	51.6	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
≥6000	46.7	53.2	54.2	54.6	54.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2
≥5000	49.2	56.9	58.0	58.4	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9
≥4500	50.9	56.9	60.2	60.8	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥4000	53.1	63.0	64.9	65.4	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1
≥3500	55.2	67.3	69.2	69.7	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥3000	57.5	71.7	73.8	74.4	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2
≥2500	58.2	74.7	76.9	77.6	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6
≥2000	59.6	78.2	80.8	81.8	82.7	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2
≥1800	59.7	79.2	81.9	83.0	83.8	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥1500	59.8	81.3	84.1	85.1	86.4	86.6	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥1200	59.8	82.1	85.6	86.7	88.4	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥1000	59.8	82.4	86.2	87.6	89.8	90.0	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1
≥900	59.8	82.4	86.4	87.8	90.0	90.2	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
≥800	60.0	82.9	87.3	88.9	91.4	91.7	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4
≥700	60.0	83.0	87.6	89.2	91.8	92.1	93.3	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1
≥600	60.0	83.1	87.8	89.7	92.3	92.7	94.0	94.6	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.2
≥500	60.0	83.2	88.0	90.2	93.5	94.0	95.5	96.1	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.8
≥400	60.0	83.3	88.4	90.6	94.2	94.7	96.3	97.1	97.1	97.6	97.8	97.8	98.0	98.0	98.0	98.1
≥300	60.0	83.3	88.4	90.6	94.2	94.7	96.3	97.1	97.1	98.0	98.4	98.4	98.6	98.6	98.6	98.7
≥200	60.0	83.3	88.4	90.6	94.2	94.7	96.7	97.4	97.4	98.4	98.8	98.8	99.0	99.0	99.0	99.1
≥100	60.0	83.3	88.4	90.6	94.2	94.7	96.7	97.4	97.4	98.4	98.9	98.9	99.1	99.1	99.1	99.2
≥0	60.0	83.3	88.4	90.6	94.2	94.7	96.7	97.4	97.4	98.4	98.9	98.9	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
7[illegible] 227	WATERTOWN NY	74-83	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST): 0300-0500

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.[illegible]	36.9	39.4	39.5	39.8	39.8	39.8	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.1	40.1
≥ 20000	35.9	41.1	41.5	41.7	42.1	42.1	42.1	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.4	42.4
≥ 18000	35.9	41.1	41.5	41.7	42.1	42.1	42.1	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.4	42.4
≥ 16000	35.9	41.1	41.5	41.7	42.1	42.1	42.1	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.4	42.4
≥ 14000	36.6	41.9	42.3	42.5	42.8	42.8	42.8	42.8	42.8	43.0	43.0	43.0	43.0	43.0	43.1	43.1
≥ 12000	37.6	43.0	43.5	43.7	44.0	44.0	44.0	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.3	44.3
≥ 10000	40.5	46.9	47.4	47.6	47.9	47.9	47.9	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.2	48.2
≥ 9000	40.6	47.1	47.6	47.8	48.1	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.4	48.4
≥ 8000	42.1	49.6	50.3	50.5	50.8	50.8	50.8	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.1	51.1
≥ 7000	42.3	50.4	51.0	51.2	51.7	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	52.0	52.0
≥ 6000	44.0	53.4	54.2	54.5	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.2	55.2
≥ 5000	46.4	56.2	57.2	57.5	57.9	57.9	57.9	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.4	58.4
≥ 4500	48.1	58.5	59.4	59.8	60.2	60.2	60.2	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.6	60.6
≥ 4000	50.4	62.4	63.4	64.2	64.8	64.8	64.8	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 3500	51.2	64.7	65.8	66.7	67.4	67.4	67.4	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.9	67.9
≥ 3000	53.3	68.6	69.9	71.2	72.0	72.0	72.0	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 2500	54.6	72.2	73.7	75.1	75.8	75.8	75.8	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.3	76.3
≥ 2000	56.3	76.8	79.0	80.6	81.9	81.9	82.1	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥ 1800	56.4	77.9	80.0	82.3	83.6	83.6	83.9	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 1500	57.0	79.2	82.0	84.5	85.8	85.8	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.9	86.9
≥ 1200	57.0	79.9	82.7	85.4	86.9	87.1	88.0	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.7	88.7
≥ 1000	57.0	80.7	83.9	86.7	88.6	88.8	90.1	90.7	90.7	90.9	90.9	90.9	90.9	90.9	91.0	91.0
≥ 900	57.0	80.7	83.9	86.8	88.7	88.9	90.4	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.5	91.5
≥ 800	57.0	80.7	84.3	87.3	89.5	89.8	91.5	92.7	92.7	93.0	93.1	93.1	93.1	93.1	93.2	93.2
≥ 700	57.0	80.9	84.6	87.6	90.1	90.3	92.1	93.4	93.4	93.7	93.9	93.9	93.9	93.9	94.0	94.0
≥ 600	57.0	81.1	84.9	87.9	90.7	90.9	93.1	94.5	94.5	95.1	95.3	95.3	95.3	95.3	95.4	95.4
≥ 500	57.0	81.1	85.1	88.3	91.3	91.6	93.9	95.6	95.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9
≥ 400	57.0	81.3	85.3	88.7	92.0	92.3	94.6	96.5	96.5	98.0	98.1	98.1	98.1	98.1	98.2	98.2
≥ 300	57.0	81.3	85.3	88.7	92.1	92.4	94.7	96.8	96.8	98.2	98.3	98.3	98.4	98.4	98.6	98.6
≥ 200	57.0	81.3	85.3	88.7	92.1	92.4	94.7	96.9	96.9	98.4	98.5	98.5	98.6	98.6	98.8	98.8
≥ 100	57.0	81.3	85.3	88.7	92.1	92.4	94.7	96.9	96.9	98.4	98.5	98.5	98.6	98.6	98.8	98.9
≥ 0	57.0	81.3	85.3	88.7	92.1	92.4	94.7	96.9	96.9	98.4	98.5	98.5	98.6	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 927

..BAL CLIMATOLOGY BRANCH
..AFETAC
AI. WEATHER SERVIC /MAC

7..227 WATERTOWN NY (STATION) (STATION NAME) 74-83 (YEARS) MAR (MONTH)

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

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	35.2	36.3	36.7	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.4	37.6
≥ 20000	33.0	38.1	39.2	39.6	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.5
≥ 18000	33.4	38.1	39.2	39.6	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.5
≥ 16000	33.5	38.1	39.2	39.6	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.5
≥ 14000	33.9	38.3	39.5	39.8	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.8
≥ 12000	34.7	39.2	40.4	40.9	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.8
≥ 10000	37.2	42.6	43.9	44.3	44.9	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.3
≥ 9000	37.3	42.8	44.1	44.5	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.5
≥ 8000	35.6	45.6	47.0	47.5	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.5
≥ 7000	39.0	46.3	47.8	48.4	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.4
≥ 6000	39.6	47.8	49.7	50.4	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.5
≥ 5000	41.2	50.8	52.7	53.4	54.0	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.4	54.6
≥ 4500	42.7	52.8	54.7	55.5	56.1	56.1	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.6	56.6
≥ 4000	43.3	56.1	58.7	59.5	60.3	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.8	61.0
≥ 3500	45.1	59.4	61.9	63.0	64.0	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.6
≥ 3000	47.7	64.0	67.7	69.7	70.9	70.9	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.6
≥ 2500	49.0	67.4	71.8	74.3	76.0	76.1	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8	77.0
≥ 2000	49.9	69.8	74.9	77.7	79.8	80.0	80.6	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.4	81.6
≥ 1800	50.4	70.4	75.6	78.6	80.6	80.9	81.5	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.3	82.5
≥ 1500	50.9	71.3	76.8	80.2	82.7	83.0	83.8	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.6	84.8
≥ 1200	51.0	72.2	78.3	81.9	85.2	85.7	86.7	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.5	87.7
≥ 1000	51.3	72.7	78.9	83.1	86.6	87.1	88.3	89.0	89.0	89.5	89.6	89.6	89.6	89.6	89.7	89.9
≥ 900	51.3	72.8	79.1	83.3	86.8	87.5	88.8	89.8	89.8	90.2	90.4	90.4	90.4	90.4	90.5	90.6
≥ 800	51.3	73.0	79.5	83.8	87.3	88.1	89.5	90.6	90.8	91.2	91.5	91.6	91.7	91.7	91.8	92.0
≥ 700	51.3	73.4	79.9	84.5	88.3	89.0	90.4	91.7	91.8	92.4	92.7	92.8	92.9	92.9	93.0	93.2
≥ 600	51.3	73.4	80.0	84.9	88.7	89.6	91.0	92.6	92.7	93.4	93.8	94.0	94.2	94.2	94.3	94.5
≥ 500	51.3	73.5	80.5	85.5	89.5	90.3	92.3	94.1	94.2	95.4	95.9	96.1	96.8	96.9	97.0	97.2
≥ 400	51.4	73.8	80.8	85.7	89.7	90.5	92.5	94.4	94.5	96.0	96.7	96.9	97.5	97.6	97.7	98.0
≥ 300	51.4	73.8	80.8	85.7	89.7	90.5	92.6	94.5	94.6	96.1	96.9	97.1	98.2	98.3	98.4	98.7
≥ 200	51.4	73.8	80.8	85.7	89.7	90.5	92.6	94.5	94.6	96.1	96.9	97.1	98.3	98.4	98.9	99.6
≥ 100	51.4	73.8	80.8	85.7	89.7	90.5	92.6	94.5	94.6	96.1	96.9	97.1	98.3	98.4	98.9	99.7
≥	51.4	73.8	80.8	85.7	89.7	90.5	92.6	94.5	94.6	96.1	96.9	97.1	98.3	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 93.

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

…727 WATERTOWN NY — STATION / STATION NAME — 74-83 YEARS — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

…00-1100 HOURS (L.S.T.)

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.3	36.1	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 20000	37.3	41.9	43.0	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
≥ 18000	37.3	41.9	43.0	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	37.3	41.9	43.0	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
≥ 14000	37.6	42.5	43.5	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
≥ 12000	38.5	43.7	44.8	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
≥ 10000	41.1	47.1	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 9000	41.4	47.4	48.6	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	42.9	50.8	52.0	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 7000	43.2	51.6	52.9	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 6000	43.7	52.4	53.8	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 5000	44.4	54.2	56.0	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4500	44.7	55.4	57.2	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4000	46.6	58.3	60.2	61.0	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 3500	47.2	60.2	62.3	63.1	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 3000	50.0	65.1	68.2	69.4	70.3	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 2500	52.0	68.0	71.5	73.1	74.2	74.4	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2000	53.1	70.4	74.3	76.2	77.4	77.7	78.1	78.1	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1800	53.3	70.9	75.3	77.2	78.4	78.7	79.0	79.0	79.0	79.2	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1500	53.9	72.3	77.5	80.0	81.6	82.0	82.8	82.8	82.8	83.2	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1200	54.2	73.3	78.9	81.6	83.4	84.0	84.8	84.8	84.8	85.4	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1000	54.6	74.3	80.5	83.9	86.0	86.7	87.8	88.1	88.1	88.8	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	54.7	74.7	81.0	84.6	86.9	87.5	89.1	89.5	89.5	90.2	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	54.7	75.1	81.3	85.2	87.4	88.1	89.9	90.3	90.3	91.1	91.9	91.9	91.9	91.9	91.9	91.9
≥ 700	54.7	75.3	81.5	85.9	88.5	89.1	91.0	91.6	91.6	92.7	93.7	93.8	93.9	93.9	93.9	93.9
≥ 600	54.7	75.4	81.8	86.3	89.1	89.8	91.6	92.5	92.5	93.5	94.5	94.6	94.8	94.8	94.8	94.8
≥ 500	54.8	75.7	82.4	86.9	90.3	91.1	92.9	94.0	94.0	95.2	96.3	96.6	97.0	97.0	97.1	97.1
≥ 400	54.9	75.9	82.7	87.2	90.9	91.6	93.5	94.8	94.8	96.0	97.2	97.4	97.8	97.8	98.0	98.0
≥ 300	54.9	75.9	82.8	87.4	91.1	91.8	93.9	95.3	95.4	96.6	97.7	98.0	98.7	98.8	99.0	99.0
≥ 200	54.9	75.9	82.8	87.4	91.2	91.9	94.0	95.4	95.5	96.8	98.0	98.2	98.9	99.0	99.5	99.5
≥ 100	54.9	75.9	82.8	87.4	91.2	91.9	94.0	95.4	95.5	96.8	98.0	98.2	98.9	99.0	99.5	100.0
≥ 0	54.9	75.9	82.8	87.4	91.2	91.9	94.0	95.4	95.5	96.8	98.0	98.2	98.9	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION: ??227 | STATION NAME: ATERTOWN NY | YEARS: 74-83 | MONTH: MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	33.3	37.2	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 20000	36.1	40.9	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 18000	36.1	40.9	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 16000	36.1	40.9	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 14000	36.5	41.2	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 12000	37.4	42.2	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 10000	40.0	45.2	46.2	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	40.6	45.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 8000	42.0	45.5	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	50.1
≥ 7000	42.3	45.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 6000	43.2	50.5	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 5000	44.7	53.9	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 4500	45.4	55.1	56.7	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
≥ 4000	46.6	58.1	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 3500	47.1	59.1	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3000	49.9	63.8	65.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 2500	53.2	68.9	71.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 2000	55.2	73.1	77.1	78.6	78.8	78.9	79.2	79.2	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1800	55.5	73.8	78.0	79.5	79.7	79.8	80.1	80.1	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1500	56.3	75.8	80.3	81.9	82.5	82.7	83.2	83.3	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	57.0	77.4	82.3	83.9	84.5	84.7	85.3	85.5	85.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1000	57.5	78.8	84.3	86.2	87.3	87.7	88.7	89.2	89.4	89.9	90.1	90.2	90.3	90.3	90.3	90.3
≥ 900	57.6	79.0	84.7	86.7	87.7	88.4	89.4	89.9	90.0	90.5	90.9	91.0	91.3	91.3	91.3	91.3
≥ 800	57.6	79.2	85.1	87.1	88.3	88.9	90.2	90.8	90.9	91.4	91.8	91.9	92.4	92.4	92.4	92.4
≥ 700	57.6	79.4	85.5	87.7	89.0	89.7	91.0	91.5	91.8	92.6	93.0	93.1	93.8	93.8	93.8	93.8
≥ 600	57.6	79.8	86.0	88.7	90.1	90.8	92.2	92.8	93.2	94.0	94.4	94.5	95.2	95.2	95.2	95.2
≥ 500	57.6	80.2	86.8	89.8	91.3	91.9	94.0	94.7	95.3	96.2	96.9	97.0	98.2	98.2	98.3	98.4
≥ 400	57.6	80.2	86.8	89.8	91.3	91.9	94.0	94.7	95.3	96.2	96.9	97.0	98.8	98.8	98.9	99.0
≥ 300	57.6	80.2	86.8	89.8	91.3	91.9	94.2	94.9	95.5	96.6	97.3	97.4	99.5	99.5	99.6	99.7
≥ 200	57.6	80.2	86.8	89.8	91.3	91.9	94.2	94.9	95.5	96.6	97.3	97.4	99.5	99.5	99.6	99.7
≥ 100	57.6	80.2	86.8	89.8	91.3	91.9	94.2	94.9	95.5	96.6	97.3	97.4	99.5	99.5	99.6	100.0
≥ 0	57.6	80.2	86.8	89.8	91.3	91.9	94.2	94.9	95.5	96.6	97.3	97.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GL CAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

227	WATERTOWN NY	74-83	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	32.2	36.2	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 20000	35.1	41.0	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 18000	36.1	41.0	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 16000	36.2	41.1	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 14000	36.9	41.6	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 12000	37.7	42.7	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 10000	39.7	44.9	45.7	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 9000	39.8	45.1	45.8	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 8000	41.3	47.4	48.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 7000	41.5	47.8	48.8	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 6000	42.5	49.1	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 5000	44.5	53.2	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 4500	45.6	54.7	55.9	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 4000	48.3	59.0	60.4	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 3500	49.9	61.4	63.0	63.1	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3000	53.3	66.6	68.4	68.6	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 2500	55.3	70.5	73.1	74.0	75.1	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2000	57.2	74.9	78.6	80.2	81.7	81.7	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	57.2	75.1	78.9	80.5	82.0	82.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1500	57.8	76.7	80.9	83.2	84.9	85.3	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	58.1	77.5	82.0	84.6	86.7	87.1	87.7	88.1	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1000	58.2	78.5	83.3	86.2	88.5	88.9	89.7	90.1	90.4	90.5	90.8	90.8	90.9	90.9	90.9	90.9
≥ 900	58.2	78.5	83.3	86.2	88.6	89.0	89.9	90.5	90.9	91.0	91.2	91.2	91.3	91.3	91.3	91.3
≥ 800	58.2	78.7	83.5	86.5	88.9	89.5	90.3	91.1	91.7	91.8	92.3	92.3	92.5	92.5	92.5	92.5
≥ 700	58.2	78.8	83.8	86.7	89.4	89.9	91.1	91.8	92.6	93.2	93.6	93.8	94.2	94.2	94.3	94.3
≥ 600	58.2	79.0	84.0	87.0	89.7	90.3	91.8	92.7	93.4	94.4	95.1	95.1	95.7	95.7	95.8	95.8
≥ 500	58.2	79.1	84.3	87.4	90.4	91.2	92.9	94.0	94.9	96.0	97.0	97.0	98.0	98.1	98.3	98.3
≥ 400	58.2	79.1	84.4	87.5	90.5	91.3	93.1	94.3	95.3	96.5	97.4	97.4	98.6	98.8	99.0	99.0
≥ 300	58.2	79.1	84.4	87.6	90.8	91.5	93.4	94.7	95.8	97.0	98.0	98.0	99.2	99.7	99.9	99.9
≥ 200	58.2	79.1	84.4	87.6	90.9	91.6	93.5	94.8	95.9	97.1	98.1	98.1	99.4	99.8	100.0	100.0
≥ 100	58.2	79.1	84.4	87.6	90.9	91.6	93.5	94.8	95.9	97.1	98.1	98.1	99.4	99.8	100.0	100.0
≥ 0	58.2	79.1	84.4	87.6	90.9	91.6	93.5	94.8	95.9	97.1	98.1	98.1	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION	STATION NAME	YEARS	MONTH
72?227	WATERTOWN NY	74-83	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

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	36.6	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 20000	35.9	41.1	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 18000	35.9	41.1	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 16000	36.6	41.2	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 14000	37.6	42.3	42.8	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 12000	39.6	44.2	44.9	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 10000	43.1	48.1	48.9	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
≥ 9000	43.1	48.1	48.9	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
≥ 8000	43.3	49.1	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 7000	44.5	50.3	51.2	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 6000	45.2	51.4	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 5000	47.5	56.0	57.0	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 4500	48.0	57.4	58.4	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 4000	50.9	62.3	63.3	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 3500	53.0	66.7	68.1	68.5	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	54.5	69.6	71.3	71.7	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2500	55.4	71.9	74.1	74.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 2000	57.1	75.2	78.3	79.4	81.0	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1800	57.1	75.3	79.9	80.1	81.7	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1500	57.3	76.5	80.3	81.7	83.9	84.5	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.5	85.5	85.5
≥ 1200	57.4	77.2	81.3	82.9	85.2	85.8	87.2	87.5	87.5	87.7	87.8	87.8	88.0	88.1	88.1	88.1
≥ 1000	57.4	77.8	81.9	83.8	86.7	87.4	89.0	89.4	89.4	90.1	90.3	90.3	90.5	90.6	90.6	90.6
≥ 900	57.4	78.0	82.2	84.0	87.0	87.7	89.6	89.9	89.9	90.8	91.2	91.2	91.4	91.5	91.5	91.5
≥ 800	57.5	78.1	82.4	84.3	87.5	88.3	90.2	90.8	90.9	92.0	92.6	92.6	92.8	92.9	92.9	92.9
≥ 700	57.5	78.1	82.5	84.6	88.2	89.0	91.4	91.9	92.0	93.2	94.1	94.1	94.4	94.5	94.5	94.5
≥ 600	57.5	78.3	82.7	84.8	88.4	89.2	92.0	92.6	92.7	93.9	94.8	94.8	95.2	95.3	95.3	95.3
≥ 500	57.5	78.3	82.7	84.9	88.7	89.6	92.7	93.3	93.4	94.9	96.0	96.1	96.7	96.8	97.1	97.1
≥ 400	57.5	78.3	82.7	85.2	88.9	89.8	93.2	94.0	94.1	95.7	97.1	97.2	98.1	98.2	98.5	98.5
≥ 300	57.5	78.3	82.8	85.3	89.1	90.0	93.7	94.4	94.5	96.3	97.7	97.8	98.7	99.1	99.6	99.6
≥ 200	57.5	78.3	82.8	85.3	89.1	90.0	93.7	94.4	94.5	96.3	97.7	97.8	98.8	99.2	99.8	99.8
≥ 100	57.5	78.3	82.8	85.3	89.1	90.0	93.7	94.4	94.5	96.3	97.7	97.8	98.8	99.4	100.0	100.0
≥ 0	57.5	78.3	82.8	85.3	89.1	90.0	93.7	94.4	94.5	96.3	97.7	97.8	98.8	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
72?227	WATERTOWN NY	74-83	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	35.9	39.5	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0
≥ 20000	40.0	44.5	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
≥ 18000	40.0	44.5	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
≥ 16000	40.0	44.5	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
≥ 14000	41.1	45.9	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6
≥ 12000	41.9	47.1	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7
≥ 10000	44.9	50.5	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2
≥ 9000	44.9	50.5	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2
≥ 8000	46.9	52.8	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4
≥ 7000	47.4	53.8	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4
≥ 6000	49.1	55.2	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
≥ 5000	51.5	60.5	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
≥ 4500	52.5	62.9	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9
≥ 4000	54.5	66.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
≥ 3500	56.0	69.6	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
≥ 3000	57.3	73.7	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5
≥ 2500	58.4	77.0	79.5	80.2	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.8	80.8	80.8	80.8
≥ 2000	58.7	79.0	82.0	82.8	83.4	83.4	83.5	83.5	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8
≥ 1800	58.8	79.6	82.7	83.4	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 1500	59.0	80.8	84.0	84.9	86.1	86.1	86.6	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 1200	59.1	81.4	84.7	85.9	87.3	87.4	87.8	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 1000	59.2	82.2	86.0	87.4	89.2	89.4	90.0	90.4	90.4	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 900	59.4	82.8	86.7	88.2	90.1	90.2	90.9	91.3	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 800	59.4	82.8	86.8	88.7	91.2	91.3	92.3	93.0	93.0	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 700	59.4	83.0	87.1	89.2	92.0	92.2	93.3	94.1	94.2	94.9	95.1	95.1	95.2	95.2	95.2	95.2
≥ 600	59.4	83.0	87.4	89.8	92.7	93.0	94.3	95.1	95.2	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 500	59.4	83.2	87.6	90.1	93.3	93.7	95.3	96.0	96.1	97.0	97.2	97.2	97.5	97.5	97.5	97.5
≥ 400	59.4	83.3	87.8	90.4	93.7	94.1	95.8	96.6	96.7	97.6	98.1	98.1	98.5	98.5	98.5	98.5
≥ 300	59.4	83.3	87.8	90.4	93.9	94.5	96.2	97.0	97.1	98.3	98.8	98.8	99.5	99.5	99.5	99.5
≥ 200	59.4	83.3	87.8	90.4	93.9	94.5	96.2	97.0	97.1	98.3	98.8	98.8	99.5	99.5	99.5	99.5
≥ 100	59.4	83.3	87.8	90.4	93.9	94.5	96.2	97.0	97.1	98.3	98.9	98.9	99.7	99.7	99.7	99.7
≥ 0	59.4	83.3	87.8	90.4	93.9	94.5	96.2	97.0	97.1	98.3	98.9	98.9	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GL AL CLIMATOLOGY BRANCH
  USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7? ?27 — WATERTOWN NY (STATION / STATION NAME) — 74-83 (YEARS) — MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS: ALL

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.[illegible]	37.6	38.2	38.4	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.7
≥ 20000	36.7	41.4	42.1	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6
≥ 18000	36.7	41.4	42.1	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6
≥ 16000	36.3	41.4	42.1	42.3	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	37.3	42.1	42.8	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3
≥ 12000	39.4	43.3	44.1	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6
≥ 10000	41.1	46.6	47.4	47.6	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 9000	41.3	46.8	47.7	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2
≥ 8000	42.7	49.2	50.2	50.4	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 7000	43.1	49.9	50.9	51.2	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6
≥ 6000	44.0	51.6	52.8	53.1	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5
≥ 5000	46.2	55.2	56.5	56.8	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3
≥ 4500	47.1	57.0	58.3	58.7	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1
≥ 4000	49.3	60.7	62.3	62.8	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4
≥ 3500	50.6	63.6	65.3	65.8	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5
≥ 3000	53.0	67.9	70.1	70.9	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9
≥ 2500	54.5	71.3	74.0	75.2	76.0	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 2000	55.9	74.7	78.1	79.7	80.8	81.0	81.3	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.7
≥ 1800	56.1	75.3	78.9	80.6	81.7	81.9	82.3	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1500	56.5	76.7	80.7	82.7	84.2	84.5	85.1	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.7
≥ 1200	56.7	77.6	82.0	84.1	85.9	86.3	87.1	87.4	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8
≥ 1000	56.9	78.4	83.1	85.6	87.8	88.2	89.3	89.7	89.8	90.2	90.4	90.4	90.4	90.5	90.5	90.5
≥ 900	56.9	78.6	83.4	86.0	88.2	88.7	89.9	90.4	90.5	90.9	91.1	91.2	91.3	91.3	91.3	91.3
≥ 800	57.0	78.8	83.9	86.5	88.9	89.4	90.8	91.6	91.7	92.2	92.5	92.5	92.7	92.7	92.7	92.8
≥ 700	57.0	79.0	84.0	86.9	89.7	90.2	91.7	92.5	92.7	93.3	93.8	93.8	94.0	94.0	94.1	94.1
≥ 600	57.0	79.1	84.3	87.4	90.2	90.8	92.5	93.4	93.6	94.4	94.9	94.9	95.2	95.2	95.2	95.3
≥ 500	57.0	79.3	84.7	87.9	91.0	91.7	93.7	94.7	95.0	96.0	96.6	96.7	97.2	97.2	97.4	97.4
≥ 400	57.0	79.4	84.9	88.1	91.4	92.0	94.1	95.3	95.5	96.7	97.4	97.5	98.2	98.2	98.3	98.4
≥ 300	57.0	79.4	84.9	88.2	91.5	92.2	94.4	95.6	95.8	97.1	97.9	98.0	98.8	99.0	99.1	99.2
≥ 200	57.0	79.4	84.9	88.2	91.5	92.2	94.4	95.7	95.9	97.2	98.0	98.1	99.0	99.1	99.4	99.5
≥ 100	57.0	79.4	84.9	88.2	91.5	92.2	94.4	95.7	95.9	97.2	98.0	98.1	99.0	99.2	99.4	99.7
≥ 0	57.0	79.4	84.9	88.2	91.5	92.2	94.4	95.7	95.9	97.2	98.0	98.1	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
7 227	WATERTOWN NY	74-83	APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	45.7	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	47.6	47.7
≥ 20000	47.1	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	50.0	50.1
≥ 18000	47.1	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	50.0	50.1
≥ 16000	47.1	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	50.0	50.1
≥ 14000	47.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.2
≥ 12000	49.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.3
≥ 10000	53.7	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.8
≥ 9000	53.7	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.8
≥ 8000	54.3	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.5
≥ 7000	56.4	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	61.0	61.1
≥ 6000	58.2	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.8
≥ 5000	61.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.0
≥ 4500	63.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.5
≥ 4000	65.5	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.3
≥ 3500	66.7	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.6
≥ 3000	68.3	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	80.0	80.1
≥ 2500	69.2	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.3
≥ 2000	70.2	85.2	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.4
≥ 1800	70.6	86.1	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.3
≥ 1500	71.0	87.4	88.4	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.2
≥ 1200	71.3	88.6	89.9	90.3	91.0	91.1	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 1000	71.6	90.2	91.5	92.1	92.8	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.7	93.8
≥ 900	71.6	90.3	92.3	92.9	93.5	93.7	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.4	94.5
≥ 800	71.6	90.5	92.7	93.5	94.3	94.4	94.9	94.9	94.9	95.2	95.4	95.4	95.4	95.4	95.5	95.7
≥ 700	71.6	90.5	92.9	93.8	94.5	94.7	95.1	95.1	95.1	95.4	95.7	95.7	95.7	95.7	95.8	95.9
≥ 600	71.6	91.1	93.8	94.7	95.5	95.7	96.1	96.1	96.1	96.5	96.8	96.8	96.8	96.8	96.9	97.0
≥ 500	71.6	91.2	94.0	94.9	95.8	95.9	96.4	96.4	96.4	97.0	97.2	97.2	97.2	97.2	97.3	97.4
≥ 400	71.6	91.2	94.0	94.9	95.9	96.0	96.5	96.7	96.7	97.4	97.7	97.7	97.7	97.7	97.8	97.9
≥ 300	71.6	91.3	94.2	95.2	96.2	96.3	96.9	97.0	97.0	97.8	98.2	98.2	98.2	98.2	98.3	98.4
≥ 200	71.6	91.3	94.2	95.2	96.2	96.3	96.9	97.1	97.1	98.2	98.7	98.7	98.8	98.8	98.9	99.0
≥ 100	71.6	91.3	94.2	95.2	96.2	96.3	96.9	97.1	97.1	98.2	98.7	98.7	98.8	98.8	99.1	99.2
≥ 0	71.6	91.3	94.2	95.2	96.2	96.3	96.9	97.1	97.1	98.2	98.7	98.7	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

CEILING VERSUS VISIBILITY

[illegible]7 (STATION) — WATERTOWN NY (STATION NAME) — 74-83 (YEARS) — APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible] (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	41.7	45.3	45.6	45.8	45.9	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.4
≥ 20000	44.4	45.2	48.5	46.7	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3
≥ 18000	44.4	45.2	48.5	48.7	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3
≥ 16000	44.4	45.2	48.5	48.7	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3
≥ 14000	44.1	46.7	49.1	49.3	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.8
≥ 12000	46.6	50.9	51.3	51.5	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.1
≥ 10000	47.6	53.4	53.7	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.5
≥ 9000	49.6	53.4	53.7	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.5
≥ 8000	51.1	56.7	57.2	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	58.0
≥ 7000	51.2	56.9	57.3	57.5	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1
≥ 6000	53.1	59.3	59.8	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6
≥ 5000	55.2	63.8	64.2	64.5	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1
≥ 4500	56.4	65.4	65.9	66.2	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.8
≥ 4000	58.5	68.1	69.3	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.3
≥ 3500	60.1	71.0	71.9	72.5	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1
≥ 3000	62.1	75.6	76.6	77.1	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8
≥ 2500	67.9	80.5	82.4	83.1	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7
≥ 2000	65.7	83.5	86.2	87.0	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.7
≥ 1800	65.1	84.1	86.7	87.5	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3
≥ 1500	65.2	84.6	87.3	88.1	88.5	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2
≥ 1200	65.7	85.6	88.5	89.3	90.0	90.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.0
≥ 1000	65.9	87.0	90.3	91.4	92.4	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.5
≥ 900	65.9	87.1	90.6	91.9	92.9	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0
≥ 800	65.9	87.4	91.3	92.5	93.5	93.6	94.5	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	95.1
≥ 700	65.9	87.4	91.4	92.6	93.6	93.9	94.9	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.3
≥ 600	65.9	87.6	91.8	93.0	94.1	94.3	95.3	95.5	95.5	95.8	95.9	95.9	95.9	95.9	95.9	96.1
≥ 500	65.9	88.2	92.4	93.9	95.0	95.2	96.4	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.4
≥ 400	65.9	88.2	92.4	94.0	95.1	95.3	96.5	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.7
≥ 300	65.9	88.2	92.4	94.3	95.4	95.7	97.0	97.4	97.4	97.7	97.8	97.8	97.9	97.9	97.9	98.1
≥ 200	65.9	88.2	92.4	94.4	95.5	95.8	97.1	97.7	97.7	97.9	98.0	98.0	98.4	98.4	98.4	98.6
≥ 100	65.9	88.2	92.4	94.4	95.5	95.8	97.1	97.7	97.7	97.9	98.0	98.0	98.4	98.4	99.6	99.0
≥ 0	65.9	88.2	92.4	94.4	95.5	95.8	97.1	97.7	97.7	97.9	98.0	98.0	98.4	98.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 537

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

OL A, CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

727 WATERTOWN NY | 74-83 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEIL	37.5	41.9	43.0	43.1	43.3	43.3	43.3	43.4	43.4	43.5	43.6	43.6	43.7	43.7	43.7	43.8
≥ 20000	39.1	45.6	46.7	46.8	46.9	46.9	46.9	47.0	47.0	47.2	47.3	47.3	47.4	47.4	47.4	47.5
≥ 18000	39.1	45.6	45.7	46.8	46.9	46.9	46.9	47.0	47.0	47.2	47.3	47.3	47.4	47.4	47.4	47.5
≥ 16000	39.1	45.6	45.7	46.8	46.9	46.9	46.9	47.0	47.0	47.2	47.3	47.3	47.4	47.4	47.4	47.5
≥ 14000	39.2	45.9	46.9	47.0	47.2	47.2	47.2	47.3	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.7
≥ 12000	39.9	46.6	47.7	47.8	47.9	47.9	47.9	48.0	48.0	48.2	48.3	48.3	48.4	48.4	48.4	48.5
≥ 10000	41.7	48.5	49.8	49.9	50.1	50.1	50.1	50.2	50.2	50.3	50.4	50.4	50.5	50.5	50.5	50.6
≥ 9000	42.1	49.1	50.2	50.5	50.6	50.6	50.6	50.7	50.7	50.8	50.9	50.9	51.1	51.1	51.1	51.2
≥ 8000	44.6	52.7	54.1	54.5	54.6	54.6	54.6	54.7	54.7	54.8	55.0	55.0	55.1	55.1	55.1	55.2
≥ 7000	44.9	53.7	55.2	55.6	55.7	55.7	55.7	55.9	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.3
≥ 6000	45.5	54.8	56.4	56.9	57.0	57.0	57.0	57.1	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.5
≥ 5000	48.5	59.5	61.2	61.8	62.1	62.1	62.1	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.7
≥ 4500	49.6	60.8	62.5	63.1	63.4	63.4	63.4	63.5	63.5	63.7	63.9	63.9	64.0	64.0	64.0	64.1
≥ 4000	50.4	63.2	65.4	66.0	66.6	66.7	66.7	66.8	66.8	66.9	67.1	67.1	67.2	67.2	67.2	67.3
≥ 3500	52.2	66.4	68.9	69.6	70.2	70.5	70.6	70.7	70.7	70.8	71.0	71.0	71.1	71.1	71.1	71.2
≥ 3000	53.6	70.3	73.4	74.7	75.5	75.7	75.9	76.0	76.0	76.1	76.4	76.4	76.5	76.5	76.5	76.6
≥ 2500	54.9	73.8	77.7	79.4	80.3	80.5	80.7	80.8	80.8	80.9	81.2	81.2	81.3	81.3	81.3	81.4
≥ 2000	55.7	75.6	79.6	81.7	82.8	83.1	83.3	83.4	83.4	83.5	83.7	83.7	83.8	83.8	83.8	83.9
≥ 1800	55.7	76.3	80.4	82.5	83.6	83.8	84.1	84.2	84.2	84.3	84.5	84.5	84.6	84.6	84.6	84.7
≥ 1500	56.3	78.3	82.4	84.7	86.1	86.5	86.7	86.8	86.8	87.0	87.2	87.2	87.3	87.3	87.3	87.4
≥ 1200	57.2	79.7	84.7	87.3	88.7	89.3	89.9	90.2	90.2	90.3	90.5	90.5	90.6	90.6	90.6	90.7
≥ 1000	57.5	80.4	85.5	88.3	90.0	90.5	91.3	91.9	91.9	92.2	92.4	92.4	92.5	92.5	92.5	92.6
≥ 900	57.5	80.4	85.5	88.3	90.1	90.6	91.4	92.0	92.0	92.3	92.5	92.5	92.6	92.6	92.6	92.8
≥ 800	57.5	80.5	86.1	89.0	90.9	91.4	92.2	93.0	93.0	93.3	93.6	93.6	93.8	93.8	93.8	93.9
≥ 700	57.5	80.7	86.3	89.2	91.3	92.0	92.9	93.8	93.8	94.1	94.4	94.4	94.5	94.5	94.5	94.6
≥ 600	57.6	81.0	86.8	90.1	92.2	92.9	93.8	94.9	94.9	95.5	96.0	96.0	96.1	96.1	96.1	96.2
≥ 500	57.6	81.2	87.3	91.0	93.1	93.8	95.0	96.3	96.4	97.4	98.0	98.0	98.1	98.1	98.1	98.2
≥ 400	57.6	81.2	87.3	91.0	93.1	93.8	95.0	96.3	96.5	97.7	98.2	98.2	98.3	98.3	98.3	98.4
≥ 300	57.6	81.2	87.3	91.0	93.1	93.8	95.0	96.3	96.5	97.7	98.2	98.2	98.4	98.4	98.4	98.6
≥ 200	57.6	81.2	87.3	91.0	93.1	93.8	95.0	96.4	96.7	97.8	98.6	98.6	99.0	99.0	99.2	99.4
≥ 100	57.6	81.2	87.3	91.0	93.1	93.8	95.0	96.4	96.7	97.9	98.8	98.8	99.2	99.2	99.4	99.7
≥ 0	57.6	81.2	87.3	91.0	93.1	93.8	95.0	96.4	96.7	97.9	98.8	98.8	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 897

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

L AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

227 — STATION | WATERTOWN NY — STATION NAME | 74-83 — YEARS | APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): 0900-1100

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	42.6	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	41.4	46.4	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
≥ 18000	40.7	46.7	47.3	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
≥ 16000	40.7	46.7	47.3	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
≥ 14000	41.7	47.2	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 12000	41.7	48.1	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	43.2	49.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 9000	43.6	50.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 8000	45.3	52.4	53.6	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 7000	45.9	53.8	55.1	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 6000	46.9	55.8	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 5000	48.8	58.9	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 4500	49.3	60.0	61.9	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4000	49.9	61.8	64.2	64.6	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 3500	51.7	65.2	67.7	68.2	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3000	53.6	68.1	71.1	71.8	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 2500	56.4	73.2	76.2	77.0	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2000	58.3	76.2	79.4	80.6	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1800	59.8	76.9	80.2	81.3	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500	59.9	79.0	82.9	84.4	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1200	60.2	80.3	84.6	86.6	88.0	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	60.3	81.1	85.7	88.2	90.0	90.0	90.7	90.8	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	60.3	81.1	85.7	88.2	90.1	90.1	90.8	90.9	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	60.9	81.8	86.4	89.3	91.4	91.6	92.4	92.7	92.7	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	60.8	82.4	87.3	90.3	92.8	92.9	93.8	94.1	94.1	94.7	94.9	94.9	95.0	95.0	95.1	95.1
≥ 600	60.8	82.4	87.8	90.9	93.6	93.8	94.8	95.1	95.1	95.7	96.1	96.2	96.3	96.3	96.4	96.4
≥ 500	60.8	82.8	88.1	91.6	94.2	94.6	95.9	96.3	96.3	97.2	97.8	97.9	98.0	98.1	98.3	98.3
≥ 400	60.8	82.8	88.2	92.0	94.8	95.3	96.7	97.2	97.2	98.1	98.7	98.8	98.9	99.0	99.2	99.2
≥ 300	60.9	82.8	88.2	92.0	94.8	95.3	96.7	97.2	97.2	98.1	98.7	98.8	99.0	99.1	99.4	99.4
≥ 200	[illegible]	82.8	88.3	92.1	94.9	95.4	96.8	97.4	97.4	98.4	99.0	99.1	99.3	99.4	99.8	99.9
≥ 100	60.8	82.8	88.3	92.1	94.9	95.4	96.8	97.4	97.4	98.4	99.0	99.1	99.3	99.4	99.8	99.9
≥ 0	60.8	82.8	88.3	92.1	94.9	95.4	96.8	97.4	97.4	98.4	99.0	99.1	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

(CEN)TRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
7.227	WATERTOWN NY	74-83	APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.: 1200-1400

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	42.3	42.6	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
≥ 20000	40.7	47.4	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	47.8
≥ 18000	40.7	47.4	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	47.8
≥ 16000	40.7	47.4	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	47.8
≥ 14000	41.7	47.8	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 12000	41.4	48.6	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	42.4	49.7	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 9000	42.7	49.9	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 8000	45.7	53.3	53.8	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	46.7	54.9	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 6000	48.6	57.9	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	58.7
≥ 5000	49.2	59.8	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 4500	49.8	61.2	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4000	51.7	64.2	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	52.1	65.9	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 3000	55.4	69.9	71.7	72.3	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2500	58.8	75.6	77.7	78.6	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	59.9	77.8	80.3	81.7	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	60.0	78.4	81.1	82.6	82.9	82.9	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	61.4	80.4	83.6	85.3	86.0	86.0	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	61.9	81.4	84.9	87.2	88.0	88.2	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	62.0	83.1	87.1	89.9	90.9	91.2	91.7	92.0	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	62.0	83.4	87.3	90.2	91.3	91.7	92.2	92.6	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	62.3	84.1	88.2	91.6	92.8	93.1	94.1	94.4	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	62.3	84.1	88.3	91.9	93.4	93.8	94.8	95.1	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	62.3	84.2	88.9	92.9	94.4	94.8	95.9	96.2	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	62.3	84.3	89.0	93.1	95.0	95.6	96.8	97.3	97.4	98.3	98.3	98.3	98.4	98.4	98.6	98.6
≥ 400	62.3	84.3	89.0	93.2	95.2	95.8	97.0	97.6	97.7	98.6	98.6	98.6	98.9	99.0	99.1	99.1
≥ 300	62.3	84.3	89.0	93.2	95.2	95.9	97.2	97.9	98.0	99.0	99.1	99.1	99.4	99.6	99.7	99.7
≥ 200	62.3	84.3	89.0	93.2	95.2	95.9	97.2	97.9	98.0	99.0	99.1	99.1	99.6	99.7	99.8	99.8
≥ 100	62.3	84.3	89.0	93.2	95.2	95.9	97.2	97.9	98.0	99.0	99.1	99.1	99.6	99.7	99.8	99.8
≥ 0	62.3	84.3	89.0	93.2	95.2	95.9	97.2	97.9	98.0	99.0	99.1	99.1	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.3	40.2	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	42.3	45.6	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 18000	42.9	46.8	49.6	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
≥ 16000	42.6	48.8	49.6	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
≥ 14000	43.3	49.7	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 12000	44.3	51.1	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 10000	47.0	54.2	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000	47.0	54.2	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 8000	48.7	56.9	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	49.1	57.3	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 6000	50.1	58.8	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 5000	51.6	61.1	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4500	53.2	63.3	64.3	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4000	55.7	67.0	68.2	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 3500	59.1	70.3	71.7	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
≥ 3000	61.8	75.3	76.8	77.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2500	64.9	80.3	82.1	83.2	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	65.4	81.9	84.2	85.6	86.3	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800	65.7	82.1	84.9	86.2	87.0	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	66.2	83.6	86.4	87.9	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	66.3	84.6	87.8	89.3	90.1	90.2	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	66.3	85.6	89.0	90.6	91.4	91.6	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	66.3	85.8	89.2	91.1	92.1	92.3	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	66.3	86.0	89.7	91.7	92.9	93.1	93.9	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	66.3	86.1	90.0	92.0	93.3	93.7	94.4	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	66.3	86.1	90.1	92.2	93.6	93.9	94.7	94.9	94.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 500	66.3	86.1	90.2	92.7	94.1	94.6	95.7	96.1	96.1	97.1	97.1	97.2	97.4	97.4	97.4	97.4
≥ 400	66.3	86.1	90.2	92.9	94.4	95.0	96.6	97.0	97.0	98.0	98.0	98.1	98.4	98.4	98.6	98.6
≥ 300	66.3	86.1	90.2	92.9	94.4	95.1	96.7	97.3	97.3	98.6	98.9	99.0	99.7	99.7	99.9	99.9
≥ 200	66.3	86.1	90.2	92.9	94.4	95.2	96.8	97.4	97.4	98.7	99.0	99.1	99.8	99.8	100.0	100.0
≥ 100	66.3	86.1	90.2	92.9	94.4	95.2	96.8	97.4	97.4	98.7	99.0	99.1	99.8	99.8	100.0	100.0
≥ 0	66.3	86.1	90.2	92.9	94.4	95.2	96.8	97.4	97.4	98.7	99.0	99.1	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

72 227 — WATERTOWN NY (STATION / STATION NAME) — 74-83 (YEARS) — APR (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	40.3	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	44.0	44.0
≥ 20000	46.7	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 18000	46.7	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 16000	46.7	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 14000	47.2	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	49.7	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	55.1	55.1
≥ 10000	52.0	56.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 9000	52.0	56.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	54.7	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 7000	55.0	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 6000	55.3	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 5000	57.1	66.7	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	57.3	67.8	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4000	61.0	73.0	74.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	62.6	75.3	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	64.1	76.7	80.2	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	65.7	81.9	83.4	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2000	66.4	84.4	86.3	86.9	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	66.6	85.0	87.0	87.6	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	66.6	85.7	88.1	88.8	89.8	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	66.7	86.4	89.0	90.1	91.3	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	66.8	87.0	89.8	91.2	92.6	92.7	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 900	66.8	87.1	90.0	91.6	93.0	93.1	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800	66.8	88.0	90.9	92.8	94.8	94.9	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	66.8	88.2	91.2	93.1	95.2	95.3	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	66.8	88.3	91.4	93.3	95.8	95.9	96.3	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	66.8	88.6	91.7	93.9	96.4	96.6	97.1	97.4	97.7	97.9	98.1	98.2	98.6	98.6	98.6	98.6
≥ 400	66.8	88.6	91.8	94.0	96.8	96.9	97.7	98.0	98.2	98.4	98.7	98.8	99.1	99.1	99.1	99.1
≥ 300	66.8	88.6	91.8	94.0	96.8	96.9	97.7	98.0	98.2	98.7	98.9	99.1	99.6	99.6	99.6	99.6
≥ 200	66.8	88.6	91.8	94.0	96.8	96.9	97.7	98.0	98.2	98.7	98.9	99.1	99.7	99.7	99.9	99.9
≥ 100	66.8	88.6	91.8	94.0	96.8	96.9	97.7	98.0	98.2	98.7	98.9	99.1	99.7	99.7	100.0	100.0
≥ 0	66.8	88.6	91.8	94.0	96.8	96.9	97.7	98.0	98.2	98.7	98.9	99.1	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

72_227 (STATION) — WATERTOWN NY (STATION NAME) — 74-83 (YEARS) — APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	46.2	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.4
≥ 20000	49.4	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.7
≥ 18000	49.4	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.7
≥ 16000	49.4	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.7
≥ 14000	50.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.6
≥ 12000	52.2	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.9
≥ 10000	55.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.2
≥ 9000	55.7	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.4
≥ 8000	58.7	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.6
≥ 7000	59.2	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.7
≥ 6000	59.6	68.3	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.8
≥ 5000	62.7	72.1	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.7
≥ 4500	63.1	72.8	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.4
≥ 4000	64.9	76.0	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.8
≥ 3500	65.7	78.0	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.8
≥ 3000	66.7	80.7	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	82.0
≥ 2500	67.1	82.6	83.2	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.1
≥ 2000	68.2	85.7	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.3
≥ 1800	68.3	86.2	86.9	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	88.0
≥ 1500	68.7	88.0	89.1	89.7	90.1	90.1	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.8
≥ 1200	68.7	88.8	90.2	91.0	91.6	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.4
≥ 1000	68.7	89.3	91.1	92.2	92.8	92.9	93.1	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.9
≥ 900	68.7	89.8	92.3	93.4	94.0	94.1	94.4	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.2
≥ 800	68.7	90.3	93.1	94.3	95.0	95.1	95.7	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.4
≥ 700	68.7	90.4	93.2	94.4	95.3	95.4	96.0	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.9
≥ 600	68.7	90.7	93.6	95.3	96.6	96.7	97.2	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.1	98.2
≥ 500	68.7	90.8	93.7	95.4	96.7	96.9	97.4	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.4	98.6
≥ 400	68.7	90.9	93.8	95.6	96.8	97.0	97.6	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.6	98.7
≥ 300	68.7	90.9	93.8	95.6	96.8	97.0	97.7	98.1	98.2	98.6	98.7	98.9	98.9	98.9	99.0	99.1
≥ 200	68.7	90.9	93.8	95.6	96.8	97.0	97.7	98.2	98.3	98.7	98.9	99.1	99.2	99.2	99.3	99.4
≥ 100	68.7	90.9	93.8	95.6	96.8	97.0	97.7	98.2	98.3	98.8	99.0	99.2	99.4	99.4	99.6	99.7
≥ 0	68.7	90.9	93.8	95.6	96.8	97.0	97.7	98.2	98.3	98.8	99.0	99.2	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GL TAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7? 227 (STATION) WATERTOWN NY (STATION NAME) 74-83 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.9	44.2	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	45.0
≥ 20000	43.0	48.9	49.3	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.7
≥ 18000	43.9	49.0	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7
≥ 16000	43.9	49.0	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7
≥ 14000	44.4	49.6	50.0	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3
≥ 12000	45.6	51.2	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.0
≥ 10000	48.1	54.1	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9
≥ 9000	48.2	54.3	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1
≥ 8000	50.6	57.6	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.6
≥ 7000	51.1	58.4	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4
≥ 6000	52.2	60.3	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
≥ 5000	54.3	63.8	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1
≥ 4500	55.2	65.3	66.1	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7
≥ 4000	57.1	68.5	69.6	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
≥ 3500	58.6	71.1	72.3	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2
≥ 3000	60.7	74.8	76.4	76.9	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.6
≥ 2500	62.6	78.8	80.7	81.5	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.2
≥ 2000	63.7	81.3	83.6	84.5	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.6
≥ 1800	63.9	81.9	84.3	85.2	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
≥ 1500	64.5	83.4	86.0	87.2	88.0	88.1	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.6
≥ 1200	64.7	84.4	87.4	88.9	89.8	90.0	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.8
≥ 1000	64.9	85.5	88.7	90.5	91.6	91.8	92.3	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 900	64.9	85.6	89.1	90.9	92.1	92.3	92.9	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.5
≥ 800	65.0	86.1	89.8	91.8	93.2	93.4	94.1	94.4	94.4	94.7	94.9	94.9	94.9	94.9	94.9	95.0
≥ 700	65.0	86.2	90.1	92.2	93.7	94.0	94.7	95.0	95.0	95.4	95.5	95.5	95.5	95.5	95.6	95.6
≥ 600	65.0	86.4	90.5	92.8	94.5	94.7	95.5	95.9	95.9	96.4	96.6	96.6	96.6	96.6	96.7	96.7
≥ 500	65.0	86.6	90.8	93.3	95.1	95.4	96.3	96.8	96.9	97.5	97.7	97.8	97.9	97.9	98.0	98.1
≥ 400	65.0	86.7	90.8	93.4	95.3	95.6	96.7	97.2	97.3	98.0	98.2	98.2	98.4	98.4	98.5	98.6
≥ 300	65.0	86.7	90.9	93.5	95.3	95.7	96.8	97.4	97.5	98.2	98.6	98.6	98.9	98.9	99.0	99.1
≥ 200	65.0	86.7	90.9	93.5	95.4	95.8	96.9	97.5	97.6	98.4	98.8	98.8	99.2	99.2	99.4	99.5
≥ 100	65.0	86.7	90.9	93.5	95.4	95.8	96.9	97.5	97.6	98.4	98.8	98.9	99.3	99.3	99.5	99.7
≥ 0	65.0	86.7	90.9	93.5	95.4	95.8	96.9	97.5	97.6	98.4	98.8	98.9	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7192

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

727 WATERTOWN NY (STATION / STATION NAME) 74-83 (YEARS) MAY (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	47.2	54.3	56.1	56.6	56.6	56.7	56.7	56.7	56.7	57.2	57.3	57.3	57.4	57.5	57.9	57.9
≥ 20000	47.2	56.7	58.6	59.2	59.2	59.3	59.3	59.3	59.3	59.8	59.9	59.9	60.0	60.2	60.5	60.5
≥ 18000	47.2	56.7	58.6	59.2	59.2	59.3	59.3	59.3	59.3	59.8	59.9	59.9	60.0	60.2	60.5	60.5
≥ 16000	47.2	56.7	58.6	59.2	59.2	59.3	59.3	59.3	59.3	59.8	59.9	59.9	60.0	60.2	60.5	60.5
≥ 14000	47.7	57.2	59.1	59.7	59.7	59.8	59.8	59.8	59.8	60.3	60.4	60.4	60.5	60.6	61.0	61.0
≥ 12000	48.4	58.4	60.3	60.9	60.9	61.0	61.0	61.0	61.0	61.5	61.6	61.6	61.7	61.9	62.2	62.2
≥ 10000	50.3	62.2	64.4	65.0	65.1	65.2	65.2	65.2	65.2	65.7	65.8	65.8	65.9	66.1	66.4	66.4
≥ 9000	51.0	63.3	65.5	66.1	66.2	66.3	66.3	66.3	66.3	66.8	66.9	66.9	67.0	67.1	67.5	67.5
≥ 8000	54.5	68.1	70.6	71.2	71.4	71.5	71.5	71.5	71.5	72.0	72.1	72.1	72.2	72.3	72.7	72.7
≥ 7000	54.9	68.7	71.2	71.8	72.0	72.1	72.1	72.1	72.1	72.6	72.7	72.7	72.8	72.9	73.3	73.3
≥ 6000	55.7	70.4	73.0	73.8	74.1	74.2	74.2	74.2	74.2	74.7	74.8	74.8	75.0	75.1	75.5	75.5
≥ 5000	57.1	76.2	78.9	79.7	80.4	80.9	80.9	80.9	80.9	81.3	81.5	81.5	81.6	81.7	82.1	82.1
≥ 4500	58.4	76.7	79.4	80.1	80.9	81.3	81.3	81.3	81.3	81.8	81.9	81.9	82.1	82.2	82.6	82.6
≥ 4000	59.7	78.7	81.5	82.2	83.0	83.5	83.5	83.5	83.5	84.0	84.1	84.1	84.2	84.4	84.7	84.7
≥ 3500	60.0	79.9	82.7	83.4	84.2	84.7	84.7	84.7	84.7	85.2	85.3	85.3	85.4	85.6	85.9	85.9
≥ 3000	61.6	82.3	85.3	86.5	87.4	87.8	88.1	88.1	88.1	88.6	88.7	88.7	88.8	88.9	89.3	89.3
≥ 2500	62.1	83.5	86.8	88.2	89.2	89.7	89.9	89.9	89.9	90.4	90.5	90.5	90.6	90.7	91.1	91.1
≥ 2000	62.1	84.7	88.2	89.7	90.7	91.2	91.5	91.5	91.5	91.9	92.1	92.1	92.2	92.3	92.7	92.7
≥ 1800	62.5	85.3	88.8	90.3	91.3	91.8	92.1	92.1	92.1	92.5	92.7	92.7	92.8	92.9	93.3	93.3
≥ 1500	62.6	86.2	90.0	91.5	92.5	93.0	93.3	93.3	93.3	93.7	93.9	93.9	94.0	94.1	94.5	94.5
≥ 1200	62.7	86.3	90.4	91.9	93.1	93.6	93.9	93.9	93.9	94.3	94.5	94.5	94.6	94.7	95.1	95.1
≥ 1000	62.7	86.5	90.6	92.3	93.7	94.2	94.5	94.5	94.5	94.9	95.1	95.1	95.2	95.3	95.7	95.7
≥ 900	62.8	86.9	91.0	92.7	94.2	94.7	94.9	94.9	94.9	95.4	95.5	95.5	95.7	95.8	96.1	96.1
≥ 800	62.8	87.0	91.5	93.4	95.3	95.8	96.1	96.1	96.1	96.8	96.9	96.9	97.0	97.1	97.5	97.5
≥ 700	62.8	87.0	91.5	93.4	95.4	95.9	96.3	96.3	96.3	96.9	97.0	97.0	97.1	97.2	97.6	97.6
≥ 600	62.8	87.0	91.5	93.4	95.4	95.9	96.3	96.3	96.3	96.9	97.0	97.0	97.1	97.2	97.6	97.6
≥ 500	62.8	87.0	91.6	93.6	95.8	96.3	96.6	96.6	96.6	97.2	97.4	97.4	97.5	97.6	98.0	98.0
≥ 400	62.8	87.0	91.6	93.7	95.9	96.4	97.0	97.1	97.1	97.8	98.0	98.0	98.1	98.2	98.6	98.6
≥ 300	62.8	87.0	91.6	93.9	96.0	96.5	97.2	97.6	97.6	98.4	98.7	98.7	98.8	98.9	99.3	99.3
≥ 200	62.8	87.0	91.6	93.9	96.0	96.5	97.2	97.6	97.6	98.4	98.7	98.7	98.9	99.0	99.5	99.5
≥ 100	62.8	87.0	91.6	93.9	96.0	96.5	97.2	97.6	97.6	98.4	98.7	98.7	98.9	99.0	99.5	99.5
≥ 0	62.8	87.0	91.6	93.9	96.0	96.5	97.2	97.6	97.6	98.4	98.7	98.7	98.9	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 631

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

?? 727 (STATION) WATERTOWN NY (STATION NAME) 74-83 (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	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	40.5	47.2	50.1	51.7	52.2	52.2	52.7	52.8	52.8	52.9	52.9	52.9	53.0	53.3	53.6	53.6
≥ 20000	42.9	50.2	53.1	54.8	55.2	55.2	55.8	55.9	55.9	56.0	56.0	56.0	56.2	56.4	56.7	56.7
≥ 18000	42.9	50.2	53.1	54.8	55.2	55.2	55.8	55.9	55.9	56.0	56.0	56.0	56.2	56.4	56.7	56.7
≥ 16000	42.9	50.2	53.1	54.8	55.2	55.2	55.8	55.9	55.9	56.0	56.0	56.0	56.2	56.4	56.7	56.7
≥ 14000	43.1	50.5	53.4	55.0	55.5	55.6	56.2	56.3	56.3	56.4	56.4	56.4	56.5	56.7	57.1	57.1
≥ 12000	44.0	51.5	54.5	56.2	56.6	56.7	57.3	57.4	57.4	57.6	57.6	57.6	57.7	57.9	58.3	58.3
≥ 10000	45.5	54.2	57.3	59.4	60.3	60.5	61.0	61.2	61.2	61.3	61.3	61.3	61.5	61.7	62.1	62.1
≥ 9000	46.0	54.8	57.9	60.0	60.9	61.0	61.6	61.7	61.7	61.9	61.9	61.9	62.1	62.3	62.7	62.7
≥ 8000	49.4	57.9	61.2	63.3	64.2	64.3	64.9	65.0	65.0	65.2	65.2	65.2	65.5	65.7	66.0	66.0
≥ 7000	49.8	58.8	62.1	64.2	65.1	65.2	65.8	65.9	65.9	66.2	66.2	66.2	66.4	66.6	67.0	67.0
≥ 6000	49.5	60.0	63.3	65.5	66.4	66.5	67.1	67.3	67.3	67.6	67.7	67.7	67.9	68.1	68.5	68.5
≥ 5000	52.1	65.6	69.5	72.0	73.1	73.3	73.8	74.1	74.1	74.3	74.4	74.4	74.7	74.9	75.2	75.2
≥ 4500	52.6	66.4	70.6	73.0	74.3	74.4	75.0	75.2	75.2	75.5	75.6	75.6	75.8	76.0	76.4	76.4
≥ 4000	53.5	68.1	72.4	74.9	76.5	76.6	77.3	77.6	77.6	77.8	77.9	77.9	78.1	78.4	78.7	78.7
≥ 3500	55.2	70.7	75.1	77.6	79.3	79.4	80.1	80.3	80.3	80.7	80.8	80.8	81.0	81.3	81.6	81.6
≥ 3000	56.9	73.1	77.8	80.6	82.8	82.9	83.6	83.8	83.8	84.2	84.3	84.3	84.5	84.8	85.1	85.1
≥ 2500	57.4	74.4	79.4	82.6	84.8	84.9	85.6	86.0	86.0	86.4	86.5	86.5	86.7	87.0	87.3	87.3
≥ 2000	57.8	75.3	80.6	83.7	86.2	86.3	87.0	87.4	87.4	87.8	87.9	87.9	88.1	88.4	88.7	88.7
≥ 1800	57.8	75.5	80.8	84.0	86.5	86.6	87.3	87.8	87.8	88.1	88.3	88.3	88.5	88.7	89.1	89.1
≥ 1500	58.1	76.2	81.7	85.1	87.7	88.0	88.8	89.3	89.3	89.7	89.8	89.8	90.0	90.2	90.6	90.6
≥ 1200	58.6	76.7	82.4	86.0	88.6	89.0	89.8	90.2	90.2	90.6	90.7	90.7	90.9	91.2	91.5	91.5
≥ 1000	58.6	77.0	82.9	86.5	89.2	89.5	90.3	90.8	90.8	91.2	91.3	91.4	91.6	91.9	92.2	92.2
≥ 900	58.6	77.3	83.3	86.9	89.8	90.1	90.9	91.4	91.4	91.7	91.9	92.0	92.2	92.4	92.8	92.8
≥ 800	58.7	77.8	83.8	87.8	90.8	91.2	92.0	92.4	92.4	92.8	92.9	93.0	93.3	93.5	93.8	93.8
≥ 700	58.7	77.8	84.0	88.1	91.2	91.5	92.3	92.9	92.9	93.3	93.4	93.5	93.7	94.0	94.3	94.3
≥ 600	58.7	77.8	84.0	88.1	91.2	91.5	92.3	93.0	93.0	93.4	93.5	93.6	93.8	94.1	94.4	94.4
≥ 500	58.7	78.0	84.3	88.5	91.7	92.1	92.9	93.6	93.6	94.1	94.2	94.3	94.7	94.9	95.2	95.2
≥ 400	58.7	78.0	84.7	89.0	92.3	92.7	93.5	94.7	94.7	95.3	95.5	95.6	95.9	96.2	96.5	96.5
≥ 300	58.7	78.0	84.8	89.1	92.7	93.0	94.0	95.6	95.6	96.5	96.9	97.0	97.4	97.8	98.3	98.3
≥ 200	58.7	78.1	85.0	89.3	92.9	93.3	94.2	96.0	96.0	97.0	97.4	97.6	98.0	98.6	99.1	99.1
≥ 100	58.7	78.1	85.0	89.3	92.9	93.3	94.2	96.0	96.0	97.0	97.4	97.6	98.0	98.6	99.1	99.3
≥ 0	58.7	78.1	85.0	89.3	92.9	93.3	94.2	96.0	96.0	97.0	97.4	97.6	98.0	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 860

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]227 — WATERTOWN NY — 74-83 — MAY

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS: [illegible]

CEILING FEET	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	40.0	42.1	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000	36.1	44.7	47.0	48.3	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 18000	36.1	44.7	47.0	48.3	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 16000	36.1	44.7	47.0	48.3	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 14000	36.4	45.0	47.4	48.3	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 12000	37.5	46.4	48.9	50.3	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000	40.9	51.1	54.0	56.5	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9000	41.4	51.7	54.6	57.1	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 8000	43.5	55.4	58.5	61.3	61.9	61.9	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	44.1	56.5	59.5	62.4	63.1	63.1	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 6000	45.6	58.7	62.0	64.9	65.7	65.7	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 5000	45.7	63.1	67.3	70.4	71.3	71.3	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	[illegible]
≥ 4500	49.4	64.3	68.9	71.7	72.6	72.6	73.1	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	50.1	66.3	71.2	74.9	75.7	75.7	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	50.9	67.6	72.7	76.5	77.3	77.3	77.9	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3000	52.4	70.0	75.6	79.6	80.7	80.7	81.2	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	52.9	71.3	77.1	81.3	82.6	82.7	83.3	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2000	53.9	72.7	78.7	83.6	85.2	85.5	86.3	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	53.9	72.9	79.0	83.8	85.4	85.9	86.6	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	54.3	73.9	80.2	85.2	87.3	87.7	88.7	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	55.1	74.5	81.0	86.2	88.3	88.8	89.8	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	55.3	75.2	81.8	87.2	89.8	90.2	91.3	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2	[illegible]
≥ 900	55.3	75.2	81.9	87.3	90.0	90.4	91.5	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	55.4	75.7	82.5	88.3	91.3	91.8	93.0	93.5	93.6	94.2	94.2	94.2	94.2	94.2	94.2	[illegible]
≥ 700	55.4	75.8	82.7	88.6	91.6	92.3	93.6	94.3	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	55.4	75.8	82.7	88.6	91.6	92.3	93.6	94.3	94.4	95.0	95.0	95.0	95.0	[illegible]	[illegible]	[illegible]
≥ 500	55.4	76.3	83.4	89.3	92.9	93.6	94.9	95.6	95.7	96.4	96.4	96.4	96.5	96.5	96.5	[illegible]
≥ 400	55.4	76.5	83.9	90.0	93.7	94.5	95.8	96.5	96.7	97.5	97.5	97.5	97.6	97.6	97.6	[illegible]
≥ 300	55.4	76.5	83.9	90.3	94.1	94.9	96.4	97.3	97.4	98.4	98.6	98.6	99.0	99.0	99.0	[illegible]
≥ 200	55.4	76.5	83.9	90.3	94.2	95.1	96.7	97.5	97.6	98.6	98.8	98.8	99.2	99.2	99.5	[illegible]
≥ 100	55.4	76.5	83.9	90.3	94.2	95.1	96.7	97.5	97.6	98.6	98.8	98.8	99.2	99.2	99.5	99.7
≥ 0	55.4	76.5	83.9	90.3	94.2	95.1	96.7	97.5	97.6	98.6	98.8	98.8	99.2	99.2	99.5	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible]227 — WATERTOWN NY (STATION, STATION NAME) — 74-83 (YEARS) — MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	37.9	42.2	43.9	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
≥ 20000	37.4	46.7	48.6	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
≥ 18000	37.4	46.7	48.6	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
≥ 16000	37.4	46.7	48.6	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
≥ 14000	37.8	47.2	49.1	50.2	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	39.2	48.6	50.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 10000	41.5	51.9	54.6	56.2	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	41.9	52.4	55.1	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 8000	44.7	56.2	59.0	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 7000	45.1	56.8	59.6	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 6000	46.9	59.7	62.6	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 5000	48.7	62.7	66.0	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4500	49.1	63.3	66.7	68.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	49.9	65.2	68.7	71.1	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500	51.5	67.4	71.7	74.3	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3000	52.6	70.0	74.6	77.4	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500	54.1	73.3	78.3	81.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	56.0	76.3	81.6	84.9	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	56.1	76.7	81.9	85.3	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500	57.8	78.7	84.1	87.8	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	59.2	79.6	85.1	89.0	90.3	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	59.7	81.4	87.2	92.0	93.3	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	59.7	81.8	87.7	92.7	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	59.7	81.9	87.8	93.1	94.7	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	59.8	82.4	88.4	93.7	95.5	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	59.8	82.6	88.8	94.1	96.0	96.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	59.8	82.9	89.5	95.1	97.3	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	59.8	82.9	89.5	95.1	97.4	98.0	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	59.9	83.0	89.6	95.2	97.6	98.2	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	59.8	83.0	89.6	95.2	97.6	98.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.8	83.0	89.6	95.2	97.6	98.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.9	83.0	89.6	95.2	97.6	98.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726227	WATERTOWN NY	74-83	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-0-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	34.1	42.3	44.9	45.4	4 .4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 20000	37.3	48.0	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000	37.3	48.0	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000	37.3	48.0	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	38.7	48.8	51.5	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
≥ 12000	39.1	50.2	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 10000	42.7	54.4	57.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	42.9	54.7	57.6	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
≥ 8000	45.6	58.7	61.6	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
≥ 7000	46.3	60.2	63.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 6000	49.4	62.3	65.4	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 5000	50.8	66.0	69.2	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4500	51.3	66.9	70.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4000	52.4	68.8	72.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	54.1	71.4	75.6	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3000	56.2	74.5	79.1	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500	57.7	77.1	82.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	59.1	80.4	85.7	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	59.1	80.5	85.8	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1500	61.1	83.0	88.9	91.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	61.7	84.0	89.5	92.5	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	62.0	85.1	90.8	94.0	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	62.1	85.6	91.4	94.6	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	62.2	85.9	91.8	95.1	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	62.2	86.5	92.5	95.7	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	62.3	86.7	93.0	96.2	98.0	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	62.3	86.7	93.1	96.5	98.3	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	62.3	86.7	93.1	96.5	98.7	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	62.3	86.7	93.1	96.5	98.7	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	62.3	86.7	93.1	96.5	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	62.3	86.7	93.1	96.5	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	62.3	86.7	93.1	96.5	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible] 227	WATERTOWN NY	74-83	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	37.6	[illegible]	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
≥ 20000	39.7	49.4	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 18000	39.7	49.5	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	39.9	49.7	52.2	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 14000	40.3	50.2	52.8	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 12000	41.1	51.2	53.9	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000	42.2	53.5	56.5	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
≥ 9000	43.7	54.2	57.1	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 8000	45.3	59.0	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 7000	46.0	59.8	62.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	49.6	62.3	65.4	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000	51.4	66.3	70.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	52.7	68.0	72.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	55.7	73.2	78.2	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
≥ 3500	57.2	76.1	81.4	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	59.2	79.1	84.6	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	60.3	80.8	86.5	88.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	61.1	82.4	88.1	90.6	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	61.1	82.5	88.2	90.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	61.2	84.0	89.8	92.6	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	62.6	84.8	90.9	93.8	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	62.6	85.4	91.5	94.5	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	62.6	86.0	92.2	95.2	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	62.6	86.0	92.6	95.6	97.3	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	62.6	86.1	92.9	95.9	97.6	97.6	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	62.6	86.1	93.0	96.0	97.7	97.8	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	62.6	86.2	93.1	96.1	98.0	98.2	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	62.6	86.2	93.1	96.1	98.3	98.5	98.9	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	62.6	86.2	93.1	96.1	98.3	98.6	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	62.6	86.2	93.1	96.1	98.3	98.6	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	62.6	86.2	93.1	96.1	98.3	98.6	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	62.6	86.2	93.1	96.1	98.3	98.6	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

! AL CLIMATOLOGY BRANCH
ETAC
A. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

227 AIERTOWN NY (STATION / STATION NAME) — 74-83 (YEARS) — MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

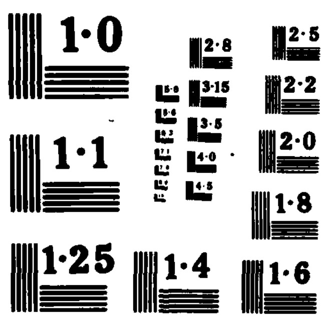
CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	37.4	46.2	48.2	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥20000	40.7	51.7	53.9	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥18000	40.7	51.7	53.9	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥16000	40.7	51.7	53.9	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥14000	41.0	52.1	54.4	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥12000	41.7	53.1	55.2	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥10000	43.7	56.4	59.4	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥9000	44.2	56.8	59.9	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥8000	46.3	60.5	63.9	65.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥7000	47.9	62.8	66.4	67.8	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥6000	49.1	64.8	68.5	69.9	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥5000	53.3	70.2	74.3	75.7	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥4500	54.5	71.8	75.9	77.4	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥4000	56.9	75.8	80.6	82.2	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥3500	57.7	78.0	82.9	84.7	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥3000	59.3	80.8	85.9	87.8	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥2500	60.3	83.0	88.4	90.9	91.6	91.6	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥2000	61.1	84.1	89.6	92.2	93.2	93.2	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥1800	61.1	84.2	89.7	92.4	93.3	93.3	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥1500	61.7	85.1	90.7	93.4	94.5	94.5	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥1200	61.7	85.6	91.3	94.0	95.3	95.3	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥1000	61.7	86.0	91.7	94.4	95.9	95.9	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥900	61.7	86.1	91.9	94.8	96.3	96.3	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥800	61.7	86.2	91.9	95.3	96.9	96.9	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥700	61.9	86.3	92.0	95.5	97.3	97.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥600	61.9	86.3	92.0	95.6	97.4	97.4	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥500	61.9	86.3	92.0	95.7	97.6	97.6	98.8	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥400	61.9	86.3	92.0	95.8	98.1	98.1	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300	61.9	86.3	92.0	95.8	98.2	98.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	61.9	86.3	92.0	95.8	98.2	98.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	61.9	86.3	92.0	95.8	98.2	98.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	61.9	86.3	92.0	95.8	98.2	98.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AD-A159 640 WATERTOWN NEW YORK REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. OCT 84 3/5

UNCLASSIFIED USAFETAC/DS-84/035 F/G 4/2 NL


1·0
2·8
2·5
3·15
2·2
3·5
4·0
2·0
4·5
1·1
1·8
1·25
1·4
1·6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]227 — WATERTOWN NY (STATION / STATION NAME) — 74-83 (YEARS) — MAY (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	41.1	52.4	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.4	55.4	55.4
≥ 20000	44.9	56.5	58.7	59.0	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6
≥ 18000	44.9	56.5	58.7	59.0	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6
≥ 16000	44.9	56.5	58.7	59.0	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6
≥ 14000	45.1	56.8	59.0	59.4	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	60.0	60.0	60.0
≥ 12000	46.3	58.3	60.5	61.0	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8
≥ 10000	48.2	61.8	64.1	64.8	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.7	65.7	65.7
≥ 9000	48.3	62.0	64.3	65.0	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9
≥ 8000	50.6	65.2	67.8	68.8	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7
≥ 7000	51.9	67.3	69.9	70.9	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8
≥ 6000	52.5	69.6	72.2	73.2	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.3
≥ 5000	56.7	75.4	78.3	79.3	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.8
≥ 4500	56.9	76.9	79.7	80.9	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4
≥ 4000	58.1	79.6	82.6	83.9	85.4	85.4	85.4	85.7	85.7	85.8	85.8	85.8	85.8	86.0	86.0	86.0
≥ 3500	59.1	81.8	84.9	86.3	87.8	87.8	87.8	88.1	88.1	88.3	88.3	88.3	88.3	88.4	88.4	88.4
≥ 3000	59.2	84.2	87.5	88.8	90.7	90.7	90.7	91.0	91.0	91.1	91.1	91.1	91.1	91.3	91.3	91.3
≥ 2500	60.4	85.4	88.6	90.1	91.9	91.9	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9	92.9
≥ 2000	61.0	87.1	90.8	92.3	94.6	94.6	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 1800	61.0	87.1	91.0	92.5	94.8	94.8	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7
≥ 1500	61.0	87.5	91.5	93.0	95.4	95.4	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 1200	61.1	87.9	92.1	93.6	96.3	96.3	96.9	97.2	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5
≥ 1000	61.1	88.3	92.6	94.2	97.2	97.2	97.9	98.3	98.3	98.4	98.4	98.4	98.6	98.7	98.7	98.7
≥ 900	61.1	88.3	92.6	94.2	97.2	97.2	97.9	98.3	98.3	98.4	98.4	98.4	98.6	98.7	98.7	98.7
≥ 800	61.1	88.4	92.8	94.4	97.4	97.4	98.2	98.5	98.5	98.6	98.6	98.6	98.8	99.0	99.0	99.0
≥ 700	61.1	88.4	92.8	94.4	97.4	97.4	98.2	98.5	98.5	98.6	98.6	98.6	98.8	99.0	99.0	99.0
≥ 600	61.1	88.4	92.8	94.4	97.4	97.4	98.2	98.5	98.5	98.7	98.7	98.7	99.0	99.1	99.1	99.1
≥ 500	61.1	88.5	92.9	94.6	97.8	97.8	98.6	99.0	99.0	99.2	99.2	99.2	99.4	99.5	99.5	99.5
≥ 400	61.1	88.5	92.9	94.6	97.9	97.9	98.7	99.1	99.1	99.3	99.3	99.3	99.5	99.7	99.7	99.7
≥ 300	61.1	88.5	92.9	94.6	98.0	98.0	98.8	99.2	99.2	99.4	99.5	99.5	99.8	99.9	99.9	99.9
≥ 200	61.1	88.5	92.9	94.6	98.0	98.0	98.8	99.2	99.2	99.4	99.5	99.5	99.8	99.9	99.9	99.9
≥ 100	61.1	88.5	92.9	94.6	98.0	98.0	98.8	99.2	99.2	99.4	99.5	99.5	99.8	99.9	100.0	100.0
≥ 0	61.1	88.5	92.9	94.6	98.0	98.0	98.8	99.2	99.2	99.4	99.5	99.5	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 669

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

726227	WATERTOWN NY	74-83	MAY
STATION	STATION NAME	YEARS	MONTH

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	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	37.2	46.0	48.1	48.9	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.4
≥ 20000	40.6	50.3	52.7	53.5	53.7	53.7	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.1
≥ 18000	40.6	50.3	52.7	53.5	53.7	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.1	54.1
≥ 16000	40.7	50.4	52.7	53.6	53.7	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.2	54.2
≥ 14000	41.0	50.8	53.2	54.1	54.2	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.6	54.7	54.7
≥ 12000	42.0	52.1	54.5	55.3	55.6	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.9	55.9	56.0	56.0
≥ 10000	44.4	55.6	58.3	59.7	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.5	60.5
≥ 9000	44.8	56.1	58.9	60.2	60.5	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.9	60.9	61.0	61.0
≥ 8000	47.4	60.0	63.0	64.5	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.4	65.4
≥ 7000	48.1	61.2	64.3	65.9	66.3	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.8	66.8
≥ 6000	49.4	63.3	66.4	68.1	68.6	68.6	68.8	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.1	69.1
≥ 5000	52.3	68.0	71.6	73.3	74.0	74.0	74.2	74.2	74.2	74.3	74.4	74.4	74.4	74.5	74.5	74.5
≥ 4500	52.9	69.1	72.8	74.6	75.3	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.9	75.9
≥ 4000	54.4	71.9	75.9	77.9	78.7	78.8	79.0	79.1	79.1	79.2	79.3	79.3	79.3	79.4	79.4	79.4
≥ 3500	55.6	74.0	78.3	80.4	81.3	81.3	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.9	82.0	82.0
≥ 3000	57.2	76.7	81.2	83.6	84.6	84.7	84.9	85.0	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3
≥ 2500	59.1	78.5	83.3	86.0	87.2	87.3	87.6	87.7	87.7	87.9	87.9	87.9	88.0	88.0	88.1	88.1
≥ 2000	59.7	80.3	85.4	88.2	89.6	89.8	90.1	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.6	90.6
≥ 1800	59.7	80.5	85.6	88.5	89.9	90.0	90.4	90.5	90.5	90.7	90.7	90.7	90.8	90.8	90.9	90.9
≥ 1500	59.9	81.8	87.0	90.0	91.6	91.8	92.2	92.4	92.4	92.5	92.6	92.6	92.6	92.7	92.8	92.8
≥ 1200	60.3	82.4	87.8	90.9	92.6	92.8	93.2	93.4	93.4	93.6	93.6	93.6	93.6	93.7	93.8	93.8
≥ 1000	60.3	83.1	88.6	91.9	93.9	94.0	94.6	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.2	95.2
≥ 900	60.3	83.4	89.0	92.3	94.4	94.6	95.1	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.8	95.8
≥ 800	60.4	83.6	89.3	92.9	95.1	95.3	95.9	96.1	96.1	96.3	96.4	96.4	96.4	96.5	96.6	96.6
≥ 700	60.4	83.8	89.6	93.2	95.4	95.7	96.4	96.6	96.6	96.8	96.9	96.9	96.9	97.0	97.1	97.1
≥ 600	60.4	83.8	89.7	93.3	95.6	95.9	96.6	96.9	96.9	97.2	97.3	97.3	97.3	97.4	97.5	97.5
≥ 500	60.4	84.0	90.0	93.7	96.2	96.5	97.3	97.6	97.6	98.0	98.0	98.0	98.1	98.2	98.3	98.3
≥ 400	60.4	84.0	90.1	93.9	96.6	96.9	97.7	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.9	98.9
≥ 300	60.4	84.0	90.1	94.0	96.7	97.1	98.0	98.5	98.5	99.0	99.2	99.2	99.3	99.4	99.5	99.5
≥ 200	60.4	84.0	90.2	94.0	96.8	97.2	98.1	98.6	98.7	99.2	99.3	99.3	99.5	99.6	99.8	99.8
≥ 100	60.4	84.0	90.2	94.0	96.8	97.2	98.1	98.6	98.7	99.2	99.3	99.3	99.5	99.6	99.8	99.8
≥ 0	60.4	84.0	90.2	94.0	96.8	97.2	98.1	98.6	98.7	99.2	99.3	99.3	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7206

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

726227 WATERTOWN NY | 74-83 | JUN
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	43.7	53.0	55.3	55.8	56.9	57.1	57.7	58.0	58.0	58.7	58.8	58.6	58.9	58.9	59.0	59.3
≥ 20000	45.0	55.9	58.7	59.4	60.5	60.6	61.3	61.6	61.6	62.3	62.4	62.4	62.5	62.5	62.6	62.9
≥ 18000	45.0	55.9	58.7	59.4	60.5	60.6	61.3	61.6	61.6	62.3	62.4	62.4	62.5	62.5	62.6	62.9
≥ 16000	45.0	55.9	58.7	59.4	60.5	60.6	61.3	61.6	61.6	62.3	62.4	62.4	62.5	62.5	62.6	62.9
≥ 14000	45.0	56.1	58.8	59.5	60.6	60.8	61.4	61.8	61.8	62.4	62.5	62.5	62.6	62.6	62.7	63.0
≥ 12000	45.3	57.3	60.1	61.1	62.3	62.4	63.0	63.4	63.4	64.0	64.1	64.1	64.2	64.2	64.4	64.6
≥ 10000	47.3	59.5	62.4	63.4	64.6	64.7	65.5	65.8	65.8	66.5	66.6	66.6	66.7	66.7	66.8	67.1
≥ 9000	47.5	59.8	62.6	63.6	64.9	65.0	65.7	66.1	66.1	66.7	66.8	66.8	67.0	67.0	67.1	67.3
≥ 8000	49.8	64.0	67.0	68.1	69.4	69.6	70.4	70.8	70.8	71.5	71.7	71.7	71.8	71.8	71.9	72.2
≥ 7000	50.1	64.4	67.3	68.4	69.8	69.9	70.8	71.2	71.2	71.9	72.0	72.0	72.2	72.2	72.3	72.5
≥ 6000	50.7	66.6	69.7	71.2	72.5	72.6	73.5	73.9	73.9	74.6	74.8	74.8	74.9	74.9	75.0	75.2
≥ 5000	53.2	70.3	73.6	75.1	77.0	77.1	78.0	78.3	78.3	79.1	79.2	79.2	79.3	79.3	79.5	79.7
≥ 4500	54.5	72.2	75.7	77.2	79.1	79.2	80.1	80.4	80.4	81.2	81.3	81.3	81.4	81.4	81.6	81.6
≥ 4000	55.4	74.1	78.1	79.6	81.8	81.9	82.8	83.2	83.2	83.9	84.0	84.0	84.2	84.2	84.3	84.5
≥ 3500	56.6	76.6	80.6	82.1	84.3	84.4	85.3	85.6	85.6	86.4	86.5	86.5	86.6	86.6	86.8	87.0
≥ 3000	57.8	79.1	83.3	85.0	87.3	87.4	88.2	88.6	88.6	89.4	89.5	89.5	89.6	89.6	89.7	90.0
≥ 2500	59.0	80.1	84.3	86.0	88.4	88.5	89.5	89.9	89.9	90.6	90.7	90.7	90.8	90.8	91.0	91.2
≥ 2000	58.7	81.2	85.6	87.6	90.1	90.2	91.2	91.6	91.6	92.3	92.5	92.5	92.6	92.6	92.7	92.9
≥ 1800	59.8	91.6	86.4	88.4	91.2	91.3	92.3	92.7	92.7	93.4	93.6	93.6	93.7	93.7	93.8	94.1
≥ 1500	58.9	82.2	87.3	89.5	92.6	92.7	93.7	94.1	94.1	94.8	94.9	94.9	95.0	95.0	95.2	95.4
≥ 1200	58.9	82.4	87.9	90.5	93.6	93.7	95.0	95.4	95.4	96.2	96.3	96.3	96.4	96.4	96.5	96.8
≥ 1000	58.9	82.5	88.1	90.7	93.9	94.1	95.4	95.8	95.8	96.5	96.7	96.7	96.8	96.8	96.9	97.2
≥ 900	58.9	82.5	88.1	90.7	93.9	94.1	95.4	95.8	95.8	96.5	96.7	96.7	96.8	96.8	96.9	97.2
≥ 800	58.9	82.7	88.4	91.0	94.3	94.6	96.0	96.4	96.4	97.2	97.3	97.3	97.4	97.4	97.5	97.8
≥ 700	58.9	82.7	88.4	91.0	94.4	94.7	96.2	96.7	96.7	97.4	97.5	97.5	97.6	97.6	97.8	98.0
≥ 600	59.0	83.0	88.7	91.5	94.9	95.2	96.7	97.2	97.2	97.9	98.0	98.0	98.1	98.1	98.3	96.5
≥ 500	59.0	83.0	88.7	91.5	94.9	95.2	96.8	97.3	97.3	98.0	98.3	98.3	98.4	98.4	98.5	98.8
≥ 400	59.0	83.0	88.7	91.5	94.9	95.2	96.9	97.4	97.4	98.1	98.4	98.4	98.5	96.6	98.9	99.1
≥ 300	59.0	83.0	88.7	91.5	94.9	95.2	96.9	97.4	97.4	98.1	98.4	98.4	98.5	98.6	98.9	99.1
≥ 200	59.0	83.0	88.7	91.5	94.9	95.2	96.9	97.4	97.4	98.1	98.4	98.4	98.9	99.0	99.3	99.5
≥ 100	59.0	83.0	88.7	91.5	94.9	95.2	96.9	97.4	97.4	98.1	98.4	98.4	99.0	99.1	99.4	99.8
≥ 0	59.0	83.2	88.9	91.6	95.0	95.3	97.0	97.5	97.5	98.3	98.5	98.5	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726227 WATERTOWN NY (STATION / STATION NAME) 74-83 (YEARS) JUN (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	39.3	45.7	47.6	48.9	51.0	51.3	52.1	52.3	52.3	52.7	52.9	52.9	53.2	53.2	53.6	53.6
≥ 20000	40.9	49.4	51.4	52.7	54.9	55.1	56.1	56.2	56.2	56.7	56.8	56.8	57.2	57.2	57.5	57.5
≥ 18000	40.8	49.4	51.4	52.7	54.9	55.1	56.1	56.2	56.2	56.7	56.8	56.8	57.2	57.2	57.5	57.5
≥ 16000	40.9	49.4	51.4	52.7	54.8	55.1	56.1	56.2	56.2	56.7	56.8	56.8	57.2	57.2	57.5	57.5
≥ 14000	41.3	49.9	51.9	53.2	55.3	55.6	56.6	56.7	56.7	57.2	57.3	57.3	57.6	57.6	58.0	58.0
≥ 12000	41.9	51.1	53.5	54.9	56.9	57.3	58.2	58.4	58.4	58.8	58.9	58.9	59.3	59.3	59.7	59.7
≥ 10000	43.9	53.8	56.6	58.0	60.3	60.6	61.7	61.8	61.8	62.3	62.4	62.4	62.8	62.8	63.1	63.1
≥ 9000	43.9	53.9	56.7	58.1	60.4	60.7	61.8	61.9	61.9	62.4	62.5	62.5	62.9	62.9	63.2	63.2
≥ 8000	45.7	56.0	58.9	60.7	63.1	63.5	64.6	64.8	64.8	65.4	65.5	65.5	66.0	66.0	66.3	66.3
≥ 7000	45.3	56.4	59.4	61.2	63.6	64.0	65.0	65.3	65.3	65.9	66.0	66.0	66.5	66.5	66.8	66.8
≥ 6000	45.7	57.9	60.9	62.6	65.0	65.4	66.6	66.8	66.8	67.4	67.5	67.5	68.0	68.0	68.4	68.4
≥ 5000	47.3	60.3	63.6	66.0	69.2	69.7	70.9	71.1	71.1	71.7	71.8	71.8	72.3	72.3	72.7	72.7
≥ 4500	47.9	61.3	64.7	67.1	70.4	70.9	72.1	72.3	72.3	72.9	73.0	73.0	73.5	73.5	73.9	73.9
≥ 4000	49.4	64.0	67.5	70.0	73.6	74.1	75.5	75.8	75.8	76.4	76.5	76.5	77.0	77.0	77.3	77.3
≥ 3500	50.2	66.7	70.4	73.0	76.7	77.2	78.6	78.9	78.9	79.5	79.6	79.6	80.1	80.1	80.4	80.4
≥ 3000	51.1	69.7	73.6	76.3	80.1	80.5	82.0	82.2	82.2	82.8	82.9	82.9	83.4	83.4	83.8	83.8
≥ 2500	51.6	70.8	74.9	77.7	82.0	82.5	83.9	84.2	84.2	84.8	85.0	85.0	85.4	85.4	85.8	85.6
≥ 2000	52.3	72.4	77.0	80.0	84.2	84.7	86.4	86.8	86.8	87.4	87.5	87.5	87.9	87.9	88.3	88.3
≥ 1800	52.5	72.9	77.4	80.4	84.7	85.2	86.9	87.2	87.2	87.8	87.9	87.9	88.4	88.4	88.8	88.8
≥ 1500	52.9	73.7	78.9	81.9	86.4	87.0	88.7	89.0	89.0	89.6	89.7	89.7	90.2	90.2	90.6	90.6
≥ 1200	53.2	74.6	80.2	83.2	87.9	88.5	90.5	90.9	90.9	91.6	91.8	91.8	92.2	92.2	92.6	92.6
≥ 1000	53.5	74.9	80.9	84.1	89.4	90.0	91.9	92.4	92.4	93.2	93.3	93.3	93.8	93.8	94.2	94.2
≥ 900	53.5	74.9	81.0	84.2	89.7	90.3	92.2	92.7	92.7	93.6	93.7	93.7	94.2	94.2	94.5	94.5
≥ 800	53.6	75.2	81.4	84.6	90.5	91.2	93.2	93.8	93.8	94.6	94.7	94.7	95.2	95.2	95.6	95.6
≥ 700	53.6	75.2	81.5	85.0	90.8	91.5	93.6	94.3	94.4	95.2	95.3	95.3	95.8	95.8	96.2	96.2
≥ 600	53.6	75.3	81.7	85.4	91.3	92.0	94.0	94.7	94.9	95.7	95.8	95.8	96.3	96.3	96.7	96.7
≥ 500	53.6	75.4	81.9	85.7	91.5	92.2	94.5	95.3	95.5	96.7	96.8	96.8	97.3	97.3	97.6	97.6
≥ 400	53.6	75.4	81.9	85.8	91.6	92.4	94.6	95.5	95.7	97.0	97.1	97.1	97.6	97.6	98.0	98.0
≥ 300	53.6	75.4	81.9	85.9	91.8	92.5	94.9	95.7	96.1	97.4	97.6	97.6	98.2	98.2	98.8	98.8
≥ 200	53.6	75.4	81.9	85.9	91.9	92.6	95.0	95.9	96.3	97.6	97.9	97.9	98.8	98.9	99.5	99.5
≥ 100	53.6	75.4	81.9	85.9	91.9	92.6	95.0	95.9	96.3	97.6	97.9	97.9	98.8	98.9	99.9	100.0
≥ 0	53.6	75.4	81.9	85.9	91.9	92.6	95.0	95.9	96.3	97.6	97.9	97.9	98.8	98.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 838

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

STATION	STATION NAME	YEARS	MONTH
72 227	WATERTOWN NY	74-83	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

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	38.4	42.9	43.4	45.8	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	34.9	42.4	45.2	47.9	50.2	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000	34.9	42.4	45.2	47.9	50.2	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 16000	34.9	42.4	45.2	47.9	50.2	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 14000	34.9	42.9	45.8	48.4	50.8	51.2	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 12000	35.7	44.3	47.3	50.4	53.0	53.4	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.6	53.8	53.8
≥ 10000	37.3	47.2	50.6	54.0	57.1	57.6	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 9000	37.7	47.6	50.9	54.3	57.4	57.9	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 8000	38.7	49.3	53.1	57.0	60.3	60.8	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 7000	39.4	50.6	54.6	58.7	62.0	62.4	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 6000	40.1	51.4	55.6	59.8	63.3	63.6	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 5000	41.4	53.6	57.8	62.4	66.3	66.8	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4500	41.9	54.1	58.3	63.2	67.2	67.7	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4000	44.2	57.4	62.3	68.1	72.3	72.8	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	44.9	58.8	64.0	70.0	74.3	74.8	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	45.6	60.1	65.7	72.1	76.9	77.3	78.1	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	46.4	61.8	67.7	74.4	79.8	80.2	81.1	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	47.6	63.6	70.2	77.4	83.4	83.9	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	47.6	63.7	70.3	77.6	83.7	84.1	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1500	49.3	66.3	73.2	80.6	86.8	87.2	88.1	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 1200	49.9	67.8	74.7	82.1	88.6	89.0	89.9	90.3	90.4	90.4	90.6	90.7	90.8	90.8	90.8	90.8
≥ 1000	50.6	68.9	75.9	83.6	90.4	91.0	92.0	92.7	92.8	92.8	92.9	93.0	93.1	93.1	93.1	93.1
≥ 900	50.7	69.2	76.2	84.0	90.9	91.4	92.4	93.1	93.2	93.2	93.3	93.4	93.6	93.6	93.6	93.6
≥ 800	50.9	69.4	76.4	84.4	91.6	92.2	93.3	94.2	94.4	94.4	94.6	94.7	94.8	94.8	94.8	94.8
≥ 700	50.9	69.4	76.6	84.8	92.0	92.8	93.9	94.8	95.0	95.0	95.1	95.2	95.3	95.3	95.3	95.3
≥ 600	50.9	69.6	76.7	85.0	92.2	93.0	94.2	95.1	95.3	95.3	95.4	95.6	95.7	95.7	95.7	95.7
≥ 500	50.8	69.9	77.1	85.6	93.0	93.9	95.2	96.3	96.6	96.7	96.8	96.9	97.0	97.0	97.0	97.0
≥ 400	50.8	70.0	77.3	85.8	93.3	94.3	95.9	97.1	97.4	97.7	97.9	98.0	98.1	98.1	98.1	98.1
≥ 300	50.8	70.0	77.4	86.1	93.7	94.7	96.4	97.9	98.2	98.9	99.1	99.2	99.6	99.6	99.7	99.7
≥ 200	50.8	70.0	77.4	86.1	93.7	94.7	96.4	97.9	98.2	99.0	99.2	99.3	99.8	99.9	100.0	100.0
≥ 100	50.8	70.0	77.4	86.1	93.7	94.7	96.4	97.9	98.2	99.0	99.2	99.3	99.8	99.9	100.0	100.0
≥ 0	50.8	70.0	77.4	86.1	93.7	94.7	96.4	97.9	98.2	99.0	99.2	99.3	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

7[illegible]227 (STATION) WATERTOWN NY (STATION NAME) 74-83 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	36.9	41.5	44.2	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	36.2	43.0	45.8	48.7	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	36.2	43.0	45.8	48.7	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 16000	36.2	43.0	45.8	48.7	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	37.1	43.9	46.8	49.7	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 12000	37.4	44.7	47.1	50.1	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 10000	39.8	47.7	50.6	53.6	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 9000	39.8	47.7	50.6	53.6	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 8000	41.1	51.1	54.2	57.7	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	41.6	51.7	54.9	58.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 6000	42.7	53.1	56.3	60.3	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 5000	43.6	54.8	58.4	62.9	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	43.6	55.8	59.4	63.9	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000	44.4	57.8	61.9	66.6	69.3	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 3500	45.0	59.1	63.6	68.3	71.2	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 3000	45.3	60.3	65.0	69.8	73.0	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 2500	47.0	62.7	68.1	73.0	76.8	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2000	49.3	65.9	71.4	76.7	80.6	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1800	49.7	66.3	72.1	77.3	81.2	82.0	82.4	82.6	82.6	92.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1500	51.7	69.1	75.3	80.9	84.9	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1200	52.7	71.4	78.7	83.9	88.2	89.0	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	53.3	72.8	80.1	86.1	90.9	91.7	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900	53.3	72.9	80.4	86.7	91.4	92.2	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	53.3	73.0	80.6	86.9	91.8	92.6	93.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	53.7	73.6	81.2	87.7	93.1	94.0	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	53.7	73.7	81.7	88.1	93.6	94.7	95.7	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	53.7	74.1	82.3	89.0	94.7	95.9	97.0	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	53.7	74.2	82.4	89.2	95.1	96.3	97.8	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	53.7	74.2	82.7	89.6	95.4	96.7	98.1	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	53.7	74.2	82.7	89.6	95.4	96.7	98.1	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	53.7	74.2	82.7	89.6	95.4	96.7	98.1	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.7	74.2	82.7	89.6	95.4	96.7	98.1	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

72227 WATERTOWN NY — STATION / STATION NAME
74-83 — YEARS
JUN — 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	31.7	37.7	40.3	43.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	35.1	42.2	45.4	49.6	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	35.1	42.2	45.4	49.6	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 16000	35.1	42.2	45.4	49.6	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000	35.3	42.8	46.0	50.1	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	35.9	43.3	46.8	50.9	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 10000	39.4	47.2	50.8	55.1	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 9000	39.7	47.4	51.0	55.3	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 8000	40.3	51.1	55.2	59.8	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 7000	41.0	52.0	56.2	60.9	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 6000	42.3	54.0	58.6	63.6	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 5000	44.0	56.3	61.2	66.3	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500	44.3	57.1	62.4	67.7	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	46.1	59.6	65.1	70.7	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	47.2	61.7	67.4	73.0	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.6
≥ 3000	49.3	64.1	70.2	76.0	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2500	51.7	67.8	74.3	80.3	84.2	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	53.1	69.7	76.4	82.9	86.9	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	53.0	70.0	76.8	83.2	87.3	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	53.7	71.8	79.2	85.9	90.4	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	54.3	73.2	80.8	87.7	92.4	93.1	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	54.4	74.4	82.6	89.4	94.8	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	54.5	74.4	82.6	89.8	95.1	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	54.[illegible]	74.4	82.6	89.9	95.3	96.1	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	54.9	74.7	82.8	90.1	95.9	96.7	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	54.9	74.7	82.8	90.1	95.9	96.7	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	54.9	75.0	83.2	91.0	97.1	97.9	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	54.9	75.0	83.3	91.2	97.3	98.1	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.3
≥ 300	54.9	75.0	83.3	91.2	97.4	98.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.9	75.0	83.3	91.2	97.4	98.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.9	75.0	83.3	91.2	97.4	98.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	54.9	75.0	83.3	91.2	97.4	98.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

L RAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72?27 — STATION | WATERTOWN NY — STATION NAME | 74-83 — YEARS | JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 — HOURS (L.S.T.)

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	38.9	42.4	46.2	48.3	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	38.3	45.5	49.9	53.8	56.0	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	38.3	45.5	49.9	53.8	56.0	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 16000	38.3	45.5	49.9	53.8	56.0	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	39.3	46.6	51.1	54.9	57.1	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	40.3	47.7	52.2	56.1	58.2	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 10000	42.3	[illegible].5	55.2	59.2	61.4	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 9000	42.3	50.6	55.4	59.4	61.6	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	44.4	54.6	60.2	65.0	67.4	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	44.7	55.6	61.2	66.1	68.5	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000	46.4	57.4	63.1	68.3	70.7	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	49.1	61.0	66.9	72.1	74.9	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	50.4	62.7	68.9	74.1	76.9	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	52.5	66.0	72.5	78.6	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	53.5	67.1	73.7	79.9	83.4	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	54.9	69.0	76.2	82.6	86.5	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	55.5	70.0	77.3	84.1	88.3	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	56.3	71.4	79.4	86.3	90.7	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	56.5	71.7	79.8	86.7	91.0	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	56.7	73.0	81.5	88.8	93.4	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	57.2	73.7	82.6	89.9	94.7	95.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	57.3	74.2	83.4	90.7	95.7	96.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	57.3	74.2	83.4	90.7	95.7	96.3	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	57.4	74.4	83.9	91.1	96.1	96.8	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	57.5	74.5	84.1	91.4	96.7	97.3	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	57.5	74.5	84.1	91.5	96.9	97.6	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	57.5	74.6	84.5	92.1	97.6	98.2	99.1	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	57.5	74.6	84.5	92.1	97.7	98.3	99.2	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	57.5	74.6	84.5	92.1	97.7	98.3	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.5	74.6	84.5	92.1	97.7	98.3	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.5	74.6	84.5	92.1	97.7	98.3	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.5	74.6	84.5	92.1	97.7	98.3	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 699

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

726227 WATERTOWN NY — STATION / STATION NAME — 74-83 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	39.1	44.8	46.9	50.6	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	41.3	49.4	51.7	55.6	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 18000	41.3	49.4	51.7	55.6	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 16000	41.3	49.4	51.7	55.6	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	42.4	50.4	52.7	56.6	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 12000	43.7	52.0	54.3	58.2	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	44.9	54.7	57.1	61.2	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 9000	44.9	54.8	57.3	61.4	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 8000	46.3	58.0	61.1	65.4	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	47.4	59.6	62.7	67.0	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	49.6	61.2	64.9	69.3	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 5000	52.3	66.0	69.9	74.6	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500	53.4	68.0	72.1	76.9	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000	56.3	71.6	75.9	81.4	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	57.0	73.6	77.9	83.8	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	57.4	74.7	79.3	85.3	88.9	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	57.4	75.8	80.8	86.8	91.0	91.4	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	57.6	76.8	82.2	88.6	92.9	93.3	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	57.6	76.9	82.3	88.7	93.0	93.4	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	59.0	77.7	83.2	89.8	94.1	94.7	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	59.0	78.0	83.5	90.1	94.4	95.1	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	59.0	78.0	83.7	90.2	95.4	96.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	59.1	78.1	83.8	90.3	95.6	96.2	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	59.2	78.7	84.3	91.0	96.2	96.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	59.3	79.0	84.9	91.7	97.0	97.7	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	59.3	79.0	85.0	91.8	97.2	97.9	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	59.3	79.0	85.0	91.9	97.4	98.1	99.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	59.3	79.0	85.0	91.9	97.4	98.1	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	59.3	79.0	85.0	91.9	97.4	98.1	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	59.3	79.0	85.0	91.9	97.4	98.1	99.2	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	59.3	79.0	85.0	91.9	97.4	98.1	99.2	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	59.3	79.0	85.0	91.9	97.4	98.1	99.2	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GL PAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72?227 (STATION) WATERTOWN NY (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2300 (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	50.0	51.5	53.9	55.7	55.8	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
≥ 20000	42.3	53.6	55.7	58.5	60.2	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8
≥ 18000	42.3	53.6	55.7	58.5	60.2	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8
≥ 16000	42.3	53.6	55.7	58.5	60.2	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8
≥ 14000	42.4	53.9	56.1	58.8	60.7	60.8	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
≥ 12000	43.0	55.5	58.0	60.7	62.6	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
≥ 10000	45.2	56.8	61.0	63.8	65.8	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7
≥ 9000	45.2	56.8	61.0	63.8	65.8	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7
≥ 8000	46.5	62.5	64.9	67.7	70.4	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2
≥ 7000	47.4	63.6	66.0	68.8	71.4	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3
≥ 6000	49.3	66.1	68.6	71.4	74.0	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9
≥ 5000	51.9	70.4	73.2	76.3	79.3	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 4500	52.5	71.0	73.9	77.1	80.1	80.5	80.7	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0
≥ 4000	55.1	74.8	77.9	81.2	84.4	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 3500	55.7	76.1	79.3	82.7	86.2	86.5	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 3000	56.0	76.7	80.5	84.3	88.0	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 2500	56.2	78.1	83.0	87.0	91.1	91.4	91.7	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 2000	56.8	79.5	84.6	88.7	93.2	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2
≥ 1800	57.0	80.2	85.6	89.6	94.3	94.6	95.0	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4
≥ 1500	57.0	80.6	86.3	90.4	95.0	95.4	95.7	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1200	57.1	81.1	87.1	91.2	96.0	96.3	96.7	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1000	57.1	81.2	87.4	91.4	96.3	96.7	97.0	97.3	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 900	57.1	81.2	87.4	91.4	96.3	96.7	97.0	97.3	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 800	57.4	81.7	87.9	92.0	97.1	97.5	97.9	98.2	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 700	57.5	81.8	88.0	92.1	97.3	97.6	98.0	98.3	98.3	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 600	57.5	81.8	88.0	92.1	97.3	97.6	98.0	98.3	98.3	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 500	57.5	81.8	88.1	92.3	97.4	97.7	98.1	98.5	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 400	57.5	81.8	88.1	92.3	97.4	97.7	98.1	98.6	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.2
≥ 300	57.5	81.8	88.1	92.3	97.4	97.7	98.1	98.6	98.6	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 200	57.5	81.8	88.1	92.3	97.4	97.7	98.1	98.6	98.6	99.3	99.4	99.4	99.8	99.8	99.8	99.8
≥ 100	57.5	81.8	88.1	92.3	97.4	97.7	98.1	98.6	98.6	99.3	99.4	99.4	99.8	99.8	99.9	99.9
≥ 0	57.5	81.8	88.1	92.3	97.4	97.7	98.1	98.6	98.6	99.3	99.4	99.4	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 64.

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

[illegible]27 — WATERTOWN NY — 74-83 — JUN
STATION — STATION NAME — YEARS — MONTH

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	3[illegible].7	43.2	45.6	48.2	50.1	50.3	50.5	50.6	50.6	50.7	50.8	50.8	50.8	50.8	50.9	50.9
≥20000	39.1	47.5	50.3	53.1	55.1	55.3	55.6	55.7	55.7	55.8	55.9	55.9	55.9	55.9	56.0	56.0
≥18000	39.1	47.5	50.3	53.1	55.1	55.3	55.6	55.7	55.7	55.8	55.9	55.9	55.9	55.9	56.0	56.0
≥16000	39.1	47.9	50.3	53.1	55.1	55.3	55.6	55.7	55.7	55.8	55.9	55.9	55.9	55.9	56.0	56.0
≥14000	39.6	48.1	51.0	53.8	55.8	56.1	56.3	56.4	56.4	56.5	56.6	56.6	56.6	56.6	56.7	56.7
≥12000	4[illegible].2	49.3	52.3	55.2	57.2	57.5	57.7	57.8	57.8	58.0	58.0	58.0	58.1	58.1	58.1	58.2
≥10000	42.3	52.3	55.4	58.4	60.6	60.9	61.2	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.6
≥9000	42.4	52.4	55.5	58.6	60.8	61.1	61.4	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.8	61.8
≥8000	43.7	55.7	59.2	62.6	65.0	65.3	65.7	65.8	65.8	65.9	66.0	66.0	66.1	66.1	66.1	66.1
≥7000	44.5	56.6	60.1	63.6	66.0	66.4	66.7	66.8	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.2
≥6000	45.6	58.3	62.0	65.7	68.2	68.5	68.9	69.0	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.4
≥5000	47.7	61.4	65.4	69.4	72.2	72.6	73.0	73.1	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.4
≥4500	48.5	62.6	66.8	70.8	73.7	74.1	74.5	74.6	74.6	74.8	74.8	74.8	74.9	74.9	74.9	75.0
≥4000	50.4	65.5	70.0	74.4	77.6	78.0	78.5	78.6	78.6	78.8	78.8	78.8	78.9	78.9	78.9	79.0
≥3500	51.2	67.3	72.7	76.5	79.9	80.3	80.7	80.9	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.2
≥3000	52.1	69.0	74.1	78.8	82.4	82.9	83.4	83.5	83.5	83.7	83.7	83.7	83.8	83.8	83.9	83.9
≥2500	52.9	70.7	76.1	81.1	85.1	85.6	86.2	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.7	86.7
≥2000	53.9	72.4	78.2	83.5	87.7	88.2	88.8	89.0	89.0	89.2	89.2	89.2	89.3	89.3	89.4	89.4
≥1800	54.1	72.7	78.7	83.9	88.2	88.7	89.4	89.6	89.6	89.8	89.8	89.8	89.9	89.9	89.9	90.0
≥1500	54.7	74.1	80.5	85.9	90.4	90.9	91.7	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.3	92.3
≥1200	55.1	75.1	81.7	87.3	92.0	92.5	93.4	93.6	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.1
≥1000	55.4	75.7	82.7	88.3	93.4	93.9	94.8	95.1	95.1	95.4	95.4	95.4	95.5	95.5	95.6	95.6
≥900	55.4	75.8	82.8	88.5	93.6	94.1	95.0	95.4	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.9
≥800	55.5	76.1	83.1	88.8	94.1	94.7	95.7	96.1	96.1	96.4	96.5	96.5	96.6	96.6	96.6	96.7
≥700	55.6	76.2	83.3	89.2	94.7	95.3	96.3	96.8	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.4
≥600	55.6	76.3	83.5	89.4	94.9	95.6	96.6	97.1	97.2	97.5	97.6	97.6	97.7	97.7	97.8	97.8
≥500	55.6	76.5	83.8	89.9	95.5	96.2	97.4	97.9	98.0	98.4	98.5	98.5	98.6	98.6	98.7	98.7
≥400	55.6	76.5	83.8	90.0	95.6	96.3	97.7	98.3	98.3	98.8	98.9	98.9	99.0	99.1	99.1	99.2
≥300	55.6	76.5	83.9	90.1	95.7	96.5	97.8	98.5	98.6	99.2	99.3	99.3	99.5	99.5	99.6	99.6
≥200	55.6	76.5	83.9	90.1	95.8	96.5	97.8	98.5	98.6	99.2	99.4	99.4	99.7	99.7	99.8	99.9
≥100	55.6	76.5	83.9	90.1	95.8	96.5	97.8	98.5	98.6	99.2	99.4	99.4	99.7	99.7	99.9	100.0
≥0	55.6	76.5	83.9	90.1	95.8	96.5	97.9	98.5	98.6	99.2	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6985

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 7?267 | STATION NAME: WATERTOWN NY | YEARS: 74-82 | MONTH: JUL

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	44.3	56.5	59.6	61.9	63.2	63.2	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9	64.0
≥ 20000	45.1	59.3	62.6	65.2	66.5	66.5	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.6
≥ 18000	45.1	59.3	62.6	65.2	66.5	66.5	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.6
≥ 16000	45.1	59.3	62.6	65.2	66.5	66.5	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.6
≥ 14000	45.9	60.0	63.4	66.1	67.4	67.4	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.5
≥ 12000	46.6	61.1	64.5	67.3	68.3	68.6	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.9
≥ 10000	48.1	64.0	67.9	70.6	72.5	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.6
≥ 9000	48.1	64.0	68.0	70.7	72.6	72.6	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4	73.7
≥ 8000	49.3	66.8	71.4	74.2	76.1	76.1	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	77.2
≥ 7000	49.8	67.6	72.3	75.1	76.9	76.9	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7	78.0
≥ 6000	50.5	68.8	73.7	76.8	78.7	78.7	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5	79.8
≥ 5000	52.1	71.6	78.1	81.4	83.3	83.3	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.3
≥ 4500	52.7	72.6	79.3	82.8	84.7	84.7	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.8
≥ 4000	53.5	74.6	81.5	84.9	86.9	86.9	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	88.1
≥ 3500	53.9	75.5	82.8	86.3	88.2	88.2	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.5
≥ 3000	54.2	76.9	84.2	87.9	89.8	89.8	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	91.2
≥ 2500	54.4	77.8	85.5	89.2	91.2	91.2	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.5
≥ 2000	55.0	79.5	87.5	91.2	93.3	93.3	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.9
≥ 1800	55.1	79.5	87.5	91.2	93.3	93.3	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.9
≥ 1500	55.1	79.7	89.2	91.9	94.3	94.3	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.8
≥ 1200	55.1	80.0	88.9	92.7	95.3	95.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.3
≥ 1000	55.1	80.0	88.9	92.8	95.5	95.6	96.7	97.0	97.0	97.1	97.1	97.1	97.3	97.3	97.4	97.7
≥ 900	55.1	80.0	88.9	93.2	95.9	95.9	97.1	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.8	98.2
≥ 800	55.1	80.0	89.2	93.5	96.2	96.3	97.5	97.8	98.0	98.1	98.1	98.1	98.3	98.3	98.4	98.8
≥ 700	55.1	80.0	89.2	93.5	96.2	96.3	97.5	97.8	98.0	98.1	98.1	98.1	98.4	98.4	98.6	98.9
≥ 600	55.1	80.4	89.6	93.9	96.7	96.8	98.0	98.3	98.4	98.6	98.6	98.6	98.9	98.9	99.0	99.4
≥ 500	55.1	80.8	90.0	94.3	97.0	97.1	98.3	98.7	98.8	98.9	98.9	98.9	99.3	99.3	99.4	99.8
≥ 400	55.1	80.8	90.0	94.3	97.0	97.1	98.3	98.7	98.9	99.2	99.2	99.2	99.5	99.5	99.6	100.0
≥ 300	55.1	80.8	90.0	94.3	97.0	97.1	98.3	98.7	98.9	99.2	99.2	99.2	99.5	99.5	99.6	100.0
≥ 200	55.1	80.8	90.0	94.3	97.0	97.1	98.3	98.7	98.9	99.2	99.2	99.2	99.5	99.5	99.6	100.0
≥ 100	55.1	80.8	90.1	94.3	97.0	97.1	98.3	98.7	98.9	99.2	99.2	99.2	99.5	99.5	99.6	100.0
≥ 0	55.1	80.8	90.0	94.3	97.0	97.1	98.3	98.7	98.9	99.2	99.2	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
727	WATERTOWN NY	74-83	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

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	47.7	50.9	54.1	56.0	56.0	57.0	57.4	57.4	57.8	57.9	57.9	58.3	58.3	58.5	56.6
≥ 20000	41.7	51.0	54.7	58.2	60.0	60.0	61.1	61.5	61.5	62.0	62.1	62.1	62.4	62.4	62.7	62.9
≥ 18000	41.7	51.2	54.8	58.3	60.1	60.1	61.2	61.6	61.6	62.1	62.2	62.2	62.6	62.6	62.8	63.0
≥ 16000	41.7	51.2	54.8	58.3	60.1	60.1	61.2	61.6	61.6	62.1	62.2	62.2	62.6	62.6	62.8	63.0
≥ 14000	42.6	52.1	55.9	59.3	61.2	61.2	62.2	62.7	62.7	63.1	63.2	63.2	63.6	63.6	63.8	64.1
≥ 12000	43.2	53.5	57.3	60.8	62.8	62.8	63.8	64.3	64.3	64.7	64.9	64.9	65.2	65.2	65.4	65.7
≥ 10000	45.0	56.6	60.6	64.6	66.6	66.6	67.6	68.1	68.1	68.5	68.8	68.8	69.2	69.2	69.5	69.7
≥ 9000	45.0	56.7	60.7	64.7	66.7	66.7	67.7	68.2	68.2	68.7	68.9	68.9	69.4	69.4	69.6	69.8
≥ 8000	45.4	59.9	64.1	68.5	70.5	70.5	71.5	72.0	72.0	72.5	72.7	72.7	73.2	73.2	73.4	73.6
≥ 7000	46.9	60.7	65.1	69.7	71.8	71.9	72.9	73.4	73.4	73.8	74.1	74.1	74.5	74.5	74.8	75.0
≥ 6000	47.4	61.4	66.1	71.1	73.2	73.3	74.4	74.9	74.9	75.3	75.6	75.6	76.0	76.0	76.3	76.5
≥ 5000	49.4	65.3	71.7	76.2	78.2	78.3	79.5	80.0	80.0	80.4	80.6	80.6	81.1	81.1	81.3	81.6
≥ 4500	49.4	65.7	71.4	76.6	78.7	78.8	80.0	80.4	80.4	80.9	81.1	81.1	81.6	81.6	81.8	82.0
≥ 4000	50.1	67.2	72.9	78.3	81.1	81.2	82.5	83.2	83.2	83.8	84.0	84.0	84.4	84.4	84.7	84.9
≥ 3500	50.5	68.2	74.0	79.5	82.4	82.5	83.9	84.6	84.6	85.1	85.5	85.5	85.9	85.9	86.2	86.4
≥ 3000	50.9	70.0	76.3	82.3	85.1	85.5	87.0	87.7	87.7	88.2	88.6	88.6	89.1	89.1	89.3	89.5
≥ 2500	51.0	70.6	77.2	83.4	86.6	87.0	88.5	89.2	89.2	89.7	90.1	90.1	90.6	90.6	90.8	91.0
≥ 2000	51.4	71.4	78.5	84.8	88.1	88.5	90.2	90.9	90.9	91.6	91.9	91.9	92.4	92.4	92.6	92.9
≥ 1800	51.4	71.7	78.7	85.1	88.5	88.8	90.6	91.2	91.2	91.9	92.3	92.3	92.7	92.7	93.0	93.2
≥ 1500	51.4	72.1	79.5	86.3	89.7	90.1	91.9	92.6	92.6	93.3	93.7	93.7	94.1	94.1	94.4	94.6
≥ 1200	51.4	72.2	80.1	87.6	91.0	91.4	93.4	94.1	94.1	94.9	95.3	95.3	95.7	95.7	96.0	96.3
≥ 1000	51.4	72.4	80.2	88.2	91.9	92.4	94.5	95.2	95.2	96.2	96.5	96.5	97.0	97.0	97.2	97.7
≥ 900	51.4	72.5	80.5	88.6	92.3	92.7	95.0	95.7	95.7	96.8	97.1	97.1	97.6	97.6	97.8	98.3
≥ 800	51.4	72.5	80.6	88.7	92.4	92.9	95.3	96.0	96.0	97.1	97.5	97.5	97.9	97.9	98.2	98.6
≥ 700	51.4	72.5	80.6	88.7	92.4	92.9	95.4	96.1	96.1	97.4	97.7	97.7	98.2	98.2	98.4	98.8
≥ 600	51.4	72.7	80.9	88.9	92.6	93.1	95.6	96.3	96.3	97.6	97.9	97.9	98.4	98.4	98.6	99.1
≥ 500	51.4	72.8	81.0	89.1	93.0	93.4	96.0	96.7	96.7	97.9	98.3	98.3	98.8	98.8	99.1	99.5
≥ 400	51.4	72.8	81.0	89.1	93.0	93.4	96.1	96.8	96.8	98.2	98.5	98.5	99.1	99.1	99.3	99.8
≥ 300	51.4	72.8	81.0	89.1	93.0	93.4	96.1	96.8	96.8	98.2	98.5	98.5	99.1	99.1	99.3	99.8
≥ 200	51.4	72.8	81.0	89.1	93.0	93.4	96.1	96.8	96.8	98.2	98.6	98.6	99.2	99.2	99.4	99.9
≥ 100	51.4	72.8	81.0	89.1	93.0	93.4	96.1	96.8	96.8	98.2	98.6	98.6	99.3	99.3	99.5	100.0
≥ 0	51.4	72.8	81.0	89.1	93.0	93.4	96.1	96.8	96.8	98.2	98.6	98.6	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 868

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

7[illegible]227 — WATERTOWN NY — 74-83 — JUL
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	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	36.1	43.0	46.0	49.5	51.7	51.8	53.1	53.4	53.5	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 20000	39.5	47.3	50.8	54.3	57.0	57.1	58.5	58.9	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.5
≥ 18000	39.5	47.3	50.8	54.3	57.0	57.1	58.5	58.9	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.5
≥ 16000	39.5	47.3	50.8	54.3	57.0	57.1	58.5	58.9	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.5
≥ 14000	40.0	48.1	51.5	55.1	57.7	57.8	59.2	59.7	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 12000	40.9	48.8	52.3	55.9	56.6	58.7	60.1	60.5	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.1
≥ 10000	42.7	52.2	56.1	60.5	63.3	63.4	64.8	65.3	65.4	65.9	65.9	66.0	66.0	66.0	66.0	66.1
≥ 9000	42.8	52.3	56.2	60.6	63.4	63.5	64.9	65.4	65.5	66.0	66.0	66.1	66.1	66.1	66.1	66.2
≥ 8000	44.9	55.5	60.4	65.2	68.4	68.5	69.9	70.3	70.4	71.0	71.0	71.1	71.1	71.1	71.1	71.2
≥ 7000	45.3	55.9	60.9	65.8	69.0	69.1	70.5	71.0	71.1	71.6	71.6	71.7	71.7	71.7	71.7	71.6
≥ 6000	45.7	56.6	61.8	67.1	70.3	70.4	71.8	72.3	72.4	73.0	73.0	73.1	73.1	73.1	73.1	73.2
≥ 5000	47.7	60.5	66.8	72.4	75.9	76.1	77.5	78.1	78.2	78.8	78.8	78.9	78.9	78.9	78.9	79.0
≥ 4500	47.8	61.0	67.4	73.0	76.6	76.8	78.2	78.7	78.8	79.5	79.5	79.6	79.6	79.6	79.6	79.7
≥ 4000	48.9	63.3	70.4	76.3	80.3	80.5	82.0	82.7	82.8	83.4	83.7	83.8	83.8	83.8	83.8	83.9
≥ 3500	49.8	64.6	71.9	76.3	82.4	82.6	84.1	84.7	84.8	85.5	85.7	85.8	85.8	85.8	85.8	85.9
≥ 3000	50.5	65.6	73.2	79.7	83.9	84.2	85.7	86.3	86.5	87.1	87.3	87.4	87.4	87.4	87.4	87.5
≥ 2500	50.6	66.5	74.3	80.8	85.1	85.4	86.9	87.5	87.6	88.3	88.5	88.6	88.6	88.6	88.6	88.7
≥ 2000	51.4	67.6	75.6	82.3	86.8	87.2	88.7	89.5	89.6	90.2	90.4	90.5	90.5	90.5	90.5	90.6
≥ 1800	51.4	67.8	75.8	82.5	87.0	87.4	88.9	89.7	89.8	90.4	90.6	90.8	90.8	90.8	90.8	90.9
≥ 1500	51.6	68.4	76.6	83.3	88.5	89.0	90.6	91.5	91.6	92.3	92.6	92.7	92.7	92.7	92.7	92.9
≥ 1200	51.7	68.8	77.0	83.9	89.4	90.0	91.8	92.7	92.8	93.4	93.8	93.9	93.9	93.9	93.9	94.1
≥ 1000	51.8	69.2	77.5	84.5	90.5	91.4	93.2	94.1	94.2	94.8	95.2	95.3	95.3	95.3	95.3	95.5
≥ 900	51.8	69.2	77.5	84.7	90.8	91.6	93.7	94.5	94.6	95.3	95.6	95.7	95.7	95.7	95.7	95.9
≥ 800	52.2	69.8	78.1	85.5	91.8	92.7	94.9	95.8	95.9	96.6	96.9	97.0	97.0	97.0	97.0	97.2
≥ 700	52.2	69.8	78.1	85.5	91.9	92.8	94.9	95.9	96.0	96.7	97.0	97.1	97.1	97.1	97.1	97.3
≥ 600	52.2	69.8	78.2	85.7	92.2	93.0	95.2	96.2	96.3	97.0	97.3	97.4	97.4	97.4	97.4	97.6
≥ 500	52.3	69.9	78.3	86.1	93.0	94.0	96.3	97.4	97.5	98.2	98.5	98.6	98.8	98.8	98.8	99.0
≥ 400	52.3	69.9	78.3	86.1	93.0	94.2	96.6	97.6	97.7	98.8	99.1	99.2	99.5	99.5	99.5	99.7
≥ 300	52.3	69.9	78.3	86.1	93.0	94.2	96.6	97.6	97.7	98.8	99.1	99.2	99.5	99.5	99.5	99.7
≥ 200	52.3	69.9	78.3	86.1	93.0	94.2	96.7	97.8	98.0	99.0	99.4	99.5	99.7	99.7	99.7	99.9
≥ 100	52.3	69.9	78.3	86.1	93.0	94.2	96.7	97.8	98.0	99.0	99.4	99.5	99.7	99.7	99.7	99.9
≥ 0	52.3	69.9	78.3	86.1	93.0	94.2	96.7	97.8	98.0	99.0	99.4	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]227 — WATERTOWN NY — 74-83 — 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	36.7	44.7	48.1	51.3	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	40.6	49.4	52.9	56.7	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	40.6	49.4	52.9	56.7	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	56.7
≥ 16000	40.6	49.4	52.9	56.7	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	40.9	49.7	53.2	57.0	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000	41.7	50.8	54.4	58.3	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 10000	43.1	53.5	58.3	62.8	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 9000	43.1	53.9	58.6	63.2	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	45.3	57.0	62.5	67.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 7000	45.4	57.1	62.6	68.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	45.6	57.5	63.2	68.8	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	46.5	59.2	65.7	71.7	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4500	46.7	59.7	66.1	72.3	74.9	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	48.1	61.6	68.8	74.9	77.6	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	48.9	63.3	71.1	77.2	79.9	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	49.9	64.6	72.7	79.6	82.6	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	51.5	66.5	74.7	81.8	84.9	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	53.2	68.8	77.4	85.5	88.8	88.9	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	53.4	69.0	77.6	85.9	89.2	89.4	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	54.3	70.5	80.1	88.7	92.3	92.5	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	54.5	71.1	81.2	90.4	94.0	94.2	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	54.6	71.6	81.9	91.4	95.2	95.6	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	54.6	71.6	82.0	91.6	95.4	95.8	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	54.6	71.7	82.2	91.9	95.7	96.1	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	54.6	71.8	82.3	92.2	96.0	96.6	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	54.6	71.9	82.4	92.5	96.6	97.2	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	54.6	71.9	82.6	92.7	96.9	97.5	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	54.6	71.9	82.6	92.8	97.0	97.8	98.8	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	54.6	71.9	82.6	92.8	97.0	97.8	98.8	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.6	71.9	82.6	92.8	97.0	97.8	98.8	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.6	71.9	82.6	92.8	97.0	97.8	98.8	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	54.6	71.9	82.6	92.8	97.0	97.8	98.8	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

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

7 227 STATION — WATERTOWN NY STATION NAME — 74-83 YEARS — JUL 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	45.5	49.2	52.8	54.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	42.5	51.8	56.5	60.5	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	42.5	51.8	56.5	60.5	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	42.5	51.8	56.5	60.5	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	42.7	52.2	56.8	61.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	43.3	53.2	57.9	62.0	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 10000	45.4	56.5	61.3	[illegible]	68.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000	45.4	56.6	61.5	[illegible]	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	46.7	56.8	64.1	69.[illegible]	71.4	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	46.9	59.4	64.6	69.7	71.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	47.1	60.0	65.3	70.6	72.9	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	49.1	61.9	67.6	73.8	76.3	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	49.7	62.7	68.4	74.8	77.4	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	[illegible]	65.3	71.4	77.8	80.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	51.4	67.3	74.3	80.9	83.5	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	53.1	69.4	76.6	83.5	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	54.7	71.6	79.4	86.6	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	55.4	73.0	81.3	89.2	92.7	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	55.7	73.2	81.8	89.9	93.4	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	56.7	74.0	82.9	91.2	94.9	94.9	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	57.1	74.5	83.4	92.0	95.9	95.9	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	57.1	74.6	84.0	93.0	97.2	97.2	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	57.1	74.6	84.0	93.2	97.6	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	57.1	74.9	84.4	93.7	98.2	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	57.1	75.2	84.7	94.1	98.6	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	57.1	75.3	84.8	94.2	98.8	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	57.1	75.3	84.8	94.2	98.8	98.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	57.1	75.3	84.8	94.2	98.8	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.1	75.3	84.8	94.2	98.8	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.1	75.3	84.8	94.2	98.8	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.1	75.3	84.8	94.2	98.8	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.1	75.3	84.8	94.2	98.8	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

OL PAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72227 WATERTOWN NY — STATION NAME — 74-83 YEARS — JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15.0-1700 HOURS (L.S.T.)

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	49.0	53.1	56.1	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	46.2	55.8	60.3	63.8	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	46.3	55.9	60.3	63.9	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	46.3	55.9	60.3	63.9	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 14000	46.6	56.1	60.5	64.1	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	47.2	57.3	61.8	65.4	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 10000	48.6	60.0	65.2	69.4	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	48.6	60.0	65.2	69.4	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	49.6	61.7	67.5	71.9	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	49.9	62.4	68.2	72.6	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000	51.0	63.9	69.7	74.2	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	51.6	65.5	71.9	77.1	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	52.5	66.7	73.4	78.7	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	53.2	69.0	76.2	81.8	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	54.0	70.5	78.0	84.4	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	54.3	72.4	80.6	87.4	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	55.5	73.9	82.6	89.8	94.0	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	56.0	74.5	83.3	90.5	95.2	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	56.1	74.6	83.4	90.6	95.4	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	56.1	74.7	83.7	91.4	96.2	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	56.3	75.4	84.3	92.2	97.1	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	56.3	75.4	84.4	92.3	97.2	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	56.3	75.5	84.5	92.4	97.4	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	56.5	75.7	84.8	92.7	97.7	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	56.5	75.7	84.8	92.7	97.7	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	56.5	75.7	84.8	92.7	97.7	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	56.5	75.8	84.9	92.8	97.8	98.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	56.5	75.8	84.9	92.8	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	56.5	75.8	84.9	92.8	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	56.5	75.8	84.9	92.8	97.8	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.5	75.8	84.9	92.8	97.8	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.5	75.8	84.9	92.8	97.8	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GL[illegible]AL CLIMATOLOGY BRA[illegible]CH
[illegible]AFETAC
AI[illegible] [illegible]EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
7[illegible]227	[illegible]ATERTOWN NY	74-83	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST): 1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.2	51.2	54.8	56.7	58.7	58.8	58.8	58.8	58.9	58.8	58.8	58.6	58.8	58.8	58.8	58.8
≥ 20000	45.3	57.5	61.5	64.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000	45.9	57.5	61.5	64.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 16000	45.3	57.5	61.5	64.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	46.2	58.1	62.0	64.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000	47.0	59.1	63.4	66.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	48.7	61.3	65.8	70.3	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000	48.9	61.6	66.1	70.6	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000	50.9	64.0	69.6	74.5	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 7000	51.5	65.1	71.3	76.2	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	51.8	65.6	72.0	77.0	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	52.9	67.6	75.1	80.1	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	53.3	68.3	75.9	81.3	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	54.4	71.0	79.5	85.2	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500	55.2	72.6	81.3	87.3	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	55.6	73.1	82.4	89.4	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	55.9	73.9	83.4	90.6	94.1	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	56.0	74.3	83.9	91.3	94.8	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	56.0	74.5	84.1	91.5	95.2	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	56.0	74.8	84.9	92.4	96.0	96.6	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	56.0	74.8	85.1	92.5	96.1	96.7	97.5	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	56.0	75.2	85.5	92.9	96.7	97.2	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	56.0	75.2	85.6	93.0	96.9	97.4	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	56.0	75.2	85.7	93.1	97.0	97.5	98.4	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	56.0	75.2	85.7	93.1	97.0	97.5	98.4	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	56.0	75.2	85.7	93.1	97.0	97.5	98.4	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500	56.0	75.3	85.9	93.3	97.3	98.0	98.8	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	56.0	75.3	85.9	93.3	97.4	98.2	99.0	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	56.0	75.3	85.9	93.3	97.4	98.2	99.0	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	56.0	75.3	85.9	93.3	97.4	98.2	99.0	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	56.0	75.3	85.9	93.3	97.4	98.2	99.0	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	56.0	75.3	85.9	93.3	97.4	98.2	99.0	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

L RAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7_227 STATION | WATERTOWN NY STATION NAME | 74-83 YEARS | JUL 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	42.3	52.9	56.4	58.9	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8
≥ 20000	44.4	58.2	62.1	64.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 18000	44.4	58.2	62.1	64.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 16000	44.4	58.2	62.1	64.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 14000	44.9	58.7	62.6	65.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9
≥ 12000	46.0	60.6	64.7	67.4	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 10000	47.3	64.0	69.6	71.9	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7
≥ 9000	47.6	64.4	69.0	72.4	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 8000	49.3	67.2	72.2	76.1	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1
≥ 7000	49.9	68.5	73.9	77.8	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 6000	50.1	68.9	74.6	78.6	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 5000	51.7	71.1	77.6	81.6	84.6	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 4500	52.7	73.1	79.7	84.0	87.0	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 4000	54.0	76.2	83.7	88.3	91.4	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 3500	54.2	77.0	84.7	89.4	92.6	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 3000	54.7	77.6	85.4	90.3	93.7	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 2500	55.1	78.5	86.7	91.6	94.9	95.4	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 2000	55.4	78.8	87.0	92.1	95.7	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1800	55.4	78.8	87.1	92.2	96.1	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
≥ 1500	55.4	78.9	87.3	92.4	96.3	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1200	55.5	79.1	87.5	92.6	96.5	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 1000	55.5	79.1	87.6	92.9	96.9	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 900	55.5	79.1	87.7	93.0	97.2	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 800	55.5	79.1	87.7	93.1	97.4	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 700	55.5	79.2	87.8	93.2	97.5	97.9	98.7	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	55.5	79.2	87.8	93.2	97.5	97.9	98.8	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 500	55.5	79.3	87.9	93.3	97.7	98.2	99.1	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.6
≥ 400	55.5	79.3	87.9	93.3	97.7	98.2	99.1	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	55.5	79.3	87.9	93.3	97.7	98.2	99.1	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	55.5	79.3	87.9	93.3	97.7	98.2	99.1	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	55.5	79.3	87.9	93.3	97.7	98.2	99.1	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	55.5	79.3	87.9	93.3	97.7	98.2	99.1	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 869

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

GL BAL CLIMATOLOGY BRANCH
 AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72227 — WATERTOWN NY (STATION NAME) — 74-83 (YEARS) — JUL (MONTH)

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	32.8	46.7	52.2	55.0	56.9	57.0	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.8
≥ 20000	43.2	53.7	57.6	60.9	63.0	63.0	63.4	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.9
≥ 18000	43.2	53.7	57.6	60.9	63.0	63.1	63.5	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.9
≥ 16000	43.2	53.7	57.6	60.9	63.0	63.1	63.5	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.9
≥ 14000	43.7	54.3	58.2	61.5	63.6	63.6	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5
≥ 12000	44.4	55.5	59.4	62.9	65.0	65.1	65.5	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.9
≥ 10000	46.1	58.4	62.9	67.0	69.2	69.4	69.8	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.3
≥ 9000	46.2	58.6	63.1	67.2	69.5	69.6	70.0	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.5
≥ 8000	47.7	61.3	66.4	70.8	73.3	73.4	73.8	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.3
≥ 7000	49.2	62.0	67.2	71.8	74.2	74.4	74.8	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.3
≥ 6000	49.6	62.7	68.2	73.0	75.4	75.6	76.0	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.5	76.6
≥ 5000	50.0	65.2	71.6	76.7	79.4	79.5	80.0	80.2	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.6
≥ 4500	50.4	66.1	72.6	77.8	80.5	80.7	81.2	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.7	81.8
≥ 4000	51.5	68.4	75.4	80.9	83.9	83.9	84.5	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.1
≥ 3500	52.2	69.8	77.1	82.8	85.9	86.0	86.6	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.2
≥ 3000	53.0	71.1	78.8	85.0	88.1	88.4	89.0	89.2	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.6
≥ 2500	53.6	72.3	80.4	86.7	90.0	90.3	91.0	91.2	91.2	91.4	91.4	91.4	91.5	91.5	91.6	91.6
≥ 2000	54.3	73.4	81.7	88.3	91.9	92.2	93.0	93.2	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.7
≥ 1800	54.3	73.5	81.9	88.6	92.2	92.5	93.4	93.6	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.1
≥ 1500	54.6	74.1	82.8	89.7	93.5	93.8	94.8	95.0	95.0	95.2	95.3	95.3	95.4	95.4	95.4	95.5
≥ 1200	54.7	74.4	83.3	90.5	94.4	94.7	95.8	96.1	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.6
≥ 1000	54.7	74.6	83.7	91.0	95.1	95.5	96.6	96.9	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.5
≥ 900	54.7	74.6	83.8	91.2	95.4	95.8	97.0	97.3	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.9
≥ 800	54.8	74.8	84.0	91.5	95.8	96.2	97.4	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.4	98.5
≥ 700	54.9	74.8	84.1	91.6	95.9	96.3	97.6	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.6	98.7
≥ 600	54.8	74.9	84.2	91.8	96.1	96.6	97.8	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.9	99.0
≥ 500	54.8	75.0	84.4	92.0	96.5	96.9	98.3	98.8	98.8	99.1	99.3	99.3	99.4	99.4	99.5	99.6
≥ 400	54.9	75.0	84.4	92.0	96.5	97.0	98.4	98.9	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.9
≥ 300	54.8	75.0	84.4	92.0	96.5	97.0	98.4	98.9	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.9
≥ 200	54.9	75.0	84.4	92.0	96.5	97.0	98.4	99.0	99.0	99.5	99.6	99.6	99.8	99.8	99.8	100.0
≥ 100	54.9	75.0	84.4	92.0	96.5	97.0	98.4	99.0	99.0	99.5	99.6	99.6	99.8	99.8	99.9	100.0
≥ 0	54.9	75.0	84.4	92.0	96.5	97.0	98.4	99.0	99.0	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7224

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

72_227 (STATION) WATERTOWN NY (STATION NAME) 74-83 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.6	52.4	54.7	55.6	57.4	57.5	58.1	58.2	58.2	58.5	58.6	58.6	58.6	58.6	59.1	59.1
≥ 20000	42.5	56.6	59.6	60.8	62.6	62.7	63.2	63.3	63.3	63.7	63.8	63.8	63.8	63.8	64.3	64.3
≥ 18000	42.5	56.6	59.6	60.8	62.6	62.7	63.2	63.3	63.3	63.7	63.8	63.8	63.8	63.8	64.3	64.3
≥ 16000	42.5	56.6	59.6	60.8	62.6	62.7	63.2	63.3	63.3	63.7	63.8	63.8	63.8	63.8	64.3	64.3
≥ 14000	42.9	57.1	60.1	61.3	63.5	63.7	64.2	64.3	64.3	64.6	64.7	64.7	64.7	64.7	65.3	65.3
≥ 12000	43.5	58.2	61.2	62.4	64.6	64.7	65.3	65.4	65.4	65.7	65.8	65.8	65.8	65.8	66.3	66.3
≥ 10000	45.9	62.5	65.9	67.2	69.5	69.6	70.1	70.2	70.2	70.5	70.6	70.6	70.6	70.6	71.2	71.2
≥ 9000	46.3	63.1	66.8	68.1	70.3	70.4	71.0	71.1	71.1	71.4	71.5	71.5	71.5	71.5	72.0	72.0
≥ 8000	47.5	65.1	69.5	70.9	73.2	73.3	73.9	74.0	74.0	74.3	74.4	74.4	74.4	74.4	74.9	74.9
≥ 7000	47.8	65.4	69.9	71.7	74.1	74.3	74.8	74.9	74.9	75.3	75.4	75.4	75.4	75.4	75.9	75.9
≥ 6000	49.9	67.2	71.7	73.9	76.5	76.7	77.5	77.6	77.6	78.0	78.1	78.1	78.1	78.1	78.6	78.6
≥ 5000	50.2	69.8	75.3	77.6	80.3	80.5	81.4	81.5	81.5	81.8	81.9	81.9	81.9	81.9	82.5	82.5
≥ 4500	50.3	71.2	76.7	79.0	81.7	81.9	82.8	82.9	82.9	83.3	83.4	83.4	83.4	83.4	84.0	84.0
≥ 4000	51.6	73.8	79.6	82.2	84.8	85.1	85.9	86.0	86.0	86.5	86.6	86.6	86.6	86.6	87.1	87.1
≥ 3500	52.4	75.1	81.2	84.2	87.0	87.2	88.1	88.2	88.2	88.6	88.7	88.7	88.7	88.7	89.2	89.2
≥ 3000	52.9	76.6	83.0	86.0	88.9	89.1	90.1	90.2	90.2	90.6	90.8	90.8	90.8	90.8	91.3	91.3
≥ 2500	52.9	77.3	84.1	87.1	90.1	90.3	91.3	91.4	91.4	91.8	91.9	91.9	91.9	91.9	92.5	92.5
≥ 2000	53.0	78.0	85.6	88.9	92.0	92.3	93.2	93.3	93.3	93.8	93.9	93.9	93.9	93.9	94.4	94.4
≥ 1800	53.0	78.1	85.7	89.4	92.5	92.7	93.7	93.8	93.8	94.2	94.3	94.3	94.3	94.3	94.8	94.8
≥ 1500	53.0	78.4	86.1	89.8	93.0	93.2	94.3	94.5	94.5	94.9	95.1	95.1	95.1	95.1	95.6	95.6
≥ 1200	53.0	79.0	87.2	90.9	94.5	94.8	96.1	96.3	96.3	96.9	97.0	97.0	97.0	97.0	97.5	97.5
≥ 1000	53.0	79.0	87.4	91.2	94.8	95.2	96.6	96.8	96.8	97.3	97.4	97.4	97.4	97.4	98.0	98.0
≥ 900	53.0	79.0	87.4	91.2	94.9	95.3	96.8	97.0	97.0	97.6	97.7	97.7	97.7	97.7	98.3	98.3
≥ 800	53.0	79.0	87.5	91.3	95.2	95.5	97.0	97.2	97.2	98.0	98.1	98.1	98.1	98.1	98.6	98.6
≥ 700	53.0	79.1	87.8	91.6	95.5	95.8	97.6	97.8	97.8	98.6	98.7	98.7	98.7	98.7	99.2	99.2
≥ 600	53.0	79.1	87.8	91.6	95.5	95.8	97.6	97.8	97.8	98.6	98.7	98.7	98.7	98.7	99.2	99.2
≥ 500	53.0	79.1	87.8	91.6	95.5	95.8	97.6	97.8	97.8	98.6	98.7	98.7	98.7	98.7	99.2	99.2
≥ 400	53.0	79.1	87.8	91.6	95.5	95.8	97.6	98.0	98.0	98.7	98.8	98.8	98.8	98.8	99.4	99.4
≥ 300	53.0	79.1	87.8	91.6	95.5	95.8	97.6	98.2	98.2	98.9	99.0	99.0	99.0	99.0	99.6	99.6
≥ 200	53.0	79.1	87.8	91.6	95.5	95.8	97.6	98.2	98.2	98.9	99.0	99.0	99.0	99.0	99.6	99.6
≥ 100	53.0	79.1	87.8	91.6	95.5	95.8	97.6	98.2	98.2	98.9	99.0	99.0	99.0	99.0	99.6	99.6
≥ 0	53.0	79.1	87.8	91.6	95.5	95.8	97.6	98.2	98.2	98.9	99.0	99.0	99.0	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

72?227 WATERTOWN NY — STATION / STATION NAME — 74-83 YEARS — AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.7	40.2	50.2	51.4	53.1	53.2	53.8	53.8	53.8	54.7	54.8	54.8	55.2	55.2	55.3	55.8
≥20000	37.9	50.0	52.4	53.9	56.0	56.2	56.8	56.8	56.8	57.7	57.8	57.8	58.2	58.2	58.3	58.8
≥18000	37.9	50.0	52.4	53.9	56.0	56.2	56.8	56.8	56.8	57.7	57.8	57.8	58.2	58.2	58.3	58.8
≥16000	37.9	50.0	52.4	53.9	56.0	56.2	56.8	56.8	56.8	57.7	57.8	57.8	58.2	58.2	58.3	58.8
≥14000	39.1	50.3	52.7	54.2	56.5	56.7	57.2	57.2	57.2	58.2	58.3	58.3	58.6	58.6	58.7	59.2
≥12000	39.9	51.7	54.2	55.7	58.1	58.3	58.8	58.8	58.8	59.8	59.9	59.9	60.2	60.2	60.3	60.9
≥10000	41.9	54.9	57.3	58.8	61.5	61.7	62.4	62.4	62.4	63.3	63.4	63.4	63.8	63.8	63.9	64.4
≥9000	42.2	55.3	57.7	59.4	62.0	62.3	62.9	62.9	62.9	63.9	64.0	64.0	64.3	64.3	64.4	64.9
≥8000	44.0	57.8	60.6	62.6	65.6	65.8	66.5	66.6	66.6	67.5	67.6	67.6	68.0	68.0	68.1	68.6
≥7000	44.7	58.6	61.6	63.7	66.9	67.2	67.8	68.0	68.0	68.9	69.0	69.0	69.4	69.4	69.5	70.0
≥6000	45.5	59.6	62.6	64.8	68.4	68.8	69.8	69.9	69.9	71.0	71.1	71.1	71.4	71.4	71.5	72.0
≥5000	46.1	61.2	64.6	67.4	71.2	71.6	72.7	73.0	73.0	74.1	74.2	74.2	74.5	74.5	74.6	75.2
≥4500	46.6	62.3	65.7	68.7	72.6	73.0	74.2	74.5	74.5	75.6	75.7	75.7	76.0	76.0	76.1	76.7
≥4000	47.7	64.3	68.0	71.5	75.5	75.9	77.1	77.4	77.4	78.7	78.8	78.8	79.1	79.1	79.2	79.9
≥3500	49.7	65.2	69.5	73.2	77.3	77.7	78.9	79.2	79.2	80.5	80.6	80.6	81.0	81.0	81.1	81.7
≥3000	49.7	67.4	72.2	76.0	80.2	80.6	81.9	82.3	82.3	83.8	83.9	83.9	84.2	84.2	84.3	84.9
≥2500	49.8	68.4	73.8	78.0	82.2	82.6	84.0	84.3	84.3	85.8	85.9	85.9	86.2	86.2	86.3	87.0
≥2000	49.9	69.7	75.9	80.4	84.7	85.2	86.8	87.2	87.2	88.7	88.8	88.8	89.1	89.1	89.2	89.9
≥1800	49.9	69.8	76.7	80.5	84.9	85.3	86.9	87.3	87.3	88.8	88.9	88.9	89.2	89.2	89.4	90.0
≥1500	49.9	70.3	77.0	81.6	86.0	86.5	88.5	89.1	89.1	90.6	90.8	90.8	91.1	91.1	91.2	91.8
≥1200	50.1	71.2	78.1	83.1	88.1	88.5	90.6	91.3	91.3	92.9	93.0	93.0	93.3	93.3	93.4	94.1
≥1000	50.1	71.5	78.6	83.8	89.0	89.5	91.8	92.5	92.5	94.1	94.2	94.2	94.5	94.5	94.6	95.3
≥900	50.1	71.7	78.8	84.0	89.2	89.7	92.0	92.8	92.8	94.4	94.5	94.5	94.8	94.8	94.9	95.6
≥800	50.1	71.7	78.9	84.3	89.8	90.3	92.7	93.4	93.5	95.2	95.3	95.3	95.6	95.6	95.7	96.3
≥700	50.1	71.7	79.1	84.5	90.1	90.6	93.0	93.8	93.9	95.5	95.6	95.6	95.9	95.9	96.0	96.7
≥600	50.1	71.7	79.1	84.5	90.3	90.9	93.2	94.0	94.1	95.7	95.8	95.8	96.1	96.1	96.2	96.9
≥500	50.1	71.8	79.2	84.8	90.6	91.2	93.9	94.6	94.7	96.6	96.8	96.8	97.1	97.1	97.2	97.8
≥400	50.1	71.8	79.2	84.8	90.6	91.2	94.1	94.8	94.9	96.8	97.0	97.0	97.3	97.3	97.5	98.2
≥300	50.1	71.8	79.2	84.8	90.8	91.3	94.3	95.1	95.2	97.0	97.2	97.2	97.6	97.6	97.8	98.5
≥200	50.1	71.8	79.2	84.8	90.8	91.3	94.3	95.1	95.2	97.1	97.3	97.3	97.7	97.8	98.1	98.7
≥100	50.1	71.8	79.2	84.8	90.8	91.3	94.3	95.1	95.2	97.1	97.3	97.3	97.7	97.8	98.1	98.7
≥0	50.1	71.8	79.2	84.8	90.8	91.3	94.3	95.1	95.2	97.2	97.4	97.4	98.0	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]-227 STATION | WATERTOWN NY STATION NAME | 74-83 YEARS | AUG 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	29.6	35.9	39.1	40.6	44.4	44.6	45.2	45.5	45.5	45.8	45.9	45.9	45.9	45.9	45.9	46.1
≥ 20000	32.3	40.0	42.4	45.7	50.1	50.3	50.9	51.2	51.2	51.5	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	32.3	40.0	42.4	45.7	50.1	50.3	50.9	51.2	51.2	51.5	51.6	51.6	51.6	51.6	51.6	51.8
≥ 16000	32.3	40.0	42.4	45.7	50.1	50.3	50.9	51.2	51.2	51.5	51.6	51.6	51.6	51.6	51.6	51.8
≥ 14000	32.4	40.1	42.5	45.8	50.3	50.5	51.1	51.4	51.4	51.7	51.8	51.8	51.8	51.8	51.8	52.0
≥ 12000	33.4	41.4	44.0	47.4	51.9	52.2	52.7	53.0	53.0	53.3	53.4	53.4	53.4	53.4	53.4	53.7
≥ 10000	34.9	43.7	46.6	50.3	55.3	55.5	56.0	56.3	56.3	56.7	56.8	56.8	56.8	56.8	56.8	57.0
≥ 9000	35.2	44.0	46.9	50.8	55.7	55.9	56.5	56.8	56.8	57.1	57.2	57.2	57.2	57.2	57.2	57.4
≥ 8000	37.2	47.4	50.9	55.5	60.6	60.9	61.4	61.7	61.7	62.0	62.2	62.2	62.2	62.2	62.2	62.4
≥ 7000	37.6	48.2	51.7	56.7	62.0	62.3	62.9	63.1	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.8
≥ 6000	38.4	49.1	52.8	57.8	63.5	63.9	64.4	64.7	64.7	65.1	65.2	65.2	65.2	65.2	65.2	65.4
≥ 5000	39.5	50.8	54.6	60.0	65.9	66.1	66.8	67.2	67.2	67.5	67.7	67.7	67.7	67.7	67.7	68.0
≥ 4500	39.6	51.0	54.9	60.6	66.5	66.8	67.4	67.8	67.8	68.2	68.4	68.4	68.4	68.4	68.4	68.6
≥ 4000	41.2	53.2	57.4	63.4	69.7	70.0	71.0	71.4	71.4	72.0	72.3	72.3	72.3	72.3	72.3	72.5
≥ 3500	42.2	55.1	59.5	65.5	72.4	72.8	73.8	74.2	74.2	74.8	75.1	75.1	75.1	75.1	75.1	75.3
≥ 3000	42.9	56.8	62.2	68.6	75.9	76.3	77.3	77.8	77.8	78.6	78.8	78.8	78.8	78.8	78.8	79.0
≥ 2500	43.5	57.8	63.5	70.1	77.7	78.3	79.4	79.9	79.9	80.6	80.9	80.9	80.9	80.9	80.9	81.1
≥ 2000	44.6	59.7	66.1	73.9	82.0	82.6	84.3	85.2	85.2	85.9	86.1	86.1	86.1	86.1	86.1	86.3
≥ 1800	44.7	59.9	66.3	74.1	82.3	82.8	84.6	85.5	85.5	86.2	86.5	86.5	86.5	86.5	86.5	86.7
≥ 1500	45.3	60.9	67.5	75.4	83.8	84.3	86.3	87.3	87.3	88.1	88.3	88.3	88.3	88.3	88.3	88.5
≥ 1200	45.6	61.7	68.5	76.8	85.6	86.3	88.6	89.6	89.6	90.3	90.5	90.5	90.5	90.5	90.5	90.8
≥ 1000	46.3	63.1	70.1	78.9	88.4	89.2	91.8	92.9	92.9	93.7	93.9	93.9	93.9	93.9	93.9	94.1
≥ 900	46.3	63.2	70.2	79.0	88.6	89.5	92.0	93.1	93.1	93.9	94.1	94.1	94.1	94.1	94.1	94.3
≥ 800	46.3	63.2	70.5	79.6	89.1	90.0	92.7	93.8	93.8	94.6	94.8	94.8	94.8	94.8	94.8	95.1
≥ 700	46.3	63.3	70.8	79.9	89.6	90.4	93.1	94.5	94.5	95.4	95.6	95.6	95.6	95.6	95.6	95.8
≥ 600	46.3	63.4	71.3	80.2	90.2	91.1	94.0	95.5	95.5	96.3	96.6	96.6	96.6	96.6	96.6	96.8
≥ 500	46.3	63.9	71.8	81.2	91.2	92.0	94.9	96.6	96.6	97.5	97.7	97.7	97.8	97.8	98.0	98.2
≥ 400	46.3	64.0	71.9	81.4	91.4	92.3	95.2	96.8	96.8	97.8	98.1	98.1	98.2	98.2	98.3	98.5
≥ 300	46.3	64.0	71.9	81.6	91.6	92.5	95.7	97.3	97.3	98.4	98.6	98.6	98.9	98.9	99.0	99.2
≥ 200	46.3	64.0	71.9	81.6	91.6	92.5	95.7	97.3	97.3	98.4	98.7	98.7	99.0	99.0	99.1	99.6
≥ 100	46.3	64.0	71.9	81.6	91.6	92.5	95.7	97.3	97.3	98.4	98.7	98.7	99.0	99.1	99.2	99.7
≥ 0	46.3	64.0	71.9	81.6	91.6	92.5	95.7	97.3	97.3	98.4	98.7	98.7	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
AI[illegible] WEAT[illegible] SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]227 (STATION) WATERTOWN NY (STATION NAME) 74-83 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-1100 (HOURS)

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	39.9	41.5	44.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	36.6	44.2	46.2	49.4	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	37.6	44.3	46.3	49.9	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 16000	36.6	44.3	46.3	49.9	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 14000	36.9	44.6	46.8	50.3	52.5	52.7	52.9	52.8	52.8	52.8	52.9	52.8	52.9	52.9	52.8	52.8
≥ 12000	37.4	45.8	48.0	51.6	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 10000	39.1	48.0	51.0	55.1	57.6	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	39.2	48.2	51.2	55.5	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 8000	40.1	50.1	53.4	58.0	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 7000	41.1	51.0	54.3	58.8	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 6000	41.1	52.7	56.1	60.3	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 5000	42.1	54.6	58.1	62.3	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	42.9	55.2	58.8	63.7	67.5	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4000	43.1	56.3	60.2	65.6	69.8	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3500	44.4	58.0	62.2	67.6	72.5	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3000	45.6	59.8	64.1	69.8	74.6	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500	47.6	62.6	67.6	73.7	78.9	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	49.2	65.4	71.1	77.5	82.8	83.2	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	49.7	65.8	71.6	78.1	83.4	83.7	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500	51.0	68.0	74.0	80.5	86.5	87.0	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	51.3	69.4	75.7	83.2	89.4	90.0	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	51.4	70.6	77.4	85.4	91.9	92.7	93.8	94.2	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	51.4	70.9	77.8	86.0	92.6	93.3	94.4	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	51.5	71.1	78.2	86.5	93.1	94.0	95.2	95.9	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	51.6	71.5	78.4	87.2	94.1	94.9	96.1	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	51.6	71.7	79.1	87.7	94.7	95.6	96.8	97.5	97.5	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 500	51.6	72.4	79.8	88.4	95.9	96.8	98.0	98.7	98.7	99.2	99.4	99.5	99.6	99.6	99.6	99.6
≥ 400	51.6	72.4	79.9	88.5	96.0	96.9	98.1	98.8	98.8	99.4	99.5	99.6	99.7	99.7	99.7	99.7
≥ 300	51.6	72.4	79.9	88.6	96.2	97.1	98.3	99.0	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200	51.6	72.4	79.9	88.6	96.2	97.1	98.3	99.0	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	51.6	72.4	79.9	88.6	96.2	97.1	98.3	99.0	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	51.6	72.4	79.9	88.6	96.2	97.1	98.3	99.0	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible]227 WATERTOWN NY | 74-83 | 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	33.5	[illegible]	[illegible]	43.7	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥20000	37.5	44.4	46.6	50.1	51.7	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥18000	37.9	44.4	46.6	50.2	51.8	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
[illegible]	37.5	44.4	46.6	50.2	51.8	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥14000	37.9	45.2	47.3	51.0	52.6	52.8	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
[illegible]	[illegible]	46.2	48.5	52.3	53.9	54.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
[illegible]	[illegible]	[illegible]	51.1	55.4	57.1	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
[illegible]	40.4	[illegible]	51.2	55.6	57.3	57.5	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
[illegible]	42.3	[illegible]	54.2	58.7	60.5	60.9	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
[illegible]	42.2	51.5	54.6	59.1	61.0	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
[illegible]	42.4	52.3	55.7	61.0	62.8	63.1	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
[illegible]	43.1	53.2	57.0	62.5	64.7	65.1	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
[illegible]	43.1	53.2	57.2	62.7	64.9	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
[illegible]	44.5	55.4	59.8	65.9	68.4	68.9	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
[illegible]	[illegible]	58.4	63.2	69.5	72.2	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
[illegible]	[illegible]	61.9	67.1	74.4	77.5	78.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
[illegible]	51.7	66.5	71.9	79.7	83.2	83.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
[illegible]	53.0	66.6	74.5	83.2	86.9	87.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
[illegible]	53.1	68.8	74.7	83.4	87.1	87.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
[illegible]	54.1	71.3	77.5	86.3	[illegible]	90.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
[illegible]	54.4	72.4	79.2	88.6	92.6	93.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
[illegible]	54.6	74.1	81.1	90.5	94.7	95.4	96.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
[illegible]	54.6	74.1	81.1	90.5	94.7	95.4	96.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
[illegible]	54.1	74.4	81.4	90.9	95.2	95.8	97.1	97.6	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
[illegible]	54.7	74.5	[illegible]	91.0	95.4	96.0	97.3	98.0	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
[illegible]	55.1	74.6	81.6	91.1	95.7	96.3	97.6	98.3	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
[illegible]	55.2	74.7	81.7	91.2	96.0	96.8	98.1	98.7	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	55.3	74.8	81.8	91.3	96.1	96.9	98.2	98.8	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	55.3	74.9	81.9	91.4	96.2	97.0	98.3	98.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	55.3	74.9	81.9	91.4	96.2	97.0	98.3	98.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	55.3	74.9	81.9	91.4	96.2	97.0	98.3	98.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	55.3	74.9	81.9	91.4	96.2	97.0	98.3	98.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

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

CEILING VERSUS VISIBILITY

7?-?27 WATERTOWN NY (STATION / STATION NAME) 74-83 (YEARS) AUG (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	39.3	41.8	44.6	47.4	48.4	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥20000	40.4	49.0	52.5	55.8	57.3	57.3	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥18000	41.1	49.0	52.5	55.8	57.3	57.3	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥16000	41.4	49.1	52.5	55.8	57.3	57.3	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥14000	40.6	49.4	52.9	56.1	57.6	57.6	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥12000	41.5	50.4	54.1	57.5	59.0	59.0	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥10000	44.1	54.1	58.3	62.2	64.1	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥9000	44.1	54.5	58.9	63.2	65.2	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥8000	46.4	58.7	63.0	67.6	69.9	70.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥7000	47.4	58.8	63.9	68.6	70.9	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥6000	49.2	60.2	67.3	70.5	72.9	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥5000	49.7	62.4	68.1	73.7	76.3	76.5	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥4500	49.9	63.2	68.7	74.8	77.5	77.7	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥4000	51.7	65.9	71.6	78.1	81.6	81.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥3500	53.4	68.1	74.7	80.5	84.3	84.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥3000	54.3	70.3	76.8	83.1	87.1	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥2500	56.7	72.5	79.4	86.0	90.2	90.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥2000	57.3	73.9	81.2	87.8	92.4	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥1800	57.3	73.9	81.3	88.0	92.5	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥1500	58.1	75.6	83.1	89.8	94.8	95.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥1200	59.1	76.1	83.8	90.6	95.8	96.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥1000	59.1	76.5	84.3	91.3	96.5	97.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥900	59.1	76.5	84.3	91.3	96.6	97.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥800	59.1	76.6	84.4	91.4	96.7	97.2	98.8	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥700	59.1	76.6	84.5	91.5	96.8	97.3	98.9	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥600	59.1	76.6	84.5	91.5	96.9	97.4	99.0	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥500	59.1	76.7	84.6	91.6	97.0	97.5	99.2	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥400	59.1	76.7	84.7	91.7	97.1	97.6	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥300	59.1	76.7	84.7	91.7	97.1	97.6	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥200	59.1	76.7	84.7	91.7	97.1	97.6	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥100	59.1	76.7	84.7	91.7	97.1	97.6	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥0	59.1	76.7	84.7	91.7	97.1	97.6	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION	STATION NAME	YEARS	MONTH
__227	WATERTOWN NY	74-83	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
	VISIBILITY STATUTE MILES															
NO CEILING	37.7	47.4	50.2	52.2	53.5	53.7	53.9	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	43.5	54.3	57.7	60.1	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	43.5	54.3	57.7	60.1	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	43.5	54.3	57.7	60.1	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	43.5	54.3	57.7	60.1	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	44.3	55.3	59.2	61.8	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	47.6	60.0	64.5	67.8	69.7	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 9000	47.7	60.4	65.2	68.6	70.6	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	50.5	64.4	69.9	73.4	75.5	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	50.8	64.8	70.3	73.9	75.9	76.1	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	51.1	65.8	71.5	75.3	77.3	77.5	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	52.2	67.6	73.3	77.5	79.8	80.3	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500	52.6	68.2	74.1	78.4	81.0	81.5	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	54.2	70.2	77.2	81.6	84.7	85.3	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	56.1	72.6	79.6	84.4	87.6	88.2	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	56.7	73.5	81.2	86.7	90.1	90.8	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	57.6	75.1	82.7	88.3	91.9	92.6	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	57.6	75.5	83.3	89.0	92.9	93.5	94.5	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	57.6	75.7	83.7	89.4	93.2	93.9	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	57.7	76.2	84.2	89.9	93.9	94.5	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	57.8	76.6	84.5	90.3	94.3	94.9	96.3	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	58.0	76.8	85.1	91.0	95.2	95.8	97.4	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	58.0	76.8	85.1	91.0	95.2	95.8	97.5	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	58.0	76.9	85.2	91.1	95.3	95.9	97.7	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	58.0	77.1	85.4	91.3	95.5	96.1	98.2	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	58.0	77.1	85.4	91.3	95.5	96.1	98.2	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	58.0	77.1	85.4	91.3	95.8	96.5	98.5	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	58.0	77.1	85.4	91.3	95.8	96.5	98.5	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	58.0	77.1	85.4	91.3	95.8	96.5	98.5	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	58.0	77.1	85.4	91.3	95.8	96.5	98.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	58.0	77.1	85.4	91.3	95.8	96.5	98.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	58.0	77.1	85.4	91.3	95.8	96.5	98.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

.L ?AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-227 WATERTOWN NY (STATION, STATION NAME) — 74-83 (YEARS) — AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.3	50.5	53.1	54.1	55.7	55.7	55.8	55.9	55.9	56.2	56.2	56.2	56.5	56.5	56.5	56.8
≥ 20000	43.7	56.2	59.4	60.4	62.0	62.0	62.2	62.3	62.3	62.6	62.6	62.6	62.8	62.8	62.8	63.1
≥ 18000	43.7	56.2	59.4	60.4	62.0	62.0	62.2	62.3	62.3	62.6	62.6	62.6	62.8	62.8	62.8	63.1
≥ 16000	43.7	56.2	59.4	60.4	62.0	62.0	62.2	62.3	62.3	62.6	62.6	62.6	62.8	62.8	62.8	63.1
≥ 14000	44.3	57.0	60.1	61.3	63.1	63.1	63.2	63.3	63.3	63.7	63.7	63.7	63.9	63.9	63.9	64.2
≥ 12000	45.3	58.1	61.8	63.0	64.8	64.8	64.9	65.1	65.1	65.4	65.4	65.4	65.6	65.6	65.6	65.9
≥ 10000	49.2	63.5	68.5	69.9	71.9	71.9	72.0	72.2	72.2	72.5	72.5	72.5	72.7	72.7	72.7	73.0
≥ 9000	49.2	64.1	69.0	70.4	72.5	72.5	72.6	72.7	72.7	73.0	73.0	73.0	73.2	73.2	73.2	73.5
≥ 8000	50.6	66.6	72.3	74.3	76.5	76.5	76.7	76.8	76.8	77.1	77.1	77.1	77.3	77.3	77.3	77.6
≥ 7000	51.1	67.7	73.5	75.7	77.8	77.8	78.1	78.2	78.2	78.5	78.5	78.5	78.7	78.7	78.7	79.0
≥ 6000	51.7	69.0	75.1	77.5	79.7	79.7	80.0	80.1	80.1	80.4	80.4	80.4	80.6	80.6	80.6	81.0
≥ 5000	52.5	71.2	77.6	80.6	82.9	82.9	83.2	83.3	83.3	83.7	83.7	83.7	83.9	83.9	83.9	84.2
≥ 4500	53.7	71.9	78.5	81.5	83.8	83.8	84.1	84.2	84.2	84.5	84.5	84.5	84.7	84.7	84.7	85.1
≥ 4000	55.2	74.4	81.3	84.3	86.7	86.7	87.0	87.1	87.1	87.5	87.5	87.5	87.7	87.7	87.7	88.1
≥ 3500	55.9	76.0	83.1	86.3	89.0	89.0	89.4	89.5	89.5	89.9	89.9	89.9	90.1	90.1	90.1	90.4
≥ 3000	56.3	77.6	85.2	88.7	91.5	91.5	91.8	91.9	91.9	92.4	92.4	92.4	92.6	92.6	92.6	92.9
≥ 2500	55.6	78.0	85.6	89.5	92.3	92.3	92.6	92.7	92.7	93.1	93.1	93.1	93.3	93.3	93.3	93.7
≥ 2000	56.6	78.5	86.2	90.2	93.2	93.2	93.5	93.7	93.7	94.1	94.1	94.1	94.3	94.3	94.3	94.6
≥ 1800	56.6	78.7	86.6	90.6	93.9	93.9	94.2	94.3	94.3	94.7	94.7	94.7	94.9	94.9	94.9	95.3
≥ 1500	56.6	79.2	87.1	91.3	94.7	94.7	95.1	95.2	95.2	95.6	95.6	95.6	95.8	95.8	95.8	96.1
≥ 1200	56.7	79.8	88.1	92.5	96.2	96.2	96.6	96.7	96.7	97.1	97.1	97.1	97.3	97.3	97.3	97.6
≥ 1000	56.7	79.9	88.5	92.9	96.7	96.7	97.2	97.3	97.3	97.7	97.7	97.7	98.0	98.0	98.0	98.3
≥ 900	56.7	79.9	88.6	93.0	96.8	96.8	97.5	97.6	97.6	98.1	98.1	98.1	98.3	98.3	98.3	98.6
≥ 800	56.7	79.9	88.7	93.3	97.1	97.1	97.8	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.1
≥ 700	56.7	80.1	89.1	93.8	97.6	97.6	98.5	98.8	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.8
≥ 600	56.7	80.1	89.1	93.8	97.6	97.6	98.5	98.8	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.9
≥ 500	56.7	80.1	89.1	93.8	97.6	97.6	98.5	98.8	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.9
≥ 400	56.7	80.1	89.1	93.8	97.6	97.6	98.5	98.8	98.8	99.5	99.5	99.5	99.7	99.7	99.7	100.0
≥ 300	56.7	80.1	89.1	93.8	97.6	97.6	98.5	98.8	98.8	99.5	99.5	99.5	99.7	99.7	99.7	100.0
≥ 200	56.7	80.1	89.1	93.8	97.6	97.6	98.5	98.8	98.8	99.5	99.5	99.5	99.7	99.7	99.7	100.0
≥ 100	56.7	80.1	89.1	93.8	97.6	97.6	98.5	98.8	98.8	99.5	99.5	99.5	99.7	99.7	99.7	100.0
≥ 0	56.7	80.1	89.1	93.8	97.6	97.6	98.5	98.8	98.8	99.5	99.5	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72 227 WATERTOWN NY (STATION / STATION NAME) — 74-83 (YEARS) — AUG (MONTH)

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	35.7	44.4	46.7	48.6	50.4	50.6	50.8	50.9	50.9	51.2	51.2	51.2	51.3	51.3	51.3	51.5
≥ 20000	39.4	49.3	52.1	54.6	56.7	56.8	57.2	57.3	57.3	57.5	57.6	57.6	57.6	57.6	57.7	57.8
≥ 18000	39.4	49.4	52.1	54.6	56.7	56.8	57.2	57.3	57.3	57.5	57.6	57.6	57.6	57.6	57.7	57.9
≥ 16000	39.4	49.4	52.1	54.6	56.7	56.8	57.2	57.3	57.3	57.5	57.6	57.6	57.6	57.6	57.7	57.9
≥ 14000	39.7	49.7	52.5	55.0	57.2	57.4	57.8	57.8	57.8	58.1	58.1	58.1	58.2	58.2	58.3	58.4
≥ 12000	40.5	50.9	53.9	56.5	57.7	58.8	59.3	59.3	59.3	59.6	59.6	59.6	59.7	59.7	59.8	59.9
≥ 10000	42.9	54.4	57.9	60.8	63.3	63.5	63.9	64.0	64.0	64.2	64.3	64.3	64.4	64.4	64.4	64.6
≥ 9000	43.1	54.8	58.4	61.4	64.0	64.1	64.6	64.6	64.6	64.9	64.9	64.9	65.0	65.0	65.1	65.2
≥ 8000	44.3	57.6	61.7	65.1	67.9	68.1	68.6	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.1	69.2
≥ 7000	45.3	58.3	62.5	66.0	68.8	69.0	69.5	69.6	69.6	69.9	69.9	69.9	70.0	70.0	70.1	70.2
≥ 6000	46.0	59.5	63.8	67.7	70.6	70.9	71.5	71.6	71.6	71.8	71.9	71.9	71.9	71.9	72.0	72.1
≥ 5000	47.0	61.4	66.1	70.3	73.5	73.8	74.4	74.5	74.5	74.8	74.8	74.8	74.9	74.9	75.0	75.1
≥ 4500	47.2	62.0	66.8	71.2	74.4	74.7	75.4	75.5	75.5	75.8	75.8	75.8	75.9	75.9	76.0	76.1
≥ 4000	48.7	64.2	69.4	74.1	77.6	78.0	78.7	78.9	78.9	79.2	79.3	79.3	79.4	79.4	79.4	79.6
≥ 3500	49.9	66.0	71.5	76.4	80.3	80.6	81.4	81.5	81.5	81.9	81.9	81.9	82.0	82.0	82.1	82.2
≥ 3000	50.9	68.0	74.0	79.2	83.2	83.6	84.4	84.6	84.6	85.0	85.0	85.0	85.1	85.1	85.2	85.3
≥ 2500	52.0	69.8	76.1	81.5	85.8	86.2	87.1	87.3	87.3	87.6	87.7	87.7	87.8	87.8	87.8	88.0
≥ 2000	52.6	71.1	78.0	83.9	88.4	88.8	89.8	90.1	90.1	90.5	90.5	90.5	90.6	90.6	90.7	90.8
≥ 1800	52.7	71.3	78.2	84.2	88.7	89.1	90.2	90.4	90.4	90.8	90.9	90.9	91.0	91.0	91.0	91.2
≥ 1500	53.2	72.5	79.6	85.6	90.3	90.8	92.0	92.3	92.3	92.8	92.8	92.8	92.9	92.9	93.0	93.1
≥ 1200	53.4	73.3	80.6	87.0	92.1	92.6	94.0	94.2	94.2	94.7	94.8	94.8	94.9	94.9	94.9	95.1
≥ 1000	53.5	73.9	81.6	88.1	93.4	93.9	95.5	95.9	95.9	96.4	96.5	96.5	96.6	96.6	96.7	96.8
≥ 900	53.5	74.0	81.7	88.3	93.6	94.1	95.7	96.2	96.2	96.8	96.9	96.9	96.9	96.9	97.0	97.2
≥ 800	53.6	74.1	81.9	88.5	93.9	94.5	96.1	96.7	96.8	97.4	97.4	97.4	97.5	97.5	97.6	97.8
≥ 700	53.6	74.2	82.1	88.8	94.3	94.9	96.6	97.3	97.3	97.9	98.0	98.0	98.1	98.1	98.2	98.3
≥ 600	53.6	74.3	82.2	89.0	94.6	95.1	96.9	97.6	97.6	98.2	98.3	98.3	98.4	98.4	98.5	98.7
≥ 500	53.6	74.5	82.4	89.2	95.0	95.5	97.3	98.0	98.1	98.8	98.9	98.9	99.0	99.0	99.1	99.3
≥ 400	53.6	74.5	82.5	89.3	95.0	95.6	97.4	98.2	98.2	99.0	99.0	99.1	99.2	99.2	99.3	99.4
≥ 300	53.6	74.5	82.5	89.4	95.1	95.7	97.6	98.3	98.4	99.1	99.2	99.2	99.4	99.4	99.5	99.7
≥ 200	53.6	74.5	82.5	89.4	95.1	95.7	97.6	98.3	98.4	99.1	99.3	99.3	99.4	99.4	99.6	99.7
≥ 100	53.6	74.5	82.5	89.4	95.1	95.7	97.6	98.3	98.4	99.1	99.3	99.3	99.4	99.5	99.6	99.7
≥ 0	53.6	74.5	82.5	89.4	95.1	95.7	97.6	98.3	98.4	99.2	99.3	99.3	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 72?227 STATION NAME: WATERTOWN NY YEARS: 74-83 MONTH: SEP

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	39.9	47.9	49.6	50.2	51.3	51.3	51.5	51.6	51.6	51.8	52.0	52.0	52.3	52.3	52.3	52.3
≥ 20000	41.9	50.8	52.9	53.6	55.1	55.1	55.3	55.4	55.4	55.6	55.8	55.8	56.2	56.2	56.2	56.2
≥ 18000	41.9	50.8	52.9	53.6	55.1	55.1	55.3	55.4	55.4	55.6	55.8	55.8	56.2	56.2	56.2	56.2
≥ 16000	41.9	50.8	52.9	53.6	55.1	55.1	55.3	55.4	55.4	55.6	55.8	55.8	56.2	56.2	56.2	56.2
≥ 14000	42.5	51.3	53.5	54.1	55.7	55.7	55.9	55.9	55.9	56.2	56.4	56.4	56.7	56.7	56.7	56.7
≥ 12000	43.1	52.2	54.4	55.0	56.6	56.6	56.7	56.8	56.8	57.0	57.3	57.3	57.6	57.6	57.6	57.6
≥ 10000	46.2	56.8	59.3	60.1	61.6	61.6	61.7	61.9	61.9	62.1	62.3	62.3	62.6	62.6	62.6	62.6
≥ 9000	46.3	57.2	59.6	60.4	62.0	62.0	62.1	62.2	62.2	62.4	62.6	62.6	63.0	63.0	63.0	63.0
≥ 8000	48.8	60.9	63.5	64.4	66.1	66.1	66.2	66.3	66.3	66.6	66.8	66.8	67.1	67.1	67.1	67.1
≥ 7000	49.2	61.4	64.1	65.2	66.9	66.9	67.0	67.1	67.1	67.3	67.6	67.6	67.9	67.9	67.9	67.9
≥ 6000	50.1	62.9	65.5	66.7	68.3	68.3	68.5	68.6	68.6	68.9	69.1	69.1	69.5	69.5	69.5	69.5
≥ 5000	52.9	67.2	69.9	71.0	72.9	72.9	73.0	73.2	73.2	73.5	73.7	73.7	74.0	74.0	74.0	74.0
≥ 4500	54.4	69.2	71.9	73.0	75.1	75.1	75.2	75.3	75.3	75.6	75.8	75.8	76.2	76.2	76.2	76.2
≥ 4000	57.3	72.6	75.3	76.5	78.5	78.5	78.7	78.9	78.9	79.2	79.4	79.4	79.8	79.8	79.8	79.9
≥ 3500	58.3	74.4	77.4	79.2	81.2	81.2	81.4	81.5	81.5	81.9	82.1	82.1	82.4	82.4	82.4	82.6
≥ 3000	59.5	77.0	80.4	82.3	84.6	84.6	85.1	85.2	85.2	85.6	85.8	85.8	86.1	86.1	86.1	86.4
≥ 2500	59.6	78.3	82.2	84.3	86.6	86.6	87.2	87.4	87.4	87.7	87.9	87.9	88.3	88.3	88.3	88.5
≥ 2000	60.2	79.6	83.7	86.0	88.6	88.6	89.4	89.5	89.5	89.9	90.2	90.2	90.6	90.6	90.6	90.8
≥ 1800	60.2	79.9	83.9	86.2	88.8	88.8	89.6	89.7	89.7	90.2	90.4	90.4	90.8	90.8	90.8	91.1
≥ 1500	60.4	80.6	84.7	87.1	89.9	89.9	91.2	91.3	91.3	91.7	91.9	91.9	92.4	92.4	92.4	92.6
≥ 1200	60.7	81.9	86.2	88.7	91.6	91.6	93.0	93.1	93.1	93.7	94.0	94.0	94.4	94.4	94.4	94.6
≥ 1000	60.7	82.2	86.7	89.1	92.3	92.3	93.6	93.7	93.7	94.4	94.6	94.6	95.1	95.1	95.1	95.3
≥ 900	60.9	82.7	87.2	89.8	93.3	93.3	94.6	94.7	94.7	95.4	95.6	95.6	96.1	96.1	96.1	96.3
≥ 800	60.9	82.9	87.5	90.2	93.7	93.7	95.1	95.4	95.4	96.2	96.4	96.4	96.9	96.9	96.9	97.1
≥ 700	60.9	83.1	87.8	90.5	94.2	94.2	95.5	95.9	95.9	96.6	96.9	96.9	97.3	97.3	97.3	97.5
≥ 600	60.9	83.1	88.0	90.7	94.6	94.7	96.2	96.5	96.5	97.3	97.5	97.5	98.0	98.0	98.0	98.2
≥ 500	60.9	83.1	88.1	90.9	95.0	95.1	96.5	97.0	97.0	97.8	98.0	98.0	98.4	98.4	98.4	98.7
≥ 400	60.9	83.2	88.3	91.1	95.4	95.5	97.0	97.8	97.8	98.5	98.8	98.8	99.2	99.2	99.2	99.4
≥ 300	60.9	83.2	88.3	91.1	95.4	95.5	97.1	97.9	97.9	98.7	99.0	99.0	99.4	99.4	99.4	99.7
≥ 200	60.9	83.2	88.3	91.1	95.4	95.5	97.1	97.9	97.9	98.7	99.0	99.0	99.6	99.6	99.6	99.8
≥ 100	60.9	83.2	88.3	91.1	95.4	95.5	97.1	97.9	97.9	98.7	99.0	99.0	99.6	99.6	99.6	99.8
≥ 0	60.9	83.2	88.3	91.1	95.4	95.5	97.1	97.9	97.9	98.7	99.0	99.0	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 894

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

CL PAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7?227 WATERTOWN NY — STATION NAME | 74-83 — YEARS | SEP — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.9	44.5	46.2	47.3	48.7	48.7	48.9	49.0	49.0	49.0	49.2	49.2	49.8	49.6	49.9	50.0
≥ 20000	39.7	46.9	48.8	49.9	51.2	51.2	51.5	51.6	51.6	51.7	51.9	51.9	52.5	52.5	52.6	52.7
≥ 18000	39.7	46.9	48.8	49.9	51.2	51.2	51.5	51.6	51.6	51.7	51.9	51.9	52.5	52.5	52.6	52.7
≥ 16000	39.7	46.9	48.8	49.9	51.2	51.2	51.5	51.6	51.6	51.7	51.9	51.9	52.5	52.5	52.6	52.7
≥ 14000	39.1	47.3	49.2	50.3	51.7	51.7	51.9	52.0	52.0	52.1	52.3	52.3	52.9	52.9	53.0	53.1
≥ 12000	39.5	46.0	49.9	51.0	52.3	52.3	52.6	52.7	52.7	52.8	53.0	53.0	53.6	53.6	53.7	53.8
≥ 10000	42.2	51.5	53.4	54.6	55.9	55.9	56.2	56.3	56.3	56.4	56.6	56.6	57.2	57.2	57.3	57.4
≥ 9000	42.2	51.7	53.6	54.8	56.2	56.2	56.4	56.5	56.5	56.6	56.8	56.8	57.4	57.4	57.5	57.6
≥ 8000	43.2	54.0	56.0	57.4	58.7	58.7	58.9	59.1	59.1	59.2	59.4	59.4	60.0	60.0	60.1	60.2
≥ 7000	44.4	55.7	57.7	59.1	60.4	60.4	60.6	60.7	60.7	60.9	61.1	61.1	61.6	61.6	61.7	61.9
≥ 6000	45.2	56.7	58.7	60.1	61.4	61.4	61.6	61.7	61.7	61.9	62.1	62.1	62.6	62.6	62.8	62.9
≥ 5000	47.9	60.7	63.0	64.7	66.0	66.0	66.2	66.3	66.3	66.4	66.7	66.7	67.2	67.2	67.3	67.4
≥ 4500	49.1	62.9	65.1	66.8	68.1	68.1	68.3	68.5	68.5	68.6	68.8	68.8	69.4	69.4	69.5	69.6
≥ 4000	51.7	66.7	69.2	71.1	72.8	72.8	73.0	73.2	73.2	73.3	73.5	73.5	74.0	74.0	74.2	74.4
≥ 3500	53.4	69.5	72.1	74.3	76.0	76.0	76.2	76.3	76.3	76.4	76.6	76.6	77.2	77.3	77.4	77.6
≥ 3000	54.9	72.5	75.3	77.9	79.8	79.9	80.1	80.2	80.2	80.3	80.5	80.5	81.1	81.2	81.3	81.5
≥ 2500	55.3	74.3	77.5	80.2	82.1	82.2	82.7	82.8	82.8	82.9	83.1	83.1	83.8	83.9	84.0	84.2
≥ 2000	56.0	76.3	80.6	83.3	85.2	85.5	86.0	86.1	86.1	86.2	86.5	86.5	87.1	87.2	87.4	87.6
≥ 1800	56.5	77.0	81.4	84.1	86.0	86.2	86.8	86.9	86.9	87.0	87.2	87.2	87.9	88.0	88.1	88.4
≥ 1500	57.4	78.5	83.4	86.2	88.4	88.6	89.1	89.3	89.3	89.4	89.6	89.6	90.3	90.4	90.5	90.7
≥ 1200	57.6	80.0	85.1	88.1	90.4	90.7	91.3	91.4	91.4	91.5	91.7	91.7	92.4	92.5	92.6	92.8
≥ 1000	57.7	80.4	85.9	88.9	91.2	91.5	92.3	92.4	92.4	92.5	92.7	92.7	93.4	93.5	93.6	93.8
≥ 900	57.7	80.5	86.1	89.1	91.4	91.7	92.5	92.6	92.6	92.7	93.0	93.0	93.6	93.7	93.8	94.1
≥ 800	57.7	81.0	86.6	89.8	92.3	92.6	93.5	93.6	93.6	94.1	94.3	94.3	95.0	95.1	95.2	95.4
≥ 700	57.7	81.2	86.8	90.5	93.0	93.3	94.2	94.3	94.3	94.7	95.0	95.0	95.6	95.7	95.9	96.1
≥ 600	57.7	81.2	87.1	90.8	93.3	93.6	94.5	94.6	94.6	95.1	95.3	95.3	96.0	96.1	96.2	96.4
≥ 500	57.7	81.2	87.2	91.4	94.0	94.3	95.3	95.5	95.5	96.0	96.2	96.2	96.9	97.0	97.1	97.3
≥ 400	57.7	81.2	87.4	91.5	94.2	94.6	95.9	96.2	96.2	97.0	97.2	97.2	97.9	98.0	98.1	98.3
≥ 300	57.7	81.2	87.4	91.5	94.2	94.6	96.1	96.5	96.5	97.4	97.7	97.7	98.3	98.4	98.5	98.6
≥ 200	57.7	81.2	87.4	91.5	94.2	94.6	96.1	96.5	96.5	97.8	98.2	98.2	99.0	99.1	99.2	99.4
≥ 100	57.7	81.2	87.4	91.5	94.2	94.6	96.1	96.5	96.5	97.8	98.2	98.2	99.0	99.1	99.2	99.4
≥ 0	57.7	81.2	87.4	91.5	94.2	94.6	96.1	96.5	96.5	97.8	98.2	98.2	99.1	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 894

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

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] WATERTOWN NY — STATION NAME — 74-83 YEARS — SEP 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	[illegible]	34.5	36.2	37.6	39.4	[illegible]	40.0	40.3	40.3	40.6	40.6	40.6	40.8	40.9	[illegible]	41.1
≥ 20000	[illegible]	37.1	39.6	41.3	43.3	43.7	44.0	44.3	44.3	44.8	44.8	44.8	44.9	45.0	45.0	45.3
≥ 18000	30.0	37.1	39.6	41.3	43.3	43.7	44.7	44.3	44.3	44.8	44.8	44.8	44.9	45.0	45.0	45.3
≥ 16000	[illegible]	37.1	39.6	41.3	43.3	43.7	44.0	44.3	44.3	44.8	44.8	44.8	44.9	45.0	45.0	45.3
≥ 14000	[illegible]	37.3	39.9	41.5	43.9	43.9	44.2	44.5	44.5	45.0	45.0	45.0	45.1	45.2	45.2	45.5
≥ 12000	31.6	[illegible]	41.5	43.4	45.4	45.8	46.1	46.4	46.4	46.9	46.9	46.9	47.0	47.1	47.1	47.4
≥ 10000	33.1	42.1	44.7	[illegible]	48.6	48.9	49.2	49.6	49.6	50.0	50.0	50.0	50.1	50.2	50.2	50.6
≥ 9000	33.1	42.2	44.8	46.7	48.7	[illegible]	49.3	49.7	49.7	50.1	50.1	50.1	50.2	50.3	50.3	50.7
≥ 8000	33.9	43.8	46.4	48.9	51.0	51.3	51.7	52.0	52.0	52.4	52.4	52.4	52.6	52.7	52.7	53.0
≥ 7000	[illegible]	44.8	47.4	50.0	52.1	52.6	52.9	53.2	53.2	53.8	53.8	53.9	54.0	54.1	54.1	54.5
≥ 6000	[illegible]	45.9	48.7	51.2	53.5	53.9	54.2	54.6	54.6	55.1	55.1	55.2	55.3	55.5	55.5	55.8
≥ 5000	37.9	49.3	52.2	55.0	57.3	57.8	58.1	58.5	58.5	59.0	59.0	59.1	59.2	59.4	59.4	59.7
≥ 4500	39.2	51.7	54.9	57.7	60.1	60.6	60.9	61.2	61.2	61.8	61.8	61.9	62.0	62.1	62.1	62.5
≥ 4000	42.1	55.3	58.9	62.7	65.7	66.4	66.7	67.0	67.0	67.7	67.7	67.8	67.9	68.2	68.3	68.6
≥ 3500	43.9	57.3	61.6	65.7	69.7	69.7	70.4	70.7	70.7	71.4	71.4	71.5	71.6	71.8	71.9	72.3
≥ 3000	46.3	[illegible]	65.1	69.6	73.7	74.5	75.2	75.5	75.5	76.2	76.2	76.3	76.4	76.6	76.7	77.1
≥ 2500	47.6	62.5	67.3	71.7	75.9	76.7	77.5	78.0	78.0	78.6	78.6	78.7	78.8	79.1	79.2	79.5
≥ 2000	49.9	65.3	70.4	75.5	[illegible]	81.0	81.7	82.2	82.2	82.9	82.9	83.0	83.1	83.3	83.4	83.7
≥ 1800	49.0	65.6	70.9	76.1	80.5	81.5	82.3	82.7	82.7	83.4	83.4	83.5	83.6	83.9	84.0	84.3
≥ 1500	[illegible]	67.8	73.3	79.2	83.9	85.0	85.7	86.3	86.3	87.1	87.1	87.2	87.4	87.6	87.8	88.1
≥ 1200	[illegible]	69.2	74.8	81.0	85.6	86.7	87.8	88.3	88.3	89.1	89.1	89.2	89.4	89.6	89.8	90.1
≥ 1000	51.0	69.7	75.7	82.2	87.3	88.8	89.9	90.6	90.6	91.4	91.4	91.5	91.9	92.1	92.2	92.5
≥ 900	51.0	69.9	76.1	82.6	87.8	89.2	90.3	91.1	91.1	91.9	91.9	92.0	92.3	92.5	92.7	93.0
≥ 800	51.0	70.5	76.7	83.4	88.6	90.1	91.4	92.3	92.3	93.1	93.1	93.2	93.5	93.8	93.9	94.2
≥ 700	51.0	70.6	76.8	83.9	89.2	90.6	92.0	92.9	92.9	93.7	93.7	93.8	94.1	94.3	94.4	94.8
≥ 600	51.1	71.4	77.6	84.9	90.3	91.9	93.4	94.3	94.3	95.1	95.1	95.2	95.5	95.8	95.9	96.2
≥ 500	51.1	71.4	77.6	85.2	90.9	92.4	94.3	95.8	95.8	96.9	97.0	97.1	97.4	97.7	97.8	98.1
≥ 400	51.1	71.4	77.6	85.2	90.9	92.5	94.5	96.1	96.1	97.8	97.9	98.0	98.3	98.6	98.7	99.0
≥ 300	51.1	71.4	77.6	85.2	90.9	92.5	94.8	96.5	96.5	98.4	98.6	98.7	99.1	99.3	99.4	99.8
≥ 200	51.1	71.4	77.6	85.2	90.9	92.5	94.8	96.5	96.5	98.4	98.6	98.7	99.2	99.4	99.6	100.0
≥ 100	51.1	71.4	77.6	85.2	90.9	92.5	94.8	96.5	96.5	98.4	98.6	98.7	99.2	99.4	99.6	100.0
≥ 0	51.1	71.4	77.6	85.2	90.9	92.5	94.8	96.5	96.5	98.4	98.6	98.7	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

OL A CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]227 WATERTOWN NY — STATION NAME — 74-83 YEARS — SEP MONTH

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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	37.9	39.4	40.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 20000	34.4	40.8	42.6	43.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 18000	34.4	40.8	42.6	43.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 16000	34.4	40.9	42.7	44.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 14000	35.1	41.4	43.3	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
≥ 12000	36.3	43.2	45.2	46.6	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 10000	39.1	46.1	48.2	50.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 9000	39.3	46.3	48.4	50.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 8000	41.0	46.3	50.4	52.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 7000	41.9	49.3	51.7	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
≥ 6000	42.4	50.2	52.6	54.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 5000	43.9	52.0	54.9	57.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 4500	44.4	52.8	55.8	58.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 4000	47.0	57.1	60.7	63.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	49.2	59.2	63.4	66.8	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3000	50.7	63.1	67.8	71.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2500	52.6	65.8	70.7	75.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2000	55.4	69.2	74.7	79.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	55.7	69.6	75.0	80.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1500	59.7	73.7	79.2	84.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	59.9	75.1	80.8	86.8	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	60.3	75.9	82.1	88.2	92.7	92.9	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	60.4	76.4	82.8	89.0	93.4	93.8	93.9	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	60.4	76.9	83.6	89.8	94.4	94.8	95.2	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	60.7	77.7	84.6	91.0	95.8	96.1	96.6	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	60.9	78.1	85.2	91.7	96.4	96.8	97.2	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	60.9	78.1	85.4	92.0	96.9	97.7	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	60.9	78.1	85.4	92.1	97.2	98.0	99.0	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	60.9	78.1	85.4	92.1	97.2	98.0	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	60.9	78.1	85.4	92.1	97.2	98.0	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.9	78.1	85.4	92.1	97.2	98.0	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	60.9	78.1	85.4	92.1	97.2	98.0	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

L AL CLIMATOLOGY BRANCH
A-ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-227 WATERTOWN NY — STATION NAME — 74-83 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.	≥ 2	≥	≥ 1.	≥	≥ .	≥ .	≥	≥ 5 6	≥ .	≥
NO CEILING	31.7	36.9	38.2	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 20000	34.7	41.2	43.6	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
≥ 18000	34.9	41.3	43.6	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
≥ 16000	35.1	41.9	43.7	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 14000	35.3	42.3	44.1	46.3	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	36.7	43.7	45.4	47.9	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	39.3	47.1	49.0	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 9000	39.3	47.1	49.1	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 8000	41.2	49.1	51.1	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 7000	41.7	49.2	51.8	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 6000	43.0	51.3	53.3	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 5000	44.2	53.3	55.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 4500	44.3	54.1	56.4	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4000	46.3	56.9	60.0	63.2	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 3500	47.8	56.4	61.7	65.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3000	54.1	65.6	70.0	74.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500	56.3	69.0	74.1	78.6	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2000	59.8	72.6	77.8	82.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1800	59.0	73.0	78.3	83.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	61.3	76.1	81.9	87.7	90.4	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	61.6	76.7	82.7	88.4	91.8	92.3	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	62.1	77.8	83.9	89.8	93.6	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	62.0	77.8	83.9	89.8	93.6	94.3	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	62.2	78.4	84.7	91.6	94.3	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	62.2	79.3	85.7	91.7	95.4	96.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	62.3	79.8	86.2	92.4	96.4	97.3	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	62.3	79.8	86.2	92.4	96.9	97.8	98.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	62.3	79.8	86.2	92.4	96.8	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	62.3	79.8	86.2	92.4	96.9	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	62.3	79.8	86.2	92.4	96.8	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ [illegible]	62.3	79.8	86.2	92.4	96.8	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ [illegible]	62.3	79.8	86.2	92.4	96.8	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GL[illegible] [illegible]AL CLIMATOLOGY [illegible]RANCH
[illegible]AFETAC
A[illegible] [illegible]EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]227 STATION — [illegible]ATERTOWN NY STATION NAME — 74-83 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	[illegible]7.4	[illegible].4	40.1	43.1	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	[illegible].1	43.4	45.4	49.1	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 18000	[illegible].1	43.4	45.4	49.1	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 16000	[illegible].1	43.4	45.4	49.1	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 14000	[illegible]7.1	44.4	46.4	50.1	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 12000	[illegible].3	46.1	48.1	52.1	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 10000	40.7	49.2	51.2	55.2	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 9000	41.2	49.6	51.6	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
≥ 8000	43.3	52.8	55.7	59.0	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 7000	43.7	53.4	55.7	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 6000	44.9	54.9	57.3	61.6	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 5000	46.3	57.6	60.0	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 4500	47.4	56.7	61.1	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4000	49.8	61.7	64.7	70.1	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3500	52.1	64.4	67.9	73.3	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	56.7	70.1	74.1	79.8	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	59.8	73.7	77.9	84.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	59.4	75.3	79.9	86.3	87.9	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	59.7	75.7	80.2	86.7	88.2	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	60.1	77.3	82.0	88.6	90.1	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	60.6	78.0	83.1	89.7	91.4	92.2	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	61.0	79.1	84.3	90.9	92.8	93.6	94.2	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	61.1	79.3	84.7	91.2	93.1	94.0	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	61.1	79.6	84.9	91.4	93.4	94.3	95.0	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	61.1	79.7	85.2	92.0	94.0	95.2	96.0	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	61.3	80.4	86.2	93.0	95.1	96.3	97.1	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	61.3	80.8	86.7	93.6	95.7	97.1	98.2	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	61.3	80.8	86.7	93.8	95.9	97.3	98.6	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	61.3	80.8	86.7	93.9	96.0	97.6	98.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	61.3	80.8	86.7	93.9	96.0	97.7	98.9	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	61.3	80.8	86.7	93.9	96.0	97.7	98.9	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	61.3	80.8	86.7	93.9	96.0	97.7	98.9	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION: 72?227 STATION NAME: ATERTOWN NY YEARS: 74-83 MONTH: SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS: 1500-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	43.0	45.0	46.4	47.0	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥20000	37.8	47.6	[illegible]	52.7	53.3	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥18000	[illegible]	47.6	[illegible]	52.7	53.3	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥16000	37.8	47.6	50.4	52.7	53.3	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥14000	[illegible]	[illegible]	[illegible]	53.3	54.0	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥12000	[illegible]	49.0	[illegible]	54.7	55.3	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥10000	43.1	53.1	56.1	59.0	59.7	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥9000	43.1	53.2	56.2	59.1	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥8000	[illegible]	56.1	61.3	64.3	65.0	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥7000	46.9	59.0	62.2	65.2	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥6000	47.7	60.2	[illegible]	66.6	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥5000	50.6	63.9	68.1	71.6	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥4500	51.6	64.9	69.2	72.8	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥4000	53.3	67.6	72.2	76.1	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥3500	55.4	70.0	75.0	79.2	80.3	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥3000	[illegible]	73.7	78.9	83.1	84.2	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥2500	59.6	76.1	81.4	85.9	87.8	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥2000	[illegible]	77.6	83.6	88.3	90.3	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥1800	[illegible]	76.2	84.3	89.1	91.1	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥1500	[illegible]	79.2	85.4	90.4	92.7	93.1	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥1200	[illegible]	79.8	86.7	91.0	93.2	93.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥1000	61.1	[illegible]	87.0	92.0	94.2	94.8	96.1	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥900	61.1	80.8	87.0	92.1	94.3	94.9	96.2	96.3	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥800	61.1	81.1	87.4	92.7	[illegible]	95.8	97.1	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥700	61.1	81.2	87.6	92.9	95.6	96.1	97.4	97.7	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥600	61.1	81.3	87.7	93.4	96.1	96.7	98.0	98.2	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥500	61.1	81.3	88.0	93.9	96.6	97.1	98.4	98.7	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥400	61.1	81.3	88.0	94.0	96.7	97.2	98.8	99.0	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	61.1	81.3	88.0	94.0	96.7	97.2	98.8	99.0	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	61.1	81.3	88.0	94.0	96.7	97.2	98.8	99.0	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	61.1	81.3	88.0	94.0	96.7	97.2	98.8	99.0	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	61.1	81.3	88.0	94.0	96.7	97.2	98.8	99.0	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

227	WATERTOWN NY	74-83	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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	49.4	50.4	51.2	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.6
≥ 20000	42.9	52.4	53.9	54.8	55.4	55.4	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8	56.1
≥ 18000	42.9	52.4	53.9	54.8	55.4	55.4	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8	56.1
≥ 16000	42.9	52.4	53.9	54.8	55.4	55.4	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8	56.1
≥ 14000	43.3	53.1	54.6	55.8	56.7	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.4
≥ 12000	44.1	54.2	55.8	57.0	57.9	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.7
≥ 10000	47.4	58.9	60.8	62.0	63.2	63.2	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.7	64.0
≥ 9000	47.8	59.4	61.4	62.7	63.9	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.7
≥ 8000	49.6	62.6	64.7	66.1	67.3	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8	68.1
≥ 7000	49.9	62.9	65.0	66.4	67.7	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.4
≥ 6000	50.8	63.9	66.0	67.9	69.2	69.2	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.7	70.0
≥ 5000	52.6	67.6	69.9	71.8	73.1	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.9
≥ 4500	53.7	69.2	71.7	73.7	75.1	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.9
≥ 4000	56.1	72.4	75.4	78.0	79.6	79.6	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.4
≥ 3500	57.9	75.7	78.9	81.4	83.2	83.2	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.9	84.2
≥ 3000	59.3	78.4	82.2	85.0	86.8	86.8	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.7	88.0
≥ 2500	59.6	79.8	83.7	86.4	88.3	88.3	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.2	89.6
≥ 2000	59.9	81.3	85.4	88.7	90.8	90.8	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.9	92.2
≥ 1800	60.1	81.8	85.9	89.2	91.3	91.3	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.4	92.8
≥ 1500	60.3	82.1	86.9	90.6	92.9	92.9	93.9	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.6	94.9
≥ 1200	60.6	82.7	87.4	91.1	93.7	93.7	94.7	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.3	95.7
≥ 1000	60.6	83.4	88.2	91.9	94.7	94.7	95.7	95.8	95.9	96.3	96.4	96.4	96.4	96.4	96.7	97.0
≥ 900	60.6	83.6	88.3	92.0	94.8	94.8	95.8	95.9	96.0	96.4	96.6	96.6	96.6	96.6	96.8	97.1
≥ 800	60.6	83.9	88.7	92.3	95.4	95.4	96.4	96.6	96.7	97.1	97.4	97.4	97.4	97.4	97.7	98.0
≥ 700	60.6	84.0	88.8	92.4	95.7	95.7	96.8	96.9	97.0	97.4	97.8	97.8	97.8	97.8	98.0	98.3
≥ 600	60.7	84.3	89.1	92.9	96.1	96.1	97.2	97.3	97.4	97.9	98.2	98.2	98.2	98.2	98.4	98.8
≥ 500	60.7	84.4	89.4	93.2	96.7	96.7	98.0	98.1	98.2	98.7	99.0	99.0	99.0	99.0	99.2	99.6
≥ 400	60.7	84.4	89.6	93.3	96.9	96.9	98.3	98.4	98.6	99.0	99.3	99.3	99.3	99.3	99.6	99.9
≥ 300	60.7	84.4	89.6	93.3	96.9	96.9	98.3	98.4	98.6	99.0	99.3	99.3	99.3	99.3	99.6	99.9
≥ 200	60.7	84.4	89.6	93.3	96.9	96.9	98.3	98.4	98.6	99.1	99.4	99.4	99.4	99.4	99.7	100.0
≥ 100	60.7	84.4	89.6	93.3	96.9	96.9	98.3	98.4	98.6	99.1	99.4	99.4	99.4	99.4	99.7	100.0
≥ 0	60.7	84.4	89.6	93.3	96.9	96.9	98.3	98.4	98.6	99.1	99.4	99.4	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION: ...27 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | MONTH: SEP

HOURS (L.S.T.): ALL

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	37.0	41.6	43.1	44.5	45.4	45.4	45.5	45.6	45.6	45.7	45.7	45.7	45.9	45.9	45.9	46.0
≥ 20000	37.3	45.1	47.1	48.3	49.8	49.9	50.0	50.1	50.1	50.2	50.3	50.3	50.4	50.4	50.4	50.5
≥ 18000	37.3	45.1	47.1	48.9	49.8	49.9	50.0	50.1	50.1	50.2	50.3	50.3	50.4	50.4	50.4	50.5
≥ 16000	37.4	45.1	47.2	48.9	49.9	49.9	50.0	50.1	50.1	50.2	50.3	50.3	50.4	50.4	50.4	50.5
≥ 14000	37.8	45.7	47.7	49.5	50.5	50.6	50.7	50.8	50.8	50.9	51.0	51.0	51.1	51.1	51.1	51.2
≥ 12000	38.9	46.9	49.0	51.0	52.0	52.0	52.1	52.2	52.2	52.3	52.4	52.4	52.5	52.5	52.6	52.7
≥ 10000	41.4	50.6	52.3	54.9	55.9	56.0	56.1	56.2	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.6
≥ 9000	41.5	50.8	53.1	55.1	56.2	56.4	56.4	56.5	56.5	56.6	56.6	56.6	56.7	56.8	56.8	56.9
≥ 8000	43.4	53.7	56.1	58.3	59.4	59.4	59.6	59.6	59.7	59.8	59.8	59.8	59.9	59.9	60.0	60.1
≥ 7000	44.1	54.5	56.9	59.2	60.3	60.4	60.5	60.6	60.6	60.7	60.8	60.8	60.9	60.9	61.0	61.1
≥ 6000	44.9	55.7	58.2	60.5	61.7	61.8	61.9	62.0	62.0	62.1	62.2	62.2	62.3	62.3	62.4	62.5
≥ 5000	47.1	58.9	61.7	64.3	65.5	65.6	65.7	65.8	65.8	66.0	66.0	66.0	66.2	66.2	66.2	66.3
≥ 4500	49.1	60.4	63.2	65.9	67.2	67.3	67.4	67.5	67.5	67.6	67.7	67.7	67.8	67.8	67.9	68.0
≥ 4000	50.6	63.8	67.0	70.2	71.7	71.8	72.0	72.1	72.1	72.2	72.3	72.3	72.4	72.4	72.5	72.6
≥ 3500	52.1	66.1	69.7	73.1	74.8	74.9	75.1	75.2	75.2	75.4	75.5	75.5	75.6	75.6	75.7	75.8
≥ 3000	54.3	70.1	74.2	77.9	79.8	80.0	80.2	80.3	80.3	80.5	80.5	80.6	80.7	80.7	80.8	80.9
≥ 2500	56.2	72.4	76.8	80.8	83.1	83.1	83.5	83.6	83.6	83.7	83.8	83.8	83.9	84.0	84.0	84.2
≥ 2000	57.3	74.6	79.9	83.8	86.3	86.6	87.0	87.2	87.2	87.4	87.4	87.4	87.6	87.6	87.7	87.8
≥ 1800	57.9	75.1	80.0	84.4	86.9	87.2	87.6	87.7	87.7	87.9	87.9	87.9	88.1	88.1	88.2	88.3
≥ 1500	58.6	76.9	82.1	86.8	89.5	89.9	90.4	90.6	90.6	90.8	90.9	90.9	91.0	91.1	91.1	91.3
≥ 1200	59.1	77.9	83.3	88.1	91.0	91.5	92.2	92.4	92.4	92.7	92.7	92.7	92.9	92.9	93.0	93.1
≥ 1000	59.3	78.7	84.2	89.1	92.3	92.6	93.7	93.9	93.9	94.3	94.4	94.4	94.6	94.6	94.7	94.8
≥ 900	59.4	78.9	84.5	89.5	92.7	93.3	94.1	94.3	94.3	94.7	94.8	94.8	95.0	95.0	95.1	95.2
≥ 800	59.4	79.3	85.0	90.0	93.4	94.0	94.9	95.2	95.2	95.7	95.8	95.8	96.0	96.0	96.1	96.2
≥ 700	59.4	79.6	85.4	90.6	94.1	94.7	95.7	96.0	96.0	96.5	96.6	96.6	96.8	96.9	96.9	97.0
≥ 600	59.5	80.0	85.9	91.2	94.8	95.4	96.5	96.8	96.8	97.4	97.5	97.5	97.6	97.7	97.7	97.9
≥ 500	59.5	80.0	86.1	91.6	95.3	96.0	97.2	97.7	97.7	98.3	98.4	98.4	98.6	98.7	98.7	98.8
≥ 400	59.5	80.0	86.1	91.7	95.5	96.3	97.7	98.2	98.2	99.0	99.1	99.1	99.3	99.3	99.4	99.5
≥ 300	59.5	80.0	86.1	91.7	95.5	96.3	97.8	98.4	98.4	99.2	99.3	99.3	99.5	99.5	99.6	99.7
≥ 200	59.5	80.0	86.1	91.7	95.5	96.3	97.8	98.4	98.4	99.2	99.4	99.4	99.7	99.7	99.7	99.9
≥ 100	59.5	80.0	86.1	91.7	95.5	96.3	97.8	98.4	98.4	99.2	99.4	99.4	99.7	99.7	99.7	99.9
≥ 0	59.5	80.0	86.1	91.7	95.5	96.3	97.8	98.4	98.4	99.2	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7166

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7_227 — ATERTOWN NY — 74-83 — OCT

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	42.3	46.7	47.1	47.5	47.6	47.6	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 20000	42.4	48.8	49.1	49.7	49.8	49.8	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 18000	42.4	48.8	49.1	49.7	49.8	49.8	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 16000	42.4	48.8	49.1	49.7	49.8	49.8	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 14000	42.4	48.8	49.1	49.7	49.8	49.8	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 12000	43.7	51.2	51.5	52.1	52.2	52.2	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 10000	47.3	53.3	53.7	54.2	54.3	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000	47.4	53.4	53.8	54.3	54.4	54.4	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 8000	47.1	55.6	55.9	56.5	56.6	56.6	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 7000	47.3	55.9	56.2	56.6	56.9	56.9	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 6000	50.3	59.7	60.2	60.3	60.9	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	54.5	65.5	66.3	66.9	67.3	67.3	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	57.1	68.7	69.7	70.3	70.9	70.9	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4000	59.3	71.2	72.2	72.8	73.4	73.4	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	61.4	74.7	76.0	76.7	77.4	77.4	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	64.1	79.2	80.6	81.3	82.0	82.0	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	65.9	82.4	84.0	84.6	85.4	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	67.1	85.9	87.6	88.3	89.2	89.2	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	67.3	86.5	88.2	89.1	90.2	90.2	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	67.6	87.1	89.4	90.3	91.6	91.6	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	67.7	87.8	90.2	91.6	92.9	92.9	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 1000	67.8	88.2	90.8	92.3	93.5	93.5	94.0	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 900	67.8	88.3	90.9	92.4	93.7	93.7	94.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 800	67.8	88.6	91.2	92.7	94.0	94.0	94.4	94.6	94.7	94.9	94.9	94.9	94.9	94.9	95.1	95.1
≥ 700	67.8	89.0	91.6	93.2	94.8	94.9	95.5	95.7	95.8	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 600	67.8	89.4	92.1	93.7	95.4	95.5	96.0	96.2	96.3	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 500	67.8	89.9	92.8	94.4	96.8	96.9	97.6	98.0	98.1	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 400	67.8	89.9	92.8	94.4	96.9	96.9	97.6	98.0	98.1	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 300	67.8	89.9	92.8	94.5	97.1	97.2	98.2	98.5	98.6	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 200	67.8	89.9	92.8	94.5	97.1	97.2	98.2	98.6	98.7	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 100	67.8	89.9	92.8	94.5	97.1	97.2	98.2	98.6	98.7	99.5	99.6	99.6	99.7	99.7	99.9	99.9
≥ 0	67.8	89.9	92.8	94.5	97.1	97.2	98.2	98.6	98.7	99.5	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 93_

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 227 | STATION NAME: WATERTOWN NY | YEARS: 74-83 | OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	47.1	45.2	46.9	47.3	45.2	46.2	45.5	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.1	49.4
≥20000	42.9	49.4	50.0	50.4	51.3	51.3	51.6	51.8	51.8	52.2	52.2	52.2	52.2	52.2	52.3	52.5
≥18000	42.9	49.4	50.0	50.4	51.3	51.3	51.6	51.8	51.8	52.2	52.2	52.2	52.2	52.2	52.3	52.5
≥16000	42.9	49.4	50.0	50.4	51.3	51.3	51.6	51.8	51.8	52.2	52.2	52.2	52.2	52.2	52.3	52.5
≥14000	42.9	49.5	50.1	50.5	51.4	51.4	51.7	51.9	51.9	52.3	52.3	52.3	52.3	52.3	52.4	52.6
≥12000	44.1	51.2	51.8	52.3	53.1	53.1	53.4	53.7	53.7	54.0	54.0	54.0	54.0	54.0	54.1	54.3
≥10000	47.3	53.4	54.1	54.5	55.4	55.4	55.7	55.9	55.9	56.2	56.2	56.2	56.2	56.2	56.3	56.7
≥9000	47.5	53.7	54.3	54.7	55.6	55.6	55.9	56.1	56.1	56.5	56.5	56.5	56.5	56.5	56.6	56.9
≥8000	47.1	56.1	56.9	57.2	58.1	58.2	58.5	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.1	59.5
≥7000	47.8	57.1	57.7	58.2	59.0	59.1	59.5	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.1	60.4
≥6000	49.5	56.9	59.7	60.2	61.1	61.2	61.5	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.2	62.5
≥5000	51.1	61.5	62.7	63.2	64.1	64.2	64.5	64.7	64.7	65.1	65.1	65.1	65.1	65.1	65.2	65.5
≥4500	54.7	65.1	66.2	66.8	67.6	67.7	68.1	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.7	69.0
≥4000	56.9	68.7	70.0	70.5	71.5	71.6	72.0	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.7	73.0
≥3500	57.7	72.2	73.5	74.2	75.4	75.5	75.9	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.6	76.9
≥3000	60.9	76.8	78.4	79.1	80.3	80.4	80.9	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.5	81.8
≥2500	61.4	79.2	81.1	81.8	83.1	83.3	83.9	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.4	84.7
≥2000	63.1	82.8	84.9	86.0	87.4	87.6	88.2	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.9	89.2
≥1800	63.1	83.1	85.5	86.6	88.1	88.2	88.7	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.5	89.8
≥1500	64.1	84.2	86.9	88.1	89.6	89.8	90.3	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.1	91.4
≥1200	64.2	84.9	88.0	89.2	91.0	91.2	92.2	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.9	93.2
≥1000	64.2	85.1	88.5	90.0	91.7	91.9	93.0	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.8	94.1
≥900	64.3	85.3	88.8	90.3	92.0	92.3	93.4	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.3	94.6
≥800	64.4	85.6	89.7	91.3	93.0	93.2	94.4	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.3	95.6
≥700	64.5	86.1	90.4	92.4	94.3	94.5	95.7	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.6	96.9
≥600	64.5	86.7	91.0	92.8	95.1	95.4	96.6	96.9	97.0	97.4	97.4	97.4	97.4	97.4	97.5	97.8
≥500	64.5	87.4	91.9	94.0	96.3	96.5	97.7	98.1	98.2	98.6	98.7	98.7	98.7	98.7	98.8	99.1
≥400	64.5	87.6	92.3	94.3	96.6	96.8	98.1	98.5	98.6	99.0	99.1	99.1	99.1	99.1	99.2	99.6
≥300	64.5	87.6	92.3	94.3	96.7	96.9	98.2	98.6	98.7	99.2	99.4	99.4	99.4	99.4	99.5	99.8
≥200	64.5	87.6	92.3	94.3	96.7	96.9	98.2	98.6	98.7	99.2	99.4	99.4	99.4	99.4	99.5	99.8
≥100	64.5	87.6	92.3	94.3	96.7	96.9	98.2	98.6	98.7	99.2	99.4	99.4	99.5	99.5	99.6	99.9
≥0	64.5	87.6	92.3	94.3	96.7	96.9	98.2	98.6	98.7	99.2	99.4	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

.L. FAL CLIMATOLOGY BRANCH
.SAFETAC
AT. WEAT ER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 .267 | WATERTOWN NY | 74-83 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.3	35.3	37.4	38.2	39.0	39.0	39.2	39.4	39.4	39.6	39.6	39.6	39.9	40.1	40.2	40.5
≥ 20000	33.0	39.1	40.2	41.1	41.9	41.9	42.2	42.3	42.3	42.5	42.5	42.5	42.8	43.0	43.1	43.4
≥ 18000	33.9	39.2	40.3	41.2	42.0	42.0	42.3	42.4	42.4	42.6	42.6	42.6	42.9	43.1	43.2	43.5
≥ 16000	34.1	39.4	40.4	41.3	42.2	42.2	42.4	42.5	42.5	42.7	42.7	42.7	43.0	43.2	43.3	43.7
≥ 14000	34.4	39.9	41.0	41.8	42.7	42.7	42.9	43.0	43.0	43.2	43.2	43.2	43.5	43.8	43.9	44.2
≥ 12000	34.3	40.9	42.0	42.9	43.8	43.8	44.1	44.2	44.2	44.4	44.4	44.4	44.7	44.9	45.1	45.4
≥ 10000	36.1	42.7	44.1	45.1	46.2	46.2	46.6	46.7	46.7	46.9	47.0	47.0	47.3	47.5	47.6	48.0
≥ 9000	36.3	42.9	44.2	45.3	46.5	46.5	46.8	46.9	46.9	47.1	47.2	47.2	47.5	47.7	47.8	48.2
≥ 8000	38.4	45.4	46.9	48.2	49.5	49.5	49.8	49.9	49.9	50.1	50.2	50.2	50.5	50.8	50.9	51.3
≥ 7000	39.1	46.6	48.1	49.4	50.6	50.6	51.0	51.1	51.1	51.3	51.4	51.4	51.7	51.9	52.0	52.5
≥ 6000	40.2	48.3	50.1	51.6	53.0	53.0	53.3	53.4	53.4	53.7	53.8	53.8	54.1	54.3	54.4	54.8
≥ 5000	42.9	51.9	54.0	55.5	56.9	56.9	57.2	57.3	57.3	57.5	57.6	57.6	58.0	58.2	58.3	58.7
≥ 4500	44.9	54.2	56.2	57.7	59.1	59.1	59.5	59.6	59.6	59.8	59.9	59.9	60.2	60.4	60.5	61.0
≥ 4000	47.8	58.1	60.5	62.3	63.7	63.7	64.0	64.1	64.1	64.3	64.4	64.4	64.7	64.9	65.1	65.5
≥ 3500	50.6	62.3	64.8	66.7	68.2	68.2	68.5	68.6	68.6	68.8	68.9	68.9	69.2	69.5	69.6	70.0
≥ 3000	52.3	65.2	68.0	70.2	72.0	72.0	72.5	72.6	72.6	72.8	72.9	72.9	73.2	73.4	73.5	74.0
≥ 2500	54.3	70.1	73.4	75.8	77.6	77.6	78.1	78.2	78.2	78.4	78.5	78.5	78.8	79.0	79.1	79.6
≥ 2000	56.6	73.2	77.1	79.9	82.0	82.2	82.7	82.8	82.8	83.0	83.1	83.1	83.4	83.7	83.8	84.2
≥ 1800	57.7	73.8	77.8	80.8	83.0	83.1	83.7	83.8	83.8	84.0	84.1	84.1	84.4	84.6	84.7	85.2
≥ 1500	58.7	76.7	81.1	84.5	86.9	87.0	87.7	87.8	87.8	88.1	88.2	88.2	88.5	88.7	88.8	89.2
≥ 1200	59.4	77.6	82.4	86.0	88.5	88.9	89.9	90.0	90.0	90.2	90.3	90.3	90.6	90.9	91.0	91.4
≥ 1000	59.7	78.5	83.3	87.0	89.5	90.1	91.2	91.4	91.7	91.9	92.0	92.0	92.4	92.6	92.7	93.1
≥ 900	59.7	78.8	83.7	87.3	89.9	90.5	91.7	91.9	92.3	92.5	92.6	92.6	92.9	93.1	93.2	93.7
≥ 800	59.8	80.1	85.3	88.9	91.5	92.2	93.3	93.7	94.0	94.2	94.3	94.3	94.6	94.8	94.9	95.4
≥ 700	59.9	80.6	86.0	89.8	92.7	93.3	94.5	94.8	95.2	95.4	95.5	95.5	95.8	96.0	96.1	96.6
≥ 600	59.8	80.9	86.3	90.3	93.3	94.0	95.2	95.5	95.8	96.0	96.1	96.1	96.5	96.7	96.8	97.2
≥ 500	59.8	80.9	86.5	90.5	93.9	94.5	95.7	96.1	96.5	96.7	96.8	96.8	97.1	97.3	97.4	97.8
≥ 400	59.8	81.2	87.3	91.6	95.1	95.7	96.9	97.4	97.7	98.0	98.1	98.1	98.4	98.6	98.7	99.1
≥ 300	59.8	81.2	87.3	91.6	95.3	95.9	97.1	97.7	98.1	98.3	98.4	98.4	98.7	98.9	99.0	99.6
≥ 200	59.8	81.2	87.3	91.6	95.3	95.9	97.1	97.7	98.1	98.3	98.4	98.4	98.7	98.9	99.0	99.6
≥ 100	59.9	81.2	87.3	91.6	95.3	95.9	97.1	97.7	98.1	98.3	98.4	98.4	98.7	98.9	99.0	99.8
≥ 0	59.9	81.2	87.3	91.6	95.3	95.9	97.1	97.7	98.1	98.3	98.4	98.4	98.7	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible]227 ATERTOWN NY (STATION NAME) 74-83 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	32.3	37.1	39.3	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5
≥ 20000	34.[illegible]	40.1	41.4	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6
≥ 18000	35.1	40.4	41.7	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9
≥ 16000	35.2	4[illegible].5	41.8	42.6	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0
≥ 14000	35.7	41.4	42.7	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9
≥ 12000	36.1	42.2	43.4	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6
≥ 10000	37.7	44.5	45.8	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1
≥ 9000	38.3	45.4	46.7	47.5	47.8	47.8	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0
≥ 8000	40.0	4[illegible].8	50.6	51.6	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
≥ 7000	42.3	49.6	51.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8
≥ 6000	41.5	5[illegible].5	52.8	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2
≥ 5000	43.1	52.4	54.8	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 4500	44.1	53.8	56.6	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	56.1	59.1	58.1
≥ 4000	46.8	57.0	60.1	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
≥ 3500	49.2	60.0	63.2	64.5	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1
≥ 3000	52.2	64.3	67.5	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6
≥ 2500	54.9	66.7	72.7	73.9	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2000	58.4	74.3	78.0	80.2	81.1	81.3	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1800	59.7	75.4	79.1	81.5	82.4	82.6	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500	61.7	78.4	82.6	85.4	86.6	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	62.6	81.1	85.4	88.5	90.0	90.3	90.3	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	6[illegible].1	81.7	86.3	89.6	91.3	91.8	92.0	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	63.1	82.5	87.1	90.4	92.3	92.9	93.3	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	63.3	83.0	88.1	91.7	93.8	94.4	95.2	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	63.3	83.8	88.8	92.7	94.8	95.5	96.2	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	63.3	84.0	89.1	93.2	95.7	96.3	97.1	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	63.9	84.1	89.4	93.7	96.6	97.2	98.0	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	63.9	84.3	89.9	94.3	97.3	98.0	98.8	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	63.9	84.3	89.9	94.3	97.3	98.0	98.9	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	63.3	84.3	89.9	94.3	97.3	98.0	98.9	99.7	99.7	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	63.9	84.3	89.9	94.3	97.3	98.0	98.9	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	63.3	84.3	89.9	94.3	97.3	98.0	98.9	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

??227 (STATION) WATERTOWN NY (STATION NAME) 74-83 (YEARS) OCT (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	[illegible]	34.1	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000	34.3	39.7	40.8	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
≥ 18000	34.3	40.1	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	41.6
≥ 16000	34.5	40.1	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	41.6
≥ 14000	34.7	40.5	41.6	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 12000	35.4	41.3	42.4	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 10000	37.1	43.9	44.9	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
≥ 9000	37.7	44.5	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 8000	39.0	48.0	49.4	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
≥ 7000	40.0	49.1	50.9	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 6000	41.9	50.1	51.8	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
≥ 5000	42.7	53.2	55.3	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
≥ 4500	43.4	54.0	56.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 4000	45.6	57.0	59.2	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
≥ 3500	49.2	60.9	63.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 3000	54.0	66.8	69.4	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 2500	59.8	72.4	74.9	76.7	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	62.2	77.5	80.4	82.4	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	62.6	78.6	81.8	83.8	84.4	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	64.6	82.6	86.0	88.1	89.0	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	66.0	84.5	88.4	90.5	91.7	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	66.3	85.4	89.5	91.8	93.0	93.2	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	66.3	85.6	89.8	92.4	93.9	94.1	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	66.5	86.0	90.2	92.9	94.5	94.7	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	66.7	86.5	90.6	93.7	95.6	95.9	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	66.8	86.8	91.2	94.4	96.3	97.0	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	66.8	86.9	91.4	94.7	97.0	97.7	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	66.8	87.0	91.6	95.2	97.5	98.3	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	66.8	87.0	91.6	95.2	97.5	98.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	66.8	87.0	91.6	95.2	97.6	98.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.8	87.0	91.6	95.2	97.6	98.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	66.8	87.0	91.6	95.2	97.6	98.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72 227 (STATION) WATERTOWN NY (STATION NAME) 74-83 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.7	36.3	37.5	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	33.2	43.1	44.5	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
≥ 18000	33.3	43.2	44.6	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
≥ 16000	33.3	43.2	44.6	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
≥ 14000	33.5	43.5	44.9	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
≥ 12000	33.9	44.7	46.1	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
≥ 10000	40.6	46.7	48.1	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
≥ 9000	41.1	47.1	48.6	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
≥ 8000	43.0	49.5	51.0	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 7000	43.9	50.8	52.3	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
≥ 6000	45.7	52.9	54.4	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 5000	48.0	56.3	58.2	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 4500	49.7	57.5	59.9	60.4	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 4000	52.6	61.7	63.9	65.2	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3500	59.1	68.4	70.8	72.4	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3000	62.9	74.2	76.8	78.4	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	66.2	78.1	80.6	82.4	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	69.8	81.4	84.1	86.1	87.0	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	69.9	81.8	84.6	86.8	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	70.0	84.2	87.1	89.5	90.8	91.0	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	70.5	85.8	88.8	91.2	92.5	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	71.0	86.7	89.8	92.5	93.8	94.0	94.4	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	71.1	86.7	89.8	92.5	93.9	94.1	94.5	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	71.1	87.1	90.4	93.2	94.7	95.2	95.7	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	71.1	87.2	90.5	93.3	94.9	95.5	96.0	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	71.1	87.5	91.2	94.3	96.0	96.6	97.2	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	71.1	87.5	91.2	94.4	96.7	97.2	97.8	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	71.1	87.6	91.3	94.7	97.0	97.6	98.4	98.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	71.1	87.6	91.3	94.7	97.0	97.6	98.4	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	71.1	87.6	91.4	94.8	97.1	97.8	98.6	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	71.1	87.6	91.4	94.8	97.1	97.8	98.6	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	71.1	87.6	91.4	94.8	97.1	97.8	98.6	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]227 WATERTOWN NY (STATION / STATION NAME) 74-83 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

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	41.7	41.9	41.9	42.3	42.3	42.3	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	42.3	47.0	47.3	47.3	47.6	47.6	47.6	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000	42.3	47.0	47.3	47.3	47.6	47.6	47.6	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 16000	42.3	47.0	47.3	47.3	47.6	47.6	47.6	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 14000	42.6	47.3	47.6	47.6	48.0	48.0	48.0	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 12000	44.0	49.0	49.4	49.4	49.7	49.7	49.7	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 10000	45.7	51.6	51.9	51.9	52.3	52.3	52.3	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 9000	45.8	51.9	52.3	52.4	52.7	52.7	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 8000	47.5	54.1	54.5	54.9	55.3	55.3	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 7000	49.1	54.6	55.1	55.5	55.8	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 6000	50.4	57.2	57.6	58.1	58.4	58.4	58.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	54.0	63.3	63.9	64.3	64.7	64.7	64.7	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 4500	56.1	66.1	66.7	67.1	67.5	67.5	67.5	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4000	60.5	71.2	71.9	72.6	73.1	73.1	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3500	63.4	75.1	76.0	76.7	77.4	77.4	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	66.9	79.6	80.5	81.2	82.0	82.0	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	69.3	81.7	82.7	83.3	84.2	84.2	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	70.3	85.5	86.6	87.4	88.3	88.3	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	70.5	85.8	87.0	87.8	88.8	88.8	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	71.5	87.5	89.0	90.1	91.4	91.4	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	71.6	88.3	90.2	91.4	92.8	92.9	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	71.7	88.9	91.0	92.5	94.0	94.1	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	71.7	89.0	91.2	92.7	94.2	94.4	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	71.7	89.2	91.6	93.2	94.9	95.2	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	71.7	89.5	92.0	93.7	95.5	95.7	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	71.7	89.6	92.1	94.3	96.5	96.7	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	71.7	89.7	92.4	94.7	97.4	97.7	98.6	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	71.7	89.8	92.5	94.8	97.5	97.8	98.7	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	71.7	90.0	92.7	95.2	97.8	98.2	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.7	90.0	92.7	95.2	97.8	98.2	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.7	90.0	92.7	95.2	97.8	98.2	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.7	90.0	92.7	95.2	97.8	98.2	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

L DAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72?27 WATERTOWN NY (STATION NAME) 74-83 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.9	43.1	43.5	43.5	43.9	43.8	43.9	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.2
≥ 20000	40.8	45.8	46.2	46.2	46.5	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.9
≥ 18000	40.9	45.9	46.3	46.3	46.6	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	47.0
≥ 16000	40.8	45.9	46.3	46.3	46.6	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	47.0
≥ 14000	40.9	46.0	46.5	46.5	46.7	46.7	46.8	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.1
≥ 12000	42.6	48.2	48.6	48.6	48.8	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.2
≥ 10000	44.1	51.7	52.3	52.3	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.9
≥ 9000	44.1	51.7	52.3	52.3	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.9
≥ 8000	46.3	53.9	54.4	54.6	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.6
≥ 7000	46.5	54.4	55.1	55.3	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.2
≥ 6000	49.2	57.6	58.3	58.5	59.7	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.5
≥ 5000	53.9	63.3	64.2	64.4	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5
≥ 4500	56.9	66.9	67.7	68.0	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	69.0
≥ 4000	61.1	72.5	73.5	73.8	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.8
≥ 3500	64.1	77.4	78.6	78.8	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.9
≥ 3000	66.8	81.4	83.0	83.2	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.5
≥ 2500	67.6	84.2	85.8	86.1	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.4
≥ 2000	68.7	87.3	88.9	89.4	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 1800	68.9	87.7	89.5	90.0	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.4
≥ 1500	69.1	88.5	91.0	91.7	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.1
≥ 1200	69.1	88.9	91.6	92.7	93.9	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.4
≥ 1000	69.1	89.2	92.4	93.4	94.7	94.7	95.4	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8
≥ 900	69.1	89.2	92.4	93.4	94.7	94.7	95.4	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8
≥ 800	69.1	89.2	92.5	93.8	95.4	95.4	96.3	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.8
≥ 700	69.1	89.4	92.6	93.9	95.5	95.5	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	97.0
≥ 600	69.1	89.5	92.7	94.2	96.2	96.3	97.4	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8
≥ 500	69.1	89.9	93.3	94.8	97.1	97.2	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.7
≥ 400	69.1	89.9	93.3	95.2	97.5	97.6	98.7	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.4
≥ 300	69.1	90.1	93.5	95.4	97.7	97.8	98.9	99.0	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥ 200	69.1	90.2	93.7	95.6	98.0	98.1	99.1	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	69.1	90.2	93.7	95.6	98.0	98.1	99.1	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	69.1	90.2	93.7	95.6	98.0	98.1	99.1	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 936

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

74227 WATERTOWN NY | 74-83 | OCT
STATION | STATION NAME | YEARS | MONTH

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	39.6	40.2	41.0	41.4	41.7	41.7	41.8	41.9	41.9	42.0	42.0	42.0	42.1	42.1	42.1	42.2
≥ 20000	39.7	44.1	44.9	45.3	45.7	45.7	45.8	45.9	45.9	46.0	46.0	46.0	46.1	46.1	46.1	46.2
≥ 18000	39.8	44.3	45.1	45.5	45.8	45.8	46.0	46.0	46.0	46.1	46.1	46.1	46.2	46.2	46.3	46.3
≥ 16000	39.9	44.3	45.1	45.5	45.9	45.9	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.3	46.3	46.4
≥ 14000	39.7	44.6	45.4	45.9	46.2	46.2	46.3	46.4	46.4	46.5	46.5	46.5	46.6	46.6	46.6	46.7
≥ 12000	40.1	46.1	46.9	47.3	47.7	47.7	47.8	47.9	47.9	48.0	48.0	48.0	43.1	48.1	48.1	48.2
≥ 10000	41.6	46.5	49.3	49.8	50.2	50.2	50.3	50.4	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.7
≥ 9000	41.9	48.8	49.7	50.2	50.6	50.6	50.7	50.8	50.8	50.9	50.9	50.9	51.0	51.0	51.0	51.1
≥ 8000	43.5	51.4	52.4	53.1	53.5	53.5	53.7	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.1
≥ 7000	44.2	52.3	53.3	54.0	54.4	54.4	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.9	54.9	55.0
≥ 6000	45.9	54.4	55.6	56.3	56.8	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.3
≥ 5000	48.8	58.4	59.9	60.6	61.2	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.7
≥ 4500	50.7	60.8	62.4	63.1	63.7	63.7	63.8	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.2	64.3
≥ 4000	53.8	64.7	66.4	67.3	68.0	68.0	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.6
≥ 3500	56.9	68.9	70.8	71.8	72.6	72.6	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.1	73.2
≥ 3000	60.0	73.4	75.5	76.7	77.6	77.6	77.8	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.2
≥ 2500	62.2	77.1	79.3	80.6	81.5	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.2
≥ 2000	64.4	81.0	83.5	85.0	86.0	86.1	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.9
≥ 1800	64.7	81.6	84.2	85.8	86.9	87.0	87.3	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.8
≥ 1500	65.8	93.6	86.6	88.4	89.9	89.9	90.3	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.6
≥ 1200	66.4	84.9	88.1	90.1	91.7	91.8	92.3	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.8	92.9
≥ 1000	66.6	85.5	88.9	91.1	92.7	92.9	93.6	93.8	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.3
≥ 900	66.6	85.7	89.2	91.4	93.1	93.3	94.0	94.3	94.4	94.5	94.6	94.6	94.6	94.7	94.7	94.8
≥ 800	66.7	86.1	89.9	92.2	94.0	94.3	95.1	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.8	95.9
≥ 700	66.8	86.5	90.3	92.8	94.8	95.1	95.9	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.7	96.8
≥ 600	66.8	86.8	90.7	93.4	95.6	96.0	96.8	97.2	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.7
≥ 500	66.8	87.0	91.1	93.9	96.5	96.9	97.8	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.7	98.8
≥ 400	66.9	87.2	91.4	94.3	96.9	97.3	98.3	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.4
≥ 300	66.8	87.2	91.4	94.4	97.1	97.5	98.5	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.6	99.7
≥ 200	66.8	87.2	91.5	94.4	97.1	97.6	98.6	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	66.8	87.2	91.5	94.4	97.1	97.6	98.6	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.8	99.9
≥ 0	66.8	87.2	91.5	94.4	97.1	97.6	98.6	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

72?227 WATERTOWN NY (STATION / STATION NAME) — 74-83 (YEARS) — NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.2	30.7	31.0	31.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.9	31.8	31.9	32.0
≥ 20000	31.2	33.4	34.1	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	35.0	35.1
≥ 18000	31.2	33.8	34.1	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	35.0	35.1
≥ 16000	31.3	33.8	34.1	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	35.0	35.1
≥ 14000	31.4	34.1	34.4	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.3	35.4
≥ 12000	31.7	34.3	34.7	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.6	35.7
≥ 10000	33.4	37.0	37.4	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.3	38.4
≥ 9000	33.7	37.1	37.6	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3	38.4	38.6
≥ 8000	35.9	40.0	40.4	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.3	41.4
≥ 7000	36.4	40.8	41.2	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.2	42.3
≥ 6000	39.3	43.9	44.3	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.1	45.3	45.4
≥ 5000	43.4	50.8	51.3	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.3	52.4
≥ 4500	45.9	53.6	54.3	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.3	55.4
≥ 4000	48.6	57.2	58.2	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.2	59.3
≥ 3500	52.4	64.0	65.3	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.6	66.7
≥ 3000	55.9	70.2	71.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.3	73.4
≥ 2500	57.0	73.3	75.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.4	77.6
≥ 2000	59.0	78.8	82.6	83.9	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.8	84.9
≥ 1800	59.2	79.9	83.8	85.1	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.1	86.2
≥ 1500	59.2	80.3	84.7	86.3	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.6	87.6	87.8	87.9
≥ 1200	60.0	81.9	86.6	88.2	89.3	89.3	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.7	90.8
≥ 1000	60.1	82.7	87.6	89.4	90.8	90.8	91.7	91.8	91.9	92.2	92.2	92.2	92.3	92.3	92.6	92.7
≥ 900	60.1	82.8	88.0	90.0	91.3	91.3	92.2	92.3	92.4	93.0	93.0	93.0	93.1	93.1	93.3	93.4
≥ 800	60.3	83.4	89.1	91.1	92.7	92.7	93.6	93.7	93.8	94.6	94.6	94.6	94.7	94.7	94.9	95.0
≥ 700	60.4	83.7	89.6	91.8	93.6	93.6	94.4	94.6	94.7	95.4	95.4	95.4	95.6	95.6	95.8	95.9
≥ 600	60.4	83.7	89.7	92.2	94.1	94.2	95.1	95.4	95.6	96.3	96.3	96.3	96.4	96.4	96.7	96.8
≥ 500	60.4	83.7	89.7	92.3	94.2	94.3	95.4	95.9	96.0	97.1	97.1	97.1	97.2	97.2	97.4	97.6
≥ 400	60.4	83.8	89.9	92.9	95.1	95.2	96.4	96.9	97.0	98.2	98.2	98.2	98.4	98.4	98.7	98.8
≥ 300	60.4	83.8	89.9	93.0	95.2	95.3	96.8	97.3	97.4	98.7	98.7	98.7	99.0	99.0	99.2	99.3
≥ 200	60.4	83.8	89.9	93.0	95.3	95.6	97.1	97.7	97.8	99.0	99.0	99.0	99.3	99.3	99.6	99.7
≥ 100	60.4	83.8	89.9	93.0	95.3	95.6	97.1	97.7	97.8	99.0	99.0	99.0	99.4	99.4	99.7	99.8
≥ 0	60.4	83.8	89.9	93.0	95.3	95.6	97.1	97.7	97.8	99.1	99.1	99.1	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 600

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

227 (STATION) WATERTOWN NY (STATION NAME) 74-83 (YEARS) NOV (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	26.0	29.1	29.9	30.2	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.4	30.6	30.6	30.6	30.7
≥ 20000	29.1	31.7	32.4	32.8	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.2
≥ 18000	29.1	31.7	32.4	32.8	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.2
≥ 16000	29.1	31.7	32.4	32.8	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.2
≥ 14000	29.1	31.7	32.4	32.8	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.2
≥ 12000	29.2	31.9	32.7	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.3	33.3	33.3	33.4
≥ 10000	31.2	35.9	36.7	37.0	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.3	37.3	37.3	37.4
≥ 9000	31.2	36.1	36.9	37.2	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.6	37.6	37.6	37.7
≥ 8000	33.2	36.3	39.1	39.4	39.6	39.6	39.7	39.7	39.7	39.8	39.8	39.8	39.9	39.9	39.9	40.0
≥ 7000	33.7	36.9	39.7	40.0	40.1	40.1	40.2	40.2	40.2	40.3	40.3	40.3	40.4	40.4	40.4	40.6
≥ 6000	35.9	42.1	42.9	43.4	43.6	43.6	43.7	43.7	43.7	43.8	43.8	43.8	43.9	43.9	43.9	44.0
≥ 5000	39.3	45.8	46.9	47.3	47.4	47.4	47.6	47.6	47.6	47.7	47.7	47.7	47.8	47.8	47.8	47.9
≥ 4500	42.0	49.3	50.3	51.0	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.6
≥ 4000	44.4	53.6	54.9	55.7	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.2
≥ 3500	47.6	59.4	61.1	62.0	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.6
≥ 3000	51.2	65.6	67.8	68.7	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.3
≥ 2500	52.4	69.4	71.9	72.7	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.3
≥ 2000	55.3	77.4	80.2	81.2	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.9
≥ 1800	55.3	77.8	80.6	81.8	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	83.0
≥ 1500	55.7	78.8	82.4	84.0	84.9	84.9	85.2	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.6
≥ 1200	56.1	79.6	83.9	85.8	87.0	87.1	87.7	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3
≥ 1000	56.4	80.3	85.0	87.0	88.7	88.8	89.4	89.7	89.8	90.8	90.8	90.8	90.9	90.9	90.9	91.0
≥ 900	56.4	80.3	85.3	87.4	89.2	89.3	90.1	90.7	90.8	91.8	91.8	91.8	91.9	91.9	91.9	92.0
≥ 800	56.6	80.7	86.1	88.3	90.4	90.6	91.4	92.0	92.1	93.1	93.2	93.2	93.3	93.3	93.3	93.4
≥ 700	56.9	81.4	87.1	89.7	92.0	92.1	93.1	93.7	93.8	94.9	95.0	95.0	95.1	95.1	95.1	95.2
≥ 600	56.9	81.6	87.7	90.4	93.3	93.4	94.6	95.2	95.3	96.6	96.7	96.7	96.8	96.8	96.8	96.9
≥ 500	56.9	81.6	87.8	90.6	93.6	93.7	95.0	95.8	95.9	97.2	97.3	97.3	97.4	97.4	97.4	97.6
≥ 400	56.9	81.6	87.9	90.6	94.0	94.1	95.4	96.2	96.3	98.0	98.1	98.1	98.3	98.3	98.3	98.4
≥ 300	56.9	81.7	87.9	90.8	94.4	94.6	95.9	96.7	96.8	98.6	98.7	98.7	98.9	98.9	98.9	99.0
≥ 200	56.9	81.7	87.9	90.8	94.4	94.7	96.0	96.9	97.0	98.9	99.0	99.0	99.2	99.2	99.2	99.3
≥ 100	56.9	81.7	87.9	90.8	94.4	94.7	96.0	96.9	97.0	99.0	99.1	99.1	99.4	99.4	99.4	99.6
≥ 0	56.9	81.7	87.9	90.8	94.4	94.7	96.0	96.9	97.0	99.0	99.1	99.1	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

227 (STATION) WATERTOWN NY (STATION NAME) 74-83 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.4	24.0	24.4	25.0	26.2	26.2	26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.4	26.7
≥ 20000	25.3	27.8	28.3	29.1	30.4	30.4	30.4	30.4	30.4	30.6	30.6	30.6	30.6	30.6	30.7	30.9
≥ 18000	25.4	27.9	28.4	29.2	30.6	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.8	31.0
≥ 16000	25.4	27.9	28.4	29.2	30.6	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.8	31.0
≥ 14000	25.4	27.9	28.4	29.2	30.6	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.8	31.0
≥ 12000	25.4	28.1	28.7	29.4	30.8	30.8	30.8	30.8	30.8	30.9	30.9	30.9	30.9	30.9	31.0	31.2
≥ 10000	27.7	31.7	32.2	33.0	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.6	34.8
≥ 9000	27.7	31.7	32.2	33.0	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.6	34.8
≥ 8000	29.8	34.2	34.8	35.6	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.1	37.3
≥ 7000	30.7	35.1	35.7	36.4	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	38.0	38.2
≥ 6000	32.2	37.2	37.9	38.7	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.3	40.6
≥ 5000	35.9	41.9	42.9	43.8	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.4	45.7
≥ 4500	39.4	44.9	45.9	46.8	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.4	48.7
≥ 4000	42.2	51.0	52.7	53.9	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.6	55.8
≥ 3500	44.2	55.3	57.6	58.8	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.4	60.7
≥ 3000	48.6	62.1	64.6	66.2	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9	68.1
≥ 2500	50.9	66.2	69.1	70.9	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.6	72.8
≥ 2000	53.3	70.3	73.7	76.1	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.6	78.8
≥ 1800	53.7	71.2	74.7	77.2	79.3	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	80.0
≥ 1500	54.3	74.1	77.9	80.6	83.6	83.6	84.3	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.8	85.0
≥ 1200	54.7	75.4	79.9	82.4	85.6	85.7	87.2	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.7	87.9
≥ 1000	55.1	76.2	80.8	83.7	87.1	87.3	89.3	89.7	89.7	89.9	89.9	89.9	89.9	89.9	90.0	90.2
≥ 900	55.1	76.2	80.9	83.9	87.6	87.9	90.1	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.8	91.0
≥ 800	55.3	76.8	81.6	84.8	88.7	89.0	91.3	91.7	91.7	92.0	92.1	92.2	92.2	92.2	92.3	92.6
≥ 700	55.7	77.4	82.6	86.1	90.6	91.0	93.3	93.8	93.8	94.1	94.2	94.3	94.3	94.3	94.4	94.7
≥ 600	55.7	77.6	82.7	86.4	91.0	91.4	93.9	94.4	94.4	94.8	94.9	95.0	95.0	95.0	95.1	95.3
≥ 500	55.7	77.6	82.8	86.7	91.7	92.2	94.9	95.4	95.4	96.2	96.7	96.8	96.9	96.9	97.0	97.2
≥ 400	55.7	77.7	83.0	86.9	92.2	92.8	95.3	96.1	96.3	97.9	98.3	98.4	98.6	98.6	98.7	98.9
≥ 300	55.7	77.7	83.0	86.9	92.2	92.8	95.3	96.1	96.3	98.1	98.6	98.7	98.9	98.9	99.0	99.2
≥ 200	55.7	77.7	83.0	86.9	92.2	92.8	95.3	96.2	96.4	98.2	98.8	98.9	99.1	99.1	99.2	99.7
≥ 100	55.7	77.7	83.0	86.9	92.2	92.8	95.3	96.2	96.4	98.2	98.8	98.9	99.1	99.1	99.2	99.7
≥ 0	55.7	77.7	83.0	86.9	92.2	92.8	95.3	96.2	96.4	98.2	98.8	98.9	99.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

727 WATERTOWN NY (STATION / STATION NAME) — 74-83 (YEARS) — NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.9	21.2	21.7	22.0	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.7
≥ 20000	22.9	26.9	27.4	27.8	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.4
≥ 18000	22.9	26.9	27.4	27.8	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.4
≥ 16000	22.9	26.9	27.4	27.8	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.4
≥ 14000	23.1	27.3	27.9	28.2	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29.0
≥ 12000	23.3	28.1	28.7	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.8
≥ 10000	26.1	30.9	31.7	32.2	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0
≥ 9000	26.1	30.9	31.7	32.2	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0
≥ 8000	29.3	34.4	35.2	35.9	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.7
≥ 7000	29.3	35.7	36.4	37.1	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9
≥ 6000	31.2	36.0	38.9	39.6	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.6
≥ 5000	34.2	41.3	42.7	43.4	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.6
≥ 4500	35.2	43.9	44.9	45.7	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.8
≥ 4000	39.3	48.2	49.8	50.8	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9
≥ 3500	41.3	52.4	54.6	55.8	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.9
≥ 3000	44.9	57.1	60.0	61.4	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9
≥ 2500	49.8	63.3	67.0	68.6	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3
≥ 2000	51.4	66.9	71.1	73.0	74.8	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4
≥ 1800	51.9	68.0	72.2	74.3	76.1	76.4	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8
≥ 1500	54.0	71.3	76.6	78.9	80.8	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4
≥ 1200	54.4	72.3	77.9	80.4	82.6	83.0	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.9
≥ 1000	55.2	73.8	79.7	82.7	85.4	86.1	87.3	87.6	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.1
≥ 900	55.2	74.0	79.9	83.0	86.1	87.0	88.3	88.6	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.1
≥ 800	55.7	74.9	81.1	84.4	87.6	88.4	89.8	90.1	90.2	90.6	90.8	90.8	90.8	90.8	90.8	90.9
≥ 700	55.8	75.1	81.6	85.1	88.7	89.6	91.1	91.7	91.8	92.4	92.9	92.9	92.9	92.9	92.9	93.0
≥ 600	55.9	75.2	82.0	85.9	89.8	90.7	92.2	92.9	93.0	93.8	94.2	94.2	94.2	94.3	94.3	94.4
≥ 500	55.9	75.3	82.6	86.7	90.6	91.6	93.4	94.3	94.6	95.4	96.0	96.0	96.3	96.4	96.4	96.7
≥ 400	55.9	75.3	82.7	86.9	91.1	92.1	94.1	95.0	95.6	96.9	97.6	97.6	97.9	98.0	98.3	98.6
≥ 300	55.9	75.3	82.7	86.9	91.1	92.1	94.1	95.0	95.9	97.2	97.9	97.9	98.3	98.4	99.0	99.3
≥ 200	55.9	75.3	82.7	86.9	91.2	92.2	94.2	95.1	96.0	97.7	98.3	98.3	98.8	98.9	99.4	99.9
≥ 100	55.9	75.3	82.7	86.9	91.2	92.2	94.2	95.1	96.0	97.7	98.3	98.3	98.8	98.9	99.4	100.0
≥ 0	55.9	75.3	82.7	86.9	91.2	92.2	94.2	95.1	96.0	97.7	98.3	98.3	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

AL CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

227 — ATERTO NY (STATION NAME) — 74-83 (YEARS) — NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS)

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	22.8	23.2	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 20000	24.7	27.9	28.6	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 18000	24.7	28.1	28.8	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 16000	24.7	28.1	28.8	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 14000	25.6	29.0	29.7	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 12000	26.2	29.8	30.4	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 10000	29.4	32.7	33.6	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 9000	29.9	33.3	34.2	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 8000	31.7	37.4	38.4	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
≥ 7000	32.4	38.6	39.6	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 6000	34.0	40.2	41.2	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 5000	36.4	43.0	44.2	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
≥ 4500	37.1	44.3	45.6	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
≥ 4000	39.7	48.6	50.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 3500	42.4	52.2	53.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 3000	45.6	57.1	59.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 2500	[illegible]	65.2	68.4	70.0	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2000	53.1	69.9	73.9	76.2	77.1	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1800	54.9	70.9	75.1	77.6	78.4	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1500	57.0	74.7	79.6	82.3	83.8	84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	57.1	76.4	81.3	84.8	86.7	87.3	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	58.4	77.7	82.7	86.2	88.6	89.2	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	58.4	78.0	83.1	86.8	89.1	89.6	90.7	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	58.6	79.0	84.3	88.4	90.9	91.7	92.8	92.9	92.9	93.4	93.4	93.6	93.6	93.6	93.6	93.6
≥ 700	58.6	79.1	84.4	88.6	91.0	91.8	93.1	93.3	93.3	94.1	94.2	94.3	94.4	94.4	94.4	94.4
≥ 600	58.9	79.4	84.9	89.1	91.6	92.3	93.7	94.0	94.0	94.9	95.0	95.1	95.2	95.3	95.3	95.3
≥ 500	58.9	79.6	85.0	89.2	92.1	92.9	94.9	95.3	95.3	96.3	96.6	96.7	96.8	96.9	96.9	96.9
≥ 400	59.0	79.8	85.2	89.4	92.9	93.7	95.7	96.1	96.1	97.1	97.3	97.6	98.1	98.2	98.4	98.4
≥ 300	59.0	79.8	85.3	89.9	93.3	94.3	96.3	96.8	96.8	98.0	98.2	98.4	99.1	99.2	99.6	99.6
≥ 200	59.0	79.8	85.3	89.9	93.3	94.3	96.4	97.0	97.0	98.2	98.4	98.7	99.3	99.4	99.8	99.8
≥ 100	59.0	79.8	85.3	89.9	93.3	94.3	96.4	97.0	97.0	98.2	98.4	98.7	99.3	99.4	99.8	99.9
≥ 0	59.0	79.8	85.3	89.9	93.3	94.3	96.4	97.0	97.0	98.2	98.4	98.7	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

[illegible]27 WATERTOWN NY — STATION NAME — 74-83 — YEARS — NOV — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 — HOURS (L.S.T.)

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
	VISIBILITY STATUTE MILES															
NO CEILING	21.1	23.4	24.9	25.2	25.3	25.3	25.3	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 20000	25.7	28.9	30.0	30.4	30.6	30.6	30.6	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 18000	25.7	29.1	30.1	30.6	30.7	30.7	30.7	30.8	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 16000	25.8	29.1	30.1	30.6	30.7	30.7	30.7	30.8	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 14000	26.4	29.7	30.8	31.2	31.3	31.3	31.3	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 12000	27.1	30.6	31.7	32.1	32.2	32.2	32.2	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 10000	28.7	33.1	34.6	35.1	35.2	35.2	35.2	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 9000	29.6	33.8	35.2	35.8	35.9	35.9	35.9	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 8000	32.3	36.1	39.6	40.1	40.3	40.3	40.3	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 7000	33.1	37.2	40.3	41.3	41.6	41.6	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 6000	34.3	41.1	42.8	43.3	43.6	43.6	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 5000	35.9	42.9	44.7	45.2	45.4	45.4	45.4	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 4500	36.6	44.0	45.9	46.4	46.7	46.7	46.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 4000	37.4	47.9	50.3	50.9	51.1	51.1	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 3500	41.0	51.3	53.9	54.6	54.9	54.9	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 3000	45.1	57.2	60.6	61.3	61.8	61.8	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 2500	[illegible]	64.4	68.3	69.2	69.9	69.9	70.0	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 2000	52.3	67.0	73.9	75.8	76.7	76.7	76.9	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1800	53.7	70.8	75.9	78.0	79.0	79.0	79.2	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1500	54.7	73.6	79.1	81.6	82.9	82.9	83.4	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1200	55.4	75.3	81.3	84.7	86.4	86.7	87.6	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	55.9	76.7	83.4	87.3	89.4	89.7	90.6	91.2	91.4	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	56.1	77.4	84.2	88.1	90.2	90.6	91.6	92.2	92.4	92.9	93.0	93.0	93.2	93.2	93.2	93.2
≥ 800	56.2	77.6	84.4	88.6	90.7	91.1	92.2	93.0	93.2	93.7	93.8	93.8	94.0	94.0	94.0	94.0
≥ 700	56.3	78.2	85.1	89.3	91.4	91.9	93.0	93.8	94.0	94.6	94.8	94.8	95.0	95.0	95.0	95.0
≥ 600	56.3	78.3	85.2	90.0	92.2	92.7	93.8	94.9	95.1	95.7	96.1	96.1	96.7	96.7	96.7	96.7
≥ 500	56.3	78.4	85.4	90.3	92.9	93.3	94.4	95.7	96.0	96.7	97.2	97.2	97.9	97.9	97.9	97.9
≥ 400	56.3	78.6	85.6	90.7	93.4	94.1	95.2	96.4	96.8	97.4	98.1	98.1	98.9	98.9	98.9	98.9
≥ 300	56.3	78.6	85.7	90.8	93.7	94.4	95.7	96.9	97.2	98.0	98.8	98.8	99.6	99.6	99.7	99.7
≥ 200	56.9	78.6	85.7	90.8	93.7	94.4	95.8	97.0	97.3	98.1	98.9	98.9	99.7	99.7	99.8	99.9
≥ 100	56.9	78.6	85.7	90.8	93.7	94.4	95.8	97.0	97.3	98.1	98.9	98.9	99.7	99.7	99.9	100.0
≥ 0	56.9	78.6	85.7	90.8	93.7	94.4	95.8	97.0	97.3	98.1	98.9	98.9	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: [illegible]7 — STATION NAME: WATERTOWN NY — YEARS: 74-83 — MONTH: NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.4	26.1	27.0	27.2	27.3	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.8
≥ 20000	27.1	29.2	30.2	30.7	30.9	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.3
≥ 18000	27.1	29.2	30.2	30.7	30.9	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.3
≥ 16000	27.1	29.2	30.2	30.7	30.9	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.3
≥ 14000	27.2	29.4	30.4	30.9	31.1	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.6
≥ 12000	29.4	30.4	31.9	32.3	32.6	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1
≥ 10000	30.4	33.3	34.4	34.9	35.1	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7
≥ 9000	30.4	33.8	34.9	35.3	35.6	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.1
≥ 8000	33.4	37.6	38.7	39.1	39.3	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9
≥ 7000	34.3	38.8	39.9	40.3	40.6	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.1
≥ 6000	37.9	41.8	43.1	43.6	43.9	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3
≥ 5000	39.1	46.2	47.7	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9
≥ 4500	41.1	45.9	50.3	50.8	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.6
≥ 4000	44.3	53.9	55.7	56.1	56.3	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9
≥ 3500	47.9	58.6	61.0	61.4	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3
≥ 3000	52.3	67.6	70.4	71.0	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1
≥ 2500	55.9	73.3	77.3	77.9	78.6	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 2000	57.6	77.7	82.7	83.6	84.2	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 1800	58.1	79.2	84.4	85.6	86.2	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 1500	58.6	[illegible]	86.4	87.7	88.7	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 1200	58.7	82.0	88.2	89.7	91.1	91.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 1000	58.8	83.0	89.6	91.2	92.9	93.3	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 900	58.9	83.2	90.0	91.3	93.4	93.9	95.4	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0
≥ 800	59.1	83.8	90.8	92.6	94.2	94.7	96.3	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0
≥ 700	59.1	84.0	91.1	92.9	94.7	95.1	96.8	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.7
≥ 600	59.1	84.0	91.1	93.1	95.0	95.4	97.1	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	98.0
≥ 500	59.1	84.2	91.4	93.6	95.4	95.9	97.7	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.6
≥ 400	59.1	84.2	91.4	93.6	95.6	96.0	97.8	98.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.8
≥ 300	59.1	84.2	91.4	93.6	95.6	96.0	97.9	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.4
≥ 200	59.1	84.2	91.4	93.6	95.6	96.0	97.8	98.7	98.7	99.2	99.4	99.4	99.4	99.6	99.9	100.0
≥ 100	59.1	84.2	91.4	93.6	95.6	96.0	97.9	98.7	98.7	99.2	99.4	99.4	99.4	99.6	99.9	100.0
≥ 0	59.1	84.2	91.4	93.6	95.6	96.0	97.9	98.7	98.7	99.2	99.4	99.4	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 90[illegible]

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

[illegible]227 WATERTOWN NY | 74-83 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.7	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 20000	29.0	32.7	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 18000	29.0	32.7	33.6	33.6	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.[illegible]	32.7	33.6	33.6	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	29.3	33.0	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 12000	30.2	34.0	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 10000	31.2	35.6	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 9000	31.4	36.0	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
≥ 8000	34.1	39.0	40.1	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
≥ 7000	34.7	39.9	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 6000	36.9	42.8	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 5000	42.2	50.0	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 4500	44.7	52.9	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 4000	47.8	58.6	60.1	60.3	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 3500	51.2	63.4	65.2	65.8	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 3000	56.2	70.8	72.7	73.4	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 2500	57.4	74.3	76.4	77.4	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	59.1	78.8	82.2	83.2	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	59.2	79.8	83.6	84.6	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1500	59.6	81.1	85.3	86.6	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	59.9	82.8	87.6	89.1	90.1	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	59.9	83.7	89.1	91.1	92.3	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 900	59.9	83.9	89.4	91.7	92.9	93.1	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	60.1	84.4	90.6	92.9	94.3	94.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	60.1	84.7	90.8	93.2	94.7	94.9	96.0	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	60.1	84.8	90.9	93.3	95.0	95.3	96.4	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	60.1	84.8	91.2	93.8	95.7	96.0	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	60.1	84.8	91.2	93.8	95.7	96.0	97.2	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 300	60.1	84.8	91.2	93.8	95.7	96.0	97.7	98.4	98.4	99.0	99.0	99.0	99.2	99.2	99.3	99.3
≥ 200	60.1	84.8	91.2	93.8	95.7	96.0	97.7	98.4	98.4	99.1	99.2	99.2	99.4	99.4	99.6	99.6
≥ 100	60.1	84.8	91.2	93.8	95.7	96.0	97.7	98.4	98.4	99.1	99.2	99.2	99.7	99.7	99.9	99.9
≥ 0	60.1	84.8	91.2	93.8	95.7	96.0	97.7	98.4	98.4	99.1	99.2	99.2	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

?27 (STATION) WATERTOWN NY (STATION NAME) 74-83 (YEARS) NOV (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	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	23.9	26.0	26.6	26.9	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.4	27.5
≥ 20000	25.7	29.8	30.6	31.1	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.6
≥ 18000	26.9	29.9	30.6	31.1	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.6
≥ 16000	26.9	29.9	30.6	31.1	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.6
≥ 14000	27.1	30.3	31.0	31.4	31.8	31.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	32.0
≥ 12000	27.6	30.9	31.7	32.1	32.4	32.5	32.5	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.7
≥ 10000	29.7	33.8	34.6	35.1	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6	35.7
≥ 9000	29.9	34.1	34.9	35.4	35.7	35.8	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	36.0
≥ 8000	32.4	37.4	38.3	38.8	39.1	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.4
≥ 7000	33.1	38.4	39.3	39.8	40.1	40.2	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.4
≥ 6000	34.9	40.9	41.9	42.4	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.1
≥ 5000	35.3	45.3	46.4	47.1	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.7
≥ 4500	40.0	47.7	48.9	49.5	49.9	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.2
≥ 4000	43.1	52.4	54.0	54.7	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.4
≥ 3500	46.0	57.1	59.1	59.9	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.7
≥ 3000	50.0	63.5	65.9	67.0	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.8
≥ 2500	52.9	68.7	71.8	72.9	73.6	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0
≥ 2000	55.3	73.6	77.5	79.1	80.1	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 1800	55.6	74.7	78.8	80.5	81.6	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.3
≥ 1500	56.7	76.8	81.5	83.5	84.9	85.1	85.5	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.9
≥ 1200	57.2	78.2	83.3	85.6	87.3	87.6	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.9	89.0
≥ 1000	57.5	79.3	84.7	87.3	89.4	89.7	90.8	91.1	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.6
≥ 900	57.5	79.5	85.1	87.8	90.0	90.4	91.5	91.8	91.9	92.3	92.3	92.3	92.3	92.3	92.4	92.5
≥ 800	57.7	80.1	86.0	88.9	91.2	91.6	92.9	93.3	93.3	93.8	93.9	93.9	93.9	93.9	94.0	94.1
≥ 700	57.9	80.5	86.5	89.6	92.1	92.5	93.9	94.3	94.4	94.9	95.1	95.1	95.2	95.2	95.2	95.3
≥ 600	58.0	80.6	86.8	90.1	92.8	93.2	94.6	95.2	95.3	95.9	96.0	96.1	96.2	96.2	96.3	96.3
≥ 500	58.0	80.6	87.0	90.4	93.3	93.7	95.4	96.1	96.2	96.9	97.2	97.2	97.4	97.4	97.5	97.6
≥ 400	58.0	80.7	87.1	90.6	93.8	94.3	95.9	96.6	96.8	97.8	98.1	98.1	98.4	98.4	98.6	98.7
≥ 300	58.0	80.7	87.1	90.7	93.9	94.4	96.2	97.0	97.2	98.3	98.6	98.7	99.0	99.1	99.3	99.4
≥ 200	58.0	80.7	87.1	90.7	93.9	94.5	96.3	97.1	97.3	98.6	98.9	98.9	99.3	99.3	99.6	99.7
≥ 100	58.0	80.7	87.1	90.7	93.9	94.5	96.3	97.1	97.3	98.6	98.9	98.9	99.4	99.4	99.7	99.8
≥ 0	58.0	80.7	87.1	90.7	93.9	94.5	96.3	97.1	97.3	98.6	98.9	99.0	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

STATION	STATION NAME	YEARS	MONTH
7 227	WATERTOWN NY	74-83	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST): 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	[illegible]	[illegible]	[illegible]	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
≥ 20000	[illegible]	27.8	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 18000	[illegible]	27.8	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 16000	[illegible]	27.8	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 14000	[illegible]	28.2	28.4	28.4	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	[illegible]	28.7	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	29.0
≥ 10000	[illegible]	30.4	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 9000	28.2	30.6	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 8000	29.5	32.4	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	32.8
≥ 7000	30.1	33.2	33.5	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
≥ 6000	[illegible]	35.7	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 5000	36.0	41.3	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 4500	37.9	44.0	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4000	41.9	49.8	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 3500	43.9	52.6	53.8	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 3000	49.1	61.9	64.0	64.4	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 2500	51.2	67.2	69.9	70.8	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 2000	52.6	72.9	76.5	77.8	78.8	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1800	52.7	73.8	77.3	79.1	80.2	80.2	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1500	53.2	76.9	81.0	83.1	84.4	84.5	85.1	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1200	53.3	77.3	81.9	84.6	86.3	86.5	87.2	87.4	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	53.7	78.4	83.3	86.5	88.7	88.9	90.4	91.0	91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	53.7	78.6	84.0	87.1	89.5	89.7	91.2	91.9	92.0	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	53.7	78.7	84.1	87.4	89.9	90.1	91.9	92.7	92.8	93.8	94.0	94.0	94.1	94.1	94.1	94.1
≥ 700	53.7	78.7	84.2	87.6	90.2	90.4	92.3	93.0	93.1	94.2	94.5	94.5	94.6	94.6	94.6	94.6
≥ 600	53.7	79.1	84.7	88.2	90.9	91.2	93.1	94.0	94.1	95.2	95.5	95.5	95.6	95.6	95.6	95.6
≥ 500	53.7	79.1	84.7	88.2	90.9	91.3	93.4	94.5	94.6	96.2	96.6	96.6	96.9	96.9	96.9	96.9
≥ 400	53.7	79.1	84.7	88.2	90.9	91.4	93.8	94.8	94.9	96.6	96.9	96.9	97.7	97.7	97.7	97.7
≥ 300	53.7	79.1	84.7	88.2	91.0	91.5	93.9	95.1	95.2	96.8	97.1	97.2	98.3	98.3	98.3	98.3
≥ 200	53.7	79.1	84.7	88.2	91.0	91.5	93.9	95.1	95.2	96.9	97.2	97.3	98.6	98.6	98.9	98.9
≥ 100	53.7	79.1	84.7	88.2	91.0	91.5	93.9	95.1	95.2	96.9	97.2	97.3	98.7	98.7	99.2	99.4
≥ 0	53.7	79.1	84.7	88.2	91.0	91.5	93.9	95.1	95.2	96.9	97.2	97.3	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

L?BAL CLIMATOLOGY BRANCH
?ETAC
AI? WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

?227 STATION | WATERTOWN NY STATION NAME | 74-83 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) ?700-2500

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	26.9	27.3	27.4	27.5	27.5	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 20000	[illegible]	[illegible]	28.4	28.5	28.6	28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 18000	[illegible]	26.0	26.4	28.5	28.6	28.6	28.6	28.6	28.6	28.7	28.7	26.7	25.7	26.7	28.7	28.7
≥ 16000	[illegible]	26.0	28.4	28.5	[illegible]	28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 14000	26.2	[illegible]	28.4	28.5	28.6	28.6	28.6	28.6	28.6	26.7	28.7	26.7	28.7	26.7	28.7	28.7
≥ 12000	26.3	28.2	28.6	28.7	28.8	28.8	28.8	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 10000	29.7	30.9	31.3	31.4	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 9000	29.7	[illegible]	31.3	31.4	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 8000	29.9	33.1	33.5	33.7	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 7000	29.9	33.1	33.5	33.7	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 6000	31.9	35.5	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 5000	35.7	[illegible]	40.9	41.2	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 4500	37.6	42.6	43.3	43.8	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 4000	41.2	47.2	48.6	49.2	49.5	49.5	49.5	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 3500	44.7	51.7	53.4	54.2	54.6	54.6	54.6	54.6	54.6	54.8	54.6	54.8	54.8	54.8	54.8	54.6
≥ 3000	[illegible]	59.1	62.3	63.4	64.3	64.3	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2500	[illegible]	65.5	69.4	70.8	71.9	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 2000	51.9	[illegible]	75.4	77.1	78.6	78.6	78.9	78.9	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1800	52.2	72.3	77.2	79.0	81.0	81.0	81.3	81.3	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1500	52.7	75.4	80.5	82.8	85.5	85.5	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	52.9	76.7	82.7	84.5	87.6	87.6	88.1	88.3	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1000	53.0	77.0	83.1	85.6	88.8	88.9	89.5	89.9	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900	[illegible]	77.4	83.5	86.1	89.5	89.6	90.1	90.5	90.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 800	53.1	77.6	84.0	86.7	90.1	90.2	90.9	91.3	91.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0
≥ 700	53.1	78.0	84.3	87.2	90.6	90.8	91.6	92.2	92.2	93.8	94.0	94.0	94.1	94.1	94.1	94.1
≥ 600	53.1	78.2	84.5	87.5	91.1	91.2	92.3	92.9	92.9	94.8	95.1	95.2	95.3	95.3	95.3	95.3
≥ 500	53.1	78.4	84.8	87.8	91.4	91.6	92.7	93.3	93.3	95.6	96.0	96.1	96.3	96.3	96.3	96.3
≥ 400	53.1	78.4	84.9	88.0	91.6	91.8	93.3	94.1	94.1	96.3	97.0	97.1	97.6	97.6	97.6	97.6
≥ 300	53.1	78.4	84.9	88.0	91.6	91.8	93.3	94.1	94.1	96.5	97.2	97.4	98.2	98.3	98.3	98.3
≥ 200	53.1	78.4	84.9	88.0	91.6	91.8	93.3	94.1	94.1	96.5	97.2	97.4	98.4	98.7	99.1	99.1
≥ 100	53.1	78.4	84.9	88.0	91.6	91.8	93.3	94.1	94.1	96.5	97.2	97.4	98.4	98.7	99.2	99.4
≥ 0	53.1	78.4	84.9	88.0	91.6	91.8	93.3	94.1	94.1	96.5	97.2	97.4	98.4	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 93?

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

227 — WATERTOWN NY — 74-83 — DEC
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	[illegible]	24.7	25.5	25.5	25.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 20000	25.1	27.5	28.1	28.1	28.2	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 18000	25.1	27.5	28.1	28.1	28.2	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 16000	25.1	27.5	28.1	28.1	28.2	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 14000	25.4	27.8	28.4	28.4	28.5	28.5	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 12000	25.6	28.2	28.7	28.7	28.8	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 10000	27.5	30.3	30.9	31.0	31.1	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 9000	27.6	30.4	31.0	31.1	31.2	31.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 8000	29.2	32.4	33.0	33.2	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7
≥ 7000	29.5	32.9	33.5	33.9	34.0	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.3	34.3
≥ 6000	30.9	34.6	35.4	35.7	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.1	36.1
≥ 5000	34.3	39.8	40.6	41.1	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.5	41.5
≥ 4500	35.6	41.5	42.4	42.8	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.2
≥ 4000	39.8	46.3	47.3	47.8	48.2	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7
≥ 3500	42.3	51.2	52.6	53.1	53.4	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
≥ 3000	46.3	57.4	59.4	60.1	60.5	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
≥ 2500	49.3	62.9	66.1	67.4	68.4	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 2000	51.4	68.1	72.8	75.1	76.7	76.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0
≥ 1800	51.7	69.6	74.8	77.1	79.1	79.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6
≥ 1500	52.9	71.8	77.7	80.2	82.9	83.4	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 1200	52.9	73.3	79.8	82.4	85.4	86.0	87.7	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.4
≥ 1000	52.9	73.9	80.6	83.7	87.0	87.6	89.7	90.0	90.0	90.6	90.6	90.6	90.6	90.6	90.8	90.8
≥ 900	52.9	74.4	81.2	84.2	87.6	88.3	90.4	91.0	91.0	91.8	91.8	91.8	91.8	91.8	91.9	91.9
≥ 800	52.9	74.5	81.7	84.8	88.4	89.0	91.4	91.9	91.9	93.3	93.3	93.3	93.4	93.4	93.7	93.7
≥ 700	52.9	74.7	82.0	85.5	89.2	89.9	92.3	92.8	92.8	94.2	94.3	94.3	94.4	94.4	94.6	94.6
≥ 600	52.9	74.7	82.3	85.8	89.7	90.3	92.7	93.3	93.3	94.9	95.2	95.2	95.4	95.4	95.6	95.6
≥ 500	52.9	74.7	82.4	86.0	89.9	90.5	93.1	93.8	93.8	95.9	96.2	96.2	96.8	96.8	97.0	97.0
≥ 400	52.9	74.7	82.4	86.1	90.1	90.8	93.3	94.0	94.0	96.5	96.9	96.9	98.0	98.0	98.3	98.3
≥ 300	52.9	74.7	82.4	86.1	90.1	90.8	93.3	94.0	94.1	96.7	97.2	97.2	98.3	98.3	98.8	98.8
≥ 200	52.9	74.7	82.4	86.1	90.1	90.8	93.3	94.1	94.2	96.8	97.3	97.3	98.5	98.6	99.2	99.2
≥ 100	52.9	74.7	82.4	86.1	90.1	90.8	93.3	94.1	94.2	96.8	97.3	97.3	98.5	98.6	99.6	99.7
≥ 0	52.9	74.7	82.4	86.1	90.1	90.8	93.3	94.1	94.2	96.8	97.3	97.3	98.5	98.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

CL RAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

..227 WATERTOWN NY — STATION NAME — 74-83 — YEARS — DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.[illegible]	21.0	21.6	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 20000	22.3	24.4	25.1	25.4	25.4	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 18000	22.3	24.4	25.1	25.4	25.4	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 16000	22.3	24.4	25.1	25.4	25.4	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 14000	23.1	25.4	26.0	26.3	26.3	26.3	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 12000	23.4	26.1	26.8	27.1	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 10000	26.5	30.1	30.8	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 9000	26.8	30.4	31.1	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 8000	29.9	34.1	34.8	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6	35.6
≥ 7000	30.2	34.6	35.4	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.1	36.1	36.1	36.1
≥ 6000	31.7	35.5	36.2	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0
≥ 5000	34.1	40.1	41.1	42.2	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5
≥ 4500	34.6	41.3	42.3	43.3	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7
≥ 4000	37.3	45.7	47.1	48.6	49.0	49.0	49.1	49.2	49.2	49.4	49.5	49.5	49.6	49.6	49.6	49.6
≥ 3500	39.9	48.0	49.6	51.4	51.8	51.9	52.0	52.3	52.3	52.5	52.6	52.6	52.7	52.7	52.7	52.7
≥ 3000	42.3	54.7	57.1	59.8	60.5	60.6	60.9	61.1	61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.5
≥ 2500	46.5	60.4	63.7	67.4	68.9	69.2	69.8	70.0	70.0	70.3	70.4	70.4	70.5	70.5	70.5	70.5
≥ 2000	47.3	63.4	67.1	71.1	74.1	74.6	75.7	76.0	76.0	76.3	76.5	76.5	76.6	76.6	76.6	76.6
≥ 1800	47.5	64.2	68.3	73.2	75.6	76.1	77.3	77.7	77.7	78.2	78.3	78.3	78.4	78.4	78.4	78.4
≥ 1500	48.0	65.3	70.4	75.8	79.1	79.8	81.4	82.0	82.0	82.8	83.0	83.1	83.2	83.2	83.2	83.2
≥ 1200	48.7	66.6	72.7	77.8	81.9	82.8	84.6	85.6	85.6	86.3	86.7	86.8	87.0	87.0	87.0	87.0
≥ 1000	49.9	67.5	73.2	79.1	83.5	84.5	87.0	88.6	88.8	89.8	90.1	90.2	90.5	90.5	90.5	90.5
≥ 900	49.9	67.7	73.4	79.5	83.9	84.8	87.5	89.2	89.6	90.8	91.2	91.3	91.7	91.7	91.7	91.7
≥ 800	49.0	68.0	73.8	79.8	84.4	85.5	88.4	90.2	90.5	92.6	93.0	93.2	93.9	93.9	93.9	93.9
≥ 700	49.7	68.0	73.9	80.1	84.7	85.8	88.8	90.6	91.0	93.0	93.5	93.8	94.4	94.4	94.4	94.4
≥ 600	49.0	68.1	74.0	80.4	85.1	86.1	89.2	91.2	91.5	93.8	94.4	94.6	95.5	95.5	95.5	95.5
≥ 500	49.0	68.1	74.0	80.9	85.5	86.7	89.9	91.9	92.3	94.8	95.6	95.9	97.5	97.6	98.0	98.0
≥ 400	49.0	68.2	74.1	81.1	85.8	87.0	90.4	92.7	93.0	95.6	96.5	96.8	98.4	98.5	99.0	99.0
≥ 300	49.0	68.2	74.1	81.1	85.8	87.0	90.4	92.7	93.0	95.6	96.5	96.8	98.6	98.7	99.2	99.2
≥ 200	49.0	68.2	74.1	81.1	85.9	87.0	90.4	92.7	93.0	95.6	96.5	96.8	98.6	98.8	99.5	99.5
≥ 100	49.0	68.2	74.1	81.1	85.8	87.0	90.4	92.7	93.0	95.6	96.5	96.8	98.6	98.8	99.6	99.7
≥ 0	49.0	68.2	74.1	81.1	85.8	87.0	90.4	92.7	93.0	95.6	96.5	96.8	98.6	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

72[illegible]27 WATERTOWN NY — STATION / STATION NAME
74-83 — YEARS
DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 — HOURS (L.S.T.)

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	21.1	23.7	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
≥ 20000	24.[illegible]	28.1	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 18000	24.1	28.1	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 16000	25.0	28.1	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 14000	26.1	28.4	28.7	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
≥ 12000	27.3	29.8	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 10000	30.0	32.7	33.0	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
≥ 9000	30.2	32.9	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 8000	31.9	36.0	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 7000	33.4	37.6	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
≥ 6000	35.1	39.6	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 5000	37.3	43.3	44.0	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 4500	37.8	44.1	44.7	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
≥ 4000	39.9	48.3	49.0	49.8	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3500	41.5	50.9	52.0	53.0	53.0	53.0	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 3000	45.1	55.4	57.2	58.7	58.7	58.7	59.0	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 2500	47.7	59.9	62.5	65.1	65.7	65.7	66.0	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 2000	48.9	64.0	67.3	71.2	72.8	72.9	73.5	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1800	49.1	64.4	67.7	71.9	73.5	73.7	74.4	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1500	49.5	66.0	69.7	74.5	76.8	77.0	78.2	79.0	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1200	50.1	67.6	72.0	77.4	80.6	80.9	82.9	84.1	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1000	50.4	68.5	73.1	78.7	82.8	83.1	85.6	87.4	87.6	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 900	50.4	68.6	73.2	78.8	82.9	83.4	86.1	88.2	88.4	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	50.4	68.6	73.4	79.2	83.8	84.5	87.3	89.7	90.0	92.8	93.1	93.3	93.5	93.5	93.5	93.5
≥ 700	50.4	68.6	73.4	79.2	83.8	84.5	87.4	89.8	90.1	93.0	93.7	93.9	94.1	94.1	94.1	94.1
≥ 600	50.4	68.6	73.4	79.2	83.9	84.6	87.5	89.9	90.2	93.2	94.0	94.2	94.6	94.7	94.7	94.7
≥ 500	[illegible].4	68.6	73.4	79.2	84.0	84.7	87.7	90.3	90.6	94.2	95.3	95.5	96.8	97.0	97.1	97.1
≥ 400	50.4	68.8	73.7	79.7	84.5	85.4	88.4	91.1	91.4	95.2	96.3	96.6	98.3	98.5	98.6	98.6
≥ 300	50.4	68.8	73.7	79.7	84.5	85.4	88.4	91.1	91.4	95.5	96.7	96.9	98.8	99.1	99.4	99.4
≥ 200	50.4	68.8	73.7	79.7	84.5	85.4	88.4	91.1	91.4	95.5	96.7	96.9	98.8	99.1	99.6	99.8
≥ 100	50.4	68.8	73.7	79.7	84.5	85.4	88.4	91.1	91.4	95.5	96.7	96.9	98.8	99.1	99.7	99.9
≥ 0	50.4	68.8	73.7	79.7	84.5	85.4	88.4	91.1	91.4	95.5	96.7	96.9	98.8	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

GL ?AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 227 ATERTOWN NY — STATION / STATION NAME — 74-63 YEARS — DEC 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	19.3	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 20000	23.3	27.2	27.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 18000	23.7	27.3	27.8	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 16000	23.7	27.3	27.8	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 14000	23.9	27.9	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 12000	25.7	29.5	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 10000	29.9	33.2	34.0	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	29.9	33.2	34.0	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	30.4	35.5	36.2	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 7000	31.0	36.0	36.8	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
≥ 6000	33.0	36.4	39.1	39.8	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	35.4	41.4	42.6	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
≥ 4500	35.9	42.4	43.7	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
≥ 4000	38.8	47.4	49.1	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 3500	40.0	49.5	51.5	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 3000	43.1	54.0	56.5	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 2500	46.6	59.8	63.0	64.6	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 2000	49.7	63.8	68.5	71.1	71.9	72.3	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1800	49.7	64.3	69.2	71.9	73.0	73.3	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1500	49.8	67.1	73.2	77.2	78.7	79.2	80.1	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1200	50.2	68.1	74.8	79.6	81.7	82.7	84.0	85.1	85.1	85.5	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1000	50.2	68.7	75.8	81.0	84.0	85.1	87.0	88.6	88.7	90.2	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	50.2	68.7	75.8	81.0	84.0	85.3	87.4	89.0	89.1	90.8	91.5	91.5	91.5	91.5	91.5	91.5
≥ 800	50.2	68.8	76.1	81.3	84.6	86.0	88.5	90.1	90.2	92.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	50.2	68.8	76.1	81.5	84.9	86.3	88.8	90.5	90.6	93.1	94.3	94.3	94.5	94.5	94.5	94.5
≥ 600	50.2	69.0	76.5	81.9	85.8	87.2	89.8	91.7	91.8	94.4	95.7	95.7	95.9	95.9	95.9	95.9
≥ 500	50.2	69.0	76.5	81.9	85.9	87.3	89.9	92.2	92.3	95.2	96.7	96.7	97.3	97.3	97.5	97.5
≥ 400	50.2	69.0	76.5	82.0	86.0	87.4	90.0	92.3	92.4	95.3	96.8	96.9	98.1	98.1	98.4	98.4
≥ 300	50.2	69.0	76.5	82.0	86.0	87.4	90.0	92.3	92.4	95.4	97.0	97.1	98.5	98.8	99.1	99.1
≥ 200	50.2	69.0	76.5	82.0	86.0	87.4	90.0	92.3	92.4	95.4	97.3	97.4	98.8	99.1	99.6	99.6
≥ 100	50.2	69.0	76.5	82.0	86.0	87.4	90.0	92.3	92.4	95.4	97.3	97.4	98.8	99.1	99.6	99.9
≥ 0	50.2	69.0	76.5	82.0	86.0	87.4	90.0	92.3	92.4	95.4	97.3	97.4	98.8	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726227 — WATERTOWN NY — 74-83 — DEC
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	22.2	23.7	23.8	23.9	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.4	24.4	24.4	24.4
≥ 20000	24.4	26.3	26.5	26.6	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9	27.0	27.0	27.0	27.0
≥ 18000	24.4	26.3	26.5	26.6	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9	27.0	27.0	27.0	27.0
≥ 16000	24.4	26.3	26.5	26.6	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9	27.0	27.0	27.0	27.0
≥ 14000	25.2	26.9	27.2	27.3	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.7	27.7	27.7	27.7
≥ 12000	27.2	28.9	29.1	29.2	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.6	29.6	29.6	29.6
≥ 10000	29.6	31.9	32.1	32.2	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.7	32.7	32.7	32.7
≥ 9000	29.7	32.0	32.2	32.3	32.5	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8
≥ 8000	31.5	35.3	35.7	35.9	36.1	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3
≥ 7000	31.7	35.6	35.9	36.1	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5
≥ 6000	32.9	37.8	38.3	38.5	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9	38.9
≥ 5000	35.6	41.3	41.8	42.0	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.5	42.5	42.5	42.5
≥ 4500	37.1	43.8	44.4	44.7	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3
≥ 4000	40.0	48.4	49.1	49.5	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0
≥ 3500	43.4	53.6	54.5	55.0	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5
≥ 3000	47.7	60.2	61.9	62.7	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8
≥ 2500	49.1	65.8	68.0	69.3	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5
≥ 2000	50.6	70.9	74.5	76.3	77.6	77.7	77.7	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0
≥ 1800	51.2	72.5	76.4	78.4	79.7	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 1500	51.5	74.8	79.5	82.7	84.6	84.9	85.3	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 1200	51.5	75.3	80.6	83.9	86.5	87.1	87.8	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 1000	51.5	75.8	81.4	84.8	88.0	88.7	90.2	90.7	90.8	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 900	51.5	75.9	81.8	85.3	88.6	89.2	90.8	91.5	91.6	92.1	92.2	92.2	92.5	92.5	92.5	92.5
≥ 800	51.5	75.9	81.8	85.5	88.8	89.4	91.1	91.9	92.0	92.8	93.1	93.1	93.4	93.4	93.4	93.4
≥ 700	51.5	76.0	82.0	85.9	89.5	90.2	91.8	92.8	92.9	93.8	94.1	94.1	94.4	94.4	94.4	94.4
≥ 600	51.5	76.2	82.3	86.2	90.2	90.8	92.5	93.5	93.6	94.6	95.2	95.2	95.7	95.7	95.7	95.7
≥ 500	51.5	76.3	82.4	86.6	90.7	91.4	93.0	94.2	94.4	95.6	96.3	96.4	97.3	97.3	97.3	97.3
≥ 400	51.5	76.3	82.5	86.7	90.9	91.6	93.2	94.4	94.6	95.9	96.9	97.1	98.3	98.4	98.4	98.4
≥ 300	51.5	76.3	82.7	86.9	91.1	91.7	93.3	94.5	94.7	96.1	97.1	97.3	98.9	99.1	99.1	99.1
≥ 200	51.5	76.3	82.7	86.9	91.1	91.7	93.3	94.5	94.7	96.1	97.1	97.3	99.0	99.2	99.6	99.7
≥ 100	51.5	76.3	82.7	86.9	91.1	91.7	93.3	94.5	94.7	96.1	97.1	97.3	99.0	99.2	99.8	100.0
≥ 0	51.5	76.3	82.7	86.9	91.1	91.7	93.3	94.5	94.7	96.1	97.1	97.3	99.0	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 926

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

L RAL CLIMATOLOGY BRANCH
ETAC
AI EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

227 (STATION) WATERTOWN NY (STATION NAME) 74-83 (YEARS) DEC (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	27.4	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	27.6	27.6
≥ 20000	29.2	29.7	29.7	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 18000	29.2	29.7	29.7	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 16000	29.2	29.7	29.7	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 14000	29.4	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 12000	29.7	30.4	30.4	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 10000	30.5	32.9	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
≥ 9000	30.7	33.1	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 8000	32.9	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 7000	33.3	36.6	36.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 6000	34.6	39.9	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 5000	37.9	44.0	44.2	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4500	39.5	46.4	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
≥ 4000	42.9	51.6	51.8	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 3500	45.7	56.7	57.4	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 3000	49.2	62.7	63.9	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 2500	51.9	66.3	70.2	71.1	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2000	52.3	74.2	77.0	78.7	79.5	79.6	79.9	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1800	52.9	75.2	78.2	80.3	81.3	81.6	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1500	53.4	78.1	81.7	83.8	85.2	85.4	85.8	86.1	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	53.4	78.9	83.0	85.7	87.5	87.7	88.3	88.8	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	53.4	79.2	83.6	86.3	88.5	88.8	89.6	90.3	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	53.4	79.3	83.8	86.8	89.0	89.3	90.4	91.2	91.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	53.6	79.5	84.0	87.5	89.8	90.1	91.3	92.4	92.6	94.1	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	53.6	79.6	84.3	87.7	90.5	90.8	92.2	93.4	93.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	53.6	79.6	84.3	87.7	90.8	91.2	92.6	93.7	93.9	95.9	96.1	96.1	96.4	96.4	96.4	96.4
≥ 500	53.6	79.6	84.5	88.1	91.4	91.7	93.2	94.6	94.7	97.2	97.5	97.5	98.0	98.0	98.0	98.0
≥ 400	53.6	79.7	84.7	88.3	91.7	92.0	93.7	95.1	95.3	97.7	98.1	98.1	98.7	98.8	98.8	98.8
≥ 300	53.6	79.7	84.7	88.3	91.7	92.0	93.7	95.1	95.3	97.7	98.2	98.2	99.1	99.4	99.4	99.4
≥ 200	53.6	79.7	84.7	88.3	91.7	92.0	93.7	95.1	95.3	97.7	98.2	98.2	99.1	99.4	99.4	99.4
≥ 100	53.6	79.7	84.7	88.3	91.7	92.0	93.7	95.1	95.3	97.7	98.2	98.2	99.1	99.4	99.6	99.6
≥ 0	53.6	79.7	84.7	88.3	91.7	92.0	93.7	95.1	95.3	97.7	98.2	98.2	99.1	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

STATION	STATION NAME	YEARS	MONTH
[illegible]227	WATERTOWN NY	74-83	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS: 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	[illegible]	24.6	24.9	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.2	25.2
≥ 20000	[illegible]	27.4	27.7	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 18000	[illegible]	27.4	27.7	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 16000	[illegible]	27.4	27.7	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 14000	[illegible]	27.8	28.2	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 12000	[illegible]	28.7	29.1	29.2	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 10000	[illegible]	31.6	31.9	32.1	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 9000	[illegible]	31.7	32.1	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 8000	[illegible]	34.4	[illegible]	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3
≥ 7000	31.1	35.0	35.4	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.9	35.9
≥ 6000	[illegible]	37.1	37.6	37.9	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 5000	[illegible]	41.4	42.1	42.5	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 4500	[illegible]	43.2	44.0	44.4	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.7
≥ 4000	40.1	46.1	49.1	49.7	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 3500	42.6	51.8	53.1	53.8	54.1	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4
≥ 3000	44.4	58.2	60.2	61.4	61.9	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
≥ 2500	[illegible]	63.7	66.6	68.3	69.2	69.3	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2000	50.5	68.5	72.4	74.9	76.2	76.4	76.9	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1800	[illegible]	69.5	73.7	76.4	77.9	78.1	78.7	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1500	51.4	71.9	76.7	80.0	82.2	82.5	83.3	83.7	83.7	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 1200	51.6	73.0	78.3	82.0	84.7	85.2	86.3	86.9	87.0	87.5	87.5	87.6	87.6	87.6	87.6	87.6
≥ 1000	51.9	73.6	[illegible]	83.2	86.4	87.0	88.6	89.6	89.7	90.6	90.8	90.8	90.8	90.8	90.8	90.8
≥ 900	51.9	73.8	79.6	83.6	86.9	87.5	89.3	90.3	90.4	91.6	91.8	91.8	91.9	91.9	91.9	91.9
≥ 800	51.9	73.9	79.9	84.0	87.5	88.1	90.1	91.3	91.4	93.0	93.4	93.5	93.6	93.6	93.7	93.7
≥ 700	51.9	74.0	[illegible]	84.3	87.9	88.6	90.7	91.9	92.0	93.8	94.3	94.3	94.5	94.5	94.6	94.6
≥ 600	51.9	74.2	80.2	84.6	88.4	89.1	91.2	92.5	92.7	94.6	95.1	95.2	95.5	95.6	95.6	95.6
≥ 500	51.9	74.2	80.3	84.9	88.7	89.4	91.6	93.1	93.2	95.6	96.3	96.4	97.1	97.1	97.3	97.3
≥ 400	51.9	74.3	80.4	85.0	88.9	89.7	92.0	93.6	93.7	96.1	96.9	97.0	98.1	98.2	98.4	98.4
≥ 300	51.9	74.3	80.4	85.0	89.0	89.7	92.1	93.6	93.8	96.3	97.1	97.3	98.6	98.7	99.0	99.0
≥ 200	51.9	74.3	80.4	85.0	89.0	89.7	92.1	93.6	93.8	96.3	97.2	97.3	98.7	99.0	99.4	99.4
≥ 100	51.9	74.3	80.4	85.0	89.0	89.7	92.1	93.6	93.8	96.3	97.2	97.3	98.7	99.0	99.5	99.7
≥ 0	51.9	74.3	80.4	85.0	89.0	89.7	92.1	93.6	93.8	96.3	97.2	97.3	98.7	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

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

.L PAL CLIMATOLOGY BRANCH
ATETAC
A. .EAT .R SERVICE/MAC

CEILING VERSUS VISIBILITY

.227 ATERTOWN NY — STATION NAME — 74-83 YEARS — ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2 .	≥2	≥1	≥1 .	≥1	≥ .	≥ .	≥	≥5/16	≥ .	≥0
NO CEILING	33.2	38.5	39.9	40.7	41.3	41.4	41.5	41.5	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.8
≥ 20000	36.3	42.5	44.0	45.1	45.8	45.8	46.0	46.1	46.0	46.1	46.1	46.1	46.2	46.2	46.2	46.3
≥ 18000	36.3	42.6	44.1	45.1	45.9	45.9	46.0	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.3
≥ 16000	36.3	42.6	44.1	45.1	45.8	45.9	46.0	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.3
≥ 14000	36.7	43.1	44.6	45.7	46.4	46.4	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.8	46.8	46.9
≥ 12000	37.6	44.3	45.8	46.9	47.7	47.7	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.1	48.1
≥ 10000	37.9	47.4	49.1	50.4	51.2	51.3	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.7	51.7
≥ 9000	40.1	47.7	49.4	50.7	51.5	51.6	51.8	51.8	51.8	51.9	51.9	51.9	51.9	52.0	52.0	52.0
≥ 8000	42.7	50.7	52.6	54.1	54.9	55.0	55.2	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.5
≥ 7000	42.9	51.5	53.5	55.1	55.9	55.9	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.4
≥ 6000	43.7	53.2	55.3	56.9	57.8	57.9	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.4
≥ 5000	45.9	56.7	59.2	60.9	61.9	62.0	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.5	62.5
≥ 4500	46.9	58.2	60.8	62.5	63.6	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2
≥ 4000	49.0	61.6	64.5	66.5	67.7	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.4
≥ 3500	50.7	64.5	67.6	69.7	71.0	71.1	71.4	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.8
≥ 3000	52.9	68.3	71.8	74.3	75.8	75.9	76.2	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.6	76.6
≥ 2500	54.4	71.5	75.5	78.2	80.0	80.2	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.9	80.9	81.0
≥ 2000	55.7	74.4	78.9	82.0	84.1	84.4	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.4
≥ 1800	55.9	75.0	79.6	82.8	85.0	85.3	85.8	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.3	86.3
≥ 1500	56.5	76.5	81.6	85.1	87.6	87.9	88.6	88.9	88.9	89.1	89.2	89.2	89.2	89.2	89.3	89.3
≥ 1200	56.8	77.5	82.9	86.6	89.4	89.7	90.7	91.1	91.1	91.4	91.4	91.4	91.5	91.5	91.6	91.6
≥ 1000	57.0	78.1	83.8	87.7	90.8	91.2	92.4	92.9	93.0	93.4	93.5	93.5	93.6	93.6	93.7	93.7
≥ 900	57.0	78.3	84.0	88.0	91.2	91.6	92.9	93.4	93.5	94.0	94.1	94.1	94.2	94.2	94.3	94.3
≥ 800	57.1	78.5	84.4	88.5	91.8	92.3	93.7	94.3	94.4	95.1	95.2	95.2	95.3	95.4	95.4	95.5
≥ 700	57.1	78.7	84.7	88.9	92.3	92.8	94.3	94.9	95.0	95.8	96.0	96.0	96.1	96.1	96.2	96.3
≥ 600	57.1	78.9	84.9	89.2	92.7	93.3	94.8	95.5	95.6	96.5	96.7	96.7	96.9	96.9	97.0	97.0
≥ 500	57.1	79.0	85.1	89.5	93.2	93.8	95.5	96.3	96.4	97.4	97.7	97.7	98.0	98.0	98.1	98.2
≥ 400	57.1	79.0	85.2	89.7	93.5	94.1	95.8	96.7	96.8	97.9	98.2	98.3	98.6	98.7	98.8	98.9
≥ 300	57.1	79.0	85.3	89.7	93.6	94.2	96.0	96.9	97.0	98.2	98.5	98.6	99.0	99.1	99.2	99.3
≥ 200	57.1	79.0	85.3	89.8	93.6	94.2	96.0	96.9	97.1	98.3	98.6	98.7	99.2	99.3	99.5	99.6
≥ 100	57.1	79.0	85.3	89.8	93.6	94.2	96.0	96.9	97.1	98.3	98.7	98.7	99.2	99.3	99.6	99.7
≥ 0	57.1	79.0	85.3	89.8	93.6	94.2	96.0	96.9	97.1	98.3	98.7	98.7	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 66951

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

725227 — STATION | WATERTOWN NY — STATION NAME | 74-83 — PERIOD | JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	19.3			9.1						8.1	63.0	7.3	929
	03-05	19.8			10.3						7.6	62.3	7.2	930
	06-08	14.5			14.3						10.3	60.9	7.4	930
	09-11	10.4			14.9						19.4	55.3	7.7	930
	12-14	11.3			15.5						16.2	57.0	7.6	930
	15-17	10.5			14.9						14.1	60.4	7.8	930
	18-20	15.5			13.8						10.9	59.9	7.4	930
	21-23	18.3			12.6						9.7	59.4	7.2	926
TOTALS		15.0			13.2						12.0	59.8	7.5	7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726227 STATION | WATERTOWN NY STATION NAME | 74-83 PERIOD | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	23.2			11.8						10.1	54.9	6.7	844
	03-05	22.9			13.3						8.9	54.8	6.7	841
	06-08	19.2			12.9						11.9	56.1	7.1	840
	09-11	13.6			15.5						18.2	52.7	7.4	840
	12-14	13.5			18.4						18.1	50.0	7.2	842
	15-17	12.9			19.3						17.6	50.2	7.2	846
	18-20	15.6			22.3						12.2	49.9	6.8	846
	21-23	19.9			15.8						12.8	51.5	6.8	846
TOTALS		17.6			16.2						13.7	52.5	7.0	6745

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726227 — WATERTOWN NY — 74-83 — MAR
STATION — STATION NAME — PERIOD — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	27.0			11.5						10.1	51.5	6.4	925
	03-05	26.3			12.1						10.2	51.5	6.4	925
	06-08	15.3			19.0						11.1	54.5	7.0	926
	09-11	13.2			20.3						16.8	49.6	7.1	929
	12-14	11.3			20.4						19.7	48.6	7.2	930
	15-17	11.3			20.5						18.2	50.0	7.3	930
	18-20	15.6			19.1						14.0	51.3	7.0	930
	21-23	23.5			14.3						11.2	51.0	6.5	929
TOTALS		17.9			17.2						13.9	51.0	6.9	7424

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726227 — WATERTOWN NY — 74-83 — APR

STATION — STATION NAME — PERIOD — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	33.6			12.8						8.1	45.4	5.7	896
	03-05	31.3			14.7						8.5	45.5	5.8	895
	06-08	21.5			20.1						13.1	45.4	6.3	895
	09-11	17.1			22.2						14.4	46.2	6.6	900
	12-14	13.7			22.1						18.1	46.1	6.9	900
	15-17	13.6			22.1						21.3	43.0	6.9	900
	18-20	15.6			26.0						17.0	41.4	6.5	900
	21-23	28.4			19.5						10.0	42.1	5.7	898
TOTALS		21.9			19.9						13.8	44.4	6.3	7184

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726227	WATERTOWN NY	74-83	MAY
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		
MAY	00-02	38.3			16.7						10.6	34.4	4.9	822
	03-05	27.8			23.4						12.1	36.6	5.5	849
	06-08	18.0			21.1						20.0	40.9	6.5	924
	09-11	14.3			24.4						20.0	41.2	6.7	929
	12-14	12.7			28.2						23.6	35.5	6.5	929
	15-17	12.1			26.4						24.7	34.9	6.6	929
	18-20	14.5			29.0						22.4	34.1	6.3	928
	21-23	27.7			23.7						15.2	33.4	5.4	866
TOTALS		20.7			24.4						18.6	36.4	6.1	7176

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

726227 WATERTOWN NY 74-83 JUN

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 0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
JUN	00-02	34.4			22.3						13.5	29.8	4.9	794
	03-05	27.1			22.6						12.2	38.0	5.6	826
	06-08	18.3			22.1						20.9	38.6	6.4	885
	09-11	13.0			26.3						22.4	38.3	6.6	887
	12-14	8.1			31.7						24.9	35.3	6.7	887
	15-17	8.4			32.9						28.2	30.5	6.6	879
	18-20	13.6			33.1						22.8	30.5	6.1	880
	21-23	22.6			31.3						14.7	31.4	5.4	828
TOTALS		18.2			27.8						20.0	34.1	6.0	6866

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

726227 — WATERTOWN NY — 74-83 — 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	37.3			25.2						11.8	25.8	4.4	823
	03-05	29.6			26.4						16.3	27.7	5.0	852
	06-08	20.4			28.2						23.9	27.5	5.7	917
	09-11	14.1			33.8						24.8	27.3	6.0	920
	12-14	8.3			41.5						25.4	24.8	6.0	917
	15-17	10.5			41.5						23.1	24.9	5.8	905
	18-20	14.8			37.5						23.1	24.6	5.7	912
	21-23	24.3			33.6						16.1	26.1	5.1	852
TOTALS		19.9			33.5						20.6	26.1	5.5	7098

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

726227 WATERTOWN NY — 74-83 — AUG

STATION — STATION NAME — PERIOD — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
AUG	00-02	34.7			22.2						12.9	30.2	4.9	906
	03-05	33.3			19.9						14.1	32.7	5.1	909
	06-08	16.7			25.7						21.0	36.5	6.3	917
	09-11	8.7			30.9						27.3	33.1	6.7	921
	12-14	5.8			33.8						31.3	29.0	6.7	926
	15-17	7.8			35.9						28.8	27.5	6.4	920
	18-20	13.3			34.8						26.1	25.7	6.0	922
	21-23	25.7			28.2						14.6	31.5	5.3	909
TOTALS		18.3			28.9						22.0	30.8	5.9	7330

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726227 STATION | WATERTOWN NY STATION NAME | 74-83 PERIOD | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
SEP	00-02	34.1			16.0						12.6	37.3	5.3	880
	03-05	31.3			16.7						11.5	40.4	5.6	878
	06-08	11.8			24.6						20.3	43.3	6.9	879
	09-11	9.9			27.7						23.2	39.3	6.8	893
	12-14	8.7			28.1						27.5	35.7	6.9	896
	15-17	10.2			29.5						23.6	36.7	6.7	894
	18-20	17.6			26.8						21.3	34.2	6.1	891
	21-23	27.2			22.8						15.0	35.0	5.5	886
TOTALS		18.9			24.0						19.4	37.7	6.2	7097

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

726227 — STATION | WATERTOWN, NY — STATION NAME | 74-83 — PERIOD | OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
OCT	00-02	32.4			13.6						10.0	44.0	5.7	928
	03-05	32.5			15.5						9.6	42.4	5.6	919
	06-08	17.1			20.3						18.3	44.3	6.7	922
	09-11	12.1			22.1						19.7	46.2	7.1	929
	12-14	9.5			21.5						24.3	44.7	7.3	930
	15-17	12.8			20.5						25.6	41.1	7.0	930
	18-20	17.4			23.3						16.1	43.3	6.5	927
	21-23	24.4			17.8						13.1	44.8	6.2	927
TOTALS		19.8			19.3						17.1	43.9	6.5	7412

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726227 WATERTOWN NY — 74-83 — 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	19.3			11.0						10.3	59.4	7.2	896
	03-05	19.1			10.7						7.5	62.8	7.3	897
	06-08	10.9			13.7						14.4	60.9	7.8	896
	09-11	4.6			13.9						22.2	59.3	8.3	897
	12-14	4.8			14.9						18.3	62.0	8.3	898
	15-17	5.8			16.8						16.8	60.7	8.1	900
	18-20	10.3			16.1						10.0	63.1	7.7	900
	21-23	15.4			13.9						11.6	58.9	7.4	900
TOTALS		11.3			13.9						13.9	60.9	7.8	7184

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GL ?AL CLIMATOLOGY ·RANCH
·SAFETAC
AI- ·EATHER SERVICE/MAC

SKY COVER

72.227 — STATION · WATERTOWN NY — STATION NAME · 74-83 — PERIOD · DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
DEC	00-02	15.4			11.0						10.4	63.2	7.6	929
	03-05	15.5			11.6						8.1	64.8	7.6	928
	06-08	10.0			14.2						13.9	61.9	7.9	930
	09-11	6.6			12.8						17.1	63.5	8.3	930
	12-14	6.8			13.9						16.3	63.0	8.2	930
	15-17	6.8			14.2						14.6	64.4	8.2	930
	18-20	11.3			11.7						11.0	66.0	7.9	926
	21-23	13.8			12.7						10.5	63.0	7.6	927
TOTALS		10.8			12.8						12.7	63.7	7.9	7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
726227	WATERTOWN NY	74-83	ALL

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	15.0			13.2						12.0	59.8	7.5	7437
FEB		17.5			16.2						13.7	52.5	7.0	6745
MAR		17.9			17.2						13.9	51.0	6.9	7424
APR		21.9			19.9						13.8	44.4	6.3	7184
MAY		20.7			24.4						18.6	36.4	6.1	7176
JUN		18.2			27.8						20.0	34.1	6.0	6866
JUL		19.9			33.5						20.6	26.1	5.5	7098
AUG		18.3			28.9						22.0	30.8	5.9	7330
SEP		18.9			24.0						19.4	37.7	6.2	7097
OCT		19.8			19.3						17.1	43.9	6.5	7412
NOV		11.3			13.9						13.9	60.9	7.8	7184
DEC		10.8			12.8						12.7	63.7	7.9	7430
TOTALS		17.5			20.9						16.5	45.1	6.6	86383

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.

...AL CLIMATOLOGY BRANCH
...AFETAC
AI... EATHER SERVICE/MAC
72.227 ATERTOWN NY 49-54, 62-83

STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 95						.1	.1	.1	.1				.0
≥ 90						1.5	6.5	2.9	1.2				1.0
≥ 85				.4	1.2	12.1	24.1	14.1	3.7				4.6
≥ 80			.1	.9	6.7	31.8	56.4	42.5	14.3	1.6			12.8
≥ 75			.5	4.6	16.8	54.4	80.4	71.4	28.5	6.6	.1		21.9
≥ 70			1.4	9.9	35.9	72.4	95.4	91.2	51.0	16.8	1.2		31.3
≥ 65	.1		3.2	16.7	55.0	88.7	99.0	98.6	71.8	30.4	4.3	.3	39.1
≥ 60	.6	.5	6.3	27.7	71.6	96.5	100.0	99.9	87.9	46.8	10.4	2.3	46.0
≥ 55	1.7	2.2	11.7	41.9	84.2	99.7		100.0	96.8	63.8	21.0	5.0	52.6
≥ 50	4.3	5.0	20.2	60.9	94.8	100.0			99.6	80.8	33.3	9.1	59.3
≥ 45	8.6	10.5	30.6	77.3	98.8				100.0	92.1	50.0	14.4	65.5
≥ 40	18.0	19.2	46.0	89.9	99.9					98.3	70.7	26.9	72.7
≥ 35	34.6	35.3	67.6	97.1	100.0					99.8	85.4	46.4	80.8
≥ 30	43.4	51.9	84.7	98.8						100.0	96.1	65.7	87.4
≥ 25	61.2	66.3	93.7	99.6							98.6	77.9	91.6
≥ 20	73.8	79.0	97.8	100.0							100.0	86.4	94.9
≥ 15	83.7	88.1	99.0									93.3	97.1
≥ 10	90.7	94.8	99.8									97.0	98.6
≥ 5	95.7	97.8	100.0									98.4	99.3
≥ 0	98.8	99.5										99.5	99.8
≥ -5	99.5	100.0										99.9	99.9
≥ -10	99.9											100.0	100.0
≥ -15	100.0												100.0
MEAN	28.0	29.4	40.0	53.3	65.1	74.8	80.0	78.0	69.7	58.8	45.5	33.0	54.6
S D	13.184	12.144	11.489	11.359	9.502	8.100	6.096	6.184	8.588	10.160	10.301	12.153	20.934
TOTAL OBS	806	734	806	780	803	780	805	837	840	868	840	867	9766

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

STATION	STATION NAME	YEARS
726227	WATERTOWN NY	49-54, 62-83

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 75							.2	.1					.0
≥ 70						1.5	4.6	3.2	1.9	.1			1.0
≥ 65					.4	6.5	22.2	15.7	4.9	.5			4.3
≥ 60				.1	3.4	24.1	45.8	36.7	13.1	2.5			10.5
≥ 55				1.0	10.6	44.4	68.9	59.4	27.9	6.5	.6		18.3
≥ 50		.1	.5	2.9	25.4	65.8	85.2	79.0	45.5	17.2	3.0	.1	27.1
≥ 45		.5	1.2	8.1	44.2	84.6	95.5	92.5	67.0	30.2	8.0	.9	36.2
≥ 40	.4	1.2	3.7	20.6	67.2	93.3	99.8	98.4	82.1	48.5	18.1	3.6	45.0
≥ 35	3.0	3.3	11.0	40.3	87.0	98.5	100.0	99.6	92.5	65.1	34.0	8.4	53.8
≥ 32	5.8	6.1	15.4	51.0	91.3	99.4		99.9	95.5	72.4	42.0	12.2	57.9
≥ 30	10.9	11.0	25.9	67.4	95.9	99.9		100.0	98.8	81.0	55.8	22.2	64.4
≥ 25	20.2	21.8	48.1	87.4	99.4	100.0			100.0	92.9	74.6	34.2	73.5
≥ 20	30.6	32.4	63.5	95.1	99.9					98.0	87.7	47.5	79.9
≥ 15	40.7	44.1	78.0	98.7	100.0					99.7	94.4	56.8	84.6
≥ 10	51.2	54.6	89.1	99.5						100.0	98.6	69.5	88.8
≥ 5	61.2	66.1	94.4	100.0							99.5	78.4	91.8
≥ 0	72.0	75.3	96.4								100.0	85.3	94.2
≥ -5	80.8	84.2	97.6									91.2	96.3
≥ -10	86.8	90.5	99.1									94.1	97.6
≥ -15	93.1	95.9	99.8									98.0	98.9
≥ -20	95.9	97.4	100.0									98.8	99.4
≥ -25	97.9	98.9										99.7	99.7
≥ -30	98.9	99.6										99.8	99.9
≥ -35	99.8	100.0										99.9	100.0
≥ -40	100.0											100.0	100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	9.1	10.8	22.4	33.0	43.5	52.9	58.1	56.2	48.7	39.1	30.6	16.4	35.1
S D	16.303	15.310	11.068	8.292	8.348	8.393	7.358	7.837	9.408	10.251	9.696	14.988	19.959
TOTAL OBS	806	734	806	780	803	780	305	837	840	868	840	866	9765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

STATION	STATION NAME	YEARS
726227	WATERTOWN NY	49-54, 62-83

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

	TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥	85									.1				.0
≥	80						1.0	3.0	1.7	1.3				.6
≥	75					.1	7.9	20.4	12.9	3.7	.2			3.8
≥	70				.3	2.7	25.9	48.4	38.6	10.7	1.5			10.7
≥	65				1.4	12.0	47.7	78.9	67.4	27.1	5.3			20.0
≥	60			.5	5.0	26.9	71.3	94.2	89.4	48.7	14.5	1.4		29.4
≥	55		.1	1.9	10.3	49.8	90.1	99.6	98.2	71.0	29.7	5.1	.2	38.1
≥	50	.5	.7	4.8	21.5	73.1	98.1	100.0	99.9	88.5	46.8	13.1	2.3	46.0
≥	45	1.9	1.9	9.9	42.2	88.8	99.7		100.0	97.6	66.8	24.3	5.0	53.4
≥	40	5.0	5.3	20.6	69.4	97.6	100.0			99.6	85.0	41.8	11.8	61.6
≥	35	13.8	14.4	38.7	85.4	99.8				100.0	95.5	65.6	23.0	70.0
≥	30	25.7	27.0	58.3	94.4	100.0					98.5	84.0	39.6	77.6
≥	25	37.8	40.5	74.2	98.6						99.9	92.9	54.4	83.5
≥	20	50.2	54.4	88.3	99.1						100.0	97.5	68.0	88.4
≥	15	61.8	66.1	94.9	100.0							99.5	78.9	92.0
≥	10	73.6	77.5	97.8								100.0	87.4	94.8
≥	5	83.3	87.7	99.1									93.6	97.1
≥	0	90.0	94.4	99.6									96.5	98.4
≥	-5	95.5	97.4	100.0									98.4	99.3
≥	-10	97.4	98.8										99.5	99.7
≥	-15	99.0	99.6										99.9	99.9
≥	-20	99.8	100.0											100.0
≥	-25	100.0											100.0	100.0
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
	MEAN	18.7	20.3	31.5	43.4	54.6	64.1	69.3	67.4	59.4	49.2	38.3	24.9	45.1
	S D	14.075	13.141	10.528	8.895	7.949	7.425	5.836	6.179	8.118	9.328	9.359	12.957	20.039
	TOTAL OBS	806	734	806	780	803	780	805	837	840	868	840	866	9765

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION: 72[illegible]227 STATION NAME: WATERTOWN NY YEARS: 49-54, 62-83

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
49				*	86	95	90	92	81	82	64	64	
50	64	42	57	78	85	88	88	86	85	78	73	58	88
51	57	48	65	69	82	84	88	85	89	84	62*	62	89
52	54	52	63	75	81	89	91	91	90	78	67	57	91
53	56	59	66	68	84	93	97	92	96	79	70	57	97
54	50	60	60	81	81	87	88	85	84	82	66	47	88
62									83	77	53	57	
63	42	40	66	75	79	87	93	84	83	79	62	52	93
64	51	40	61	78	86	91	94	90	88	73	70	60	94
65	54	53	55	62	84	89	88	94	91	75	64	60	94
66	58	48	72	71	87	90	92	95	82	72	71	63	95
67	65	47	73	77	86	88	92	86	84	77	69	55	92
68	42	49	77	87	74	84	90	88	86	81	58	47	90
69	47	37	55	78	74	91	87	89	87	79	57	45	91
70	46	49	58	87	86	88*	89	94	86	78	65	54	94
71	44	50	56	72	82	90	91	91	92	80	77	57	92
72	58	46	54	73	83	87	88	84	87	74	58	55	88
73	59	56	67	79	76	88	90	90	93	79	62	62	93
74	54	55	59	79	85	88	86	88	79	72	65	51	88
75	63	53	52	72	82	91	93	90	82	76	74	60	93
76	52	62	75	85	78	88	86	86	82	76	59	44	88
77	30	51	84	79	83	88	92	90	87	69	74	56	92
78	49	29	50	65	83	89	93	93	83	75	65	52	93
79	53	47	73	75	85	84	91	90	83	84	69	60	91
80	53	51	60	72	85	86	90	89	82	78	59	58	90
81	48	63	67	80	79	85	86	83	81	67	69	51	86
82	48	46	69	76	81	80	89	81	85	73	68	67	89
83	49	52	65	67				88	88	84	65	45	
MEAN	51.8	49.4	63.8	75.4	82.0	88.0	90.1	88.7	85.8	77.2	65.5	55.3	91.1
S.D.	7.675	7.767	8.452	6.293	3.657	3.098	2.774	3.627	4.115	4.330	5.828	6.108	2.735
TOTAL OBS	806	734	806	780	803	780	805	837	840	868	840	867	9766

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

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

726227 WATERTOWN NY — 49-54, 62-83

STATION — STATION NAME — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
49				*	29	38	48	46	37	22	2	0	
50	-9	-16	-15	17	28	41	47	45	30	23	18	-13	-16
51	-12	-14	12	30	35	40	52	44	32	27	9*	-13	-14
52	-11	-1	9	24	30	45	46	47	34	24	11	-5	-11
53	-2	-2	2	24	35	38	44	43	36	24	13	-5	-5
54	-20	-18	11	8	31	45	45	41	34	26	17	-2	-20
62									27	20	13	-15	
63	-13	-27	-4	21	28	38	41	42	28	25	12	-33	-33
64	-15	-6	10	12	30	29	40	37	31	22	14	-7	-15
65	-18	-10	-3	6	27	32	42	40	28	18	14	-5	-18
66	-22	-15	2	21	18	32	43	46	31	16	12	-12	-22
67	-7	-24	-7	15	25	42	44	40	31	24	7	-8	-24
68	-36	-13	-8	18	22	39	41	41	39	27	14	-15	-36
69	-15	-9	1	15	24	38	38	30	31	16	4	-15	-15
70	-32	-26	6	19	25	33*	44	44	41	21	12	-11	-32
71	-25	-22	-5	22	29	32	44	41	39	34	14	0	-25
72	-14	-29	-13	11	34	31	42	38	30	12	4	-12	-29
73	-17	-34	12	18	30	36	41	38	27	25	19	-16	-34
74	-19	-13	7	22	28	40	45	45	26	14	1	-8	-19
75	-12	-14	-4	17	34	39	46	40	34	18	20	-14	-14
76	-31	-12	-8	18	34	37	43	34	31	16	15	-21	-31
77	-32	-12	11	14	28	35	41	38	33	25	10	-25	-32
78	-14	-25	-16	21	27	37	42	46	27	20	10	-7	-25
79	-29	-34	5	17	32	35	40	39	30	23	17	-4	-34
80	-5	-14	-16	19	35	35	48	44	29	21	13	-37	-37
81	-38	-16	5	22	26	38	39	39	27	25	15	1	-38
82	-29	-5	-8	9	32	41	42	34	32	23	15	-2	-29
83	-8	-15	8	21				43	33	17	11	-22	
MEAN	-18.7	-16.4	-.2	17.7	29.1	37.2	43.4	40.9	31.7	21.7	12.0	-11.6	-24.4
S.D.	10.020	8.967	9.232	5.467	4.358	4.096	3.239	4.169	3.971	4.705	4.861	9.629	9.263
TOTAL OBS	806	734	806	780	803	780	805	837	840	868	840	866	9765

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

7[illegible]27	WATERTOWN NY	74-83	JAN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49	.1	.1																2	2	1	1
48/ 47	.2	.4	.1	.1														8	8	4	4
46/ 45			.1	.2														3	3	4	
44/ 43		.2	.5	.4														11	11	2	3
42/ 41	.1	.1	.1	.2														5	5	3	3
40/ 39		.9	.3	.1														12	12	10	2
38/ 37	.3	3.5	.3															38	38	21	2
36/ 35	.5	2.7	1.2	.1														42	42	40	22
34/ 33	1.1	2.6	.5	.3														41	43	45	37
32/ 31	.8	3.6	1.3	.4														56	56	42	54
30/ 29	.3	1.3	.7	.3														29	29	41	25
28/ 27	.5	1.6	1.7															29	29	33	29
26/ 25	.9	3.1	.9	.3														45	45	34	35
24/ 23	1.0	3.9	.3															40	40	57	23
22/ 21	2.3	1.7	.1															38	38	51	29
20/ 19	2.0	2.6	.3															45	45	37	54
18/ 17	1.0	3.8	.1															45	45	39	38
16/ 15	.9	3.6	.3															44	44	40	52
14/ 13	1.8	1.8	.2															34	34	47	31
12/ 11	1.6	2.3																36	36	37	47
10/ 9	2.4	3.4	.2															55	55	50	39
8/ 7	1.5	2.9	.1															39	37	38	37
6/ 5	1.4	1.5																27	27	38	37
4/ 3	1.1	1.4																22	23	26	35
2/ 1	1.8	2.7																33	35	29	40
0/ -1	2.0	.4																26	28	35	14
-2/ -3	1.4	.8																20	20	20	25
-4/ -5	2.4	.2																24	24	25	30
-6/ -7	1.2																	11	11	13	22
-8/ -9	1.1																	9	11	9	31
-10/-11	.9																	8	8	8	27
-12/-13	.5																	5	5	5	10
-14/-15	.9																	8	9	8	16
-16/-17	.4																	4	4	4	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72227	ATERTOW, NY	74-83	JAN

PAGE 2 — 0000-0200 HOURS (L. S. T.)

Temp. (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 /-19	.4																	4	4	4	16
- /-21	.3																	3	3	3	11
-2 /-2	1.1																	10	10	10	4
- /-25	.3																	3	3	3	6
- /-27	.4																	4	4	4	4
- /-29	.1																	1	1	1	5
- /-31																					10
- /-33																					2
-3 /-35																					4
-3 /-37																					2
TOTAL	36.3	51.8	8.3	2.6															929		921
																		921		921	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5557585	70383	76.4	13.945	921							
Dry Bulb	484439	15515	16.7	15.582	929	14.5	76.6					93
Wet Bulb	430256	14416	15.7	14.913	921	15.3	79.9					93
Dew Point	359813	9577	10.4	16.818	921	24.4	85.5					93

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

[illegible]TAL CLIMATOLOGY BRANCH
[illegible]AFETAC
AI[illegible] [illegible]EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]227	[illegible]ATERTOWN NY	74-83	JAN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]7/ [illegible]		.1	.2															3	3		
5[illegible]/ 4[illegible]		.3	.2															5	5	2	
[illegible]/ 47			.1															1	1	6	3
4 / 45				.4														4	4	1	1
4/ 43		.3	.4	.2														8	9		4
[illegible]/ 41		.2	.1															3	3	3	2
4 / [illegible]	.1	.7																7	7	13	3
3 / 37	.4	2.6	1.1															37	37	10	7
[illegible]/ 35	.8	4.2	1.0	.3	.1													59	59	48	16
3 / 33	.4	1.5	.3															21	22	41	29
[illegible]/ 31	.5	2.8	1.5	.2														47	47	30	54
[illegible]/ 2[illegible]	.7	2.3	1.4	.2														42	42	39	26
[illegible]/ 27	1.0	2.3	.7	.2														38	38	46	27
[illegible]/ 25	.5	3.4	.8															43	43	43	31
[illegible]/ 23	1.3	1.6	.2															29	29	45	23
2/ 21	.8	2.7	.2															34	34	44	43
[illegible]/ 1[illegible]	1.2	4.8																53	53	26	33
1 / 17	1.4	2.9																39	39	56	44
1 / 15	.9	2.5																30	30	31	48
1 / 13	1.3	2.2	.1															33	33	33	30
1 / 11	1.4	2.1	.2															37	37	36	48
[illegible]/ [illegible]	2.6	2.9	.1															52	52	57	40
/ 7	2.6	1.8																41	41	44	47
/ [illegible]	1.1	1.4																25	25	27	37
/ 3	.3	1.2																18	18	24	26
/ 1	1.[illegible]	2.9																43	44	37	34
/ -1	2.4	.3																25	27	32	22
- / -3	3.3	.3																33	35	34	19
-[illegible]/ -5	.[illegible]																	18	18	20	32
- / -7	1.3																	12	13	12	26
- / -9	2.2																	20	20	20	16
-1 /-11	1.1																	10	11	10	36
-1 /-13	.[illegible]																	7	7	7	11
-1[illegible]/-15	.7																	6	6	6	26

Element (X)	Σx^2	Σx	$\bar{X}$	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL[illegible]BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72[illegible]227	WATERTOWN NY	74-83	JAN

PAGE 2 — 0300-0500 HOURS (L. S. T.)

Temp. (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[illegible]/-17	.3																	3	3	3	7
-1[illegible]/-19	.7																	6	6	6	19
-[illegible]/-21	.7																	6	6	6	9
-2[illegible]/-23	.6																	7	7	7	4
-2[illegible]/-25	.7																	6	6	6	2
-2[illegible]/-27	.4																	4	4	4	1
-[illegible]/-29	.1																	1	1	1	9
-3[illegible]/-31	.2																	2	2	2	3
-3[illegible]/-33	.3																	3	3	3	10
-3[illegible]/-35																					7
-3[illegible]/-37																					4
-[illegible]/-39																					2
-[illegible]/-41																					1
TOTAL	39.d	49.9	5.6	1.6	.1														930		921
																		921		921	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	5566607	70575	76.6	13.127	921							
Dry Bulb	469422	14326	15.4	16.363	930	17.6	78.1					93
Wet Bulb	418783	13351	14.5	15.647	921	18.1	80.5					93
Dew Point	360834	8590	9.3	17.468	921	26.9	86.5					93

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

[illegible]AL CLIMATOL[illegible]GY BRANCH
[illegible]AFETAC
AI[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]227	[illegible]ATERTOWN NY	74-83	JAN

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

Temp. (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]/ 5[illegible]		.1	.4															5	5		
[illegible]/ 51		.3	.1															3	3	2	
[illegible]/ 4[illegible]			.1															1	1	6	2
[illegible]/ 47																				1	3
4[illegible]/ 45		.2		.2	.2													6	6		4
[illegible]4/ 43		.1	.1	.2														4	4	2	
[illegible]2/ 41	.2	.9	.2															12	12	7	2
4 / 3[illegible]	.4	.4	.4															10	10	12	9
[illegible]/ 37	.2	2.1	.4															25	25	14	5
[illegible]/ 35	.3	4.0	1.3	.4														56	56	27	12
3[illegible]/ 33	.3	1.5	.8	.1	.1													28	23	46	22
[illegible]/ 31	.4	3.9	.8	.7	.1													56	56	35	49
[illegible]/ 2[illegible]	.7	2.[illegible]	1.1	.2														41	41	49	35
[illegible]/ 27	1.2	2.7	.3															32	32	48	22
[illegible]/ 25	.2	2.4	.7															30	30	36	44
2[illegible]/ 23	.7	1.2	.7															23	23	29	22
[illegible]2/ 21	1.1	2.1	.7															35	35	37	41
[illegible]/ 1[illegible]	1.5	4.1	.3															55	55	50	35
1 / 17	1.5	2.9																40	40	42	26
1 / 1[illegible]	1.[illegible]	2.3	.1															31	31	33	51
1[illegible]/ 13	1.3	1.9	.1															30	31	32	41
1 / 11	1.[illegible]	2.0																32	32	29	39
[illegible]/ [illegible]	2.6	2.4																46	47	52	33
/ 7	1.8	1.9																31	31	32	46
/ [illegible]	2.0	2.2																38	33	40	25
[illegible]/ [illegible]	2.[illegible]	2.2																41	41	43	38
/ 1	1.1	2.2																30	31	20	34
/ -1	2.3	.7																27	29	39	31
- / -3	1.7	.4																20	23	23	21
- / -5	1.8	.2																19	19	19	17
- / -7	1.4																	13	13	15	24
- / -9	2.[illegible]																	24	24	24	21
-[illegible] /-11	2.3																	21	21	21	20
-1 /-13	.[illegible]																	7	7	7	9

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]27	WATERTOWN NY	74-83	JAN

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

Temp. (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[illegible]/-15	.[illegible]																	5	[illegible]	5	30
-1[illegible]/-17	.[illegible]																	5	[illegible]	5	17
-1[illegible]/-19	.[illegible]																	7	7	7	25
-[illegible]/-21	.[illegible]																	8	8	8	17
-22/-23	.3																	3	3	3	3
-2[illegible]/-25	.8																	7	7	7	6
-2[illegible]/-27	.2																	2	2	2	2
-[illegible]/-29	.5																	5	[illegible]	5	4
-[illegible]/-31	.7																	6	5	6	9
-[illegible]/-33	.1																	1	1	1	6
-3[illegible]/-35																					8
-[illegible]/-37	.1																	1	1	1	4
-[illegible]/-39																					8
TOTAL	41.1	45.2	8.6	1.8	.4														93[illegible]		922
																		922		922	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5545146	70338	76.3	13.948	922							
Dry Bulb	472346	13802	14.8	16.969	[illegible]	18.6	78.[illegible]					93
Wet Bulb	4221[illegible]	12796	13.9	16.297	922	20.0	81.2					93
Dew Point	375815	7917	8.6	18.282	922	28.4	87.[illegible]					93

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

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

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
... 227	WATERTOWN NY	74-83	JAN

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (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			.1															1	1		
/ 57			.1															1	1		
5 / 55			.1															1	1	1	
4/ 53																				2	1
27/ 51					.1													1	1		
5/ 4[illegible]		.2	.2		.1													5	5		2
/ 47		.4	.1	.2	.3													10	10	3	
4 / 45		.2	.2		.1													5	5	6	5
4/ 43		.9	.5	.1	.1													14	14	5	3
/ 41		.5	.3	.1														8	8	14	6
4 / 39	.1	.7	.4	.2														13	13	12	8
3 / 37	.7	1.9	.5	.2														27	27	15	10
/ 35	.3	2.9	.3	.3														40	40	30	16
3 / 33	.9	1.9	1.9	.1														43	43	44	24
/ 31	.?	3.6	.7	1.?														56	56	34	38
/ 29	.4	1.4	1.5	.1														32	32	32	33
/ 27	.9	2.7	1.?															42	42	33	28
/ 25	.8	3.1	1.1															45	45	57	42
/ 23	1.2	1.2	.9	.1														28	28	43	21
2/ 21	1.5	1.1	.2	.1														27	27	35	41
/ 19	2.?	4.4	.4															62	62	49	49
1 / 17	1.3	3.9	.3															47	47	43	50
1 / 15	.8	2.7	.7															38	38	42	43
1 / 13	1.3	3.7																46	47	36	29
1 / 11	1.8	2.3																36	37	51	54
1 / 9	?.2	2.3																41	42	47	36
/ 7	1.1	2.9																33	34	32	44
/ 5	1.3	1.6																27	30	35	30
/ 3	.8	3.2																36	36	30	35
/ 1	.3	2.9																32	34	26	28
/ -1	2.?	.8																31	31	42	31
- / -3	.7	1.1																16	16	19	25
- / -5	1.4	.5																18	19	17	25
- / -7	1.3																	12	14	17	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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL PAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]027	[illegible]TERTOWN NY	74-83	JAN

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
- / -9	.3																	3	[illegible]	6	24
- /-11	.[illegible]																	7	7	7	29
-1 /-13	.[illegible]																	5	5	5	9
-1 /-15	.[illegible]																	8	5	8	25
-1 /-17	.2																	2	2	2	17
-1 /-19	1.0																	9	9	9	17
- /-21	.1																	1	1	1	7
- 2/-23	.1																	1	1	1	5
- /-25	.2																	2	2	2	14
- /-27																					5
- /-29	.1																	1	1	1	6
- /-31																					1
- /-33																					1
-3 /-35																					1
TOTAL	1.3	53.7	11.7	2.6	.8														930		918
																		918		918	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5333184	66650	74.8	14.746	918							
Dry Bulb	506006	16538	17.8	15.103	930	12.4	76.1					93
Wet Bulb	4437.0	15270	16.6	14.391	918	14.1	79.6					93
Dew Point	362597	10085	11.0	16.571	918	24.5	85.4					93

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

AL CLIMATOLOGY BRA[illegible]
[illegible]TAC
[illegible] EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	[illegible]ATERTOWN NY	74-83	JAN

PAGE 1 — 1200-1400 HOURS (L. S. T.)

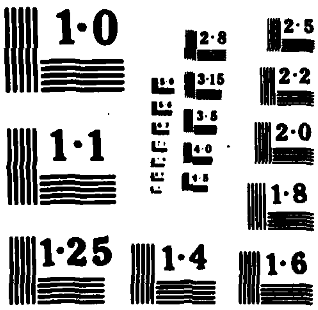
Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 57				.2														2			
[illegible] / [illegible]1				.1														1	1		
[illegible] / 5[illegible]																				3	
5 / 55																					1
[illegible] / 53					.1													1	1		[illegible]
[illegible] / 51					.1		.1											2			
[illegible] / 4[illegible]		.3				.1												7	[illegible]		
[illegible] / 47		.3		.3		.1												9	[illegible]	3	
[illegible] / 45	.1	.3	.2	.1	.1													[illegible]	[illegible]	6	[illegible]
4 / 43		.7	.2	.2	.1													[illegible]1	11	[illegible]	4
[illegible] / 41		.9	1.2	.3														[illegible]	[illegible]	13	[illegible]
[illegible] / [illegible]	.4	.5	.8	.3	.3													[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 37		1.5	.3	.2														[illegible]	[illegible]	24	11
[illegible] / 35	.9	3.1	.9	.7														[illegible]	4[illegible]	26	24
[illegible] / 33	.2	3.0	1.3	1.0														[illegible]1	[illegible]1	42	19
/ 31	1.2	2.9	2.5	.3	.1													4[illegible]	[illegible]4	54	54
/ 2[illegible]	.1	.4	1.4	.4														[illegible]	[illegible]	45	37
/ 27	.4	[illegible].1	2.1	.3														[illegible]	[illegible]	45	27
/ [illegible]	.9	2.3	1.2	.3														40	4[illegible]	50	[illegible]
[illegible] / 23	1.4	1.9	1.3	.1														40	4[illegible]	52	18
[illegible] / 21	1.6	2.5	1.3	.1														51	51	44	47
/ 1[illegible]	2.1	3.3	1.4															65	65	46	59
[illegible] / 17	.8	2.3	1.2															44	43	47	61
1 / 15	.7	2.8	.5															46	43	43	42
[illegible] / 13	1.2	4.1	.3															52	52	54	43
1 / 11	1.2	1.9	.2															30	30	51	49
[illegible] / [illegible]	1.4	3.4	.1															45	45	37	44
/ [illegible]	.4	2.9	.1															32	33	43	47
/ [illegible]	.7	1.1																15	15	25	31
/ [illegible]	.3	3.9																36	36	29	31
/ 1		2.4																22	24	26	[illegible]
/ -1	.1	.9																13	14	19	[illegible]7
- / -3	.1	.9																10	11	10	[illegible]7
- / -5	.1	.2																5	6	6	2[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A159 640 WATERTOWN NEW YORK REVISED UNIFORM SUMMARY OF SURFACE 4/5
WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. OCT 84

UNCLASSIFIED USAFETAC/DS-84/035 F/G 4/2 NL


1·0
2·8
2·5
3·15
2·2
3·5
2·0
4·0
1·1
4·5
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1·25
1·4
1·6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7..727 | WATERTOWN NY | 74-83 | JAN
STATION | STATION NAME | YEARS | MONTH

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

Temp. (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	.5	.1																6	7	8	13
- / -9	.2																	2	2	2	27
- /-11	.7																	6	6	6	14
-1 /-13	.2																	2	2	2	9
-1 /-15	.1																	1	1	1	18
-1 /-17	.1																	1	1	1	7
-1 /-19	.3																	3	3	3	11
- /-21																					9
-2 /-23																					6
-2 /-25																					1
- /-27																					3
- /-29																					2
TOTAL	19.0	55.0	19.2	5.3	.9	.5	.1												930		923
																		923		923	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4368773	65355	70.8	16.173	923							
Dry Bulb	590103	19855	21.3	13.376	930	5.3	72.3					93
Wet Bulb	501317	18133	19.6	12.544	923	6.0	78.2					93
Dew Point	369264	12010	13.0	15.199	923	19.4	85.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]227	ATERTOWN NY	74-83	JAN

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (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
47 / 55		.1																1	1		
2/ 51		.1					.2											3	3	1	
/ 4		.4			.2													6	6	2	1
/ 47	.1	.3			.1													5	5	4	5
4 / 45		.3	.4	.1														6	8	3	2
4/ 43		.3	.6	.8														16	15	4	3
/ 41		.5	.4	.5														15	15	10	5
40/	.4	1.7	1.1	.1	.2													29	29	19	9
/ 37	.1	1.8	.5	.1														25	25	28	4
/ 35	.6	2.9	1.8	.8														57	57	39	18
3 / 33	.1	2.8	1.4	.6														46	46	43	29
2/ 31	.4	2.1	2.3	1.0	.2													55	55	46	50
/ 29	.1	1.1	.9	.8														26	26	38	29
/ 27	.6	2.1	1.3	.1														43	43	39	37
/ 25	.4	4.0	1.3	.3														56	56	58	33
24 / 23	1.7	1.5	1.6															46	46	69	14
22/ 21	1.4	2.8	1.9	.1														57	57	49	49
/ 19	1.5	4.8	1.7	.1														71	71	66	54
1 / 17	1.2	3.1	1.[illegible]															49	49	57	73
1 / 15	1.0	3.5	.6	.1														48	49	46	33
1 / 13	1.1	2.8	.6															42	42	48	62
1 / 11	1.4	1.7	.3															32	32	44	53
	1.0	2.6	.1															34	34	35	51
/ 7	.9	2.9																34	34	37	40
/ 5	.4	3.5																36	36	32	25
/ 3		2.6																24	24	34	35
/ 1		2.9																26	26	28	31
/ -1	.4	.3																7	7	15	23
- / -3	.3	.4																7	10	8	16
- / -5	.2	.8																9	9	7	26
- / -7	.2	.1																3	3	7	22
- / -9	.1																	1	1	1	19
-10/-11	.3																	3	3	3	19
-1 /-13	.3																	3	3	3	10

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7?727	WATERTOWN NY	74-83	JAN

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (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?/-15																					7
-1?/-17	.1																	1	1	1	9
-1?/-19	.2																	2	2	2	7
-2?/-21																					18
-2?/-23																					1
-2?/-25																					1
-2?/-27																					2
-2?/-29																					1
TOTAL	16.?	56.4	20.2	5.6	.9		.2											926	930	926	926

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4871231	65479	70.7	16.144	926							
Dry Bulb	593739	20095	21.6	12.687	930	3.9	71.9					93
Wet Bulb	497381	18353	19.8	12.019	926	4.7	77.6					93
Dew Point	361428	12172	13.1	14.757	926	18.2	85.4					93

(Columns ≤ 0 F through Total: Mean No. of Hours with Temperature)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

227	ATERTOWN NY	74-83	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 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	Wet Bulb	Dew Point
4/ 53		.2																2	2		
2/ 51		.3																3	3	3	1
5 / 4		.1																1	1	3	5
4 / 45		.3	.2	.3	.2													10	10		
47/ 43		.[illegible]	.1	.2														5	5	3	
2/ 41		.9	.6	.3														17	17	7	3
4 / 3	.1	1.2	.4															18	18	14	4
3 / 37	.3	2.4	1.1	.5														39	39	32	8
/ 35	.9	2.6	.5	.1														38	38	33	30
3 / 33	.2	2.9	1.3	.3	.1													45	45	42	22
2/ 31	.2	3.3	1.3	.1														46	46	40	49
/ 2		1.3	1.3	.5	.1													33	33	36	33
/ 27	.5	2.3	.4															30	30	28	26
/ 25	.6	3.9	1.3	.2														56	56	62	28
2/ 23	1.2	1.8	.9															36	36	42	18
2/ 21	1.1	1.7	.9															34	34	45	51
/ 1	2.6	5.8	1.7															87	87	67	41
1 / 17	1.4	2.2	.2															35	35	59	48
1 / 1	1.4	2.8																39	39	39	60
1 / 13	1.5	3.7	.1															49	49	36	46
1 / 11	2.9	2.6																51	51	60	55
1 /	1.8	2.2	.1															36	38	43	46
/ 7	1.1	2.6																34	34	32	51
/ 5	.3	2.4																25	25	38	25
/ 3	.7	1.9																26	26	25	29
/ 1	1.0	1.9																27	27	28	36
/ -1	1.3	.2																19	19	25	26
- / -3	1.2	.5																16	18	14	24
- / -5	1.6	.6																21	22	19	28
- / -7	1.2	.1																12	12	17	18
- / -9	.9																	8	8	8	17
-1 /-11	1.1																	10	10	10	16
-1 /-13	.3																	3	3	3	13
-1 /-15	.8																	7	7	7	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7?6227	WATERTOWN NY	74-83	JAN

PAGE 2 — 1800-2000 HOURS (L. S. T.)

Temp. (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? /-17	.2																	2	2	2	12
-1? /-19	.4																	4	4	4	8
-?? /-21	.1																	1	1	1	21
-?2/-23																					4
-2? /-25																					7
-2? /-27																					4
-?? /-29																					1
TOTAL	2?.6	55.9	12.3	2.7	.4														93?		927
																		927		927	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	5391102	69426	74.9	14.383	927							
Dry Bulb	507643	17341	18.6	14.085	930	10.6	75.2					93
Wet Bulb	445778	16096	17.4	13.401	927	11.0	79.3					93
Dew Point	349599	10889	11.7	15.473	927	21.3	85.7					93

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

GL RAL CLIMATOLOGY BRANCH
SAFETAC
AI WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
227	ATERTOWN NY	74-83	JAN

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (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
27/ 51		.1																1	1	1	
5[illegible]/ 4[illegible]				.1														1	1		1
4 / 47		.1	.1															2	2		
4 / 4[illegible]	.1	.2	.4	.2														9	9	4	2
47/ 43			.[illegible]															2	2	2	[illegible]
[illegible]2/ 41		.3	.5	.3														11	11	6	
4 / [illegible]		.8	.5	.2														15	15	8	2
3 / 37	.4	2.4	1.3	.1														39	39	20	10
[illegible]/ 35	.8	2.9	.8															40	40	42	21
3[illegible]/ 33	.3	2.5	1.3	.4	.2													44	44	46	22
2/ 31	1.2	2.3	.4	.8	.1													44	44	39	61
[illegible]/ 2[illegible]	.4	.5	1.2		.1													[illegible]1	[illegible]1	32	30
2 / 27	.6	2.5	1.1	.2														41	41	20	25
[illegible]/ 25	1.[illegible]	4.8	.6	.1														60	60	60	30
2[illegible]/ 23	1.0	2.4	.2															33	33	61	13
2/ 21	1.6	1.9	.8															40	40	46	31
[illegible]/ 19	1.7	4.0	.3															56	56	42	64
1 / 17	.9	3.1																37	37	44	54
1 / 15	1.3	3.9	.1															49	50	43	37
1[illegible]/ 13	2.9	2.3	.1															49	49	60	44
1 / 11	3.0	2.2	.1															49	49	47	53
1[illegible]/ [illegible]	1.9	3.4	.2															51	51	51	62
[illegible]/ 7	1.3	1.3																24	25	36	35
/ 5	1.2	2.1																30	30	27	39
[illegible]/ 3	.8	1.8																24	25	30	40
/ 1	1.1	2.2																30	30	29	20
[illegible]/ -1	1.[illegible]	.4																21	21	23	25
-[illegible]/ -[illegible]	1.5	.2																16	16	19	32
-[illegible]/ -5	1.1	.6																16	17	11	9
-[illegible]/ -7	1.9																	18	19	24	29
-[illegible]/ -9	1.2																	11	11	11	27
-1[illegible]/-11	1.2																	11	11	11	15
-1[illegible]/-13	.5																	5	6	5	7
-1[illegible]/-15	.3																	3	3	3	17

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72[illegible]227	WATERTOWN NY	74-83	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 2100-2300 HOURS (L. S. T.)

Temp. (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 /-17	.4																	4	4	4	8
-1 /-19	.8																	7	7	7	18
- /-21	.4																	4	4	4	7
-22/-23	.5																	5	5	5	6
-24/-25	.1																	1	1	1	9
-2 /-27																					9
- /-29																					2
-30/-31																					4
-32/-33																					1
-3 /-35																					1
TOTAL	3[illegible].3	51.1	10.3	2.5	.4														930		924
																		924		924	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	5541764	70352	76.1	14.168	924							
Dry Bulb	478585	16117	17.3	14.646	930	12.5	76.6					93
Wet Bulb	423167	14996	16.2	13.956	924	12.9	80.0					93
Dew Point	341578	10078	10.9	15.842	924	22.7	87.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]5227	WATERTOWN NY	74-83	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL — HOURS (L. S. T.)

Temp. (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
47/ 6[illegible]				.[illegible]														2	[illegible]		
2/ 61				.[illegible]														1	1		
/ 59			.1															1	1		
/ 57			.1															1	1	3	
5/ 55			.1															1	1	1	1
4/ 5[illegible]		.1	.1		.0													9	9	2	3
2/ 51		.1	.1		.0		.[illegible]											16	16	7	1
5/ 4[illegible]	.1	.3	.1	.0	.0	.1												28	28	14	12
/ 47	.0	.2	.1	.1	.1	.0												35	35	21	15
4/ 45	.0	.2	.2	.2	.1													53	53	24	19
4/ 43		.3	.4	.3	.0													71	71	26	19
2/ 41	.0	.5	.4	.2														93	93	63	26
/ 3[illegible]	.2	.9	.5	.1	.1													126	126	108	42
3/ 37	.3	2.2	.9	.1														253	253	164	57
/ 35	.6	3.2	1.0	.3	.0													3[illegible]0	380	287	159
3/ 33	.5	2.3	1.1	.4	.1													319	322	349	203
2/ 31	.7	3.0	1.3	.6	.1													424	424	320	409
3/ 2[illegible]	.3	1.5	1.2	.3	.0													249	249	332	248
2/ 27	.7	2.3	1.0	.1														310	310	287	221
2/ 25	.6	3.4	1.[illegible]	.2														375	375	410	278
2/ 23	1.2	1.9	.7	.1														275	275	398	152
2/ [illegible]1	1.4	2.1	.7	.0														316	316	351	332
/ 19	1.8	4.3	.6	.0														497	497	403	388
1/ 17	1.2	3.7	.4															336	336	387	394
1/ 1[illegible]	1.0	3.1	.3	.0														327	329	317	364
1/ 13	1.5	2.9	.2															335	337	346	331
1/ 11	1.[illegible]	2.1	.1															303	304	355	397
10/ [illegible]	2.0	2.8	.1															362	364	372	351
/ 7	1.4	2.2	.1															266	271	294	343
/ 5	1.1	2.0																223	226	262	249
/ 3	.3	2.2																227	229	241	269
/ 1	.[illegible]	2.4																243	251	225	255
/ -1	1.[illegible]	.5																171	176	230	199
- / -3	1.3	.6																138	149	147	189

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible] 27	WATERTOWN NY	74-83	JAN

PAGE 2 — HOURS (L. S. T.): ALL

Temp. (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	1.4	.4																130	134	126	190
- / -7	1.1	.0																97	92	113	166
- / -9	1.1																	63	69	83	178
-10/-11	1.																	76	77	76	176
-1 /-13	.5																	37	33	37	77
-1 /-15	.5																	38	39	38	152
-1 /-17	.3																	22	22	22	75
-1 /-19	.6																	42	42	42	114
- /-21	.3																	23	23	23	99
- 2/-23	.4																	26	27	26	34
-2 /-25	.3																	19	19	19	46
-2 /-27	.1																	10	10	10	30
-2 /-29	.1																	8	5	8	30
- 0/-31	.1																	8	9	8	27
- 2/-33	.1																	4	4	4	20
-3 /-35																					21
- /-37	.0																	1	1	1	10
- /-39																					10
- /-41																					1
TOTAL	31.2	52.6	12.5	3.1	.5	.1	.0												7439		7382
																		7382		7382	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	42675362	550558	74.6	14.788	7382							
Dry Bulb	4092283	133589	18.0	15.088	7439	95.4	604.8					744
Wet Bulb	3592769	123411	16.7	14.349	7382	102.1	636.3					744
Dew Point	2880928	81318	11.0	16.400	7382	185.5	687.9					744

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

?L??AL CLIMATOLOGY ?RANCH
??AFETA?
A?? ?EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
?-?27	?ATERTOWN NY	74-83	FE?

PAGE 1 — HOURS (L. S. T.): 0000-0200

Temp. (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? / 55			.?															4	4		
4? / 53		.1	.2															3	3		
?2? / 51			.9															7	7	5	
5? / 4?		.3		.1	.1													4	4	7	5
? / 47		.6	.1	.1	.1													?	?	4	5
4 / 45		.7	.3	.1	.6													14	14	7	5
?4? / 43		.2	.5	.2														8	?	7	10
?2 / 41	.1	.2	.2	.2														7	7	10	3
4?? / ??	.2	1.7	.9	.1	.5													29	29	?	5
3? / 37		1.1	.5	.4	.1													17	17	22	7
?? / 35	.3	2.0	.5	.1	.1													27	27	25	1?
3 / 33	.8	2.5	.9	.1														37	37	34	28
?2 / 31	.6	5.1	.4															51	51	44	34
? / 2?	.1	1.9	.9	.1														26	26	43	19
? / 27	.6	2.3	.3	.7														37	37	25	42
? / 25	.7	2.6	.7	.1														?5	35	33	34
?? / 23	.?	2.4	.6															27	27	44	23
2 / 21	2.6	3.2	.4															52	52	55	32
?? / 1?	1.7	3.1	1.2															50	50	42	39
1 / 17	1.4	3.0	.5															41	41	47	41
1 / 15	2.5	3.4	.1															51	51	45	61
1 / 13	2.0	2.5																36	38	47	45
1 / 11	1.4	2.0	.1															30	30	31	42
1 / ?	1.9	1.9	.1															33	33	35	28
/ 7	.9	2.5																29	29	28	36
/ 5	.9	1.3																19	19	30	34
/ 3	.9	1.9																24	25	23	29
/ 1	1.3	3.3																39	39	26	23
? / -1	1.5	.1																14	14	32	26
- / -3	1.4	.2																14	14	14	15
- / -5	2.8	.1																25	25	25	22
- / -7	1.1																	9	9	10	19
- / -9	1.3																	11	11	11	31
-1? / -11	.5																	4	4	4	22

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL.-AL CLIMATOLOGY BRANCH
.SAFETAC
A. .EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7?.227	ATERTOWN NY	74-83	FEB

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

Temp. (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?/-13	.2																	2	7	2	9
-1?/-15	.2																	2	2	2	15
-1?/-17																					11
-1?/-19	.7																	6	6	6	7
-?/-21	.4																	3	3	3	3
-2?/-23																					2
-??/-25	.5																	4	4	4	3
-??/-27	.4																	3	3	3	2
-?/-29																					2
-?/-31																					1
-?7/-33																					4
-3?/-37																					7
TOTAL	3[illegible].0	52.1	11.3	2.5	1.5														845		844
																		844		844	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5038472	64012	75.8	14.757	844							
Dry Bulb	501304	15974	18.9	15.387	845	9.6	67.6					84
Wet Bulb	441235	14835	17.6	14.632	844	11.5	71.1					84
Dew Point	355173	10297	12.2	16.501	844	20.0	75.9					84

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

L FAL CLIMATOLOGY RANCH
ETAC
A WEAT R SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
727	TERTOWN NY	74-83	FEB

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

Temp. (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 / 55			.1															1	1		
4 / 53		.3	.7															4	4		
2 / 51		.4	.2															5	5	3	
5 / 4	.1		.1		.4													5	5	6	4
/ 47		.6	.2		.2													9	9	6	4
4 / 45		.1			.2													3	3	4	3
4 / 4		.5	.4	.1														8	8	4	7
/ 41		.8	.5	.1	.4													15	15	4	4
/	.1	1.7	.7	.4	.1													26	26	16	3
3 / 37		1.5	.3	.2														22	27	22	8
/ 35	.2	1.9	.2	.1														21	21	25	23
/ 33	1.2	3.0	.4	.4														41	41	42	20
/ 31	.5	4.5	1.3	.2														55	55	33	34
/ 2	.2	1.9	.8	.5														26	29	40	28
/ 27	.6	2.6	.4	.2														32	32	41	40
/ 25	.3	2.5	1.5															35	39	34	29
/ 23	1.1	1.5	.1															23	27	38	18
2 / 21	2.1	3.6	.2															50	50	53	42
/ 1	2.4	1.9	.2															37	37	43	41
1 / 17	1.9	2.1	.2															36	36	29	50
1 / 1	2.8	2.7	.1															48	45	42	59
1 / 13	2.1	2.4	.1															39	40	45	33
1 / 11	1.7	2.5																35	35	33	32
/	2.3	2.4																37	37	37	25
/ 7	.9	2.1																26	26	31	35
/ 5	.6	1.7																21	21	22	37
/ 3	.8	1.8																22	22	29	26
/ 1	1.3	3.0																36	36	29	21
/ -1	2.1	.5																22	22	30	20
- / -3	1.3	.2																13	13	16	24
- / -5	1.8	.4																18	18	16	18
- / -7	1.2																	10	10	13	17
- / -9	1.2																	10	10	10	25
-10/-11	1.4																	12	12	12	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												

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

GL.BAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 227	ATERTOWN NY	74-83	FEB

PAGE 2 — HOURS (L. S. T.): 0300-0500

Temp. (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 /-13	1.1																	9	9	9	18
-1 /-15	.6																	5	5	5	14
-1 /-17	.2																	2	2	2	8
- /-19	.4																	3	3	3	12
- /-21	.6																	5	5	5	8
-2 /-23																					6
- /-25	.5																	4	4	4	6
- /-27	.5																	4	4	4	1
- /-29	.6																	5	5	5	2
- /-33																					3
-3 /-37																					5
- /-39																					2
TOTAL	35.8	50.7	9.0	2.2	1.3														846		845
																		845		845	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5113339	64643	76.5	14.113	845							
Dry Bulb	458611	15011	17.7	16.218	846	12.1	65.1					84
Wet Bulb	433291	13965	16.5	15.490	845	13.3	70.9					84
Dew Point	362611	9569	11.3	17.356	845	21.8	76.4					84

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

GL AL CL MATOLOGY BRANCH
SAFETAC
AI EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 227	ATERTOWN NY	74-83	FEB

PAGE 1 — HOURS (L. S. T.): 0600-0800

Temp. (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 / 55			.1															1	1		
4/ 53		.4	.2															5	5		
2/ 51		.4	.1															4	4	5	1
5 / 4		.2			.1													3	3	5	3
/ 47		.4																3	3	5	6
4 / 45		.4		.6														8	8	1	5
4/ 43		.1	.2	.1	.2													6	6	3	3
/ 41		.8	.2	.9	.2													19	19	4	1
4 /		1.7	.8	.2														23	23	13	3
3 / 37	.2	1.5	.7	.4														24	24	26	7
/ 35	.1	3.4	.7	.8														43	43	35	17
3 / 33	.7	2.7	.8	.2	.1													39	39	46	30
/ 31	.5	3.5	.7	.6														45	45	34	46
/ 2		1.9	.7															22	22	40	25
/ 27	.5	2.4	.6	.5														33	33	28	28
/ 25	.4	2.7	.4															29	29	33	34
/ 23	.9	1.1	.5															21	21	38	20
2/ 21	1.3	3.6	.1															46	46	44	39
/ 1	1.8	3.1																41	41	40	41
/ 17	1.8	2.7																38	38	39	36
1 / 1	2.5	1.7	.4															38	38	36	47
1 / 13	.7	1.9																22	22	27	45
1 / 11	1.9	.9																24	24	28	31
10/	2.3	2.3																43	43	37	33
/ 7	1.1	3.0																34	35	38	21
/ 5	.9	.9																16	16	20	32
/ 3	.7	2.5																27	27	24	27
/ 1	1.4	4.5																50	50	42	27
/ -1	3.3	.4																28	28	41	19
- / -3	2.1	.2																19	19	21	20
- / -5	1.7	.1																15	15	15	23
- / -7	1.7																	14	14	15	27
- / -9	1.1																	9	9	9	26
-10/-11	.3																	7	7	7	25

Element (X)	Σx^2	Σx	$\bar{X}$	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL·BAL CLIMATOLOGY BRANCH
·SAFETAC
AT· WEAT·ER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
··6227	·ATERTOWN NY	74-83	FEB

PAGE 2 — HOURS (L. S. T.): C600-0800

Temp. (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 /-13	.																	7	7	7	14
-1 /-1·	.9																	8	6	8	16
-1 /-17	.5																	4	4	4	11
-1 /-19	.4																	3	3	3	14
- ·0/-21	.7																	6	6	6	6
- ·2/-23	.5																	4	5	4	8
-2· /-25	.5																	4	4	4	6
-2 /-27	.5																	4	4	4	
-· /-29	.2																	2	2	2	2
- /-31	.1																	1	1	1	1
- 2/-33	.2																	2	2	2	2
-3·/-35																					2
-3 /-37																					4
-· /-39																					8
-· /-41																					1
··TAL	36.3	51.3	7.3	4.4	.7														846		844
																		844		844	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5129973	64739	76.7	13.955	844							
Dry Bulb	4·4181	14361	17.0	16.867	846	13.7	66.3					84
Wet Bulb	428171	13351	15.8	16.043	844	15.2	69.8					84
Dew Point	363721	9031	10.7	17.800	844	23.5	76.4					84

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

..RAL CLIMATOLOGY BRANCH
SAFETAC
AI WEATHER SERVIC /MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]227	ATERTOWN NY	74-83	FEB

PAGE 1 — HOURS (L. S. T.) 0900-1100

Temp. (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			.1	.1			.1											3	3		
5 / 55			.3		.2													4	4	1	
47/ 53		.5	.1		.1													6	6	3	
2/ 51		.5	.1		.1													6	6	4	4
/ 49		.1			.2													3	3	7	3
/ 47		.5		.3	.2	.2	.1											11	11	3	8
4 / 45		.4	.4	.1	.9	.1												16	16	6	1
4/ 4		.4	.2	.5	1.1													16	19	6	6
2/ 41	.1	.8	.7	.4	.1													18	18	10	2
40/ 39	.1	.9	1.2	.2	.4	.1												24	25	14	5
/ 37		1.9	.7	.6	.1													28	29	36	12
/ 35	.2	3.4	1.3	.5	.2													48	49	37	23
3/ 33	.9	2.4	1.4	.5	.2													46	46	53	26
2/ 31	.4	2.0	.9	.4	.1													32	32	38	39
/ 29		1.9	.8	.2														24	24	34	38
2 / 27	1.3	1.5	.9	.1														33	33	37	31
/ 25	.4	1.8	1.7	.1														33	33	26	41
2/ 23	.8	1.5	.6															25	25	37	20
2/ 21	1.3	2.7	.6															39	39	48	23
0/ 19	.5	4.3	.2															42	42	35	40
/ 17	1.7	4.7	.8															57	57	44	36
1 / 15	1.4	3.8	.6															49	49	55	55
/ 13	.9	3.0	.4															36	36	42	33
1 / 11	.6	1.9	.2															25	25	31	60
/ 9	1.1	4.8	.1															49	49	41	41
/ 7	.3	3.3																30	30	30	30
/ 5	.5	2.1																22	22	36	18
/ 3	.3	3.2																31	31	34	28
/ 1	.5	1.9																20	20	20	27
/ -1	1.5	.5																17	17	24	20
- / -3	.5	.4																7	7	8	31
- / -5	.9	.7																14	14	10	19
- / -7	.6																	5	5	11	24
- / -9	.7																	6	6	6	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 AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	[illegible]ATERTOWN NY	74-83	FEB

PAGE [illegible] 0900-1100 HOURS (L. S. T.)

Temp. (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 /-11	.[illegible]																	8	3	8	2[illegible]
-1 /-13	.1																	1	1	1	7
-1 /-15	.2																	2	2	2	1[illegible]
-1 /-17	.2																	2	2	2	1[illegible]
-1 /-19	.2																	2	2	2	5
- /-21																					5
-2 /-23	.1																	1	1	1	5
-2 /-25																					4
- /-27																					2
- /-2[illegible]																					4
- /-33																					3
TOTAL	19.8	57.2	14.2	3.9	4.2	.5	.2												846		843
																		843		843	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4551235	60403	71.7	16.284	843							
Dry Bulb	575391	18093	21.4	14.934	846	6.5	60.8					84
Wet Bulb	483547	16413	19.5	13.956	843	7.5	66.1					84
Dew Point	367598	11024	13.1	16.290	843	19.2	75.0					84

Mean No. of Hours with Temperature (columns ≤ 0 F through Total)

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

?L?AL CLIMATOLOGY ?RANCH
?AFETAC
A? ?EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
??227	?ATE?TOWN NY	74-83	FEB

PAGE 1 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
4? / 63					.1													1	1		
?/ 61					.1		.4											4	4		
? / 59				.1		.1	.1											3	3		
/ 57		.1	.2															3	3		
5 / 55		.8	.4															8	8	2	
4/ 53		.1		.1	.1	.2												5	5	9	1
?/ 51		.4			.4	.4		.2										11	11	5	6
? / 49		.5			.2	.5	.2											12	12	6	4
? / 47		.5	.1	.1	.4	.5												13	13	8	8
4 / 45		.9	1.0	.1	.8	.1												22	22	4	6
?4/ 43		.1	1.1	1.0	.7													23	23	13	4
?/ 41		.9	1.7	.4	.1													22	22	15	2
4?/ ?		.7	.8	.0	.2	.4												23	23	32	8
? / 37		1.5	1.9	.4	.2	.1												34	34	32	17
? / 35	.2	2.6	2.1	.8	.2													50	52	37	19
3 / 33	.5	2.3	1.5	1.0	.1													45	46	51	31
?/ 31	.5	1.?	1.4	.8	.1													32	32	38	40
?/ 2?	.6	1.5	1.3	.2														31	31	43	29
? / 27	1.1	1.9	1.1	.1														32	32	37	44
? / 25	1.1	3.1	2.6															57	57	49	48
?/ 23	.8	2.1	1.9															36	36	50	17
2/ 21	.3	2.6	2.1															47	47	41	46
? / 19	.6	5.3	1.1															59	59	51	49
1 / 17	.7	4.5	.8															51	51	65	24
1 / 15	.6	2.9	1.9															41	41	41	39
1 / 13	.1	2.3	1.2															30	30	30	56
1 / 11	.6	3.6	.9															42	43	34	70
?/ ?		2.0	.6															22	22	42	35
/ 7		2.9	.1															20	20	25	28
/ 5	.2	1.3																13	13	22	12
/ 3		1.9																16	16	16	16
/ 1		1.4																12	12	17	27
/ -1	.4	.2																5	5	9	28
- / -3		.7																6	6	5	20

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7--227	WATERTOWN NY	74-83	FEB

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

Temp. (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	.3	.7																8	8	5	20
- / -7	.4																	3	3	8	13
- / -9																					24
-1 /-11																					12
-1 /-13																					5
-1 /-15																					6
-1 /-17																					5
-1 /-19																					5
- /-21																					6
- 2/-23																					6
-2 /-25																					1
-2 /-27																					4
-2 /-29																					1
TOTAL	[illegible].1	51.1	27.[illegible]	5.7	3.9	2.3	.7	.2											846		842
																		842		842	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	3986561	56100	66.6	17.199	842							
Dry Bulb	717413	21739	25.7	13.709	846	2.2	56.0					84
Wet Bulb	592171	19427	23.1	12.620	842	2.7	62.7					84
Dew Point	404758	12994	15.4	15.583	842	15.6	73.4					34

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

GL HAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72227	WATERTOWN NY	74-83	FEB

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

Temp. (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					.1			.1										2	2		
60 / 59						.1	.2											3	3		
58 / 57			.1		.1	.1												3	3		
56 / 55		.1	.5															5	5	2	
54 / 53		.1	.4	.1														5	5	2	1
52 / 51		[illegible]		.1	.1	.4	.1											8	8	6	2
50 / 49	.1	.4	.1	.2	.2	.6	.2	.1										17	17	13	3
48 / 47		.5	.4	.2	.2		.1											12	12	7	10
46 / 45	.1	.7	.2	.5	.5	.1												15	15	7	8
44 / 43		.7	.4	.7	.4													18	18	13	3
42 / 41		.5	1.3	.4		.1												19	19	17	5
40 / 39	.1	1.2	.3	.4	.9	.2												27	27	21	10
38 / 37		2.4	1.9	.7	.1													43	43	32	14
36 / 35	.1	3.1	1.9	.7														49	49	38	16
34 / 33	.6	2.4	2.0	.7														48	48	55	43
32 / 31		1.7	1.3	1.8	.1													39	39	48	35
30 / 29	.6	1.9	1.2	.2														33	33	39	34
28 / 27	1.2	2.3	1.2	.4														42	42	46	39
26 / 25	1.5	3.1	2.1	.2														59	59	55	54
24 / 23	.5	2.9	1.5	.1														42	42	47	25
22 / 21	1.1	1.8	2.5	.1														46	46	58	36
20 / 19	1.3	4.0	1.7															53	53	42	45
18 / 17	.6	3.3	1.5															46	46	53	45
16 / 15	.1	3.7	2.9															49	50	38	39
14 / 13	.2	3.1	2.1															46	48	47	52
12 / 11	.3	1.8	1.7															27	27	39	48
10 / 9	.2	1.4	.6															19	19	36	39
8 / 7		2.1																18	18	20	29
6 / 5	.1	1.8																16	16	21	20
4 / 3		.8																7	7	18	26
2 / 1		1.1																9	9	5	28
0 / -1	.1	.6																6	6	10	23
-2 / -3		.1																1	1	4	18

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	WATERTOWN NY	74-83	FEB

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (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		.7																6	6		16
- / -7																				6	21
- / -9																					11
-1 /-11																					12
-1 /-13																					[illegible]
-1 /-15																					2
-1 /-19																					[illegible]
- /-21																					9
-2 /-23																					3
-2 /-25																					3
-2 /-27																					3
TOTAL	.3	49.6	28.5	7.6	2.9	1.7	.7	.2											846		842
																		842		842	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4022067	56325	66.9	17.387	842							
Dry Bulb	720080	22184	26.2	12.796	846	1.3	56.4					84
Wet Bulb	589483	19911	23.6	11.877	842	2.0	63.0					84
Dew Point	410079	13537	16.1	15.127	842	13.3	72.5					84

Columns ≤ 0 F through Total: Mean No. of Hours with Temperature

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72[illegible]227	WATERTOWN NY	74-83	FEB

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (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 / 55			.1	.1														3	3		
4/ 53		.1	.2	.1														4	4	1	
2/ 51			.5	.2														7	7	2	
5 / 4		.4	.1	.1		.7												11	11	5	3
/ 47		.5	.1	.1														7	7	9	3
/ 45	.1	1.2	.4															14	14	8	9
44/ 43		.5	.5	.2	.1													12	12	14	6
/ 41	.1	.5	.7	.6	.1	.1												18	18	7	12
40/ 3		1.3	1.2	.1	.1													23	23	19	10
3 / 37		2.9	.6	.5	.4													33	33	29	8
/ 35		3.4	1.7	.6														48	48	31	19
34/ 33	.1	2.9	1.3	.6	.1													42	42	39	33
/ 31	.1	4.1	.7	.7														47	47	58	29
/ 29	.1	1.9	.8	.2														26	26	38	39
/ 27	1.1	1.9	.9	.1														32	32	35	39
/ 25	1.2	3.8	1.9															58	58	46	46
/ 23	.7	2.1	.9															31	31	48	26
2/ 21	1.4	2.4	1.5	.1														46	46	45	38
/ 19	1.3	2.6	.8															42	42	45	43
1 / 17	.7	3.4	1.1															44	44	33	44
1 / 15	.7	4.5	.6															49	49	42	37
1 / 13	.8	3.7	.5															42	42	51	29
1 / 11	1.7	3.1	.9															43	44	45	37
10/	.7	2.2	.6															30	30	41	39
/ 7	.7	2.4																26	26	32	44
/ 5	.1	1.9																17	17	22	29
/ 3	.7	1.3																19	19	19	36
/ 1	.7	2.4																26	26	27	32
/ -1	.9	.7																10	10	17	23
- / -3	.2	.5																6	6	7	19
- / -5	.6	.1																6	6	6	19
- / -7	.7																	6	6	7	11
- / -9	1.1																	9	9	9	22
-10/-11	.2																	2	2	2	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL?BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7??27	WATERTOWN NY	74-83	FEB

PAGE 2 — 1800-2000 HOURS (L. S. T.)

Temp. (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?/-13																					7
-1?/-15	.4																	3	3	3	7
-1?/-17	.1																	1	1	1	5
-??/-19	.2																	2	2	2	9
-??/-21																					7
-2?/-23																					3
-2?/-25																					4
-2?/-27																					2
-??/-29																					4
-??/-31																					1
-3?/-35																					1
TOTAL	1[illegible].0	[illegible]7.6	18.2	4.5	.8	.8												845	846	845	845

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4627592	61114	72.3	15.682	845							
Dry Bulb	5?7785	18943	22.4	13.916	846	4.5	62.0					84
Wet Bulb	5?5491	17407	20.6	13.193	845	5.4	67.7					84
Dew Point	386781	12177	14.4	15.823	845	15.5	73.8					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

727	WATERTOWN NY	74-83	FEB
STATION	STATION NAME	YEARS	MONTH

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

Temp. (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 / 55			.2															2	2		
4/ 53		.1	.6															6	6		
2/ 51			.8		.1													6	6	4	
/ 49		.1	.4	.1	.1													6	5	6	4
/ 47		.9																8	9	7	7
4 / 45		.7		.1	.4													10	10	9	8
4/ 43		.2	.4	.5	.2													11	11	9	13
/ 41		1.1	.2	.6														16	16	5	5
/ 39	.1	2.2	.7	.2	.1													30	30	20	4
3 / 37	.3	1.9	.5		.4													25	25	31	19
/ 35	.1	2.8	.8	.6	.1													36	36	26	19
3 / 33	.5	2.0	1.3	.4														35	35	31	24
2/ 31	.2	5.8	1.1	.4														63	63	41	26
3/ 29	.7	.9	.6															19	19	62	32
/ 27	.8	1.7	.5															26	25	24	42
/ 25	1.5	3.2	1.7															54	54	39	43
2 / 23	.7	1.9	.8															26	26	46	18
2/ 21	1.9	3.0	1.9															54	54	39	25
/ 19	1.9	2.9	.7															46	46	56	49
1 / 17	1.2	2.7	.2															35	35	38	44
1 / 15	.5	2.7	.1															28	28	27	39
1/ 13	1.3	3.9	.1															44	44	38	35
1 / 11	1.1	2.8	.4															40	40	43	30
10/	1.2	2.8	.4															37	37	39	35
/ 7	.5	2.9	.1															22	22	30	50
/ 5	.8	1.8																22	22	31	31
/ 3	.9	1.5																21	21	19	26
/ 1	2.1	2.9																42	42	37	34
/ -1	1.7	.1																17	17	29	23
- / -3	.7	.1																7	7	7	28
- / -5	1.8																	15	15	16	24
- / -7	1.2																	10	10	10	10
- / -9	.7																	6	6	6	18
-10/-11	.1																	1	1	1	17

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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 AR 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL 'AL CLIMATOLOGY BRANCH
USAFETAC
AT EATHER SERVIC /MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
727	ATERTOWN NY	74-83	FEB

PAGE 2 — 2100-2300 HOURS (L. S. T.)

Temp. (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 /-13	.1																	1	1	1	[illegible]
-1 /-15	.1																	4	4	4	12
-1 /-17	.4																	3	3	3	4
- /-19	.7																	6	6	6	16
- /-21	.2																	2	2	2	4
- 2/-23	.1																	1	1	1	3
- /-25	.1																	1	1	1	1
- /-27	.1																	1	1	1	3
- /-29																					4
- /-31																					1
- /-33																					4
-3 /-35																					1
- /-37																					1
TOTAL	27.9	54.0	14.0	2.9	1.4														845		845
																		345		845	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4946437	63439	75.1	14.753	845							
Dry Bulb	542533	17193	20.3	15.111	845	7.5	65.0					54
Wet Bulb	474909	15937	18.9	14.372	845	8.7	69.3					64
Dew Point	377966	11280	13.3	16.414	845	18.1	74.3					64

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	FEB

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (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
/ 63					.													2	2		
/ 61					.		.0	.0										6	6		
/ 59				.0		.1	.0											6	5		
/ 57		.1	.1	.1	.0	.0	.0											9	9		
/ 55		.1	.3	.1	.0													28	28	5	
/ 53		.2	.3	.0	.0	.0												36	36	15	2
/ 51		.2	.3	.0	.1	.1	.0	.0										54	54	34	13
/ 49	.1	.2	.1	.1	.2	.2	.1	.1										61	61	52	29
/ 47		.6	.1	.1	.1	.1	.1											71	71	49	46
4 / 45	.1	.5	.3	.2	.4	.0												105	105	46	45
4 / 43		.3	.4	.4	.3													104	104	69	52
/ 41	.0	.7	.7	.4	.1	.1												134	134	72	34
/ 39	.1	1.4	.9	.3	.3	.1												205	206	144	48
3 / 37	.1	1.3	.9	.4	.2	.0												226	227	230	92
/ 35	.2	2.9	1.1	.5	.1													322	325	254	149
3 / 33	.7	2.9	1.2	.9	.1													333	334	351	235
/ 31	.3	3.4	1.1	.6	.0													364	364	334	283
/ 29	.3	1.7	.9	.2														209	209	339	244
/ 27	.9	2.0	.8	.3														267	268	273	311
/ 25	.9	2.9	1.6	.1														363	363	315	329
2 / 23	.7	1.9	.9	.0														231	231	348	167
2 / 21	1.6	2.8	1.1	.0														380	380	383	262
/ 19	1.4	3.4	.7															370	370	354	347
1 / 17	1.2	3.3	.6															348	348	348	322
1 / 15	1.4	3.1	.7															353	354	326	375
1 / 13	1.0	2.9	.3															297	300	327	327
1 / 11	1.3	2.3	.4															266	268	284	350
/ 9	1.2	2.5	.3															270	270	308	275
/ 7	.3	2.5	.0															205	206	234	273
/ 5	.6	1.6																146	146	204	213
/ 3	.6	1.9																167	168	182	214
/ 1	.7	2.3																234	234	203	219
/ -1	1.4	.3																119	119	192	181
- / -3	.1	.3																73	73	82	175

Element (X)	Σx^2	Σx	$\bar{X}$	σ_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												

GL?BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7?227 — WATERTOWN NY — 74-83 — FEB
STATION — STATION NAME — YEARS — MONTH

PAGE 2 — ALL
HOURS (L. S. T.)

Temp. (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	1.2	.4																107	107	93	161
- / -7	.8																	57	57	80	142
- / -9	.?																	51	51	51	173
- /-11	.?																	34	34	34	147
-1 /-13	.3																	20	20	20	73
-1 /-15	.4																	24	24	24	62
-1 /-17	.2																	12	12	12	56
-1 /-19	.3																	22	22	22	75
- 0/-21	.2																	16	16	16	53
- 2/-23	.1																	6	7	6	36
-2 /-25	.2																	13	13	13	29
-2 /-27	.2																	12	12	12	17
- /-29	.1																	7	7	7	19
- 0/-31	.1																	1	1	1	4
- 2/-33	.0																	2	2	2	16
-3 /-35																					4
-3 /-37																					17
-3 /-39																					16
- /-41																					1
TOTAL	23.7	52.9	16.2	4.2	2.1	.7	.2	.1											6766		6750
																		6750		6750	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	37415725	490775	72.7	16.023	6750							
Dry Bulb	4617798	143498	21.2	15.255	6766	57.3	502.2					672
Wet Bulb	3938298	131246	19.4	14.332	6750	66.4	540.5					672
Dew Point	3028687	89909	13.3	16.472	6750	146.9	597.8					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]227	WATERTOWN NY	74-83	MAR

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (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
/ 65							.3											3	3		
/ 63					.1													1	1		
/ 61								.1										1	1		
/ 59			.7	.1		.1	.4											8	8		
/ 57		.1			.2	.1	.1											5	5	1	
/ 55		.2	.4	.3	.3	.3												15	15	4	
/ 53		.2	1.1	.2		.1	.1											15	15	6	2
/ 51		.1	.3	.2		.3												9	9	11	3
/ 49		.3	.1	.1	.2													7	7	14	5
/ 47		.1			.1	.1												3	3	17	13
/ 45		.8		.3	.3													13	13	7	9
/ 43		.5	.6	.6	.1													16	18	10	8
/ 41	.1	.8	.4	.8	.2													23	23	9	12
/ 39	.4	1.7	1.8	.3														40	40	31	12
/ 37	.2	1.8	1.2	.2														32	32	39	15
/ 35	.5	5.5	2.1	.1	.2													78	78	49	31
/ 33	2.8	4.0	.6	.5														74	77	94	64
/ 31	2.1	8.0	2.2	.2														115	115	92	76
/ 29	1.7	4.0	2.1	.1														73	73	92	88
/ 27	.9	3.2	1.9	.1														57	57	71	62
/ 25	.9	4.5	1.1	.3														70	73	72	65
/ 23	.3	3.2	.3	.2														42	42	63	27
/ 21	.1	1.9	.5															32	32	46	56
/ 19	1.4	2.6	.3															40	40	46	52
/ 17	.2	2.8	.5															33	33	29	66
/ 15	.4	1.8	.5															26	26	29	40
/ 13	.8	1.5																21	21	24	34
/ 11	.6	.8	.1															14	14	24	39
/ 9	.5	1.1																15	15	15	34
/ 7	.3	.1																4	4	11	19
/ 5	.1	.9																6	6	5	8
/ 3		.4																4	4	6	11
/ 1	.5	.1																6	6	6	19
/ -1	.3	.2																5	5	3	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7? .227	WATERTOWN NY	74-83	MAR

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

Temp. (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
- / -3	.3	.3																5	5	7	11
- / -5	.4	.1																5	5	4	4
- / -7	.2																	2	2	3	5
- / -	.2																	2	2	2	5
- /-11	.1																	1	1	1	4
-1 /-13	.2																	2	2	2	1
-1 /-15																					4
-1 /-17																					1
-1 /-19																					2
- /-21																					3
- 2/-23																					2
TOTAL	17.6	53.6	19.9	4.9	1.8	1.1	1.[illegible]	.1											928		925
																		925		925	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5617758	70822	76.6	14.550	925							
Dry Bulb	939494	27262	29.4	12.228	928	2.2	58.1					93
Wet Bulb	806607	25249	27.3	11.272	925	2.2	63.6					93
Dew Point	615685	20783	22.5	12.687	925	5.5	75.4					93

(Columns ≤ 0 F through Total: Mean No. of Hours with Temperature)

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

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

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]227	[illegible]ATERTOWN NY	74-83	MAR

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

Temp. (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
67/ [illegible]						.1	.3											6	5		
[illegible]/ 61						.1		.2										4	4		
[illegible]/ 59			.1			.1	.1											3	3		
[illegible]/ 57		.1	.2															3	3		
5[illegible]/ 55		.2		.7			.2											10	10	9	
4[illegible]/ 53		.3	.7	.2			.1											12	12	5	5
[illegible]/ 51		.2	.7	.1														9	9	6	4
5[illegible]/ 49		.1	.3	.4	.1	.1												10	10	17	2
[illegible]/ 47	.1	.4	.2	.1	.1	.1												10	10	10	10
4[illegible]/ 45	.1	.2	.3	.2	.5													13	13	10	16
[illegible]47/ 43		.4	1.3	.4														20	23	12	7
[illegible]/ 41	.2	.9	.9	.2														20	23	14	13
[illegible]/ 39	.2	1.6	1.3	.2														36	36	24	12
[illegible]/ 37	.2	1.5	1.2	.1														28	28	36	15
[illegible]/ 35	.4	3.8	1.1	.2														51	51	40	29
3[illegible]/ 33	2.0	4.6	1.0															69	72	71	44
[illegible]2/ 31	1.6	7.3	1.4	.2														97	97	68	68
[illegible]/ 29	2.8	4.3	2.9	.7														99	99	94	83
[illegible]/ 27	1.7	2.6	1.3	.3														55	55	75	67
[illegible]/ 25	.8	4.9	.3	.1														60	61	71	71
2[illegible]/ 23	.7	1.8	.5	.2														22	32	61	24
2/ 21	1.6	2.7	.7															46	46	48	50
[illegible]/ 19	1.4	3.9	.7															54	54	48	67
1 / 17		3.1	.4															33	33	37	50
1 / 15	.4	2.3	.4															29	29	34	36
[illegible]/ 13	.5	1.5	.4															23	23	20	36
1[illegible]/ 11	1.2	1.8																28	29	32	45
10/ [illegible]	.9	.9																16	16	27	35
/ 7	.1	.2																3	3	8	23
/ 5		.2																2	2	4	19
[illegible]/ 3	.1	.5																6	6	6	13
/ 1	.3	.1																4	4	3	16
/ -1	.4																	4	4	5	8
- / -3	.4	.3																7	7	4	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 JUL 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]227	WATERTOWN NY	74-83	MAR

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

Temp. (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	1.	.1																10	1[illegible]	12	7
- / -7	.7																	5	[illegible]	7	1[illegible]
- / -9	.[illegible]																	2	[illegible]	2	7
-[illegible] /-11																					5
-1 /-13	.3																	3	3	3	[illegible]
-1 /-15																					4
-1 /-17																					1
-1 /-19																					5
-[illegible] /-21																					1
-[illegible] /-25																					3
-[illegible] /-27																					1
TOTAL	20.	53.0	19.5	4.4	.9	.9	.8	.2											927		923
																		923		923	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	56388[illegible]	71258	77.2	14.260	923							
Dry Bulb	886332	26126	28.2	12.728	927	3.2	62.2					9[illegible]
Wet Bulb	765991	24252	26.3	11.818	923	3.3	67.4					[illegible]3
Dew Point	592503	19887	21.5	13.338	923	6.3	77.2					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
? 227	WATERTOWN NY	74-83	MAR

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (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
/ 63						.1												3	3		
/ 61					.3	.2												5	5		
/ 59				.1	.1		.1											3	3		
/ 57			.3	.1		.1	.2											7	7		
5 / 55		.3	.1	.2	.1													7	7	5	
4 / 53	.2	.1	.4															11	11	11	5
/ 51		.2	.1	.4		.1												8	8	5	5
/ 49	.1	.3	.2	.1	.2													9	9	16	1
/ 47		1.1	.3	.2	.2													17	17	7	14
4 / 45		.4	.6	.1	.4													15	15	17	1?
/ 43		.8	.3	.8														20	20	10	13
/ 41	.3	.8	1.5	.2	.1	.1												26	28	19	17
/ 39	.2	1.1	2.9	.4	.1													43	43	26	15
/ 37		1.4	1.3	.5														30	30	39	1?
/ 35	.3	2.9	1.2	.2														43	43	40	23
3 / 33	2.2	5.3	1.3															81	82	69	46
/ 31	2.1	7.1	1.7	.3														104	104	96	97
/ 29	2.4	3.4	2.2	.4														77	76	83	71
/ 27	1.5	2.2	1.1	.2														46	48	61	75
/ 25	1.3	3.7	.8	.1														54	55	62	59
/ 23	.2	1.2	1.1															23	23	43	19
2 / 21	1.3	2.3	1.3															44	44	46	44
/ 19	1.3	4.3	.9															60	60	54	5?
1 / 17	.6	2.6	.6															36	36	42	33
1 / 15	.3	2.9	.4															34	34	26	45
1 / 13	.8	1.6																22	22	39	39
1 / 11	1.3	1.9	.3															33	33	28	30
1 / 9	.2	.7																10	10	21	35
/ 7	.5	.4																9	9	15	32
/ 5	.4	.1																3	3	5	19
/ 3	.3	.2																5	5	5	27
/ 1	.1	.5																6	6	5	14
/ -1	.1																	1	1	2	13
- / -3	.4																	4	4	4	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible] 227	[illegible]ATERTOWN NY	74-83	MAR

PAGE 2 — HOURS (L. S. T.): 0600-0800

Temp. (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	.8	.1																7	7	6	13
- / -7	.2																	2	2	3	5
- / -9	.9																	8	8	6	7
- / -11	.2																	2	2	2	5
-1 / -13	.4																	4	4	4	1
-1 / -15																					7
-1 / -17	.1																	1	1	1	4
-1 / -19																					2
- / -21																					1
-2 / -23																					1
- / -25																					1
- / -27																					2
- / -29																					1
TOTAL	21.1	50.1	21.3	4.5	1.6	.9	.3												930		925
																		925		925	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5663449	71123	76.9	14.521	925							
Dry Bulb	901678	26318	28.3	12.996	930	2.9	59.9					93
Wet Bulb	780755	24403	26.4	12.175	925	3.0	66.5					93
Dew Point	607033	19961	21.6	13.813	925	6.7	77.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]227	WATERTOWN NY	74-83	MAR

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

Temp. (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
/ 79											.1							1	1		
74/ 73									.1									1	1		
/ 71								.1										1	1		
6 / 67					.1		.2	.2										5	5		
67/ 65					.2		.1	.2										5	5		
4/ 63				.1	.3	.1		.1										6	6		
/ 61				.1	.4	.3	.1	.1	.1									10	10		
/ 59		.1	.3	.1			.1											6	6	4	
/ 57		.3		.2	.3	.2	.3											13	13	5	
5 / 55	.4		.1	.2	.1	.3	.2											11	11	14	5
4/ 53	.1		.4	.1	.1	.9												15	15	10	8
/ 51		.4	.5	.2	.6	.2												19	19	6	
5/ 49		.8	.4	.3	.9	.2												23	23	18	5
/ 47		.5	.3	.6	.6													20	20	17	16
4 / 45		1.7	.3	.2	.3	.1	.3											29	29	27	17
4/ 43		.5	1.0	1.2	.2	.1	.1											29	29	20	16
/ 41		1.2	1.1	.3	.3													31	31	36	11
40/ 39	.4	2.5	2.7	.6	.4													62	62	36	24
3 / 37	.3	3.7	2.0	.5		.1												62	62	64	25
3 / 35	1.2	4.1	2.2	1.0	.4													62	62	73	47
3/ 33	.9	4.1	2.7	1.3	.2													82	82	87	75
/ 31	1.4	4.3	2.2	.9	.2													83	83	79	97
/ 29	1.3	1.6	2.4	.9														53	53	71	84
/ 27	.1	1.9	1.2	.5														35	35	51	46
/ 25	.4	2.6	1.6	.8														50	50	56	45
2/ 23	.1	1.1	1.5	.2														27	27	42	25
2/ 21	.5	1.3	1.8	.2														36	36	36	46
/ 19	.1	1.2	2.7	.3														34	34	40	53
/ 17	.1	1.1	1.0															20	20	28	31
1 / 15	.3	1.4	.9															24	24	28	23
1/ 13	.2	1.5	.8															22	22	22	32
1 / 11	.2	.6	.2															10	10	22	40
/ 9	.1	.2	.1															4	4	13	22
/ 7		.8																7	7	5	20

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
..727	WATERTOWN NY	74-83	MAR

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp. (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	2?
/ ?		.?																2	2		1?
/ 1		.8																8	8	7	23
/ -1																				3	12
- / -3																					14
- / -	.1	.1																2	2	1	7
- / -7																				1	3
- / -9																					4
-1?/-11																					6
-1?/-15																					4
-1 /-17																					1
-1 /-19																					2
TOTAL	7.9	39.8	30.0	11.0	6.2	2.3	1.5	.8	.2		.1							929	929	929	929

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	4724680	64242	69.2	17.439	929							
Dry Bulb	1207749	31403	33.8	12.553	929	.2	41.7	.8	.2	.1		93
Wet Bulb	986002	28394	30.6	11.284	929	.5	51.3					93
Dew Point	705113	22279	24.0	13.568	929	5.3	68.1					93

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 027	WATERTOWN NY	74-83	MAR

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (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] / [illegible]											.1	.1						2	2		
/ 1											.1							1	1		
7 / 77								.1										1	1		
/ 75							.1		.1									2	2		
7 / 73									.1									1	1		
/ 71						.1	.1	.1	.1									4	4		
/ 69						.1			.1	.1								3	3		
6 / 67						.1	.1	.2	.1									5	5		
6 / 65					.1	.1	.4			.1								7	7		
/ 63					.1	.5		.1	.1									8	8	3	
/ 61				.2	.1	.4	.1	.1	.1									10	10	4	
/ 59		.1			.6	.2	.3	.2										14	14	5	
/ 57		.4	.1	.2	.2	.3	.5											17	17	3	
5 / 55	.1	.2		.3	.8	.5	.1											19	19	17	6
/ 53		.2	.4	.1	.2	.2	.4											15	15	12	6
/ 51		.5	.1	.3	.5	1.2	.2											30	30	16	6
5 / 49		.6		1.0	.4	.5	.2											28	28	20	6
/ 47	.1	.1	.4	.3	1.0	.3	.1											26	26	29	20
4 / 45		.9	.5	.6	.8	.1												27	27	18	16
4 / 43	.2	1.6	.8	1.2	.6	.1												42	42	35	15
/ 41	.3	1.4	1.6	1.0	.5	.3	.1											49	49	47	27
4 / 39	.3	2.4	2.7	1.1	.3	.2	.2											67	67	55	26
/ 37	.2	3.[illegible]	2.5	2.[illegible]	.8													85	85	50	37
/ 35	.9	3.6	2.5	1.4	.6													83	83	89	42
3 / 33	1.0	1.9	2.4	1.2	.6													66	66	86	66
/ 31	.9	1.7	2.1	1.6	1.1													68	68	59	108
/ 29	.4	1.4	2.0	1.[illegible]	.4													49	49	65	55
/ 27	.1	1.5	1.6	1.2	.1													42	42	55	43
/ 25	.4	1.2	2.5	.6														44	44	58	54
/ 23	.2	.2	1.2	.2														17	19	49	33
2 / 21	.6	.2	1.6	.2														25	25	40	50
/ 19	.3	1.2	1.9															32	32	29	44
1 / 17		1.3	.4															16	16	29	26
1 / 15	.3	.3																6	6	23	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]227	ATERTOWN NY	74-83	MAR

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp. (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 / 13	.1	.9	.2															8	8	6	29
1 / 11		.1	.3															4	4	5	55
[illegible] / [illegible]			.1															1	1	3	39
/ [illegible]		.1	.3															4	4	4	21
/ [illegible]																				3	16
/ [illegible]		.1																1	1	1	11
/ 1																				1	14
/ -1																					9
- / -3																					4
- / -5																					2
- / -7																					1
- / -9																					2
-1[illegible]/-11																					2
-1[illegible]/-15																					3
-[illegible]/-17																					2
TOTAL	[illegible].6	27.7	28.5	16.3	10.0	5.7	3.1	.9	.8	.2	.2	.1							930		929
																		929		929	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	4220453	56118	64.7	18.859	929							
Dry Bulb	1449727	34887	37.5	12.320	930		31.8	1.9	.7	.3		93
Wet Bulb	1130569	30869	33.2	10.578	929		43.7					[illegible]
Dew Point	763199	23811	25.6	12.836	929	2.4	65.4					[illegible]

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
227	WATERTOWN NY	74-83	MAR

PAGE 1 — 1500-1700 HOURS (L.S.T.)

Temp. (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 / 77								.2										2	2		
4 / 73							.1	.2		.1								4	4		
/ 71							.1			.1								4	4		
/ 69						.1	.1		.1	.2								5	5		
/ 67						.1	.2			.1								4	4		
6 / 65					.1	.1												2	2		
4 / 63					.1	.5				.1								6	4	3	
/ 61				.1		.1	.3	.1	.2									9		1	
/ 59				.1	.5	.2	.1	.1										12	[illegible]	5	
/ 57		.3	.1	.2	.5	.8	.3											21	21	6	
5 / 55		.2		.4	.6	.4												16	16	8	7
4 / 53		.1	.2	.5	.2	.5	.6											22	22	12	6
2 / 51		.3	1.1	.3	.2	.6	.4											28	28	15	9
/ 49			.1	.1	.9	1.0												19	19	23	6
/ 47		1.1	.3	.6	1.7	.6												34	34	33	8
4 / 45		.9	.4	1.0	1.0	.2												32	32	21	21
4 / 43	.3	1.7	.4	1.3	.1	.3												44	44	28	25
/ 41	.1	.9	.4	2.1	.5	.3												40	40	51	21
/ 39	1.0	2.7	2.8	.5	.4	.2												69	69	59	37
/ 37	.4	3.3	2.3	1.6	.2	.3												76	76	58	39
/ 35	.5	3.7	2.3	1.8	1.2													94	94	94	37
3 / 33	.5	2.7	2.7	1.6	1.0													79	79	77	55
/ 31	1.1	1.9	2.7	3.0	.1													82	82	73	105
/ 29	.5	1.5	2.3	.6	.2													46	46	65	76
/ 27	.3	.5	1.4	1.0	.1													33	33	74	55
/ 25	.3	1.4	2.3	.9														45	45	58	59
2 / 23	.3	.8	1.7	.4														30	30	40	30
2 / 21	.5	1.0	1.5															28	28	45	44
/ 19	.1	.8	.3															15	15	34	45
1 / 17	.1	.5	.4															10	10	16	38
1 / 15	.3	.2	.2															7	7	14	36
1 / 13		.1	.1															2	2	7	35
1 / 11		.1	.4															5	5	1	44
1 / 9																				2	27

Element (X)	Σ X²	Σ X	X̄	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY [illegible]RANCH
[illegible]AFETAC
A[illegible] [illegible]EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	[illegible]ATERTOWN NY	74-83	MAR

PAGE [illegible] 1500-1700 HOURS (L. S. T.)

Temp. (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]/ 7		.1																1	1	4	2[illegible]
[illegible]/ [illegible]		.1																1	1	1	17
[illegible]/ [illegible]		.1																1	1	1	12
[illegible]/ [illegible]																				1	1[illegible]
[illegible]/ -1																					6
- / -3																					[illegible]
- / -5																					1
- / -7																					[illegible]
- / -9																					[illegible]
-1[illegible]/-15																					[illegible]
-1[illegible]/-17																					[illegible]
TOTAL	.7	27.2	27.3	18.9	9.7	6.9	2.3	.6	.3	.6									930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	4251174	60400	64.9	15.802	930							
Dry Bulb	1449594	35096	37.7	11.607	930		30.6	1.9	.6			9[illegible]
Wet Bulb	1133[illegible]3[illegible]	[illegible]1133	33.5	9.936	930		43.6					[illegible]
Dew Point	763175	24127	25.9	12.155	930	1.5	67.[illegible]					[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7?.227	WATERTOWN, NY	74-83	MAR

PAGE 1 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
47 / 73							.1											1	1		
/ 71						.1												1	1		
/ 69						.1	.1											2	2		
/ 67						.1	.1											2	2		
5 / 65					.1													1	1		
/ 63				.1	.1			.1										3	3	1	
/ 61				.1				.2										3	3	1	
/ 59				.1	.2		.1											4	4	2	
/ 57		.3		.1	.3		.1	.1										9	9	4	
5 / 55		.2	.1	.4	.1		.1											9	9	6	6
47 / 53		.1	.1	.3	.3	.5	.1											16	16	2	1
/ 51		.1	.5	.3	.2													11	11	9	4
/ 49		.2	1.1	.1	.5	.4												25	25	8	[illegible]
/ 47		.9	.2	.1	.5	.2												17	17	21	5
4 / 45		.8	.5	.4	.4	.4												24	24	27	16
44 / 43	.1	1.1	1.3	1.2	.3													37	37	16	20
/ 41	.5	1.2	1.4	.6	.4													39	39	34	19
40 / 39	.3	1.3	2.3	.9	.1	.1												50	50	41	13
/ 37	.3	3.2	2.7	.8	.4													63	63	55	33
/ 35	.4	5.9	2.9	1.3	.2													99	99	69	39
34 / 33	1.1	5.4	2.1	1.1														89	91	109	47
/ 31	1.2	4.9	4.3	1.1	.3													108	108	81	106
/ 29	1.1	1.9	3.3	.6														69	69	90	96
/ 27	.3	2.5	1.9	.4														49	50	66	62
/ 25	1.3	1.7	1.7	.3														46	46	85	58
/ 23	.4	1.3	.9	.3														27	27	39	32
22 / 21	.5	1.9	1.2	.1														35	35	40	48
/ 19	.3	1.4	1.5	.1														31	31	31	68
1 / 17	.2	.6	.5															13	13	32	42
1 / 15	.6	1.7	.2															17	17	23	47
/ 13	.1	.6																7	7	6	37
1 / 11	.2	.1	.1															6	6	9	22
1 / 9		.1																1	1	3	22
/ 7		.2																2	2	2	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 727	WATERTOWN NY	74-83	MAR

PAGE 2 — 1800-2000 HOURS (L. S. T.)

Temp. (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]	.1	.1																2	[illegible]	3	11
/ [illegible]		.3																3	3	2	15
/ 1		.4																4	4	5	11
/ -1	.1	.1																2	2	2	5
- / -3																				1	2
- / -5																					1
- / -7																					4
- / -9																					4
- /-11																					4
-1 /-15																					2
TOTAL	9.1	40.7	31.0	11.3	4.7	2.1	.3	.4										927	930	927	927

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4994963	66411	71.6	16.006	927							
Dry Bulb	1171117	31489	33.9	10.628	930	.2	42.3	.6	.1			93
Wet Bulb	972133	28653	30.9	9.664	927	.3	52.4					93
Dew Point	706947	23237	25.1	11.594	927	2.2	72.0					93

Mean No. of Hours with Temperature

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

GL AL CLIM TOLOGY RANCH
 AFETAC
A EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

227	ATERTOWN NY	74-83	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (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
/ 67							.2											2	2		
6/ 65							.1											1	1		
/ 6			.1					.1										2	2		
/ 59			.1	.4	.1		.4	.1										13	13		
/ 57		.1	.1	.2		.2		.1										7	7	2	
5 / 5		.1	.2	.8	.2	.1												12	12	5	1
47/ 5	.1		.1			.1												6	6	8	5
/ 51			.3	.2	.1	.2												12	12	5	1
/ 4	.1	.2	.5	.2	.2													12	12	10	3
/ 47		.4	.1		.5													10	10	22	11
4 / 45		.8	.2	.1	.1	.2												13	13	14	15
4/ 43		.2	.6	.9	.2	.1												17	17	12	9
/ 41	.4	1.4	1.1	.9														35	35	11	13
/ 3	.3	1.5	2.2	.5	.1													43	43	34	13
/ 37	.1	2.7	1.9	.4	.1													49	49	38	18
/ 35	.3	6.5	.9	.3	.3													84	84	69	36
3/ 33	1.3	7.1	1.4	.1														92	95	104	60
/ 31	1.2	7.5	3.1	.8														116	117	86	98
/ 29	1.7	3.8	3.5	.2														85	85	95	86
/ 27	.8	3.7	2.6	.2														61	61	74	83
/ 25	.4	3.0	1.3	.4														54	54	76	52
2 / 2	.1	1.0	.1															11	11	57	29
2/ 21	1.3	2.5	.6															38	39	27	55
/ 1	.3	3.8	1.3	.1														50	50	39	63
/ 17	.3	1.5	.5															26	26	41	43
1 / 1	.5	1.8																22	22	26	48
1/ 13	.4	1.1																14	14	23	39
1 / 11	.4	.5	.1															10	10	13	38
/	.4	.4																6	6	7	22
/ 7		.1																1	1	5	17
/		.2																2	2	2	9
-/		.3																3	3	3	20
/ 1	.1	.3																4	4	2	7
/ -1	.3	.1																4	4	5	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL PAL CLIMATOLOGY BRANCH
USAFETAC
AT WEAT ER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
. 27	ATERTOWN NY	74-83	MAR

PAGE 2 — 2100-2300 HOURS (L. S. T.)

Temp. (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
- / -3	.3																	3	3	4	2
- / -5	.3																	3	3	3	6
- / -7	.1																	1	1	1	2
- / -9	.1																	1	1	1	6
-10/-11																					4
-1 /-13																					2
-1 /-15																					4
- /-21																					1
TOTAL	12.4	52.1	24.4	6.7	2.1	1.1	1.0	.3										926	930	926	926

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5428876	69612	75.2	14.549	926							
Dry Bulb	1028236	29126	31.3	11.177	930	1.2	51.6	.2				93
Wet Bulb	672782	26812	29.	10.211	926	1.4	59.5					93
Dew Point	655977	22129	23.9	11.724	926	3.2	74.4					93

(Columns ≤ 0 F through Total: Mean No. of Hours with Temperature)

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

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
727	WATERTOWN NY	74-83	MAR

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (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]											.0	.0						2	2		
/ 81											.0							1	1		
/ 79											.0							1	1		
7 / 77								.0										3	3		
/ 75							.0		.0									2	2		
4/ 73							.0	.0	.0	.0								7	7		
/ 71						.0	.1	.0	.0	.0								10	10		
/ 69						.0	.0		.0	.0								10	10		
5 / 67					.0	.0	.1	.1	.0	.0								18	18		
6/ 65					.1	.1	.2	.0		.0								25	25		
4/ 63				.0	.1	.2		.0	.0	.0								28	28	7	
/ 61			.0	.1	.1	.2	.1	.1	.1									44	44	6	
/ 59		.0	.1	.1	.2	.1	.0	.1										63	63	16	
/ 57		.2	.1	.1	.2	.2	.2	.0										82	82	21	
5 / 55	.0	.2	.1	.4	.3	.2	.1											99	99	68	21
4/ 53	.1	.1	.3	.2	.1	.3	.2											112	112	66	39
/ 51		.3	.0	.3	.2	.3	.1											127	127	73	33
/ 49	.0	.3	.3	.4	.4	.3	.0											133	133	126	33
/ 47	.0	.6	.2	.3	.5	.2	.0											137	137	156	97
4 / 45	.0	.7	.4	.4	.5	.1	.0											166	166	141	120
4/ 43	.1	.8	.9	1.0	.2	.1	.0											227	227	143	114
/ 41	.3	1.1	1.1	.9	.3	.1	.0											265	265	221	133
4 / 39	.4	1.9	2.4	.6	.2	.1	.0											410	410	306	158
3 / 37	.3	2.7	1.8	.6	.2	.1												425	425	389	192
/ 35	.7	4.5	1.9	.8	.4													614	614	523	273
3 / 33	1.5	4.4	1.8	.7	.2													632	644	697	457
/ 31	1.4	5.3	2.4	1.0	.2													773	774	624	755
/ 29	1.5	2.7	2.6	.6	.1													551	552	645	639
/ 27	.7	2.2	1.6	.5	.0													378	381	527	493
/ 25	.7	2.9	1.7	.4														423	425	538	467
/ 23	.3	1.3	1.0	.2														209	210	394	219
2/ 21	.9	1.7	1.1	.1														284	264	328	393
/ 19	.7	2.4	1.2	.1														316	316	321	454
1 / 17	.3	1.7	.6															187	187	254	334

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

727	ATERTOWN NY	74-93	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — ALL — HOURS (L. S. T.)

Temp. (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	Wet Bulb	Dew Point
1 / 1	.4	1.0	.1															165	165	205	303
1 / 12	.4	1.1	.2															119	119	149	261
1 / 11	.3	.7	.2															110	113	134	313
/	.2	.4	.1															53	53	91	231
/	.1	.3	.1															31	31	54	173
/	.2	.2																16	16	30	119
/	.1	.4																25	25	24	120
/ 1	.1	.3																32	32	30	119
/ -1	.3	.1																16	16	20	68
- / -3	.2	.1																19	19	20	48
- / -5	.3	.1																27	27	26	41
- / -7	.1																	11	11	15	32
- / -9	.2																	13	13	13	37
- /-11	.0																	3	3	3	30
-1 /-13	.1																	9	9	9	6
-1 /-15																					30
-1 /-17	.0																	1	1	1	11
-1 /-19																					11
- /-21																					6
- 2/-23																					3
-2 /-25																					4
-2 /-27																					3
- /-29																					1
TTL	12.7	43.0	25.2	9.8	4.5	2.6	1.4	.4	.2	.1	.0	.0							7434		7414
																		7414		7414	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	40590158	533984	72.0	16.953	7414							
Dry Bulb	9033929	241707	32.5	12.574	7434	9.9	378.2	5.4	1.6	.4		744
Wet Bulb	7449091	219785	29.6	11.223	7414	10.7	447.1					744
Dew Point	5409634	176214	23.8	12.836	7414	33.2	576.4					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]227	WATERTOWN NY	74-83	APR

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (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
/ 69									.1									1	1		
/ 67			.1		.2													3	3		
6 / 65			.1	.1	.1	.1	.2	.2										8	8		
4 / 63			.1	.1	.1	.3												6	6	1	
/ 61		.2	.5	.2		.1												10	10	4	
/ 59	.1	.3	.3	.2		.3	.6											22	22	9	4
/ 57		.9	.1	.2	[illegible]	.1	.1											13	14	9	10
5 / 55		.7	[illegible]	.3	.1	.3	.3	.1										19	20	17	6
4 / 53		.1	1.0	.1		.7												19	19	11	10
2 / 51		.6	.7	.3	.5	.5												22	22	13	9
/ 49	.3	.8	1.4		.3	.3												28	28	27	14
4 / 47	.2	1.9	.7	.1	.5													27	29	22	18
4 / 45	.3	1.1	1.1	.7	.5													33	39	45	19
4 / 43		2.3	1.4	.8	.2													41	43	30	28
2 / 41	.7	2.3	3.2	.8	.1													62	64	48	26
/ 39	1.6	4.1	2.9	.7														83	86	61	54
/ 37	1.1	5.3	2.1	1.4														86	86	80	45
3 / 35	.6	3.3	2.3	1.7														69	72	87	51
3 / 33	.8	5.7	2.0	.8														80	81	72	69
2 / 31	.5	6.5	2.8	.5														90	90	81	111
/ 29	.9	4.3	1.4	.1														59	59	91	65
/ 27	.4	2.6	.7	.2														36	36	70	65
/ 25	.5	1.9	.3															25	25	48	68
2 / 23	.5	.9	.3	.1														15	15	22	45
2 / 21	.3	.5	.5															12	12	12	55
/ 19		.2																2	2	8	44
1 / 17		.1	.1															2	2	3	23
1 / 15		.9																4	4	1	12
1 / 13		.2																2	2	5	9
1 / 11																				2	4
/ 9																					7
/ 7																					2
/ 5																					2
/ 1																					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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	WATERTOWN NY	74-83	APR

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

Temp. (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	9.8	46.7	27.1	9.3	2.9	3.3	1.3	.3	.1									879	898	879	879

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5259135	66805	76.0	14.393	879
Dry Bulb	14545[illegible]	35020	39.0	9.954	898
Wet Bulb	1210532	31656	36.0	8.963	879
Dew Point	958927	27673	31.5	9.995	879

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		24.8	.4				90
Wet Bulb		35.1					90
Dew Point		52.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72.227	WATERTOWN NY	74-83	APR

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

Temp. (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 / 67								.1										1	1		
6 / 65				.1			.1	.1										4	4		
4 / 63				.1	.3	.1	.6											12	12		
/ 61		.7	.1		.1	.3	.1											12	12	1	
/ 59		1.1	.1	.1	.1	.2	.3											30	21	10	1
/ 57		.7	.2			.1	.1											13	15	12	13
/ 55		.1	.2	.3	.2	.6												14	15	14	9
4 / 53		.1	.9	.1	.2	.1	.1											15	15	7	9
2 / 51		.3	.3	.5	.6	.6	.1											23	23	15	2
5 / 49	.5	.6	.3		.5	.5												24	24	22	14
/ 47		1.8	.5	.1	1.0	.1												32	34	22	7
4 / 45	.1	2.3	1.1	.1		.1												33	36	34	24
4 / 43	.1	1.7	1.1	.3														29	31	36	20
/ 41	.7	2.6	3.2	.2														59	63	51	31
/ 39	.7	4.8	1.4	.2														64	66	54	50
/ 37	.5	4.2	1.5	.5														58	60	75	43
/ 35	.7	4.9	2.3	.6														75	76	58	66
3 / 33	.8	5.4	2.7	.2														81	84	73	62
2 / 31	.9	6.2	3.3	.1														92	92	92	92
/ 29	.6	3.8	1.9	.2														57	57	79	60
/ 27	.7	3.5	1.3															48	45	69	68
/ 25	.6	3.9	.7															45	45	56	64
2 / 23	.3	1.5	.1															16	18	43	31
2 / 21	.3	1.7	.7															24	24	25	72
/ 19	.3	.2	.5															12	12	15	49
1 / 17	.3																	3	3	7	30
1 / 15		.3																3	3	7	17
1 / 13		.5																4	4	1	11
1 / 11	.2																	2	2	6	12
/ 9																					4
/ 7																					4
/ 5																					1
/ 3																					7
/ 1																					2

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

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72?227	WATERTOWN NY	74-83	APR

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

Temp. (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	[illegible].6	53.1	25.0	4.2	3.1	3.3	1.5	.2										874	897	874	874

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5399519	67589	77.3	14.063	874							
Dry Bulb	1370653	33774	37.7	10.511	897		30.9	.1				90
Wet Bulb	1140015	30471	34.9	9.433	874		40.2					90
Dew Point	908861	26719	30.6	10.768	874		53.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	APR

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

Temp. (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
/ 71									.1									1	1		
/ 69									.2									2	2		
/ 67				.1	.1		.1											4	4		
6/ 65				.3	.1	.1	.1		.1									7	7		
/ 63			.3	.1	.2	.1	.2											10	12		
/ 61		.3	.5	.2	.2	.2	.1	.1										15	16	5	1
/ 59	.2	.2	.2	.5		.1	.5											16	16	14	5
/ 57		.3	.2	.2	.1	.3	.5											15	15	8	5
5 / 55		.2	.9	.6	.2	.3	.1											20	20	12	13
4/ 53		.7	1.3	.2	.3	.8												27	27	16	6
/ 51	.1	.5	1.0	.3	.7	.2	.1											26	26	17	10
/ 49		1.0	.9	.5	.7	.5												31	32	25	15
/ 47		1.6	1.0	.8	.2	.3												35	36	35	19
4 / 45	.1	1.4	.9	1.0	.1													31	33	35	29
/ 43		2.6	4.0	.7	.1													65	72	41	24
/ 41	.6	2.9	3.4	.9	.2													70	72	59	28
/ 39	.3	5.9	3.0	.6														93	96	81	48
/ 37	.2	2.9	3.1	.3														54	56	84	52
/ 35	.3	3.6	3.7	.6														66	67	65	86
3 / 33	.6	4.4	1.4	.5														59	61	75	73
/ 31	1.0	4.6	1.7	.8														71	72	65	89
/ 29	.1	2.1	1.7	.1														29	29	54	63
/ 27		3.7	1.7															41	41	36	53
/ 25	1.0	2.1	1.3															38	38	60	48
/ 23	.3	1.5	.2															18	19	34	33
2/ 21	.5	.9	.9															16	16	21	44
/ 19	.1	.2	.3															7	7	9	36
1 / 17	.3	.5	.1															8	8	7	32
1 / 15		.3																3	3	8	22
1 / 13		.1																1	1	2	14
1 / 11	.1																	1	1	2	7
/ 9	.2																	2	2	2	3
/ 7																					4
/ 5																					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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 227	WATERTOWN NY	74-83	APR

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

Temp. (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
/																					6
/ 1																					4
TOTAL	5.5	43.3	32.2	9.5	3.4	2.9	1.3	.1	.5									872	897	872	872

Element (X)	Σx²	Σx	x̄	σx	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	50[illegible]3910	65464	75.1	14.349	872							
Dry Bulb	1516499	35596	39.7	10.770	897		23.7	.7				9[illegible]
Wet Bulb	1240649	31814	36.5	9.593	872		31.0					9[illegible]
Dew Point	978335	27737	31.8	10.502	872		47.3					90

(Mean No. of Hours with Temperature: ≤ 0 F through Total)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72[illegible]7	WATERTOWN NY	74-83	APR

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (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						.1	.1	.2										4	4		
74/ 73				.2		.1	.2	.1	.2									3	3		
72/ 71				.1	.2	.3	.1	.1	.2	.1								11	11		
70/ 69				.1	.1	.1	.1	.2										6	6	1	
68/ 67			.1	.2	.2	.1	.2	.2	.2	.1								13	13	1	1
66/ 65		.1		.1	.5	.3	.6	.5	.3									21	21	3	
64/ 63		.7	.2	.3	.1	.7	.2	.5										21	27	10	4
62/ 61			.1	.3	.3	.2	.7	.2	.1									19	21	11	3
60/ 59		.3	.9	.5	.2	.5	.5	.7										26	26	9	3
58/ 57		.1	.3	.2	.6	.1	.5	.6										21	21	15	6
56/ 55		.7	.3	.7	.2	.8	.6	.2										27	29	22	11
54/ 53		1.1	1.1	.9	.6	1.9	.6											47	53	26	9
52/ 51		.9	1.8	.6	.9	1.3	.1											46	51	28	21
50/ 49	.1	1.3	.3	2.1	1.4	.8	.1											55	59	47	22
48/ 47	.1	1.7	1.1	1.9	1.6	.8	.1											59	60	45	27
46/ 45	.1	1.3	2.3	2.3	1.5	.3	.1											69	72	50	39
44/ 43	.3	1.6	2.6	2.9	.8	.5												76	73	74	32
42/ 41	.6	2.3	1.8	1.7	1.1	.3												67	67	97	35
40/ 39	.7	2.2	2.1	1.5	.9	.1												64	66	98	59
38/ 37	.1	1.0	.9	1.1	.7													34	35	77	48
36/ 35	.3	1.3	1.4	1.5	.1													41	44	46	63
34/ 33		.7	1.1	1.3	.3													31	31	44	63
32/ 31	.1	1.0	1.1	1.7	.1													36	36	41	79
30/ 29		.3	1.1	.2														20	21	38	58
28/ 27		1.3	.3	.1														15	15	31	40
26/ 25		1.1	.1	[illegible]														13	13	32	51
24/ 23		.9	.6															9	9	16	17
22/ 21	.1		.2															2	2	9	34
20/ 19			.1															1	1	2	43
18/ 17	.1	.2	.2															5	5	3	28
16/ 15		.9																4	4	4	20
14/ 13			.1															1	1	4	14
12/ 11																					9

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL.BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEAT ER SERVIC./MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
. .727	WATERTOWN NY	74-83	APR

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

Temp. (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	1	1	[illegible]
/ /																				1	[illegible]
/																					[illegible]
/																					[illegible]
/ 1																					[illegible]
- / -3																					2
- / -5																					1
TOTAL	2.[illegible]	21.7	21.9	22.6	12.3	9.0	4.3	3.5	1.3	.2									900		876
																		876		876	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	385390.7	55967	63.9	17.831	876							
Dry Bulb	2011730	41274	45.9	11.499	900		10.7	4.3	1.3			[illegible]
Wet Bulb	1517515	35437	40.5	9.797	876		18.7	.2				[illegible]
Dew Point	1078327	29098	33.2	11.302	876	.2	42.1	.1				[illegible]

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

L[illegible] AL CLIMATOLOGY [illegible]ANCH
[illegible]AFETAC
A[illegible] [illegible]SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	[illegible]ATERTOWN NY	74-83	APR

PAGE 1 — 1200-14[illegible] HOURS (L. S. T.)

Temp. (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
47 / 8[illegible]									.1									1	1		
[illegible] / [illegible]										.2								2	3		
[illegible] / 79							.1			.1								2	2		
7 / 77						.1	.1	.3	.1	.2								10	10		
[illegible] / 7[illegible]						.1	.5	.2	.2									10	10		
4 / 7[illegible]				.1	.2		.2	.2		.3	.1							11	11		
[illegible] / 71					.1	.3	.5	.6	.3	.2								17	17		
[illegible] / 69				.1	.1	.2	.5	.2	.2	.3								15	15	2	
[illegible] / 67				.7	.1		.3	.5	.1	.1								16	15	4	2
5 / 65						.[illegible]	.3	.7	.3	.3								17	17	6	
[illegible] / 6[illegible]				.3	.3		.6	.3	.5	.2								20	2[illegible]	12	2
[illegible] / 61		.7	.1	.2	.5	.1		1.0	.3	.1								23	24	17	2
[illegible] / 59		.1		.1	.2	.5	.7	.9	.1									27	29	10	4
[illegible] / 57	.1	.9	.3	.3	.6	.8	.8	.8										40	41	17	13
5[illegible] / 55	.1	.2	.3	.6	1.4	.5	1.6	.3										49	54	29	17
4 / 53		1.1	.2	1.1	1.5	1.0	.5											49	51	31	11
2 / 51	.2	.9	.1	.8	1.6	1.7	.7											59	60	35	16
5[illegible] / 49	.1	.6	1.1	.7	2.2	1.1	.2											53	56	36	33
4 / 47	.3	.6	2.2	2.3	1.4	1.1	.3	.1										79	81	74	26
4 / 45	.2	2.2	1.9	1.1	1.3	.9	.3											69	69	70	25
47 / 43	.1	1.7	1.3	1.3	1.3	.9												55	55	91	32
[illegible] / 41	.1	2.3	1.7	1.0	1.3	.3												67	67	95	47
[illegible] / 39	.1	.8	1.1	.7	.9													29	29	71	75
[illegible] / 37	.2	1.[illegible]	1.3	1.4	.5													36	39	62	67
[illegible] / 35	.2	.8	1.7	1.5	.6													40	43	45	65
3 / 33		.4	.5	.6	.9													13	13	35	46
[illegible] / 31		.7	1.3	.3														20	20	41	68
[illegible] / 29	.3	.9	.7	.1														17	17	30	45
[illegible] / 27		.1	.1															2	2	26	44
[illegible] / 25	.4	1.[illegible]	.1	.1														13	13	14	43
2 / 23		.5	.2															6	6	12	25
2 / 21			.[illegible]															2	2	4	43
[illegible] / 19	.1		.1															2	2	3	4[illegible]
1 / 17		.3																3	3	2	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL DAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEAT ER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7? 227	ATFRTOWN NY	74-93	APR

PAGE 2 — HOURS (L. S. T.): 1200-1400

Temp. (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																				3	25
? / 13																					6
1 / 11																					7
1? /																					5
/ 7																					3
/																					1
/																					2
TOTAL	2.9	1?.1	17.4	15.8	16.3	?.8	9.2	6.3	2.6	2.2	.1								8?9		879
																		879		879	

Element (X)	Σx²	Σx	x̄	σ_x	No. Obs.
Rel. Hum.	3472681	52473	59.7	19.685	879
Dry Bulb	2297715	44183	49.1	11.858	899
Wet Bulb	1567146	37356	42.5	9.520	879
Dew Point	1134631	30041	34.2	11.088	879

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		6.5	8.4	3.6	.3		[illegible]
Wet Bulb		14.?	.6				[illegible]
Dew Point		40.5	.2				[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	APR

PART 1 — 1500-1700 HOURS (L. S. T.)

Temp. (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
84/83										.1								1	1		
82/81										.2								2	3		
80/79							.2	.2	.1	.1								5	5		
78/77							.1	.1	.2									5	5		
76/75						.1	.3		.1	.5	.1							10	10		
74/73						.3	.2											5	5		
72/71					.1	.1	.2	.5	.5	.3								15	15		
70/69				.1	.2	.3	.2	.6	.2									15	15		
68/67				.2	.2	.1	.6	.1	.3	.1								15	15	2	
66/65				.3	.1		.7	.6	1.0	.6								29	29	9	
64/63		.2		.5	.3	.7	.2	.5	.8	.3								31	31	10	
62/61		.2	.2	.5		.5	.6	.9	.9									33	34	11	
60/59			.1	.1	.2	.7	1.1	.8	.1									28	29	17	9
58/57		.3	.5	.1	.5	1.2	.1	.1	.1									26	27	22	11
56/55		.9	.9	.3	.6	.5	.3	.3	.1									36	41	30	20
54/53		.3	.2	.5	2.0	1.8	2.0	.2										62	63	27	15
52/51	.1	1.4	.6	1.1	1.9	1.6	.5											62	64	31	12
50/49		.2	1.0	.9	1.7	1.1	.8	.1										52	55	47	29
48/47	.3	1.1	1.4	1.5	1.8	1.4	.2											68	69	60	20
46/45	.6	2.0	1.7	2.0	.9	.3	.1											68	69	70	26
44/43	.2	2.7	1.1	.9	1.1	.9	.2											63	64	94	27
42/41	.3	1.4	1.7	1.8	1.1	.2												58	58	100	59
40/39		1.1	1.4	.7	1.2	.3												41	42	66	58
38/37	.1	.6	1.7	1.7	.5													40	41	70	61
36/35		.9	1.2	2.3	.6													40	41	50	70
34/33		1.6	.8	.3														24	24	41	54
32/31	.1	.5	1.7	.2														16	16	50	84
30/29	.2	.1	.1	.1	.1													6	6	29	60
28/27		.7	.3	.3														8	8	15	48
26/25		.9	.3															11	11	8	53
24/23		.1																1	1	12	29
22/21																				5	40
20/19		.1																1	1	1	35
18/17			.2															2	2		17

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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 AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	WATERTOWN NY	74-83	APR

PAGE [illegible] 1500-1700 HOURS (L. S. T.)

Temp. (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[illegible]		.1																1	1	2	16
1 / 1																				1	17
1 / 11																					4
[illegible] / [illegible]																					1
[illegible] / [illegible]																					1
/ 1																					4
TOTAL	2.1	17.6	16.6	16.5	15.3	12.2	8.9	5.1	4.5	2.3	.1								900		880
																		880		880	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	33644[illegible]	51556	58.6	19.781	880							
Dry Bulb	2321896	44522	49.5	11.527	900		4.6	7.3	2.8	.5		9[illegible]
Wet Bulb	1671[illegible]	37505	42.6	9.142	880		12.6	.2				9[illegible]
Dew Point	1117742	29884	34.0	10.820	880		41.P					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72?227	WATERTOWN NY	74-83	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (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 / 77									.1									1	1		
[illegible] / 75							.1											1	1		
[illegible] / 73						[illegible]			.2									4	4		
[illegible] / 71					.3	.2		.1										6	6		
[illegible] / 69				.1			.1	.2										4	4		
[illegible] / 67					.1	.2	.3	.5										12	12		
67 / 65			.1	.5	.3	.1	.2		.1									16	16	1	
4 / 63			.2	.7	.2	.2	.4	.7										[illegible]	20	6	
[illegible] / 61			.7	.2	.3	.9	.3	.5	.2									[illegible]	27	6	
[illegible] / 59		.1	.2	.2	.3	.3	.5	.5										19	19	15	4
[illegible] / 57		.7	.3	.1	.5	.9	.8	.6										34	34	15	8
5 / 55		.9	.6	.9	.6	.7	.2	.1										31	32	25	19
47 / 53	.1	1.9	.7	.3	.3	1.2	.3											40	43	27	17
2 / 51	.1	.3	.5	.7	1.4	.7	.5	.1										39	41	29	17
[illegible] / 49	.1	1.4	1.7	1.4	1.6	.8	.3											58	60	28	23
[illegible] / 47		.3	.3	1.7	1.7	.3	.1											44	47	46	14
4 / 45	.1	1.5	2.1	1.9	1.8	.1	.2											68	71	51	26
44 / 43	.6	1.8	1.9	2.8	.5	.1												67	69	57	32
[illegible] / 41	.3	1.6	[illegible]	2.6	.9	.1												71	71	90	30
4 / 39	.1	3.5	3.7	1.8	1.1													91	91	73	44
3 / 37	.1	3.0	2.4	.7	.1													55	55	103	52
3 / 35		1.7	3.2	1.0														52	55	77	79
3 / 33		2.2	2.3	.5	.1													44	44	63	76
[illegible] / 31		2.0	2.0	.8														41	41	64	99
[illegible] / 29	.3	.9	.3	.1														14	14	45	71
[illegible] / 27	.1	.1	.1	.5														7	7	26	64
[illegible] / 25		.6	.3	.2														10	10	6	67
[illegible] / 23		.5																4	4	14	23
2 / 21			.1															1	1	6	25
[illegible] / 19		.1	.3															4	4	1	30
[illegible] / 17		.3																3	3	1	22
1 / 15																				6	6
14 / 13																					5
1 / 11																					10

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]227	[illegible]ATERTOWN NY	74-83	APR

PAGE 2 — HOURS (L. S. T.): 1300-2000

Temp. (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]																					[illegible]
[illegible]																					1
[illegible]																					[illegible]
[illegible]																					3
TOTAL	[illegible].0	24.[illegible]	26.1	19.1	12.5	7.3	4.3	3.2	.7									881	900	831	861

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	40[illegible]1974	58116	66.[illegible]	17.132	881							
Dry Bulb	1934524	40654	45.2	10.448	900		8.4	2.8	.6			90
Wet Bulb	1489419	35373	40.2	8.865	881		17.3					9[illegible]
Dew Point	1078160	29494	33.5	10.156	881		45.5					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]227	WATERTOWN NY	74-83	APR

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71					.1	.3												3	3		
70/ 69					.1	.1			.1									3	3		
68/ 67			.1		.1													2	2		
66/ 65			.2			.2	.3											7	7		
64/ 63			.3	.6		.2	.1											10	10	2	
62/ 61		.2	.2	.3	.5	.1												13	13	6	
60/ 59	.2	.9	.4	.1	.8		.2											24	24	10	6
58/ 57		.1	.3	.2	.2	.5	.2											14	14	13	9
56/ 55		.3	.9	.9	.2	.3												22	22	13	11
54/ 53		.6	.7	.3	.5	.9	.2											26	26	19	10
52/ 51	.1	.8	1.1	.5	.3	1.1												35	35	21	12
50/ 49	.3	1.7	.2	.6	.9	.5												36	41	35	22
48/ 47	.1	1.3	.7	1.1	.6													33	37	34	19
46/ 45	.1	2.4	1.4	.6	.5													43	48	26	38
44/ 43	.2	1.8	2.2	1.7	.5													56	62	50	29
42/ 41	.7	1.7	2.4	1.9	.1													60	61	70	21
40/ 39	.3	3.9	4.2	1.9	.3													94	95	58	30
38/ 37	.2	3.4	4.7	2.2	.1													95	95	76	56
36/ 35	.1	4.2	2.7	1.3														73	76	80	64
34/ 33		4.2	1.9	.8														61	61	103	54
32/ 31	.1	5.7	1.0	.3														72	72	80	115
30/ 29	.1	2.7	2.1	.1														44	44	81	78
28/ 27	.5	1.1	.5															18	18	36	81
26/ 25	.1	.7	.1	.2														10	10	33	84
24/ 23	.1	.6	.3															9	9	11	25
22/ 21		.1	.3															4	4	5	29
20/ 19		.2	.2															4	4	8	37
18/ 17		.2	.1															3	3	2	17
16/ 15		.2																2	2	5	10
14/ 13																				1	3
12/ 11																					6
10/ 9																					3
8/ 7																					3
6/ 5																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]227	ATERTOWN NY	74-83	APR

PAGE [illegible] 2100-2300 HOURS (L. S. T.)

Temp. (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	3.[illegible]	4[illegible].1	29.4	15.7	5.9	4.1	1.1		.1									878	900	878	879

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4892145	64301	73.2	14.446	878							
Dry Bulb	1613799	37079	41.2	9.791	900		16.6	.8				90
Wet Bulb	1317072	33100	37.7	8.884	878		26.9					90
Dew Point	1026719	28710	32.7	10.012	878		50.9					90

(Mean No. of Hours with Temperature: columns ≤ 0 F through Total)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	WATERTOWN NY	74-83	APR

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (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]										.1								1	1		
4/ [illegible]									.0									1	1		
/ [illegible]1										.1								4	4		
/ 79							.0	.0	.0	.0								7	7		
7/ 77						.1	.1	.1	.1	.1								17	17		
/ 75						.1	.1	.1	.0	.1	.0							25	25		
57/ 73				.1	.1	.1	.1	.1	.1	.0	.0							28	2[illegible]		
/ 71				.0	.1	.1	.1	.2	.1	.1								53	53		
/ 59				.1	.1	.1	.1	.2	.1	.0								46	46	3	
/ 67			.1	.1	.2	.1	.3	.2	.1	.0								66	66	7	3
67/ 65		.0	.1	.2	.1	.2	.3	.3	.2	.1								1[illegible]9	1[illegible]9	19	
47/ 63		.1	.2	.4	.2	.3	.3	.2	.2	.1								130	133	41	6
27/ 61		.2	.1	.3	.3	.3	.2	.3	.2	.1								145	150	61	6
/ 59	.1	.4	.3	.2	.2	.3	.4	.4	.0									182	166	94	36
/ 57	.1	.4	.3	.2	.3	.6	.4	.3	.0									176	181	111	75
5 / 55	.1	.4	.5	.5	.4	.5	.4	.1	.0									218	232	162	106
47/ 53	.0	.7	.7	.4	.7	1.7	.5	.0										295	294	164	87
2/ 51	.1	.7	.9	.6	1.0	1.0	.2	.0										311	318	189	99
/ 49	.2	.9	.9	.8	1.2	.7	.2	.1										339	353	267	172
/ 47	.1	1.2	1.1	1.3	1.1	.5	.1	.0										377	393	338	150
4/ 45	.1	1.5	1.6	1.2	.8	.2	.1											414	435	381	226
4/ 43	.2	2.0	1.9	1.5	.6	.2	.0											452	474	473	224
2/ 41	.3	2.2	2.5	1.4	.6	.1												514	523	610	277
0/ 39	.5	3.2	2.5	1.0	.6	.0												549	561	552	418
3/ 37	.3	2.5	2.2	1.2	.2													458	467	627	424
/ 35	.3	2.5	2.3	1.3	.2													456	471	538	559
3/ 33	.2	3.1	1.6	.6	.1													398	403	536	497
2/ 31	.3	3.5	1.8	.6	.0													438	439	534	757
/ 29	.3	2.0	1.1	.1	.0													246	246	447	500
/ 27	.2	1.5	.6	.1														175	175	311	483
/ 25	.3	1.5	.4	.1														165	165	257	473
2/ 23	.2	.8	.2	.0														80	80	164	228
27/ 21	.2	.4	.3															61	61	87	342
/ 19	.1	.1	.3															33	33	47	313

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

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

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]227	WATERTOWN NY	74-83	APR

PAGE 2 — HOURS (L. S. T.): ALL

Temp. (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] / 17	.1	.2	.1															29	29	25	188
1[illegible] / 1[illegible]		.2																17	17	36	129
1[illegible] / 13		.1	.1															6	6	14	79
1 / 11	.0																	3	3	10	59
1 / [illegible]	.0	.0																3	3	3	27
/ 7																				1	19
/ [illegible]																					12
/ [illegible]																					21
/ 1																					23
- / -3																					1
- / -5																					1
TOTAL	4.0	32.9	24.7	14.2	9.0	6.4	4.1	2.3	1.2	.6	.0							7019	7191	7019	7019

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35427679	482271	68.7	18.068	7019							
Dry Bulb	14521358	312102	43.4	11.648	7191		126.1	24.8	8.3	.8		720
Wet Bulb	11254500	272712	38.9	9.688	7019		195.5	1.0				720
Dew Point	8281690	229356	32.7	10.591	7019	.2	374.8	.3				720

(The columns ≤ 0 F through Total are headed "Mean No. of Hours with Temperature".)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	MAY
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74 / 73				.1														1	1		
72 / 71					.4													3	3		
70 / 69				.4	.4	.1												7	9		
68 / 67			1.1	.4	.4	.1												15	17	1	
66 / 65		.1	.5	.5	.9	.1												19	19	2	
64 / 63		.5	.9	1.2	1.1	.3	.1											31	33	16	3
62 / 61	.4	2.0	1.8	1.2	.8	.5	.3											52	57	25	14
60 / 59	.1	2.6	2.4	.8	.4	.4												50	52	43	24
58 / 57	.5	.5	.7	.3		.3	.1											20	22	43	43
56 / 55		2.7	1.6	.8	.3	.4												36	44	45	29
54 / 53	.1	1.1	1.9	.4		.3												28	35	34	29
52 / 51	.5	4.7	3.9	1.3	.8	.7												31	35	34	39
50 / 49	.5	4.5	2.8	1.3	.9	.4												75	82	67	47
48 / 47	.1	4.7	2.7	.7	.3													63	65	71	61
46 / 45		3.5	2.7	1.8														59	65	65	64
44 / 43	.1	4.7	2.4	.9														56	70	63	45
42 / 41	.1	2.2	2.7	.1														33	49	63	63
40 / 39	.3	3.4	1.1															37	45	54	53
38 / 37	.3	2.2	.3															24	32	45	37
36 / 35		1.9	.3	.1														17	19	26	61
34 / 33		.7	.1															9	9	16	41
32 / 31	.7	.8																11	11	12	53
30 / 29	.3	.4	.3															7	7	12	13
28 / 27																				3	9
26 / 25																				1	7
22 / 21																					3
20 / 19																					3
TOTAL	4.2	41.3	31.4	12.6	6.6	3.4	.3												831		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.	4764822	58648	79.1	12.893	741							
Dry Bulb	2153774	41634	50.1	9.042	831		2.0	3.2	.1			93
Wet Bulb	1698268	34930	47.1	8.359	741		3.5	.1				93
Dew Point	1483467	32463	43.8	9.099	741		11.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	MAY

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (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 / 71					.1													1	1		
/ 69			.1	.6	.5													12	12		
5 / 67			.1		.5													6	6		
6 / 65		.3	.4	.8	.4													16	16	5	
4 / 63		.9	.1	.3	1.6		.4											26	28	12	6
/ 61	.3	1.3	1.6	.4	.9	.3												72	36	18	7
/ 59	.1	1.9	2.2	.5	.5	.4	.1											45	52	28	17
/ 57	.9	1.4	1.0	.1	.1	.4												71	35	52	30
5 / 55	.6	2.1	1.8	.1	.1													37	39	35	41
4 / 53	.6	1.8	1.7	.4	.1	.1												37	41	41	42
2 / 51	.3	7.1	2.9	.6	.1	.3												60	65	39	29
5 / 49	1.2	4.4	1.6	.5	.4	.1												63	64	57	56
/ 47		4.9	1.7	1.4														62	69	67	39
4 / 45	.1	4.5	1.3	.4														53	69	63	72
4 / 43	.4	4.4	.2	.8														60	72	56	52
/ 41	.4	3.6	2.6	.8														57	65	63	46
40 / 39	.9	2.7	2.6	.1														49	62	54	65
3 / 37	.5	3.9	1.2															40	46	48	48
/ 35		3.2	.4	.1														29	30	54	50
3 / 33	.3	1.4	.5	.1														19	19	26	42
/ 31	.5	.9	.1															12	12	22	71
/ 29	1.4	.6	.4															19	13	21	22
/ 27		.4																3	3	5	15
/ 25		.1																1	1	4	5
/ 23																					6
2 / 21																					2
/ 19																					5
1 / 17																					1
1 / 15																					1
TOTAL	9.1	47.8	27.5	8.4	5.1	1.6	.5												860		770
																		770		770	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5294437	63109	82.0	12.070	770							
Dry Bulb	2067803	41396	48.1	9.357	860		3.8	2.1				93
Wet Bulb	1660885	35111	45.6	8.823	770		6.3					93
Dew Point	1474004	32906	42.7	9.387	770		15.5					93

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

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

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7..227	.ATERTOW. NY	74-83	MAY

PAGE 1 — HOURS (L. S. T.): 0600-0800

Temp. (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 / 77						.1												1	1		
/ 75					.3	.4												5	5		
7 / 7.				.4	.1	.2	.1		.1									3	8		
/ 73			.6	.2	.4	.9												14	15		
/ 69		.3	.5	.2	1.1	.3												?0	21	3	
/ 67		.4	.7	.7	.4	.1	.1											?0	25	12	3
67/ 65		.7	.3	1.0	.5	.4												25	34	14	10
/ 63	.6	1.0	.7	1.2	1.0	.2	.1	.1										41	46	25	15
/ 61	.2	1.2	1.9	1.2	.6	.7		.2										50	50	42	18
/ 59	.4	1.2	1.7	1.8	1.0	.6												55	59	43	30
/ 57	.5	1.4	1.7	1.1	.5	.6												52	54	44	40
5 / 55	.1	1.6	2.0	1.6	.6	.6												54	57	53	51
47 53	.4	2.3	2.3	1.4	1.0	.2												63	67	52	36
2/ 51		2.2	4.1	1.2	1.3	.1												74	76	61	50
/ 4.	.2	3.7	3.0	1.3	.5													73	79	60	57
/ 47	.1	2.5	1.7	1.0	.1													47	53	94	48
4 / 45	.4	3.3	2.4	.6	.4													59	77	75	68
4/ 43		4.2	1.3	.8	.1													56	63	60	56
/ 41	.4	1.9	1.7	.7	.1													40	47	68	71
4 / 3.		.7	1.2	.1	.1													18	27	37	62
/ 37	.4	1.6	1.1	.2														27	28	32	48
/ 35	.4	.7	.9	.4														15	17	31	40
3 / 33		.2	.1															3	3	12	39
/ 31	.2	.6																7	7	8	35
/ 29	.4	.1																3	3	9	19
2 / 27		.1																1	1	1	8
/ 25																				1	5
2/ 21																					4
/ 1.																					2
/ 17																					1
/ 13																					1
TOTAL	4.4	32.3	30.5	17.1	9.9	5.0	.4	.4	.1										927		837
																		837		837	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5085116	64252	76.8	13.521	837							
Dry Bulb	2650213	46787	52.6	9.445	927		1.1	7.5	1.4			93
Wet Bulb	2078433	41083	49.1	8.607	837		2.1	1.7				93
Dew Point	1795999	37951	45.3	9.487	837		8.3	.3				93

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

[illegible]AL CLIMATOLOGY [illegible]RANCH
[illegible]AFETAC
[illegible] [illegible]EAT-[illegible] SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	[illegible]TERTOWN NY	74-83	MAY

PAGE 1 0930-11[illegible] HOURS (L. S. T.)

Temp. (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]/ 7[illegible]					.4	.4	1.3			.1								16	19		
7 / 77				.1	.9	.7	.5			.1								19	20		
[illegible]/ 73				.7	.6	1.1	.2			.1								23	27		
4/ 7[illegible]			.2	.8	.9	.9	.6	.2		.1								29	32		
[illegible]/ 71			.7	.6	1.1	.3	.7	.2	.1	.4								37	41	8	
[illegible]/ 69		.2	.6	1.1	2.1	.1	.4	.5	.1	.1								41	46	21	1
[illegible]/ 67		.1	1.1	.8	1.1	.7	.8	.5	.5									47	53	34	14
6/ 65		.9	1.1	1.6	1.2	.7	1.1	.7										59	65	35	29
[illegible]/ 6[illegible]	.1	.3	1.1	1.3	1.4	1.1	.8	.5										64	66	40	20
[illegible]/ 61		.5	1.3	1.7	1.3	1.1	1.4	.9										65	76	46	45
[illegible]/ 59	.1	.7	1.1	2.2	.9	1.7	1.1	.4										67	76	55	39
[illegible]/ [illegible]7		1.7	1.2	1.8	1.1	1.2	.4											59	61	66	38
5 / [illegible]5		.8	1.3	1.8	1.9	.7	.8											54	67	53	54
4/ 53		1.7	2.3	2.0	.5	.9	.1											57	61	80	44
[illegible]2/ 51		1.2	1.3	1.3	.9	.5												48	53	72	49
[illegible]/ 4[illegible]		1.4	.5	.6	1.0	.1	.2											33	36	85	60
[illegible]/ 47		.7	.7	.6	1.2	.2	.1											30	37	72	58
4[illegible]/ 45		1.4	1.0	.8	.1													28	33	39	64
[illegible]4/ 43	.1	.8	.6	1.3		.1												25	34	41	49
[illegible]/ 41	.2	.1	.7	.7		.1												16	19	30	53
[illegible]/ 3[illegible]			.2															2	5	29	47
[illegible]/ 37		.4		.4														5	7	16	51
[illegible]/ 35				.1														1	2	10	31
3 / 33																				1	23
[illegible]/ 31																				4	34
[illegible]/ 2[illegible]																					24
[illegible]/ 27																					6
[illegible]/ [illegible]5																					5
27/ [illegible]1																					3
[illegible]/ 1[illegible]																					2
1[illegible]/ 1[illegible]																					2
1[illegible]/ 13																					1
[illegible]TAL	.4	12.5	17.9	22.2	17.3	13.7	10.5	3.5	.7	1.0								837	930	837	837

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3723691	54213	64.8	15.935	837							
Dry Bulb	3389838	55418	59.6	9.706	930			23.2	9.3	.3		93
Wet Bulb	24453[illegible]7	44681	53.4	8.487	837		.4	7.0				93
Dew Point	1961938	39575	47.3	10.403	837		8.6	1.7				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]-027	ATERTOWN, NY	74-83	MAY

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (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] / 8[illegible]							.1											1	1		
4 / 83								.2										2	3		
/ 81					.4	.1	.6	1.0	.1									24	24		
/ 79					.4	.3	.8	.2		.1								20	20		
7 / 77					.5	1.1	.7	.5	.4	.3	.2							31	32		
/ 75				.1	.9	2.5	.7	.7	.2	.1	.4							52	53		
47 / 73			.2	1.1	.4	1.2	.5	.7	.8	.5								45	49	7	
/ 71			.4	.5	1.3	.3	.3	.5	.5	.3								41	49	13	
/ 69			1.1	.4	1.2	.6	1.9	.7	1.1	.2								59	65	30	6
/ 67		.1	1.1	1.2	1.5	1.9	.8	.6	.6	.1								66	71	47	15
67 / 65		.4	.6	1.2	1.4	1.5	1.4	.3	1.0	.1								66	71	40	21
/ 63		.1	1.1	.9	1.1	1.9	1.1	1.7	.6									62	70	46	36
/ 61		.7	.7	1.7	1.5	.9	1.1	.7										61	67	49	36
/ 59		1.7	.4	1.0	.8	1.4	1.0	.2										48	57	60	50
/ 57		.6	.7	1.3	.9	1.7	.7	.1										47	49	61	42
5 / 55		.4	2.0	1.2	.6	.2	.4											40	44	70	47
4 / 53		1.3	1.3	1.2	.9	.5	.4											46	57	70	59
/ 51		.9	1.1	.7	1.1	1.2	.5											42	46	76	51
/ 49		.9	.3	.3	.9	.2												30	34	67	77
/ 47		.9	.2	.3	.6													18	23	58	53
/ 45		.4	.5	.4	.2	.1												13	13	31	62
4 / 43		.6	.2	.6														12	17	34	50
/ 41		.9		.4														7	9	26	44
/ 39		.4		.1														4	11	20	44
3 / 37		.1	.1	.1														3	3	7	40
/ 35																				4	40
3 / 33																				2	20
/ 31																				1	40
/ 29																					9
/ 27																					3
/ 25																					7
/ 23																					2
2 / 21																					3
/ 19																					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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
727	WATERTOWN NY	74-83	MAY

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

Temp. (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		[illegible].9	11.9	15.7	16.4	19.0	13.1	7.4	5.2	1.9	.6							839	93	839	839

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	3204413	49950	59.5	16.590	839
Dry Bulb	3778325	58527	62.9	10.117	930
Wet Bulb	2624664	46392	55.3	8.422	839
Dew Point	2033101	40359	48.1	10.460	839

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			36.6	18.1	3.3		93
Wet Bulb		.1	10.8	.8			93
Dew Point		7.8	2.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 727	WATERTOWN NY	74-83	MAY

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

Temp. (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									2	2		
84/ 83						.1	.1	.1	.2	.2								8	8		
82/ 81						.3	.7	.7	.2	.2								20	20		
80/ 79					.2	1.9	.8	1.0	.2	.5								36	36		
78/ 77				.1	.1	1.1	1.2	.2	.5	.1	.1							29	29		
76/ 75				.5	1.1	1.2	.6	.8	.2	.4	.1							42	44		
74/ 73			.1	.4	.6	1.0	1.0	.4	1.4	.5								44	53	4	
72/ 71			.3	1.1	1.1	.5	1.6	1.4	.8	.6								61	63	14	
70/ 69		.1	.3	.4	1.1	.5	1.4	.6	1.2	.4	.1							53	59	29	1
68/ 67		.1	.4	.7	1.6	1.2	.3	.4	.9	.5								49	52	42	17
66/ 65		.4	.3	1.2	1.8	.9	1.7	.6	.5									58	65	50	22
64/ 63		.4	.3	.3	.8	1.9	1.3	1.2	.1									62	68	47	31
62/ 61		.9	1.1	1.0	1.4	.7	1.2	.2										61	55	40	34
60/ 59		1.7	.5	1.6	.5	1.3	1.4	.1										53	55	65	46
58/ 57	.1	.4	.6	1.0	1.3	1.9	.6	.4										52	52	87	40
56/ 55		1.7	1.4	1.0	.2	1.7	.2	.2										42	49	58	50
54/ 53		.9	.7	1.2	.7	.5	.4											36	41	73	35
52/ 51	.1	1.0	1.3	.7	1.2	.4	.4											46	52	64	60
50/ 49	.2	.9	.3	.5	1.1	.4												29	37	70	58
48/ 47		1.0	.4	1.1	.8	.1												26	32	62	65
46/ 45		1.3	.3	.6	.1													18	27	37	52
44/ 43		.2	.2	.4														7	15	41	53
42/ 41			.1	.2														3	5	21	49
40/ 39		.5	.3															9	15	20	45
38/ 37																				11	38
36/ 35																				3	44
34/ 33																					41
32/ 31																					28
30/ 29																					13
28/ 27																					5
26/ 25																					8
24/ 23																					2
22/ 21																					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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7? 227	WATERTOWN NY	74-83	MAY

PAGE [illegible] 1500-1700 HOURS (L. S. T.)

Temp. (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	.3	9.2	1[illegible].3	14.3	15.5	16.3	14.7	8.4	6.4	3.3	.4							838	929	838	838

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3109944	48990	58.5	17.142	838							
Dry Bulb	3798215	58607	63.1	10.429	929			36.8	18.9	4.9		93
Wet Bulb	2618584	46225	55.2	8.355	838			9.9	.4			93
Dew Point	1995484	39984	47.7	10.237	838		6.3	2.0				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

227	ATERTOWN NY	74-83	MAY
STATION	STATION NAME	YEARS	MONTH

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

Temp. (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
/ 81							.1			.1								2	2		
/ 7					.1	.7	.1	.1		.1								10	10		
7 / 77					.4	.1	.1	.2	.1									8	9		
/ 75				.4	.7	1.1	.4	.2	.1	.1								24	24		
/ 7				.8	.7	.7	.1	.4	.2									23	24		
/ 71			.4	.5	.6	.7	.2	.8	.2	.1								30	31	3	
/ 69		.1	1.4	1.3	.3	.5	.6	.6	.1									50	53	15	
/ 67		.5	1.1	1.2	1.9	.6	.2	.4	.1	.2								49	53	21	5
67 / 65		1.7	1.4	1.1	1.1	.9	.8	.	.2									55	63	40	23
/ 63		.5	.6	1.2	1.5	1.1	1.0	.5	.4									55	58	40	27
/ 61	.1	.4	1.4	1.3	.7	1.5	1.0	.5										56	66	55	29
/ 59		1.3	1.4	1.9	.5	.9	.2											52	58	39	43
/ 57		.9	1.7	1.3	1.0	1.0	.5	.2										54	59	65	37
5 / 55		1.3	2.3	1.9	1.0	1.2	.1	.1										63	66	56	44
/ 53		1.7	1.9	1.9	1.2	1.1	.2											66	58	70	44
/ 51	.1	1.7	2.1	1.9	1.3	.5												61	64	72	50
/ 49	.1	1.7	1.5	2.0	1.3	.2	.2											60	73	83	65
/ 47		1.9	.5	1.3	.5	.1												37	44	63	59
/ 45	.1	1.3	1.2	1.2	.2	.2												36	43	69	72
4 / 43		.5	.7	.4	.1													14	21	52	49
/ 41	.1	.5	1.3	.2	.1	.1												19	27	37	56
/ 39		.7	.6															11	13	24	44
/ 37		.1	.4															4	6	24	37
/ 35																				10	56
3 / 33																				2	37
/ 31																					36
/ 29																					10
/ 27																					6
/ 25																					4
/ 21																					5
/ 19																					1
1 / 17																					1
TOTAL	.5	15.5	21.9	21.3	15.4	12.6	6.0	4.5	1.5	.7								840	930	840	847

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	3957253	56011	66.7	16.283	840							
Dry Bulb	3245759	54221	58.3	9.540	930			20.5	6.8	.8		93
Wet Bulb	2379781	44163	52.6	8.308	840			4.3				93
Dew Point	1927732	39356	46.9	9.995	840		7.0	.6				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]227	WATERTOWN NY	74-83	MAY

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
74/ 73					.1	.1												2	2		
72/ 71			.1	.4		.4												7	7		
70/ 69			.9	.1	.4	.3	.4											15	18		
68/ 67		.1	.3	1.0	.3	.4												13	23	1	
66/ 65		1.4	1.4	1.7	.6	.1												43	45	13	3
64/ 63	.1	1.9	2.9	1.8	.8	.3	.4	.4										66	66	22	13
62/ 61	.1	2.4	1.7	.5	.4	.4												43	47	47	24
60/ 59	.1	2.1	1.4	.4	.6	.1	.1											36	43	58	38
58/ 57		1.2	1.2	.5	1.7	.8	.1											37	43	50	49
56/ 55		1.4	2.7	1.5	.5	.1												50	58	31	40
54/ 53		3.7	3.7	2.1	.3	.5												74	79	37	28
52/ 51	.1	2.6	3.1	1.4	.9	.3												64	67	70	44
50/ 49		3.7	2.7	1.3	1.4													67	72	74	58
48/ 47	.3	3.5	3.1	2.3	.9													76	78	69	59
46/ 45	.1	3.2	2.3	.9	.1													62	67	60	63
44/ 43	.4	2.1	1.5	.9														37	50	76	48
42/ 41	.1	1.3	2.7	.3														36	45	62	67
40/ 39		1.4	2.1	.3														29	35	43	47
38/ 37		.4	1.4	.3														16	17	29	32
36/ 35		.3		.1														3	3	21	67
34/ 33		.5																4	5	11	39
32/ 31																				4	39
30/ 29																				1	9
28/ 27																					6
26/ 25																					2
24/ 23																					1
22/ 21																					1
20/ 19																					2
TOTAL	1.4	32.3	35.0	17.8	8.2	3.7	1.0	.4											869		779
																		779		779	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4668835	59445	76.3	13.056	779							
Dry Bulb	2493201	45945	52.9	8.589	869			5.0	.2			93
Wet Bulb	1949403	38457	49.4	8.088	779		.6	.1				93
Dew Point	1684261	35497	45.6	9.263	779		7.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	MAY

PAGE 1

HOURS (L. S. T.): ALL

Temp. (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							.0		.0									3	3		
84/ 83						.1	.0	.0	.0	.0								10	10		
82/ 81					.0	.2	.2	.2	.0	.0								46	46		
80/ 79					.1	.9	.4	.2	.0	.1								84	84		
78/ 77				.0	.2	.4	.3	.1	.1	.1	.0							88	90		
76/ 75				.3	.4	.3	.2	.7	.1	.1	.1							146	149		
74/ 73			.1	.4	.4	.5	.3	.2	.3	.1								152	166	11	
72/ 71			.3	.4	.6	.5	.4	.4	.2	.2								194	215	38	
70/ 69		.1	.7	.5	.8	.4	.6	.3	.3	.1	.0							256	284	98	8
68/ 67		.2	.3	.3	.9	.6	.3	.2	.3	.1								269	294	158	54
66/ 65		.6	.8	1.2	1.7	.6	.6	.3	.2	.0								345	379	197	99
64/ 63	.1	.7	1.0	1.2	1.2	.9	.7	.5	.1									407	435	248	151
62/ 61	.1	1.1	1.4	1.1	.9	.8	.6	.3										412	456	320	207
60/ 59	.1	1.4	1.4	1.3	.6	.8	.5	.1										408	445	391	287
58/ 57	.2	1.1	1.1	.9	.7	.9	.3	.1										352	375	468	319
56/ 55	.1	1.3	2.0	1.2	.7	.5	.2	.0										398	423	401	356
54/ 53	.1	1.6	1.9	1.3	.5	.5	.1											407	442	457	297
52/ 51	.2	2.0	2.5	1.1	1.0	.4	.1											476	511	486	372
50/ 49	.3	2.7	1.6	1.0	.9	.2	.1											430	477	563	474
48/ 47	.1	2.4	1.3	1.2	.5	.1	.0											361	403	556	442
46/ 45	.1	2.3	1.5	.8	.2	.0												318	391	439	537
44/ 43	.1	2.1	1.2	.7	.0	.0												269	342	425	402
42/ 41	.2	1.3	1.4	.4	.0	.0												218	262	370	449
40/ 39	.1	1.2	1.0	.1	.0													159	214	281	407
38/ 37	.1	1.0	.8	.1														119	139	212	331
36/ 35	.3	.7	.1	.1														65	71	161	389
34/ 33	.0	.4	.1	.0														35	36	70	262
32/ 31	.2	.3	.0															30	30	51	336
30/ 29	.2	.1	.1															29	29	43	119
28/ 27		.1																4	4	9	63
26/ 25		.0																1	1	6	43
24/ 23																					11
22/ 21																					22
20/ 19																					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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	WATERTOWN NY	74-83	MAY

PAGE [illegible] — HOURS (L. S. T.): ALL

Temp. (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]																					3
[illegible]																					3
[illegible]																					2
TOTAL	[illegible]	24.4	23.1	16.3	12.[illegible]	[illegible].7	6.[illegible]	3.2	1.8	.9	.1								7206		6481
																		6481		6481	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	33798516	454618	70.1	17.163	6481							
Dry Bulb	23577133	404535	56.1	10.970	7206		6.6	138.5	56.6	9.6		744
Wet Bulb	17445415	331045	51.1	9.094	6481		12.5	35.0	1.3			744
Dew Point	14355994	298094	46.0	9.978	6481		70.9	7.1				744

(Mean No. of Hours with Temperature: columns ≤ 0 F through Total)

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
227	WATERTOWN NY	74-83	JUN

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (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		
7 / 77			.1	.4														4	4		
/ 75			.4	.1		.5												5	3		
4 / 73			.3	.7		.1		.1										13	16	2	
/ 71		.1	.3	.7	.8	.3												20	20	8	2
/ 69		.1	.3	1.1	.9		.1											22	25	7	9
/ 67		1.1	2.1	1.9	.9	.4												45	49	13	6
6/ 65		1.9	.9	1.8	.4	.3												37	44	29	18
/ 63	.7	2.7	1.8	1.2	.9	.4												57	61	49	28
/ 61	.7	4.6	2.4	1.6	.4	.1												73	79	52	36
/ 59	1.2	3.4	3.9	.8		.3												71	74	79	65
/ 57	.9	4.0	2.6	.9	.3													62	67	71	61
5 / 55	.4	2.9	2.8	.9	.3													54	63	81	66
4/ 53	.9	4.7	2.2	.4	.3													58	62	46	68
/ 51	.1	3.1	2.9			.1												46	47	63	64
/ 49	.3	3.8	2.4	.3	.1													51	53	56	66
/ 47	.4	3.4	1.2															37	39	51	52
4 / 45	.8	3.8	.7															39	43	53	55
/ 43	.3	1.9	.8															22	24	37	51
/ 41	.1	1.2	.9															14	16	22	37
/ 39	.1	.1	.1															6	9	13	26
/ 37	.1	.1	.1															3	3	6	13
/ 35																				2	13
3 / 33																					3
/ 31																					1
/ 29																					2
TOTAL	6.7	42.2	30.3	12.7	5.1	2.6	.1	.1											808		742
																		742		742	

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5119615	61113	82.4	19.785	742							
Dry Bulb	2730143	46469	57.5	8.453	808			13.9	3.5	.3		90
Wet Bulb	2235597	40343	54.4	7.549	742			3.6	.2			90
Dew Point	2043417	38499	51.9	7.869	742		.4	2.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227 WATERTOWN NY — STATION / STATION NAME

74-83 — YEARS

JUN — MONTH

PAGE 1 — 0300-0500 — HOURS (L. S. T.)

Temp. (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/ 79				.1														1	1		
76/ 77			.1	.3	.1													4	5		
74/ 75			.1			.1	.1											3	3		
72/ 73			.4	.4	.4		.1											10	13	3	
70/ 71			1.3	1.3	.3													22	22	3	3
68/ 69		.3	.7	.6	.3													15	18	4	5
66/ 67		.9	.9	1.0	.1													23	27	17	5
64/ 65		1.4	1.4	1.4	1.7	.3												43	49	27	16
62/ 63	.1	2.2	2.8	1.0	.4	.3												51	55	31	16
60/ 61	.8	4.9	1.3	.9	.4	.3												65	67	53	34
58/ 59	1.2	4.8	3.6	.6	.1	.1												81	86	89	65
56/ 57	.4	4.0	3.1	1.3	.4													71	76	63	72
54/ 55	.7	3.8	3.6	.4	.1													66	70	71	66
52/ 53	.5	3.7	1.9	.6	.1													47	53	68	61
50/ 51	.7	3.4	2.2	.1														51	54	59	64
48/ 49	.4	3.9	2.3	.1														52	57	54	69
46/ 47	.3	3.9	1.7	.4														43	43	64	51
44/ 45	.5	3.6	.9															39	40	52	62
42/ 43	.1	1.8	.5															17	20	30	50
40/ 41	.3	1.9	.4	.1														21	23	19	28
38/ 39	.9	2.1	.5															23	26	19	29
36/ 37	.4	1.4	.1															15	20	26	22
34/ 35	.4	.5																7	7	14	26
32/ 33																				4	11
30/ 31																					8
28/ 29																					1
TOTAL	7.3	47.5	29.2	10.9	3.8	1.0	.3												837		770
																		770		770	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5490265	64571	83.9	9.905	770							
Dry Bulb	2687471	46827	55.9	8.997	837			9.8	2.6			90
Wet Bulb	2225971	40931	53.2	8.079	770			3.2	.9			90
Dew Point	2050125	39213	50.9	8.315	770		1.1	1.9				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
227	WATERTOWN NY	74-83	JUN

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

Temp. (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
/ 81				.1	.1													2	2		
/ 79				.9	.4	.1												8	9		
7 / 77			.1		.1	.1	.1											4	9		
76/ 75			.7	1.0	.7	.5												20	23	1	
74/ 73			.5	1.9	.7	.5	.5	.1										36	37	7	1
7 / 71		.2	1.4	1.8	1.0	.5	.2											43	47	9	5
/ 69		.1	1.2	2.3	.7	.8	.1											44	49	17	10
6 / 67		.5	2.4	1.7	2.2	.2												58	67	36	17
67/ 65		1.4	3.7	2.0	1.3	.4	.1											69	73	51	22
4/ 63	.1	2.5	1.9	2.8	1.0	.6												74	83	54	46
/ 61	.2	2.5	3.1	1.8	.5	.2												76	82	81	58
/ 59	.5	4.1	3.7	1.1	.7													83	88	87	73
/ 57	.4	3.7	3.3	1.8	.4													82	85	108	71
5 / 55	.4	3.6	3.2	.7	.1													67	74	83	105
4/ 53	.3	2.2	3.1	1.2	.2													59	63	87	103
2/ 51		2.2	2.5	.8														46	51	65	71
/ 47		1.2	.9	.2	.1													20	21	56	68
/ 47	.1	1.4	.4	.2														18	19	27	60
4 / 45	.1	1.1	.5	.1														15	15	24	51
4/ 43		.7	.1															7	9	18	26
/ 41		.1	.1															2	2	10	23
4 / 39																				2	14
/ 37																					5
/ 35																					1
3 / 33																					2
/ 31																					1
TOTAL	2.3	27.6	32.9	21.7	10.2	4.1	1.1	.1										833	900	833	833

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5209779	65225	78.3	11.103	833							
Dry Bulb	3439701	55197	61.3	7.784	900			23.5	7.9	.6		90
Wet Bulb	2764839	47663	57.2	6.726	833			7.6	.9			90
Dew Point	2487823	45141	54.2	7.070	833		.1	3.6	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
?? 227	WATERTOWN NY	74-83	JUN

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

Temp. (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]						.3		.1		.1								4	4		
[illegible]					.9	.4		.2		.2								13	13		
/ 81			.1		.3	.2	.4	.2	.2	.7								14	17		
/ 79				.4	1.4	1.7	1.1	.3	.4		.1							42	[illegible]		
/ 77			.1	.4	1.8	1.7	1.1	.9	.4	.2								51	54	1	1
76/ 75			.7	1.4	2.2	2.0	.9	.7	.2									64	68	8	
74/ 73		.1	.2	1.1	2.4	1.3	1.6	.8	.4									66	70	16	4
/ 71		.1	1.1	.8	1.9	1.7	1.3	.5										62	70	26	8
/ 69		.4	2.7	1.4	2.2	2.0	.5	.6	.1									77	61	47	27
/ 67		1.0	2.3	1.9	3.0	.5	.5	.4										83	92	62	26
66/ 65		1.3	1.9	3.2	.7	1.0	.6	.1										73	83	92	45
/ 63		1.6	1.6	1.9	1.1	.9	.6	.1										61	61	96	74
/ 61	.1	1.7	1.4	1.6	1.4	.9	.1											63	61	108	63
/ 59		1.1	2.3	1.7	1.1	.4												54	61	98	84
/ 57		1.2	1.3	.7	.9	.4												41	43	61	82
5 / 55	.2	1.6	1.3	.8	.2	.2												37	38	67	86
/ 53		.8	.4	.5	.5													18	19	59	83
/ 51	.2	.1	.4	.4	.2													11	11	45	75
/ 49			.2															2	[illegible]	22	42
/ 47			.1															1	1	13	37
/ 45			.1															1	1	8	36
4/ 43																				1	24
/ 41																				1	16
40/ 39																					15
/ 37																					6
/ 35																					2
/ 33																					1
TOTAL	.6	10.9	18.0	18.2	21.7	13.9	8.4	5.5	1.7	.9	.1								900		833
																		833		833	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3952700	56126	67.4	14.338	833							
Dry Bulb	4208289	61145	67.9	7.762	900			51.9	27.6	6.6		90
Wet Bulb	3127129	50761	60.9	6.381	833			17.3	2.7			90
Dew Point	2661283	46667	56.0	7.505	833			6.4	.5			90

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

?L ?AL CLIMATOLOGY BRANCH
??AFETAC
A?? WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
??227	?ATERTOWN NY	74-83	J??

PAGE 1 — 1200-14?? HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
?/ 8?											.?	.1						3	3		
8?/ ?7							.1	.2	.1	.1		.1	.1					7	7		
?/ ??						.7	.2	.5	.2	.1	.2	.1						16	22		
?/ ??				.4	.7	.4	1.2	.9	.8	.1	.4							40	44		
?/ 81				.6	.5	1.2	.8	1.0	.5		.4							41	44		
?/ 79			.1	.1	.4	1.4	1.2	.6	.5	.8	.4							46	54	2	
?/ 77			.1	.3	1.4	1.3	1.7	1.1	.7	1.0	.1							69	74	3	2
?/ 75			.3	1.1	1.1	1.3	1.2	1.3	.5	.1	.1							65	73	19	3
?4/ 7?			.3	1.5	1.0	2.3	2.0	.9	.5		.1							75	[illegible]	22	5
?/ 71			1.4	1.4	1.7	2.5	1.2	.4	.2									76	76	43	18
?/ 69			2.4	1.3	1.7	1.6	.7	.6										69	79	58	16
/ 67		.6	1.5	1.3	1.4	1.7	.6	.4	.4									60	65	80	39
6?/ 65		1.2	2.3	1.6	2.0	1.4	1.0	.5										53	54	83	52
?4/ 63	.1	.6	.9	1.0	1.6	1.3	.4											48	54	131	71
?/ 61		1.0	1.1	1.1	1.3	1.0	.1											46	43	119	64
?/ 59	.1	.4	1.2	.4	.4	.7	.1											27	27	76	77
?/ 57		.9	1.2	.4	.6	.4												28	29	60	71
5?/ 55		.6	1.0	.2	.1													16	16	63	80
?/ 53		.5	.5	.4														12	17	44	71
?/ 51			.1	.1														2	2	34	63
?/ 4?			.3															2	[illegible]	19	55
?/ 47			.1															1	1	5	49
?/ 45																				3	35
?4/ 43																					24
?/ 41																					23
4?/ 3?																					9
?/ 37																					7
TOTAL	.3	?.8	15.7	13.7	16.1	18.9	12.6	8.2	4.4	2.3	1.9	.4	.1						897		834
																		834		834	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	34?6367	51763	62.1	15.247	834							
Dry Bulb	45?0879	63765	71.1	8.?47	897			62.5	40.2	15.2		93
Wet Bulb	327697?	52001	62.4	6.444	834			24.5	5.0			93
Dew Point	27?677?	47053	56.4	7.910	834			9.0	1.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]327	WATERTOWN NY	74-83	JUN

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89						.1	.1	.1			.1							4	4		
88/ 87						.1	.9			.2	.5							11	1[illegible]		
86/ 85							.4	.2		.6	.4							13	19		
84/ 83					.2	.6	1.3	.5	1.3	.6	.4							41	43		
82/ 81			.1	.5	.7	.7	1.0	1.1	.8	.2	.1							47	5[illegible]		
80/ 79			.1	.6	1.2	1.7	1.8	1.4	.4	.5	.5							69	74	1	
78/ 77			.1	.4	1.0	.7	1.2	.8	1.4	.4	.6							56	67	8	
76/ 75			.1	.7	.7	1.8	2.[illegible]	1.3	.4		.4							62	71	9	4
74/ 73			.[illegible]	1.7	1.2	1.3	2.3	1.4	.6		.1							77	79	28	5
72/ 71		.1	1.5	.8	1.9	1.0	1.6	.5	.2									64	71	34	16
70/ 69		.7	1.6	.5	2.2	2.3	.6	.1	.5									66	75	59	14
68/ 67		.7	1.3	1.9	1.2	2.7	.5	.4	.5									75	80	87	47
66/ 65		.7	1.3	1.9	1.4	1.9	1.1	.1										71	73	90	49
64/ 63		1.2	1.1	.7	1.0	1.4	.6	.2										51	53	86	6[illegible]
62/ 61		.7	.5	.3	1.1	.7	.4											35	37	111	56
60/ 59		.5	.7	1.3	.4	1.0	.1											33	33	89	7[illegible]
58/ 57	.1	1.2	.4	.2	.1	.4												20	2[illegible]	62	67
56/ 55		.6	.2	.4	.7													16	16	62	35
54/ 53		.1	.7	.1	.1													9	9	45	5[illegible]
52/ 51		.9	.2	.2														8	9	25	51
50/ 49		.7	.2															4	4	26	56
48/ 47																				10	53
46/ 45																				2	2[illegible]
44/ 43																					22
42/ 41																					25
40/ 39																					15
38/ 37																					8
36/ 35																					5
TOTAL	.1	7.1	11.3	12.[illegible]	15.1	17.4	16.2	8.3	6.1	2.5	3.1							834	898	834	834

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3271815	50543	60.6	15.830	834							
Dry Bulb	4632236	64078	71.4	8.169	898			64.1	41.5	16.1		[illegible]
Wet Bulb	3260939	51871	62.2	6.463	834			24.4	5.0			[illegible]
Dew Point	2661949	46635	55.9	8.070	834			8.7	1.0			[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]27	WATERTOWN NY	74-83	JUN

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

Temp. (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
/ 89								.1										1	1		
/ 8[illegible]						.4			.1									4	4		
/ [illegible]							.1			.4	.1							[illegible]	7		
/ 81				.2	.1	.7	.2	.1	.2	.2								12	13		
/ 79			.1	.4	.5	.7	.8	1.0	.2	.1	.1							[illegible]3	35		
7 / 77			.1	.7	1.3	1.0	1.0	1.0	.1	.2								45	51		
/ 75			.5	1.1	1.4	1.3	.5	.2		.7								43	44	8	
74/ 73		.3	.6	1.2	1.0	1.7	1.4	.5	.8		.1							[illegible]3	6[illegible]	8	4
/ 71		.1	1.7	1.6	1.3	1.6	.6	.2	.1									[illegible]	54	24	11
/ 69		.7	1.7	1.2	2.6	1.6	.6	.5										74	[illegible]	41	14
/ 67		.5	2.2	1.4	2.0	1.1	1.0	.1										69	75	57	27
6/ 65	.1	2.3	1.9	2.7	1.7	1.4	.2	.1										[illegible]8	97	93	43
/ 63	.1	1.7	1.3	2.7	1.8	.5	.2											74	[illegible]	80	53
/ 61		1.9	2.3	1.7	1.4	.9	.4	.1										72	7[illegible]	86	65
/ 59		1.7	1.9	2.5	1.0	.8	.1											[illegible]	71	104	83
/ 57		1.3	1.7	1.0	.7	.1												[illegible]	[illegible]	93	70
5 / 55		.8	1.3	1.2	.4	.1												[illegible]2	34	75	102
/ 53		.8	1.0	.5	.2													[illegible]1	21	53	74
/ [illegible]		.4	1.9	.4														16	1[illegible]	43	7[illegible]
/ 4[illegible]		.4	.1	.7														10	10	36	49
/ 47	.1	.4	.1															5	5	20	61
4 / 45		.1																1	1	6	42
/ 43		.1																1	1	8	2[illegible]
/ 41																					21
40/																					15
3 / 37																					5
/ 35																					4
3 / 33																					2
TTL	.4	13.9	20.3	21.1	17.2	13.1	7.2	3.9	1.7	1.2	.4								9[illegible]		937
																		837		837	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4128703	57498	68.7	14.627	837							
Dry Bulb	4057111	60018	66.7	7.801	900			44.5	22.3	4.1		90
Wet Bulb	3053943	50267	60.1	6.475	837			14.8	1.7			90
Dew Point	2610556	46310	55.3	7.600	837			6.0	.4			90

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

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

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible] 727	AISRTOWN NY	74-83	JUN

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

Temp (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] / 7[illegible]																			[illegible]		
7 / 77					.3	.1		.1										4	4		
[illegible] / 7[illegible]			.7	.1	.4	.5	.1	.1										15	15		
[illegible] / 7[illegible]			1.4	.3		.5	.1											18	1[illegible]		
[illegible] / [illegible]		.1	.[illegible]	.4	1.3	.6	.1											27	31	9	
[illegible] / 6[illegible]		.9	2.3	.4	1.0													35	41	16	11
[illegible] / 6[illegible]		1.[illegible]	2.2	1.5	.9	.5												[illegible]3	61	20	12
6[illegible] / 6[illegible]	.1	1.6	2.2	2.4	1.9	.4	.1											73	76	42	33
[illegible] / 6[illegible]	.4	3.2	1.5	2.8	1.0													70	73	63	37
[illegible] / 61	.3	4.9	3.3	1.7	.8	.1												[illegible]5	[illegible]	75	49
[illegible] / [illegible]		3.1	2.1	1.9	.9													64	79	75	71
[illegible] / 57	.6	3.1	3.1	1.0														62	66	95	75
[illegible] / [illegible]	.3	4.1	3.6	.9	.1													69	77	71	75
[illegible] / 53	.3	2.1	3.1	.[illegible]	.5													52	[illegible]	79	85
[illegible] / [illegible]		2.9	3.1	.6														51	52	61	66
[illegible] / 4[illegible]	.1	2.4	2.1	.3	.3													46	49	45	73
[illegible] / 47	.4	1.3	1.3	.3	.3													27	29	61	67
4 / 4[illegible]	.1	1.5	.3															15	17	31	43
[illegible] / 43	.1	.9	.4															10	11	22	37
[illegible] / 41																				9	[illegible]
[illegible] / 3[illegible]																				3	15
3 / 37																					7
[illegible] / 35																					[illegible]
3 / 33																					3
[illegible] / 31																					1
TOTAL	[illegible].4	33.4	34.6	16.2	9.7	2.3	.6	.3											840		777
																		777		777	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5044208	62004	79.8	11.142	777							
Dry Bulb	3070728	50390	60.0	7.558	840			18.5	4.3	.2		[illegible]
Wet Bulb	2492941	43695	56.2	6.786	777			5.2				[illegible]
Dew Point	2258165	41503	53.4	7.296	777		.1	2.7				[illegible]

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

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

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]27	[illegible]ERTOWN NY	74-83	JUN

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 8[illegible]						.[illegible]	.0	.0			.[illegible]	.0						8	8		
8/ 87						.1	.1	.0	.0	.0	.1	.0	.0					13	19		
/ [illegible]						.[illegible]	.1	.1	.0	.1	.1	.0						39	4[illegible]		
/ [illegible]				.[illegible]	.2	.7	.3	.2	.3	.2	.1							99	107		
/ 81			.1	.2	.2	.2	.4	.3	.2	.1	.1							116	126		
/ 79			.1	.3	.5	.6	.6	.5	.2	.2	.[illegible]							199	231	3	
/ 77			.1	.4	.8	.8	.7	.5	.3	.2	.1							237	261	12	3
/ 75			.3	.7	.9	1.1	.6	.5	.1	.0	.1							290	305	45	7
/ 73		.7	.7	1.1	.9	1.[illegible]	1.0	.5	.3		.0							358	387	96	19
/ 71		.1	1.3	1.1	1.3	1.7	.7	.2	.1									374	403	156	63
/ 69		.3	1.[illegible]	1.2	1.9	1.1	.3	.2	.1									405	451	249	99
/ 67		.9	2.[illegible]	1.6	1.5	.7	.3	.2	.1									466	509	372	177
6[illegible]/ 65	.0	1.5	1.7	2.2	1.3	.7	.4	.1										537	584	507	278
/ 63	.2	1.9	1.9	1.8	1.1	.6	.2	.0										486	523	572	380
/ 61	.2	2.7	2.7	1.4	.9	.9	.1	.0										513	547	685	416
/ 59	.4	2.3	2.5	1.3	.5	.4	.[illegible]											461	519	697	591
/ 57	.[illegible]	2.4	2.2	.9	.4	.2												404	424	613	589
5 / 55	.2	2.2	2.1	.7	.3	.[illegible]												357	364	573	667
/ 53	.3	1.6	1.9	.6	.2													276	295	493	625
/ 51	.2	1.5	1.6	.3	.0	.[illegible]												273	243	395	527
/ 49	.1	1.9	1.1	.2	.1													177	193	314	460
/ 47	.1	1.2	.5	.1	.0													132	137	251	430
/ 45	.1	1.2	.3	.0														110	117	181	349
4/ 43	.1	.6	.3															57	65	116	254
/ 41	.1	.4	.1	.0														37	41	61	204
40/ 39	.1	.3	.1															29	34	37	140
/ 37	.1	.2	.[illegible]															18	23	32	73
/ 35	.1	.1																7	7	16	53
3[illegible]/ 33																				4	22
/ 31																					11
/ 29																					[illegible]
TOTAL	2.5	22.7	23.3	16.0	12.5	9.5	6.0	3.4	1.8	.9	.7	.0	.0						6960		6460
																		6460		6460	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35623451	468843	72.6	15.722	6460							
Dry Bulb	29416555	447889	64.2	9.847	6980			294.1	153.5	44.4		720
Wet Bulb	22438330	377532	58.4	7.618	6460			102.9	16.3			720
Dew Point	19480091	351021	54.3	7.933	6460		1.6	41.5	3.2			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	[illegible]TERTOWN NY	74-82	JUL

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (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]/ 79			.4	.4	.2													8	[illegible]		
78 / 77			.3	.4	.4	.1	.4											12	12		
76 / 75			.7	1.1	1.2	.6	.2											31	32	4	7
74 / 73		.3	1.3	1.1	.7	.5												33	33	10	1
72 / 71		1.6	2.5	1.8	.8	.5												60	61	15	11
70 / 69		1.7	2.3	2.3	.7	.7		.1										65	65	38	22
68 / 67	.1	2.4	3.3	1.8	.8													73	73	60	32
66 / 65	1.1	3.2	2.9	2.5	.7	.1	.2											87	89	85	60
64 / 63	.2	4.0	1.7	1.7	.4	.1												63	63	84	62
62 / 61	.5	5.2	3.3	1.2	.2													91	93	92	74
60 / 59	.3	4.5	3.4	1.2														79	79	96	107
58 / 57	.5	3.9	2.2	1.3	.2													67	67	92	84
56 / 55	.8	2.8	1.5	.1														43	46	75	93
54 / 53	.4	2.9	1.0	.4														38	38	56	90
52 / 51	.2	2.2	1.7	.4														31	31	45	51
50 / 49	.3	1.2	.1	.1														14	14	29	49
48 / 47	.1	1.7																9	9	20	33
46 / 45	.6	.7																11	11	15	27
44 / 43	.1	.4																4	4	6	15
42 / 41		.1																1	1	2	6
40 / 39																				1	5
TOTAL	5.1	38.2	28.1	17.7	6.5	2.7	.8	.1											837		825
																		825		825	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5658757	67725	82.1	10.969	825							
Dry Bulb	3384544	52861	63.2	7.435	837			31.9	9.6	.6		93
Wet Bulb	2979853	49289	59.7	6.528	825			14.3	1.6			93
Dew Point	2754487	47346	57.4	6.731	825			7.8	.5			93

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

[illegible]BAL CLIMATOLOGY BRANCH
[illegible]SAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]727	[illegible]ATERTOWN NY	74-83	JUL

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

Temp. (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]/ [illegible]					.4													3	3		
7 / 77			.1	.2	.2	.2												7	7		
[illegible]/ 75		.2	1.1	1.1	.2	.2												24	24	4	
[illegible]4/ 7[illegible]		.4	.3	1.1	.5	.2												26	26	5	3
[illegible]/ 71		.7	1.5	1.9	.9	.1												44	45	13	1[illegible]
[illegible]/ 69	.3	1.9	2.6	3.4	1.5	.5	.1											67	68	38	16
[illegible]/ 67	1.1	2.7	3.3	2.1	.7													84	87	54	36
6[illegible]/ 65	.9	2.9	2.2	1.2	.2													64	65	75	57
[illegible]/ 63	1.3	2.6	2.9	1.4	.4	.1												75	76	112	66
[illegible]/ 61	.3	3.5	2.7	1.3	.1													72	72	69	81
[illegible]/ 59	.3	4.7	2.3	1.2														74	76	86	92
[illegible]/ 57	.3	3.2	1.2	.9														49	49	77	78
[illegible]/ 55	.7	2.4	2.4	.5														53	56	66	84
[illegible]/ 53	.9	4.2	.2	.2														48	48	59	73
[illegible]/ 51	1.1	2.6	1.3	.1														43	43	64	60
[illegible]/ 49	1.3	1.9	1.1	.1														36	36	36	68
[illegible]/ 47	.4	1.9	.2															18	18	35	38
[illegible]/ 45	.2	1.9	.2															19	19	17	23
[illegible]/ 43	.8	1.4																17	17	25	33
[illegible]/ 41	.[illegible]	.6																9	9	14	22
[illegible]/ 39	.4																	3	3	6	14
[illegible]/ 37		.1																1	1	1	3
[illegible]/ 35																					1
TOTAL	11.4	39.3	25.3	16.6	5.1	1.5	.1												868		856
																		856		856	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6153703	72021	84.1	10.491	856							
Dry Bulb	3325933	53231	61.3	8.421	868			30.0	6.4	.3		93
Wet Bulb	2964295	49963	58.4	7.497	856			12.4	1.0			93
Dew Point	2761734	48198	56.3	7.484	856			7.1	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7? 227	ATERTOWN NY	74-83	JUL
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88 / 87							.1											1	1		
86 / 85						.1												2	2		
84 / 83						.1		.1										2	2		
82 / 81				.1	.3	.2	.1											6	6		
80 / 79			.1	.7	.4	.3												14	14		
78 / 77			1.0	.9	1.1	.[illegible]	.3	.1										33	33		
76 / 75		.1	1.2	1.3	2.7	.7	.1	.1	.1									56	59	7	
74 / 73		.1	1.1	4.0	1.4	.9												63	70	22	5
72 / 71		.9	2.4	3.7	3.0	.8	.5											103	103	33	19
70 / 69	.4	2.1	4.4	3.3	2.7	.7			.1									120	123	61	39
68 / 67		2.1	4.7	2.6	2.0													104	111	105	44
66 / 65	.5	2.9	3.4	2.3	.8	.5												95	97	126	88
64 / 63	.3	1.8	2.9	1.6	1.1	.2												72	73	133	108
62 / 61	.4	2.7	2.7	1.3	1.7													68	69	101	113
60 / 59	.3	2.7	1.4	.9	.5													54	57	103	121
58 / 57	.2	1.4	1.3	.9														35	35	60	90
56 / 55	.3	1.4	1.7		.1													26	28	54	64
54 / 53	.4	.9	.3	.1														16	16	46	59
52 / 51	.2	1.7	.1															12	12	25	41
50 / 49	.1	.8	.3															11	11	10	44
48 / 47		.4																4	4	11	20
46 / 45	.2	.2																4	4	8	22
44 / 43	.1	.1																2	3	2	5
42 / 41																				1	7
40 / 39																					1
TOTAL	3.[illegible]	21.6	27.7	23.4	16.4	5.4	1.2	.3	.2										930		910
																		910		910	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5611863	70671	77.7	11.657	910							
Dry Bulb	4194597	62112	66.8	7.060	930			52.4	18.7	1.7		93
Wet Bulb	3543665	56681	62.3	6.042	910			23.3	3.0			93
Dew Point	3241622	53996	59.3	6.440	910			10.9	.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72?227	WATERTOWN NY	74-83	JUL

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 8							.1		.1									2	2		
8/ 87							.4	.1		.2								7	7		
6/					.2	.9	.2	.8		.1								20	20		
/					.7	.4	1.1	.7	.3									29	33		
/ 81				.2	1.6	2.3	1.1	.4	.7	.3								61	62		
/ 7			.1	1.4	1.5	4.2	1.6	1.2	.5	.2	.2							101	101		
7 / 77		.1	.3	1.8	4.5	4.3	2.7	.9	.4	.3								140	142	7	
76/ 75			1.1	2.4	4.5	4.0	1.5	1.1	.3									139	143	26	1
4/ 73		.1	1.1	3.1	3.9	2.6	.4	1.1	.1	.1								115	116	53	8
/ 71		.9	1.4	2.1	2.1	1.9	1.0	.5	.2									85	87	95	40
/ 69		.4	1.4	1.8	2.0	1.4	1.0	.7										79	82	135	55
/ 67		.3	.9	1.3	.5	.3	1.0	.3	.1									47	47	144	89
67/ 65		.2	.9	1.8	1.3	1.2	.4											53	54	154	105
4/ 6		.7		.1	.7	.2	.1											16	16	74	103
/ 61		.1			.4	.2												7	8	93	122
/ 59		.1		.1	.1													3	3	42	102
/ 57		.3	.1			.3												5	5	44	78
5 / 55				.1														1	1	27	44
4/ 53		.2		.1														3	3	11	28
/ 51			.1															1	1	4	45
/ 4																				2	31
/ 47																				3	24
4 / 45																					19
4/ 43																					12
/ 41																					4
4/ 3																					2
/ 37																					2
TOTAL		3.1	7.5	16.1	24.1	24.3	12.6	7.8	2.8	1.3	.2								930		914
																		914		914	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3775769	57627	63.0	12.490	914							
Dry Bulb	5197381	69320	74.5	5.723	930			83.9	62.3	17.7		93
Wet Bulb	4010744	60354	66.0	5.274	914			46.8	8.8			93
Dew Point	3412697	55483	60.7	6.996	914			19.6	.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
?? 227	WATERTOWN NY	74-83	JUL

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91								.1	.4	.2	.2							9	9		
90/ 89							.7	.5	.2	.4	.4							21	21		
88/ 87						.5	.7	.1	.3	.4	.2							21	21		
86/ 85						.9	1.9	1.7	.9	.4	.3	.1						57	57		
84/ 83				.1	.9	1.6	2.0	2.2	.9	.4	.7	.1						78	81		
82/ 81			.2	.1	1.4	2.8	3.1	2.8	1.0	.3	.7							123	126		
80/ 79				.9	1.7	5.9	3.2	2.2	1.9	.7								150	150	1	
78/ 77			.3	1.5	3.1	2.8	2.7	1.7	1.1	.5	.1							126	130	19	1
76/ 75	.1	.1	.2	1.1	1.4	2.1	1.2	1.4	1.0	.3	.1							82	93	38	4
74/ 73		.1	1.1	1.5	1.4	1.6	1.3	.7	1.2	.2	.1							65	85	84	14
72/ 71			1.1	.9	1.4	.3	.8	1.3	.4									57	63	118	43
70/ 69		.5	.3	.7	.3	1.3	.4	.7	.1									45	45	150	60
68/ 67		.3	.7	.4	.1	.5	.2											21	21	136	91
66/ 65		.2	.3	.1	.8	.1	.1											17	17	121	109
64/ 63		.1	.4	.2	.2	.1	.1											11	11	78	94
62/ 61		.2	.3	.1		.2												7	7	60	110
60/ 59		.2		.1														3	3	49	96
58/ 57			.1	.1														2	2	42	62
56/ 55				.1														1	1	12	49
54/ 53																				8	40
52/ 51																				2	43
50/ 49																					33
48/ 47																					24
46/ 45																					24
44/ 43																					10
42/ 41																					7
40/ 39																					3
/ 35																					1
TOTAL	.1	1.9	5.9	8.3	12.4	20.9	18.2	15.5	9.4	4.6	2.8	.2						918	930	918	918

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3166094	52428	57.1	13.690	918							
Dry Bulb	5671969	72415	77.9	5.990	930			88.9	76.3	40.0		93
Wet Bulb	4176255	61733	67.2	5.209	918			55.3	14.4			93
Dew Point	3439778	55766	60.8	7.363	918			21.6	1.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7??227	ATERTOWN, NY	74-63	JUL

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 9?											.1							1	1		
/ 91							.2		.1	.4	.2	.1						13	17		
/ 89							.3	.5	.4	.4	.3	.2						23	23		
8?/ 87						.9	1.2	.5	.7	.1	.1							29	29		
/ 85					.9	.9	1.0	.9	1.4	.4	.4	.2						53	53		
/ 83				.1	.5	1.1	2.4	.9	1.2	1.1	.5	.2						76	76		
/ 81			.2	.3	.7	3.9	2.7	1.5	2.6	1.7	.1	.1						117	117		
/ 79			.1	.4	1.2	5.5	3.0	2.7	2.5	1.1								156	156	8	
7 / 77			.1	1.3	2.1	2.7	3.4	1.6	1.0	.1	.2							112	115	22	
/ 75			.2	1.6	2.0	2.7	1.4	1.4	.3	.5								96	96	33	13
?4/ 73		.1	1.0	2.4	1.2	1.9	1.1	.7	.1	.2								79	79	70	17
/ 71		.2	1.3	.5	.9	.7	1.3	1.1	.5									62	65	104	35
/ 69			1.7	.4	.5	1.4	1.0	.2										44	47	153	42
5 / 67		.2	.7	.2	.5	.5	.2	.1										25	25	126	81
6/ 65		.3	.4	.1	.1													11	11	148	124
4/ 63		.7	.1			.1												10	10	102	99
/ 61		.3	.1			.3												7	7	58	89
/ 59		.2		.2														4	4	50	91
/ 57		.4		.2														6	6	28	65
5 / 55																				11	79
4/ 53																				5	61
2/ 51																				3	50
/ 49																					23
/ 47																					22
4 / 45																					14
4/ 43																					8
/ 41																					5
/ 39																					3
TOTAL		2.5	6.3	8.7	10.4	21.7	19.9	12.1	10.9	5.4	2.1	.9						921	930	921	921

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	3175717	52507	57.0	14.075	921
Dry Bulb	5668034	72376	77.8	6.179	930
Wet Bulb	4184314	61902	67.2	5.083	921
Dew Point	3438704	55892	60.7	7.081	921

Element (X)	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			89.2	75.5	38.6	.1	93
Wet Bulb			52.1	13.4	.2		93
Dew Point			19.0	3.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72227	WATERTOWN NY	74-83	JUL

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

Temp. (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
/ 91											.1							1	1		
/ 89							.1											1	1		
87/ 87						.1	.1	.2	.1	.1								6	6		
/ 85					.2	.3	.4	.3	.2									14	14		
/ 83				.2	.3	.5	.7	.2	.2	.1								21	22		
/ 81			.1	.5	1.1	1.1	1.2	.3	.4	.3								46	47		
/ 79			.3	.3	1.7	1.6	1.7	.3	.3	.2								62	63		
7 / 77			.8	1.2	2.6	2.3	2.3	.7	.7	.1								97	97	7	
/ 75		.3	1.1	2.5	3.6	2.9	1.5	1.1	.1	.2								119	119	16	3
/ 73		.1	1.2	3.2	3.0	2.2	1.6	.3	.2									109	110	56	19
/ 71		.3	3.2	2.9	3.4	2.7	.5	.7										119	121	59	21
/ 69	.1	.5	3.6	1.8	2.8	1.6	.2	.2	.1									102	106	108	47
/ 67	.1	1.1	1.3	1.3	1.4	.8	.8	.1										72	72	134	79
6/ 65	.1	1.2	2.1	2.2	.7	.7	.2											65	66	147	95
/ 63	.1	1.1	.9	1.8	.4	.3												41	41	128	119
/ 61		.4	.3	.4	.2	.1												14	14	103	113
/ 59	.2	.1	.2	.7	.3													14	14	74	114
/ 57		.4	.4	.1	.1													10	10	34	80
/ 55		.3	.1		.1													4	4	25	78
4/ 53		.2																2	3	17	48
/ 51																				8	40
/ 49																				1	22
/ 47																					19
4 / 45																					14
/ 43																					6
/ 41																					1
/ 39																					2
TOTAL	.9	6.1	16.7	19.5	22.1	16.1	11.4	4.5	2.4	1.0	.1								930		919
																		919		919	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4306005	61709	67.1	13.299	919							
Dry Bulb	4948673	67600	72.7	6.134	930			77.9	48.0	12.7		93
Wet Bulb	3942988	60010	65.3	5.143	919			38.7	8.2			93
Dew Point	3421619	55763	60.7	6.437	919			17.9	2.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (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
84/ 83					.1													1	1		
82/ 81				.3	.1	.1												5	5		
80/ 79			.2	.3	.3	.3												11	11		
78/ 77			.5	.5	1.6	.5												27	27	1	
76/ 75		.1	1.1	.9	.9	.8	.1	.1										35	38	5	2
74/ 73		.2	1.6	2.4	1.2	.2												49	49	15	6
72/ 71	.1	1.2	3.1	3.5	1.0	.6	.2											84	84	29	13
70/ 69		.8	4.0	2.4	.7	.5	.1	.1	.1									75	76	47	24
68/ 67	.1	2.6	3.7	3.3	.9	.2	.1	.1	.1									96	99	77	42
66/ 65	.5	4.2	5.0	2.8	.8	.2												116	116	104	75
64/ 63	.5	3.0	3.8	2.8	.6	.1												93	93	110	95
62/ 61	.3	4.5	4.4	1.2	.1													91	91	108	90
60/ 59	.2	2.7	2.8	.8	.5													60	61	129	122
58/ 57	.3	1.7	1.7	.8	.1													41	42	89	96
56/ 55	.1	1.9	1.3	.3														31	32	41	99
54/ 53	.1	.8	1.4															20	20	46	65
52/ 51		1.4	.8															19	19	30	50
50/ 49		.2	.2															4	4	22	23
48/ 47		.1																1	1	4	30
46/ 45																				2	20
44/ 43																					3
42/ 41																					1
40/ 39																					2
38/ 37																					1
TOTAL	2.3	25.5	35.7	22.5	9.1	3.5	.6	.3	.2										869		859
																		859		859	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	5497711	68125	79.3	10.517	859							
Dry Bulb	3790140	57112	65.7	6.498	869			41.7	14.0	1.3		93
Wet Bulb	3295299	52977	61.7	5.718	859			18.8	2.3			93
Dew Point	3017747	50635	58.9	6.201	859			9.4	.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	JUL

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (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
94/ 93											.0							1	1		
92/ 91							.0	.0	.1	.1	.1	.0						20	20		
90/ 89							.2	.1	.1	.1	.1	.0						47	47		
88/ 87						.0	.3	.1	.1	.1	.0							64	64		
86/ 85					.2	.4	.4	.5	.3	.1	.1	.0						146	146		
84/ 83				.1	.3	.5	.8	.5	.3	.2	.2	.0						210	215		
82/ 81			.1	.3	.7	1.3	1.1	.7	.6	.3	.1	.0						358	363		
80/ 79			.1	.6	.9	2.3	1.3	.8	.7	.3	.0							502	503	9	
78/ 77		.1	.5	.9	2.0	1.6	1.5	.6	.4	.1	.0							556	563	56	1
76/ 75	.0	.1	.9	1.5	2.1	1.7	.8	.7	.2	.1	.0							584	595	135	26
74/ 73		.2	1.2	2.4	1.7	1.3	.3	.4	.2	.1	.0							564	568	315	73
72/ 71	.0	.7	2.1	2.1	1.7	.8	.6	.5	.2									614	626	466	192
70/ 69	.1	1.0	2.5	2.0	1.3	1.1	.4	.3	.1									617	632	730	305
68/ 67	.2	1.4	2.4	1.6	.9	.4	.3	.1	.0									522	537	836	493
66/ 65	.4	1.8	2.1	1.6	.7	.4	.1											508	515	960	713
64/ 63	.3	1.7	1.6	1.2	.5	.2	.0											386	389	821	746
62/ 61	.3	2.1	1.6	.7	.3	.1												357	359	684	792
60/ 59	.2	1.8	1.2	.6	.2													291	297	629	845
58/ 57	.2	1.4	.9	.5	.1	.0												215	216	466	633
56/ 55	.2	1.1	.7	.1	.0													159	166	311	610
54/ 53	.2	1.1	.4	.1														127	127	250	464
52/ 51	.2	.9	.4	.1														106	106	181	380
50/ 49	.2	.5	.2	.0														65	65	100	293
48/ 47	.1	.4	.0															32	32	73	210
46/ 45	.1	.3	.0															34	34	42	163
44/ 43	.1	.2																23	24	33	92
42/ 41	.1	.1																10	10	17	51
40/ 39	.0																	3	3	7	32
38/ 37		.0																1	1	1	6
36/ 35																					2
TOTAL	2.9	16.7	18.8	16.5	13.5	12.2	8.4	5.2	3.3	1.6	.7	.1							7224		7122
																		7122		7122	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	37345619	502813	70.6	16.105	7122							
Dry Bulb	36181269	507026	70.2	9.076	7224			502.6	317.7	116.1	.1	744
Wet Bulb	29117313	452909	63.6	6.656	7122			266.1	53.8	.2		744
Dew Point	25487677	423099	59.4	7.036	7122			113.9	10.4			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	AUG
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79			.2	.3		.1												6	6		
78/ 77			.1		.4	.1												6	6		
76/ 75		.1	.5	.1														7	7	3	
74/ 73		.5	1.9	1.3	.1													35	35	6	3
72/ 71		1.0	2.5	1.3														50	50	14	14
70/ 69	.4	2.3	4.1	2.2														82	82	44	15
68/ 67	1.2	2.5	3.3	1.3														81	84	92	62
66/ 65	1.3	4.4	2.5	1.1	.4													89	93	89	75
64/ 63	1.5	4.7	2.7	1.9	.3													102	102	100	90
62/ 61	1.1	3.6	2.4	1.2	.2													78	79	79	83
60/ 59	.5	4.2	3.7	.5	.1													85	86	83	96
58/ 57	.5	3.6	2.1	.3														59	60	88	58
56/ 55	1.3	3.2	1.9	.4														64	66	93	93
54/ 53	.8	3.4	1.1	.2														50	50	60	89
52/ 51	1.0	3.3	.9	.1	.1													49	52	66	65
50/ 49	.3	2.3		.1														25	26	38	68
48/ 47	.3	1.8		.1														20	20	31	45
46/ 45	.4	.7																10	10	16	27
44/ 43	.7	.3																9	9	12	12
42/ 41		.4																4	4	6	10
40/ 39																				1	3
38/ 37		.1																1	1	1	3
36/ 35	.2																	2	2	2	2
34/ 33																					1
TOTAL	11.9	43.0	30.5	12.6	1.8	.2													930		914
																		914		914	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6858857	78753	86.2	8.958	914							
Dry Bulb	3589298	57346	61.7	7.568	930			27.0	5.4	.1		93
Wet Bulb	3244077	54073	59.2	7.026	914			15.2	.9			93
Dew Point	3063771	52513	57.5	7.151	914			9.6	.3			93

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

GL?BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7?6227	WATERTOWN NY	74-83	AUG

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (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/ 79			.1	.2														3	3		
7 / 77			.4															4	4		
76/ 75		.1	.3	.5	.1													12	12	1	
74/ 73		.3	.9	.3	.2													20	20	9	1
72/ 71		1.3	?.7	.1														38	38	10	12
7/ 69	.2	2.1	3.9	1.0	.1													67	68	31	20
6 / 67	1.2	2.4	4.0	.9														78	63	72	48
6/ 65	1.2	3.7	2.1	1.1	.1													75	75	82	68
4/ 63	1.3	4.7	2.6	.8	.3													86	86	77	75
2/ 61	1.7	3.2	1.9	1.2														73	74	82	80
/ 59	2.0	4.1	2.5	.9														87	88	90	83
/ 57	.8	4.4	2.5	.2														72	73	80	75
5 / 55	.7	2.3	2.6															51	53	80	77
4/ 53	1.4	2.9	.9	.1														48	48	56	73
2/ 51	1.2	3.7	.9	.2														55	56	60	68
50/ 49	1.4	2.7	.3	.1														42	43	58	71
4/ 47	1.0	2.5	.3															35	35	37	57
4 / 45	1.5	2.6																38	38	42	33
44/ 43	.5	.5																10	10	25	34
42/ 41	.7	.4																10	10	10	17
4 / 39	.3	.2																7	7	8	14
3 / 37	.1	.1																2	2	2	5
3 / 35	.3																	3	3	4	3
3 / 33	.1																	1	1	1	3
TOTAL	17.6	44.3	29.2	8.1	.9														930		917
																		917		917	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7171623	80711	88.0	8.599	917							
Dry Bulb	3392480	55620	59.8	8.432	930			22.8	3.9			93
Wet Bulb	3102597	52853	57.6	7.841	917			12.5	1.0			93
Dew Point	2949221	51503	56.2	7.859	917			8.2	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227 — STATION | WATERTOWN NY — STATION NAME | 74-83 — YEARS | AUG — MONTH

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

Temp. (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				.2														2	2		
80/ 79				.9	.2													9	9		
78/ 77			.3	.2	.7	.1												12	12		
76/ 75	.1	.5	.3	.9	.3													24	24	5	1
74/ 73		1.0	2.1	1.4	.1	.3												45	46	16	4
72/ 71	.1	1.3	4.3	1.3	.2	.3												69	70	28	21
70/ 69	.3	2.5	6.1	1.5	.9													104	107	60	30
68/ 67	.3	2.7	4.0	2.1	.8	.1												96	97	94	76
66/ 65	.7	3.3	3.2	1.4	.2													80	81	91	82
64/ 63	.4	5.0	2.5	1.3	.1													86	83	94	64
62/ 61	.9	3.3	3.1	1.1	.1													77	79	104	83
60/ 59	1.3	3.9	3.2	.7														83	84	100	109
58/ 57	1.4	3.6	1.1															56	58	89	95
56/ 55	.3	3.0	1.5	.1														46	47	64	86
54/ 53	.5	1.9	.3	.3														32	32	38	61
52/ 51	.9	1.8	.5	.1														30	30	46	57
50/ 49	.3	1.9	.3															22	22	23	44
48/ 47	.3	1.0	.3															15	15	26	25
46/ 45	.3	.9																10	10	16	21
44/ 43	.2	.5		.1														8	9	9	15
42/ 41	.3	.1																4	4	6	9
40/ 39	.2																	2	2	3	7
38/ 37																					1
36/ 35	.1																	1	1	1	
34/ 33	.1																	1	1	1	3
TOTAL	9.7	38.0	34.2	13.6	3.6	.9													929		914
																		914		914	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6665481	77579	84.9	9.401	914							
Dry Bulb	3787094	58864	63.4	7.858	929			36.7	9.3	.8		93
Wet Bulb	3393889	55315	60.5	7.117	914			20.7	2.1			93
Dew Point	3190806	53600	58.6	7.215	914			13.4	.5			93

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

AD-A159 640 WATERTOWN NEW YORK REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. OCT 84

UNCLASSIFIED USAFETAC/DS-84/035 F/G 4/2 NL

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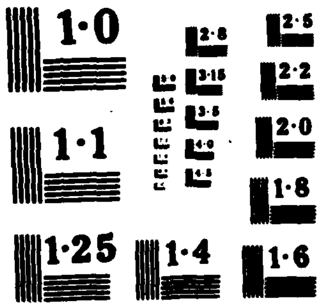
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	AUG

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (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
90/ 89								.1										1	1		
88/ 87						.1	.1	.1										3	3		
86/ 85					.3	.5	.2	.2										12	12		
84/ 83			.1		.3	.5	.4	.1										14	14		
82/ 81				.4	.9	1.0	.3	.1	.3									28	28		
80/ 79			.2	.3	1.9	2.1	.5	.5	.1									52	52	1	
78/ 77			.1	1.6	4.8	1.4	1.1	.9										91	93	9	1
76/ 75		.1	2.2	4.8	3.3	1.2	1.3	.5	.1									124	126	16	1
74/ 73		.8	2.4	4.9	2.7	2.1	.4	.4										126	129	36	15
72/ 71	.1	.9	3.4	2.2	3.4	1.5	1.0	.4										118	119	93	26
70/ 69		1.1	3.6	2.5	1.6	1.3	1.0											102	103	139	73
68/ 67		.4	2.1	1.4	1.4	1.0	.2	.2										62	62	127	95
66/ 65	.1	1.3	1.2	1.9	1.4	.7	.1											61	62	114	116
64/ 63		.8	.8	2.5	.8	.1												45	45	110	118
62/ 61	.1	1.4	.8	.8	.5													33	35	73	83
60/ 59	.2	.9	.4	.9		.1												23	24	84	83
58/ 57	.3	.4	.7		.2													15	15	62	79
56/ 55		.1	.1	.2														4	4	29	76
54/ 53	.2																	2	2	18	56
52/ 51				.1														1	1		34
50/ 49																				5	37
48/ 47																					12
46/ 45																				1	3
44/ 43																					1
42/ 41																					4
40/ 39																					4
TOTAL	1.1	8.2	18.0	24.5	23.6	13.6	6.8	3.7	.5									917	930	917	917

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4676481	64473	70.3	12.519	917							
Dry Bulb	4826532	66748	71.8	6.216	930			74.2	45.8	8.1		93
Wet Bulb	3935958	59872	65.3	5.414	917			42.7	6.3			93
Dew Point	3478856	56166	61.2	6.500	917			21.4	1.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	AUG

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91										.1								1	1		
90/ 89							.8	.2	.2									11	11		
88/ 87						.3	.8	.5	.3									18	18		
86/ 85					.4	1.0	.7	.2	.5									26	26		
84/ 83				.1	.4	1.2	1.1	1.3	.5									43	43		
82/ 81				.3	1.9	2.4	2.0	1.3	.9	.2								82	82		
80/ 79			.1	1.3	2.3	4.0	1.6	2.5	.8									116	117	3	
78/ 77			.1	2.7	5.1	1.7	2.3	.8	.8									124	126	15	
76/ 75		.1	1.4	2.8	2.9	1.5	2.0	1.4	.5									117	123	26	4
74/ 73		.4	.7	2.3	1.3	2.4	1.9	1.2	.4	.1								98	101	82	15
72/ 71		.9	1.3	1.4	1.5	1.6	1.7	1.1	.2									90	90	119	41
70/ 69		.4	1.1	1.2	1.0	1.6	1.0	.4										62	62	141	87
68/ 67	.1	.2	1.7	.3	1.3	.7	.5	.1	.1									47	47	115	96
66/ 65	.1	.4	.2	.5	.5	.3	.3											23	23	105	110
64/ 63		1.1	.9	.4	.8	.1												30	30	83	93
62/ 61	.1	.5	.4	.1	.2	.1	.2											16	16	80	81
60/ 59		.2				.3												5	5	78	82
58/ 57		.3	.1															4	4	38	71
56/ 55	.2																	2	2	19	68
54/ 53		.3																3	3	7	53
52/ 51																				3	47
50/ 49																				4	25
48/ 47																					20
46/ 45																					14
44/ 43																					3
42/ 41																					4
40/ 39																					3
36/ 35																					1
TOTAL	.3	5.0	8.1	13.6	19.7	19.4	16.8	11.1	5.3	.4									930		918
																		918		918	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3800032	57714	62.9	13.679	918							
Dry Bulb	5315420	70064	75.3	6.308	930			84.7	64.8	24.5		93
Wet Bulb	4099406	61138	66.6	5.493	918			50.8	12.8			93
Dew Point	3489835	56225	61.2	7.099	918			24.6	1.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227 (STATION) | WATERTOWN NY (STATION NAME) | 74-83 (YEARS) | AUG (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91									.2	.1	.1							4	4		
90/ 89							.1	.3	.1	.1								6	6		
88/ 87						.4	.4	.4	.3									15	15		
86/ 85					.2	1.0	.3	.3		.4								21	21		
84/ 83				.1	.5	1.0	1.0	1.2	1.4									48	48		
82/ 81			.1	.2	.8	1.5	2.9	2.4	.4									77	77		
80/ 79			.1	.9	2.0	5.0	2.7	2.9	1.1	.1	.1							137	137	3	
78/ 77			.5	2.9	3.0	2.0	1.8	1.5	.5	.2								116	118	12	1
76/ 75			1.4	2.5	2.3	2.4	1.4	1.3	.3	.1								108	110	24	6
74/ 73		1.0	1.0	2.2	1.4	2.4	2.3	1.4	.2									109	111	57	9
72/ 71		.3	2.1	1.6	1.5	2.5	1.0	.5	.2									90	91	111	34
70/ 69	.1	.5	1.2	1.2	.7	1.6	1.1	.4	.2									65	66	151	69
68/ 67		.3	1.3	.7	2.3	.9	.7	.1										57	58	135	85
66/ 65	.1	.9	.7	.7	.4	.3												28	28	124	112
64/ 63		.1		.7	.3	.1												11	11	86	104
62/ 61		.3	.2		.2	.4												11	11	77	91
60/ 59	.2	.1	.1			.2												6	6	70	97
58/ 57		.3	.1															4	4	43	63
56/ 55	.1	.3																4	4	12	84
54/ 53																				7	58
52/ 51			.1															1	1	3	35
50/ 49			.1															1	1	3	24
48/ 47			.1															1	1	1	20
46/ 45		.1																1	1		14
44/ 43																				2	6
42/ 41																					4
40/ 39																					5
TOTAL	.5	4.3	9.1	13.6	15.6	21.7	15.7	12.9	5.1	1.1	.2								930		921
																		921		921	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	3737556	57264	62.2	13.875	921							
Dry Bulb	5308456	70020	75.3	6.279	930			86.2	64.7	29.4		93
Wet Bulb	4085240	61144	66.4	5.313	921			49.8	9.7			93
Dew Point	3459531	56087	60.9	6.912	921			20.6	1.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	AUG

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87							.1											1	1		
86/ 85						.1	.2	.1										4	4		
84/ 83				.1	.1	.2	.1		.1									6	6		
82/ 81				.5	.4	.3	.2	.1										15	15		
80/ 79		.1	.3	.4	.2	1.6	.7	.2	.3									36	36		
78/ 77		.1	.3	.9	2.6	.8	.6	.4	.1									55	55	2	
76/ 75		.1	1.1	3.2	2.2	1.5	.3	.5										82	83	14	2
74/ 73		.9	3.0	3.8	2.4	1.1	.5	.2		.1								111	111	19	11
72/ 71		1.4	4.3	2.9	2.4	1.2	.8	.5										125	128	67	15
70/ 69	.1	1.7	3.2	2.1	1.7	1.4	.3											97	97	111	58
68/ 67	.1	.9	4.6	2.7	1.7	.9	.4											104	107	117	88
66/ 65	.3	2.1	2.6	1.8	1.4	.3	.1											80	82	130	84
64/ 63	.2	2.7	1.1	1.7	1.3	.2												67	67	104	125
62/ 61	.1	2.4	1.6	1.3	.5	.2												57	58	107	95
60/ 59	.1	.9	2.2	.5	.3	.1												38	38	93	113
58/ 57	.2	.9	.4	.3														17	17	66	76
56/ 55	.3	1.1	.2	.1	.1													17	17	52	80
54/ 53		.1	.1															2	2	22	56
52/ 51		.1	.2															3	3	6	55
50/ 49			.2															2	2	5	21
48/ 47																				2	19
46/ 45																				2	12
44/ 43		.1																1	1		4
42/ 41																				1	3
40/ 39																					2
38/ 37																					1
TOTAL	1.5	15.5	25.5	22.5	17.5	10.0	4.6	2.2	.5	.1								920	930	920	920

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5157746	67862	73.8	12.862	920							
Dry Bulb	4529036	64630	69.5	6.362	930			64.3	31.1	4.6		93
Wet Bulb	3793185	58857	64.0	5.501	920			33.4	3.5			93
Dew Point	3394374	55568	60.4	6.436	920			17.6	1.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	AUG
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79				.3	.2	.3												8	8		
78/ 77			.7															6	6		
76/ 75		.2	.4	.2	.3													11	11		
74/ 73		.8	2.1	2.5	.1													50	50	14	2
72/ 71		1.9	4.1	1.1	.5													70	72	17	16
70/ 69	.3	2.4	4.6	2.0	.5													90	90	62	29
68/ 67	.7	2.5	5.6	1.2	.5	.2	.1											99	103	84	68
66/ 65	1.2	3.1	4.2	2.7	.8	.1												111	111	95	67
64/ 63	1.0	3.8	2.7	2.2	.3	.1												93	95	109	113
62/ 61	.2	4.5	2.9	1.2	.2	.1												84	84	85	72
60/ 59	.3	4.0	3.4	.8	.1													79	80	112	108
58/ 57	1.1	2.9	2.1	.8	.1													64	67	99	80
56/ 55	1.6	3.6	1.3	.2														62	62	84	110
54/ 53	.5	3.3	1.0															44	44	62	94
52/ 51	.9	1.7	.9	.2														34	34	53	54
50/ 49		.4	.1	.1														6	6	26	47
48/ 47		.4	.1															5	5	6	35
46/ 45			.1															1	1	7	11
44/ 43																				1	5
42/ 41																				1	1
40/ 39		.1																1	1		5
38/ 37																				1	
36/ 35																					1
TOTAL	7.8	35.6	36.3	15.5	3.8	.9	.1												930		918
																		918		918	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6559369	77109	84.0	9.483	918							
Dry Bulb	3809250	59204	63.7	6.587	930			34.0	7.5	.4		93
Wet Bulb	3411703	55681	60.7	6.124	918			17.9	1.4			93
Dew Point	3194548	53826	58.6	6.481	918			11.7	.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	AUG
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91									.0	.0	.0							5	5		
90/ 89							.1	.1	.0	.0								18	18		
88/ 87						.1	.2	.1	.1									37	37		
86/ 85					.1	.3	.2	.1	.1	.1								63	63		
84/ 83			.1	.0	.2	.4	.3	.3	.3									111	111		
82/ 81			.0	.2	.5	.7	.7	.5	.2	.0								204	204		
80/ 79		.0	.1	.6	.8	1.6	.7	.8	.3	.0	.0							367	368	7	
78/ 77		.0	.3	1.0	2.1	.8	.7	.4	.2	.0								414	420	38	2
76/ 75	.0	.2	1.0	1.9	1.4	.8	.6	.5	.1	.0								485	496	89	14
74/ 73		.7	1.7	2.4	1.0	1.0	.6	.4	.1	.0								594	603	239	60
72/ 71	.0	1.2	3.1	1.5	1.2	.9	.6	.3	.1									650	658	459	179
70/ 69	.2	1.6	3.5	1.7	.8	.7	.4	.1	.0									669	675	739	381
68/ 67	.5	1.5	3.4	1.3	1.0	.5	.2	.1	.0									624	641	826	618
66/ 65	.6	2.4	2.1	1.4	.7	.2	.1											547	555	830	714
64/ 63	.5	2.9	1.7	1.4	.5	.1												520	524	763	802
62/ 61	.5	2.4	1.7	.9	.3	.1	.0											429	435	687	668
60/ 59	.6	2.3	2.0	.5	.1	.1												406	411	710	771
58/ 57	.5	2.1	1.1	.2	.0													291	298	565	597
56/ 55	.6	1.7	1.0	.1	.0													250	255	433	674
54/ 53	.4	1.5	.5	.1														181	181	270	540
52/ 51	.5	1.3	.4	.1	.0													173	177	237	415
50/ 49	.3	.9	.1	.0														98	100	162	337
48/ 47	.2	.7	.1	.0														76	76	103	233
46/ 45	.3	.5	.0															60	60	84	135
44/ 43	.2	.2		.0														28	29	49	80
42/ 41	.1	.1																18	18	24	52
40/ 39	.1	.0																10	10	12	43
38/ 37	.0	.0																3	3	4	10
36/ 35	.1																	6	6	7	7
34/ 33	.0																	2	2	2	7
TOTAL	6.3	24.2	23.9	15.5	10.8	8.4	5.5	3.7	1.4	.2	.0								7439		7339
																		7339		7339	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	44627145	561465	76.5	15.098	7339							
Dry Bulb	34557566	502496	67.5	9.090	7439			430.0	232.5	62.9		744
Wet Bulb	29066055	458933	62.5	7.076	7339			243.0	37.8			744
Dew Point	26220942	435488	59.3	7.192	7339			127.1	7.7			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	SEP

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79							.1	.1										2	2		
78/ 77					.3	.1	.1											5	5		
76/ 75			.1	.1	.1	.1												4	4		
74/ 73			.8	.1	.3													11	11		
72/ 71	.1	.2	1.6	.2	.1													20	20	6	2
70/ 69		1.5	1.8	.7	.2													37	37	14	4
68/ 67	.1	.4	1.3	.4	.2	.1												24	24	30	31
66/ 65		1.2	1.1	1.1	.4													35	35	30	15
64/ 63	.3	2.2	.9	.6														36	36	32	25
62/ 61	.6	2.1	1.2	.9														43	43	47	44
60/ 59	.4	3.0	4.2	1.6	.4													86	86	42	41
58/ 57	.7	4.4	2.2	1.2	.9													84	84	65	52
56/ 55	.8	3.3	2.1	.6	.4													64	64	86	67
54/ 53	.7	4.4	2.0	1.3	.1													76	79	79	64
52/ 51	1.2	4.2	3.0	.8	.1													83	83	74	93
50/ 49	1.6	3.3	1.2	.2														56	56	96	70
48/ 47	1.6	3.9	.8															56	56	70	72
46/ 45	.1	2.9	1.2		.2													40	40	54	71
44/ 43	.3	2.5	1.0	.4														38	38	33	43
42/ 41	.9	1.7	.6															28	28	48	59
40/ 39	1.3	.8	.4															23	23	26	49
38/ 37	1.2	1.0	.2															22	22	28	36
36/ 35	.2	.3	.1															6	6	11	17
34/ 33	.3	.2																5	5	9	8
32/ 31	.3	.1																4	4	5	15
30/ 29		.1																1	1	1	6
28/ 27		.2																2	2	1	4
26/ 25																				2	1
22/ 21																					2
TOTAL	12.9	44.0	28.1	10.3	4.0	.3	.2	.1											894		891
																		891		891	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	6504139	75515	84.8	10.810	891							
Dry Bulb	2754806	48922	54.7	9.326	894		.7	10.4	2.2	.1		90
Wet Bulb	2495906	46524	52.2	8.651	891		.9	5.3				90
Dew Point	2303695	44597	50.1	8.963	891		2.8	3.7				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	SEP

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77					.3	.1	.2											6	6		
76/ 75			.2	.1	.1	.1												5	5		
74/ 73				.3	.2													5	5		
72/ 71		.7	1.2	.2														19	19	2	
70/ 69		.9	1.6	.6	.1													28	28	14	8
68/ 67		1.1	1.7		.1													26	26	26	10
66/ 65	.2	1.1	1.7	.4	.3													34	34	35	24
64/ 63	.2	2.2	.3	.8	.2													38	38	27	31
62/ 61	.1	3.5	1.5	.3														48	48	41	36
60/ 59	.6	2.7	2.6	.7														58	58	53	50
58/ 57	.8	3.5	1.3	.4	.1													55	55	56	50
56/ 55	.9	3.5	1.9	.7	.2													64	64	75	55
54/ 53	1.1	4.8	2.1	.9														80	81	60	72
52/ 51	.3	5.1	2.2	.6														73	75	64	73
50/ 49	1.1	5.1	1.9	.3														75	75	83	70
48/ 47	1.5	4.7	1.0															64	64	81	66
46/ 45	.6	3.3	1.1		.3													47	47	67	67
44/ 43	.3	2.4	1.2	.2														37	37	39	53
42/ 41	1.0	2.1	.2	.1														31	31	40	45
40/ 39	.9	1.5	.1															22	22	39	46
38/ 37	1.9	1.2	.4															32	32	32	48
36/ 35	1.0	1.0																18	18	22	28
34/ 33	.9	.4																12	12	18	23
32/ 31	.6	.8																12	12	9	14
30/ 29		.1																1	1	6	13
28/ 27		.1																1	1	1	6
26/ 25																				1	1
24/ 23																					1
22/ 21																					1
TOTAL	14.0	51.7	24.9	6.7	2.1	.2	.2												894		891
																		891		891	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6731192	76958	86.4	9.722	891							
Dry Bulb	2615564	47554	53.2	9.817	894		1.4	9.0	1.6			90
Wet Bulb	2393041	45449	51.0	9.164	891		1.7	4.2				90
Dew Point	2227768	43760	49.1	9.396	891		3.6	1.8				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	SEP

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77				.2	.3													5	5		
76/ 75			.1	.1	.3													5	5		
74/ 73			.7	.2	.1													9	9		
72/ 71		.3	2.0															21	21	4	
70/ 69	.2	.3	1.3	.8	.1													25	25	20	9
68/ 67	.2	.9	2.2	.3	.1													34	34	26	16
66/ 65	.1	1.7	2.2	.6	.2	.1												44	44	24	25
64/ 63	.1	3.7	2.0	1.7														67	67	45	30
62/ 61	.4	1.9	1.8	.8														44	44	61	48
60/ 59	1.0	2.0	2.7	1.2	.2													64	64	54	61
58/ 57	.9	2.6	2.2	.2	.2													55	55	64	56
56/ 55	1.6	3.2	1.8	.8	.1													67	67	65	63
54/ 53	1.1	5.3	1.9	.8	.3													84	84	78	64
52/ 51	.9	4.1	3.0	.6	.1													78	79	73	74
50/ 49	1.1	4.2	2.0	.4														70	72	69	78
48/ 47	1.1	4.0	1.2	.1	.2													60	60	89	67
46/ 45	.7	2.8	.9	.1	.1													41	41	56	64
44/ 43	.4	1.3	1.1	.3	.1													30	30	43	56
42/ 41	.6	1.2	.6	.2														23	23	28	38
40/ 39	.6	1.1	.6															20	20	27	40
38/ 37	1.1	.7	.3	.2														21	21	27	28
36/ 35	.3	.6																8	8	14	27
34/ 33	.4	.4	.1															9	9	15	13
32/ 31	.6	.2																7	7	8	21
30/ 29	.1																	1	1	2	9
28/ 27	.1	.1																2	2	1	3
26/ 25		.1																1	1	2	3
22/ 21																					1
20/ 19																					1
TOTAL	13.7	42.9	30.8	9.7	2.7	.1													898		895
																		895		895	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6564529	76115	85.0	10.109	895							
Dry Bulb	2765311	49101	54.7	9.477	898		1.1	9.9	1.9			90
Wet Bulb	2514415	46757	52.2	8.956	895		1.3	5.0				90
Dew Point	2330657	44895	50.2	9.379	895		3.8	2.5				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	SEP

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

Temp. (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												1	1		
82/ 81				.1	.6	.1	.1											8	[illegible]		
80/ 79				.2	.6	.3	.2											12	12		
78/ 77			.2	.3	.7	.7		.1										18	18		
76/ 75		.1	.4	.8	.9	.4	.1	.2										27	27	1	
74/ 73			.7	1.2	1.2	.9	.1											37	37	17	2
72/ 71	.1	.4	1.7	1.3	1.4	.1	.1											47	47	18	8
70/ 69		.9	1.1	1.7	1.4	1.3												58	58	28	23
68/ 67	.2	1.7	2.0	1.4	2.2	.6												73	73	50	24
66/ 65	.4	.9	1.8	3.1	1.6	.9	.6											83	83	62	40
64/ 63	.3	1.7	2.0	3.0	1.4	.7	.7											87	87	61	52
62/ 61	.2	.7	2.3	3.3	1.9	.8	.1											84	84	73	46
60/ 59	.2	1.7	3.2	2.2	1.6	.7	.1											87	87	91	72
58/ 57	.3	1.9	1.6	1.2	1.4	.4												62	62	98	62
56/ 55	.4	1.3	2.1	2.3	1.0	.2												67	67	99	85
54/ 53	.1	1.7	1.9	.7	.7													45	46	76	79
52/ 51	.1	2.0	2.0	1.1	.3													50	50	65	88
50/ 49		.7	.7	.2	.7	.1												21	21	72	72
48/ 47		.4	.4	.1	.3													12	12	38	49
46/ 45		.2	.1	.8	.2	.1												13	13	24	57
44/ 43				.2														2	2	10	44
42/ 41			.1	.2														3	3	12	32
40/ 39			.1															1	1	7	22
38/ 37																				5	7
36/ 35																				2	9
34/ 33																					7
32/ 31																					13
30/ 29																					4
28/ 27																					1
20/ 19																					1
TOTAL	2.4	16.2	24.5	25.7	20.1	8.5	2.1	.4											900		899
																		899		899	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4921714	65492	72.8	12.952	899							
Dry Bulb	3583180	56328	62.6	8.018	900			28.2	10.4	1.4		90
Wet Bulb	3020417	51669	57.5	7.521	899			11.4	1.8			90
Dew Point	2634476	48018	53.4	8.810	899		1.9	5.7	.2			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	SEP

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87							.1	.1	.3									5	5		
86/ 85					.1	.2	.1											4	4		
84/ 83					.7	.4		.1										7	7		
82/ 81					.8	.6	.2	.2										16	16		
80/ 79				.2	.8	1.3	.4	.8										32	32		
78/ 77				1.0	.1	.9	1.1	.1										29	29	1	
76/ 75			.3	.9	.8	.6	.8	.3										33	33	7	
74/ 73			.7	1.7	1.1	1.3	1.1	.1										54	54	20	1
72/ 71		.7	1.2	1.6	1.6	1.3	1.2											68	68	26	11
70/ 69		.4	1.6	1.6	2.2	2.3	1.2	.1										85	85	41	29
68/ 67	.2	1.3	1.7	1.9	3.0	2.4	1.0	.3										101	101	63	30
66/ 65	.1	.8	1.2	2.3	1.8	2.3	1.8	.4										97	97	69	48
64/ 63	.1	.6	.9	1.6	2.3	1.4	.7	.1										69	69	66	44
62/ 61	.3	1.8	1.8	2.6	1.7	1.3	.9											93	93	92	55
60/ 59		1.0	.3	1.3	1.4	2.0	.7											65	65	99	63
58/ 57		.9	.3	.6	1.8	.8												39	39	101	71
56/ 55		1.1	.2	.6	.4	.4												25	25	65	82
54/ 53		1.1	.8	.2	.7	.3	.1											29	29	75	77
52/ 51		1.0	.7	.3	.8	.2												27	27	64	78
50/ 49		.3	.2	.2	.2													9	9	47	63
48/ 47		.4		.1	.1	.1												7	7	24	51
46/ 45				.4		.2												6	6	18	48
44/ 43																				9	37
42/ 41																				7	38
40/ 39																				3	27
38/ 37																				1	19
36/ 35																				2	9
34/ 33																					9
32/ 31																					3
30/ 29																					4
22/ 21																					2
20/ 19																					1
TOTAL	.3	11.4	11.7	19.0	21.9	20.7	11.4	2.8	.3									900	900	900	900

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4068451	59105	65.7	14.418	900							
Dry Bulb	3986765	59473	66.1	7.943	900			43.4	18.0	4.4		90
Wet Bulb	3193960	53204	59.1	7.366	900			15.8	2.8			90
Dew Point	2671167	48341	53.7	9.113	900		1.0	7.1	.1			90

(Mean No. of Hours with Temperature: ≤ 0 F through Total)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	SEP

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87						.2			.1									3	3		
86/ 85								.1										1	1		
84/ 83					.2	.3	.2	.1										8	8		
82/ 81				.1	1.0	.4	.3		.1									18	18		
80/ 79				.3	.2	.9	.6	.7										24	24		
78/ 77			.1	.7	.4	1.2	.7	.2										30	30	3	
76/ 75			.2	1.1	.8	1.6	.3	.1										37	37	3	
74/ 73		.2	.7	1.9	1.8	1.7	.7	.2										64	64	20	3
72/ 71		.3	1.0	.7	1.4	2.1	.9	.2										60	60	23	11
70/ 69		.9	1.8	1.0	1.4	2.1	1.6	.2	.1									81	81	37	25
68/ 67		.7	1.6	1.8	1.9	1.7	1.3	.2										82	82	59	24
66/ 65	.1	1.1	1.3	2.6	4.3	1.0	.9	.3	.2									107	107	69	45
64/ 63	.3	.3	.4	2.2	2.1	1.4	.8	.1										70	70	73	43
62/ 61	.2	1.7	1.4	1.7	2.4	2.4	.6	.1										95	95	80	57
60/ 59	.6	1.0	1.4	.8	.9	1.4	.2											57	57	97	72
58/ 57		1.1	1.4	1.1	1.3	.6	.2											52	52	104	63
56/ 55	.1	1.6	1.3	.7	.2	.4	.1											40	40	79	68
54/ 53		.4	.2	.2	.4	.4	.1											17	17	85	72
52/ 51	.1	1.0	.9	.4	.2	.2												26	26	61	91
50/ 49		.8	.4	.2		.1												14	14	42	58
48/ 47		.1	.6	.3														9	9	27	59
46/ 45			.2			.3												5	5	14	46
44/ 43																				15	40
42/ 41																				6	37
40/ 39																					26
38/ 37																					10
36/ 35																				3	13
34/ 33																					5
32/ 31																					5
30/ 29																					4
22/ 21																					1
20/ 19																					2
TOTAL	1.4	11.1	15.1	17.8	21.2	20.7	9.4	2.7	.6									900	900	900	900

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4174679	59849	66.5	14.720	900							
Dry Bulb	3942074	59134	65.7	7.942	900			40.8	18.5	4.2		90
Wet Bulb	3174322	53350	58.9	7.255	900			14.5	2.6			90
Dew Point	2664638	48304	53.7	8.954	900		1.2	6.3	.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	SEP
STATION	STATION NAME	YEARS	MONTH

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

Temp. (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
84/ 83				.1														1	1		
82/ 81					.1	.1												2	2		
80/ 79				.3	.1	.2												6	6		
78/ 77			.1	.7	.2	.1	.2											12	12	1	
76/ 75			.1	.2	.4	.3												10	10		
74/ 73			.4	.8	.3	.1												15	15	7	1
72/ 71		.4	1.6	.6	.8	.2	.1											33	33	11	6
70/ 69		.7	1.7	1.3	1.1	.4												47	47	15	14
68/ 67		1.1	3.3	1.4	1.2	.1												65	65	35	16
66/ 65	.7	2.6	1.7	1.8	1.7	.2	.1											78	79	60	36
64/ 63	.2	1.6	2.2	2.0	.8	.3												64	64	60	51
62/ 61	.2	2.1	2.7	1.7	1.1	.3	.2											75	75	68	43
60/ 59	.1	2.1	3.3	1.9	.6	.3												79	79	66	59
58/ 57		3.9	3.2	2.1	.6	.1												88	88	91	63
56/ 55	.3	4.4	2.3	1.0	.8	.2												82	82	94	83
54/ 53	.2	2.9	3.0	.9	.2	.1												66	66	88	86
52/ 51	.2	2.6	1.3	.8														44	44	77	92
50/ 49	.2	2.1	2.3	.4	.2													48	48	69	82
48/ 47		2.4	1.3	.3														37	37	57	64
46/ 45	.1	1.6	.3	.2	.3													23	23	44	49
44/ 43		.4	.2	.2														8	8	20	55
42/ 41		.2	.2	.2														6	6	13	36
40/ 39		.2	.2															4	4	6	22
38/ 37	.1	.3	.3															7	7	12	10
36/ 35																				4	11
34/ 33																				2	9
32/ 31																					2
30/ 29																					6
28/ 27																					4
TOTAL	2.4	31.6	32.4	19.0	10.6	3.3	.7												900		900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5678866	70714	78.6	11.687	900							
Dry Bulb	3256327	53623	59.6	8.265	900			19.1	4.6	.4		90
Wet Bulb	2851590	50190	55.8	7.654	900			6.9	.8			90
Dew Point	2560538	47404	52.7	8.419	900		1.2	3.7	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	SEP

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

Temp. (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								.3										3	3		
80/ 79				.1														1	1		
78/ 77				.6														5	5		
76/ 75			.3	.3	.3	.2												11	11		
74/ 73		.1				.3												4	4	4	
72/ 71		.4	.8	.3	.8													21	21	8	1
70/ 69	.1	.7	.8	.7	.2	.2												24	24	11	11
68/ 67		1.0	1.9	.4	.1	.1												31	31	19	11
66/ 65	.3	1.6	1.2	.7	.1	.2												37	37	33	26
64/ 63	.6	2.0	1.8	1.4	.4	.1												57	57	41	28
62/ 61	.9	2.1	3.6	1.3	.8													78	78	49	38
60/ 59	.6	3.6	2.8	1.6	.1													77	77	63	50
58/ 57	.2	3.9	2.7	1.1	.3													74	74	81	61
56/ 55	1.1	4.6	2.3	.9	.6	.3												88	90	83	87
54/ 53	.9	4.9	2.9	.8	.1													96	87	96	71
52/ 51	1.4	4.7	1.0	.3	.1													68	68	88	101
50/ 49	.9	3.7	.7	.6														52	52	86	89
48/ 47	.1	3.9	1.2	.2														49	49	42	71
46/ 45	.2	3.1	1.1															40	40	63	42
44/ 43	.3	2.1	.2	.1														25	25	41	59
42/ 41	.9	1.6	.1	.4														27	27	36	45
40/ 39	.6	.2	.1	.2														12	12	15	47
38/ 37	.4	.7	.2															10	10	11	13
36/ 35		.9																7	7	8	11
34/ 33	.3	.1	.1															5	5	12	16
32/ 31		.3																3	3	2	8
30/ 29		.2																2	2	3	2
28/ 27																				2	1
26/ 25																					6
24/ 23																					2
TOTAL	9.9	46.3	25.8	12.2	4.0	1.6		.3											900		897
																		897		897	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6428036	75288	83.9	11.024	897							
Dry Bulb	2879045	50271	55.9	8.892	900		.5	10.0	2.4	.3		90
Wet Bulb	2592678	47664	53.1	8.180	897		.7	4.2	.4			90
Dew Point	2388659	45653	50.9	8.526	897		1.9	2.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	SEP
STATION	STATION NAME	YEARS	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	Wet Bulb	Dew Point
88/ 87						.0	.0	.0	.1									8	8		
86/ 85					.0	.0	.0	.0										6	6		
84/ 83				.0	.1	.1	.0	.0										17	17		
82/ 81				.0	.3	.2	.1	.1	.0									47	47		
80/ 79				.2	.2	.3	.2	.2										77	77		
78/ 77			.1	.4	.3	.4	.3	.1										110	110	5	
76/ 75		.0	.2	.5	.5	.4	.2	.1										132	132	11	
74/ 73		.0	.5	.8	.6	.5	.2	.0										199	199	68	7
72/ 71	.0	.4	1.4	.6	.8	.5	.3	.0										289	289	100	39
70/ 69	.0	.8	1.4	1.0	.9	.8	.3	.0	.0									385	385	180	123
68/ 67	.1	1.0	1.7	1.0	1.1	.6	.3	.1										436	436	308	162
66/ 65	.3	1.4	1.5	1.6	1.3	.6	.4	.1	.0									515	515	382	259
64/ 63	.3	1.8	1.4	1.7	.9	.5	.3	.0										488	488	405	304
62/ 61	.4	2.0	2.0	1.6	1.0	.6	.2	.0										560	560	511	367
60/ 59	.4	2.1	2.7	1.4	.7	.6	.1											573	573	565	468
58/ 57	.4	2.7	1.9	1.0	.8	.2	.0											509	509	650	478
56/ 55	.7	2.9	1.8	.9	.5	.2	.0											497	499	646	610
54/ 53	.5	3.2	1.9	.7	.3	.1	.0											483	489	637	585
52/ 51	.5	3.1	1.8	.6	.2	.1												449	452	566	690
50/ 49	.6	2.5	1.2	.3	.1	.0												345	347	564	582
48/ 47	.5	2.5	.9	.2	.1	.0												294	294	428	499
46/ 45	.2	1.7	.6	.2	.2	.1												215	215	340	444
44/ 43	.2	1.1	.5	.2	.0													140	140	210	387
42/ 41	.4	.9	.2	.2														118	118	190	330
40/ 39	.4	.5	.2	.0														82	82	123	279
38/ 37	.6	.5	.2	.0														92	92	116	171
36/ 35	.2	.3	.0															39	39	66	125
34/ 33	.3	.2	.0															31	31	56	90
32/ 31	.2	.2																26	26	24	81
30/ 29	.0	.1																5	5	12	48
28/ 27	.0	.1																5	5	5	19
26/ 25		.0																1	1	5	11
24/ 23																					3
22/ 21																					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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	SEP

PAGE 2 — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					5
TOTAL	7.2	31.9	24.1	15.1	10.9	6.9	3.0	.8	.1										7186		7173
																		7173		7173	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	45071606	559036	77.9	14.474	7173							
Dry Bulb	25783072	424406	59.1	9.994	7186		3.7	170.9	59.7	10.8		720
Wet Bulb	22236329	394507	55.0	8.668	7173		4.6	67.5	8.4			720
Dew Point	19781568	370972	51.7	9.114	7173		17.5	33.2	.7			720

(Columns ≤ 0 F through Total: Mean No. of Hours with Temperature)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
72/ 71			.1	.1	.2													4	4		
70/ 69			.1	.3														4	4		
68/ 67			.1															1	1	2	
66/ 65		.5	.1	.1	.4													11	11	2	
64/ 63		.5	.3	.3	.2	.1		.3										21	21	10	5
62/ 61		1.7	.3	.3	.4		.2											21	21	10	9
60/ 59		.3	.9	.5	.4	.2												22	22	14	12
58/ 57	.2	.6	.3	.3	.4	.5	.3											26	26	19	15
56/ 55	.6	2.2	1.3	.4	.5	.2												49	49	24	11
54/ 53	.9	1.4	1.7	.9	.3													48	48	48	31
52/ 51	.8	1.7	2.0	.8	.2		.2											53	53	40	43
50/ 49	1.4	3.3	1.2	.2	.2		.1											60	60	63	45
48/ 47	.5	4.3	1.9	.8	.6													76	76	73	46
46/ 45	.5	3.4	1.7	1.2														64	64	72	55
44/ 43	.3	2.6	2.4	.9														57	57	58	54
42/ 41	1.2	2.3	1.1	.4														46	46	58	69
40/ 39	1.3	2.7	1.6	.1														53	53	71	66
38/ 37	2.2	2.8	.6	.2														54	54	66	63
36/ 35	1.2	1.9	1.2	.2	.2													44	44	53	53
34/ 33	1.0	2.2	.6	.2														37	37	32	56
32/ 31	3.0	4.1	.5	.1														72	72	63	80
30/ 29	2.5	1.1	.3															36	36	63	62
28/ 27	.5	3.0	.3															36	36	37	28
26/ 25	.2	.9	.3															13	13	18	40
24/ 23	.1	.9	.1															10	10	16	23
22/ 21	.2	.2	.1															5	5	8	25
20/ 19	.3	.4																7	7	6	13
18/ 17																				4	8
16/ 15																					7
14/ 13																					3
12/ 11																					5
10/ 9																					3
TOTAL	18.9	44.3	21.8	8.4	4.3	1.1	.9	.3										930	930	930	930

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6456481	76411	82.2	13.857	930							
Dry Bulb	1888886	40704	43.8	10.750	930		17.9	.9				93
Wet Bulb	1681452	38462	41.4	9.885	930		21.5	.2				93
Dew Point	1467204	35610	38.3	10.541	930		29.7					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73					.1													1	1		
72/ 71				.1	.4													5	5		
70/ 69			.2	.1														3	3		
68/ 67			.1															1	1		
66/ 65			.2	.3														5	5	6	
64/ 63		.8	.6	.3														16	16	7	3
62/ 61		1.0	.3	.2	.3													17	17	11	7
60/ 59		.8	.6	.8	.3													23	23	15	16
58/ 57	.2	.8	.9	.8	.9	.5	.1											38	38	15	16
56/ 55	.9	1.7	1.1	.2	.4	.4												44	44	29	19
54/ 53	.4	1.4	1.5	.8	.3	.2												43	43	38	23
52/ 51	1.3	1.6	1.4	.5		.1												46	46	42	39
50/ 49	.4	2.6	1.8	.6	.1	.1												53	53	51	35
48/ 47	.5	3.3	1.6	.6	.5													62	62	66	46
46/ 45	.2	4.8	1.3	.5														64	64	71	47
44/ 43	.6	2.8	2.3	.3	.1													57	57	55	65
42/ 41	1.8	2.2	1.9															55	55	64	56
40/ 39	1.9	2.9	1.8	.3														65	65	72	78
38/ 37	1.6	1.4	1.0	.1														38	38	61	55
36/ 35	.6	2.2	.6	.4														36	36	36	49
34/ 33	1.3	3.0	.4															44	44	45	58
32/ 31	1.1	5.5		.1														62	62	43	65
30/ 29	3.2	1.6	.3															48	48	84	57
28/ 27	1.9	1.2																29	29	31	53
26/ 25	1.3	2.2																32	32	30	36
24/ 23	.4	.8																11	11	22	24
22/ 21	.8	.9																15	15	14	32
20/ 19	.4	.6																10	10	12	17
18/ 17	.3	.1																4	4	6	10
16/ 15		.3																3	3	3	7
14/ 13																				1	9
12/ 11																					2
10/ 9																					6

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	OCT
STATION	STATION NAME	YEARS	MONTH

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

Temp. (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	21.4	46.2	20.1	7.2	3.5	1.4	.1											930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	6647623	77733	83.6	12.724	930							
Dry Bulb	1805344	39596	42.6	11.341	930		21.4	1.0	.1			93
Wet Bulb	1621878	37604	40.4	10.447	930		24.6					93
Dew Point	1427886	35008	37.6	10.885	930		31.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

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	Wet Bulb	Dew Point
74/ 73				.1		.1												2	2		
72/ 71			.1	.1	.3													5	5		
70/ 69			.1	.2														3	3		
68/ 67		.1	.1	.1														3	3	2	
66/ 65		.2	.4	.3														9	9	6	1
64/ 63	.1	.3	.1	.4														9	9	8	6
62/ 61	.1	1.0	.9	.2	.2													21	21	8	4
60/ 59	.1	.9	.7	.5	.5	.2												29	29	17	18
58/ 57	.1	1.2	.6	.8	.6	.1	.1											33	33	24	12
56/ 55	.2	1.7	1.0	.3	.4	.1												37	37	25	25
54/ 53	.4	1.5	.8	.9	.1													34	34	32	22
52/ 51	.8	1.9	1.8	.9	.6	.1												57	57	42	33
50/ 49	.4	2.4	1.9	.3	.3													50	50	48	35
48/ 47	.1	4.1	1.7	1.0	.2													66	66	61	37
46/ 45	.3	4.6	2.3	.2	.1													70	70	71	56
44/ 43	.5	3.3	1.0	.4														49	49	77	69
42/ 41	.9	3.8	1.1	.2														55	55	61	66
40/ 39	1.9	3.0	2.2		.1													67	68	67	74
38/ 37	1.7	2.8	1.2	.3														56	56	55	62
36/ 35	1.6	2.0	.6	.3														43	43	60	61
34/ 33	1.0	2.9	.8	.3														46	46	40	47
32/ 31	1.8	4.1	.1	.2														58	58	57	78
30/ 29	2.8	1.5																40	40	67	48
28/ 27	1.5	.6	.2															22	22	28	48
26/ 25	1.3	1.5	.2															28	28	22	42
24/ 23	.4	.9																12	12	23	16
22/ 21	.4	.2																6	6	9	17
20/ 19	.5	.1																6	6	6	20
18/ 17	.3	.4																7	7	5	12
16/ 15	.1	.2																3	3	4	5
14/ 13		.3																3	3	4	4
12/ 11																					7
10/ 9																					3
8/ 7																					1

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	OCT
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	19.6	47.7	19.9	8.2	3.7	.9	.1											929	930	929	929

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6647021	77739	83.7	12.361	929							
Dry Bulb	1830434	39936	42.9	11.150	930		18.5	1.3	.2			93
Wet Bulb	1644253	37899	40.8	10.284	929		22.5	.2				93
Dew Point	1452028	35358	38.1	10.702	929		30.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 1 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	Wet Bulb	Dew Point
82/ 81						.1												1	1		
80/ 79						.2	.1											3	3		
78/ 77					.2	.1												3	3		
76/ 75						.3	.1											4	4		
74/ 73				.1		.2	.1											4	4		
72/ 71					.3	.1	.3											7	7	1	
70/ 69			.2	.4	1.0		.3											18	18	4	
68/ 67		.1	.6	.4	.4	.1	.2	.1										19	19	3	
66/ 65		.2	.5	.4	.4	.3	.2	.1										21	21	9	6
64/ 63		.2	.2	1.3	.9	.9		.1										33	33	21	6
62/ 61		.5	.8	.4	1.4	.6	.1	.2										38	38	19	13
60/ 59		.3	1.0	.9	.5	.5	.2											32	32	24	11
58/ 57	.4	1.3	1.3	1.1	.6	.2	.4	.1										51	51	36	28
56/ 55	.1	2.0	1.2	.5	1.0	.2	.4											51	51	44	27
54/ 53	.4	1.2	1.8	.9	1.3	.5	.1											58	58	63	41
52/ 51	.3	2.5	2.4	1.5	1.2	.3	.1											77	77	48	45
50/ 49	.1	2.5	2.0	2.6	.5	.1												73	73	65	38
48/ 47	.2	3.0	2.6	1.8	1.5	.1												86	86	68	71
46/ 45	.3	3.1	1.4	2.6	.3													72	72	98	67
44/ 43	.3	3.6	1.3	2.6	.6	.1												79	79	86	51
42/ 41	.3	2.0	1.3	2.4	.1													57	57	74	68
40/ 39	1.1	1.4	2.5	1.0														55	55	75	89
38/ 37	.8	1.1	1.4	.1		.1												32	32	69	63
36/ 35	.3	.5	1.3	.4	.1													24	25	54	54
34/ 33	.2	.4	.6	.2	.3													17	17	28	48
32/ 31		.3		.3														6	6	13	74
30/ 29		.2	.3	.3														8	8	12	43
28/ 27																				5	33
26/ 25																				9	24
24/ 23																				1	4
22/ 21																					6
20/ 19																					6
18/ 17																					1
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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					4
12/ 11																					2
10/ 9																					3
8/ 7																					1
TOTAL	5.3	26.8	24.7	22.3	12.8	5.3	2.8	.6										929	930	929	929

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5097023	67239	72.4	15.757	929							
Dry Bulb	2436905	46753	50.3	9.651	930		1.4	5.9	1.5	.2		93
Wet Bulb	2032073	42695	46.0	8.679	929		4.0	.8				93
Dew Point	1666484	38214	41.1	10.095	929		20.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

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

Temp. (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
84/ 83							.1											1	1		
82/ 81						.1	.4											5	5		
80/ 79								.4										4	4		
78/ 77						.1	.3	.1	.1									6	6		
76/ 75						.3	.4	.3	.1									11	11		
74/ 73					.3	.4	.9	.3										17	17		
72/ 71			.1	.2	.1	.5	.4	.1										14	14	2	
70/ 69		.1	.2	.4	.3	.5	.7	.2	.3									26	29	4	
68/ 67			.5	.3	1.0	.4	.5		.2	.1								29	29	7	
66/ 65		.1	.1	.4	1.1	.3	1.0	.2	.1									31	31	15	4
64/ 63		.7	.1	.8	1.2	.9	.4			.1								38	38	25	12
62/ 61		.7	.7	.8	1.6	.4		.3	.1									42	42	30	11
60/ 59	.1	.7	1.1	1.5	.9	.7	.5	.4										52	52	35	19
58/ 57		1.3	.4	1.6	1.6	1.3	.2	.2	.1									63	63	45	25
56/ 55	.2	.5	.9	1.3	1.5	1.6	.3	.1										60	61	50	33
54/ 53	.1	1.3	1.3	1.7	1.7	.1	.4											62	62	59	45
52/ 51	.2	1.8	2.4	2.0	2.0	.8												84	84	[illegible]	36
50/ 49	.4	1.6	1.7	2.7	2.7	.5												90	90	79	55
48/ 47	.4	2.2	.9	1.5	3.4	.5												82	82	93	63
46/ 45	.3	1.4	1.2	1.3	1.3	.1												52	53	98	66
44/ 43	.1	1.2	.8	1.7	.7													41	42	66	62
42/ 41	.7	1.0	1.0	2.4	.2													48	48	70	67
40/ 39	.8	1.6	.4	.3	.1													30	30	77	78
38/ 37	.1	.3	.5	.5	.2	.4												20	22	57	47
36/ 35		.2	.2	.1	.7													11	11	22	63
34/ 33			.1															1	1	12	42
32/ 31			.1	.2														3	3	6	60
30/ 29																				5	54
28/ 27																				9	30
26/ 25																				2	18
24/ 23																					10
22/ 21																					6
20/ 19																					1
18/ 17																					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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]LOBAL CLIMATOLOGY BRANCH
[illegible]SAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]227	[illegible]ATERTOWN NY	74-83	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE [illegible] 1200-1400
HOURS (L. S. T.)

Temp. (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[illegible]/ 1[illegible]																					3
1[illegible]/ 13																					3
1[illegible]/ 11																					2
1[illegible]/ [illegible]																					2
[illegible]/ 7																					1
[illegible]/ 5																					2
[illegible]TAL	3.5	16.7	14.6	21.9	22.4	10.2	6.6	2.8	1.1	.2									930		923
																		923		923	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4202574	60204	65.2	17.292	923							
Dry Bulb	2795800	50158	53.9	9.876	930		.3	11.6	4.4	.9		93
Wet Bulb	2193530	44310	48.0	8.484	923		2.2	1.3				93
Dew Point	1698673	38423	41.6	10.372	923		19.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

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

Temp. (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
84/ 83							.1	.1										2	2		
82/ 81							.1											1	1		
80/ 79						.1		.2										3	3		
78/ 77					.1		.1	.1										3	3		
76/ 75						.1	.3	.3	.2	.1								10	10		
74/ 73			.1		.4	.4	.3	.1										13	13		
72/ 71				.5	.2	.6	.8	.2	.1									23	23	2	
70/ 69			.2	.3	.3	.4	.4	.2	.2	.2								22	22	4	
68/ 67				.2	.3	.1	.8		.1	.1								15	16	2	1
66/ 65		.9	.2	.9	.6	.6	.2											32	32	16	2
64/ 63		.5	.3	.9	.4	.9	.2	.2	.1									34	34	22	14
62/ 61			.1	1.7	1.0	1.1	.1	.3										40	40	31	13
60/ 59		.8	1.3	1.5	1.1	1.4	.4	.3	.1									64	64	25	10
58/ 57		1.1	1.3	.9	1.6	.9	.5	.2	.1									60	60	41	20
56/ 55		.8	.5	1.6	.9	1.4	.2											50	50	55	31
54/ 53		1.6	1.4	2.5	.9	1.1	.4											72	72	50	34
52/ 51	1.0	1.2	3.1	3.1	1.4	.5												96	96	67	63
50/ 49	.6	1.4	1.8	3.3	2.6	1.2	.1											103	103	90	53
48/ 47	.2	1.3	1.7	.9	1.9	.5	.1											55	55	81	51
46/ 45	.3	1.6	1.3	1.0	1.5	.1												54	56	89	62
44/ 43	.5	1.4	1.3	2.6	1.6	.1												67	67	81	77
42/ 41	.1	1.7	1.3	1.8														45	46	68	68
40/ 39	.8	.4	.8	.4	.1	.1												27	27	75	55
38/ 37	.1	.3	.5	.6		.1												17	17	57	67
36/ 35		.1		.2	.5													8	8	35	50
34/ 33		.1	.3	.2	.1													7	7	13	41
32/ 31				.3														3	3	6	61
30/ 29																				5	53
28/ 27																				8	35
26/ 25																				3	30
24/ 23																					7
22/ 21																					11
20/ 19																					3
18/ 17																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

PAGE 2 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
14/ 13																					2
1[illegible]/ 11																					6
1[illegible]/ [illegible]																					1
[illegible]/ 7																					3
TOTAL	3.7	14.9	17.4	25.6	17.6	11.8	5.3	2.4	1.0	.4								926	930	926	926

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4221521	60463	65.3	17.198	926							
Dry Bulb	2734787	49649	53.4	9.522	930		.3	9.3	3.2	.5		93
Wet Bulb	2159030	44036	47.6	8.376	926		2.2	.8				93
Dew Point	1670064	38118	41.2	10.448	926		21.5	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

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

Temp. (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
76/ 75					.3													3	3		
74/ 73				.1		.1												2	2		
72/ 71				.3	.3	.1		.2										9	9		
70/ 69				.2	.3	.2		.1										8	8		
68/ 67			.1	.2	.1	.1												5	5	4	
66/ 65		.3	.1	.3	.1	.2												10	10	6	
64/ 63		.4	.8	.5	.3	.2	.1											22	22	8	6
62/ 61		.2	.2	.8	.4	.2	.5	.1										23	23	10	7
60/ 59		1.1	1.2	.6	.8	.1	.2	.1										38	38	21	11
58/ 57	.1	.9	1.6	1.0	.6	.3	.2	.1										45	45	20	17
56/ 55	.2	1.2	1.8	.9	.3													41	41	40	18
54/ 53	.4	1.1	1.9	.4	.4													40	40	45	30
52/ 51	.4	2.6	3.3	.9		.1												68	68	54	43
50/ 49	.8	2.4	2.0	1.4	.2	.2												65	65	69	60
48/ 47	.2	3.3	1.5	2.2	1.1													77	77	81	57
46/ 45	.8	3.2	2.5	1.1	.5													75	75	61	69
44/ 43	.1	4.5	2.2	1.6	.4													82	82	61	60
42/ 41	.8	2.8	2.3	2.0	.3													76	76	100	58
40/ 39	.3	3.0	2.7	1.4														69	69	65	62
38/ 37	.8	2.6	1.6	.5														51	51	78	67
36/ 35	.2	1.8	1.8	.1														37	37	73	73
34/ 33	.8	2.0	1.4															39	39	48	51
32/ 31	.2	2.3	.3	.3	.1													30	30	38	77
30/ 29		.3		.3														6	6	27	43
28/ 27			.1															1	1	5	42
26/ 25		.2	.1															3	3	6	36
24/ 23	.1	.2																3	3	5	19
22/ 21		.1																1	1	3	6
20/ 19		.1																1	1	2	2
18/ 17																					4
14/ 13																					4
12/ 11																					3
10/ 9																					4
8/ 7																					1

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

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

PAGE 2 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
TOTAL	6.1	36.7	29.6	17.2	6.8	1.9	1.1	.6										930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5673722	71406	76.8	14.343	930							
Dry Bulb	2145279	43781	47.1	9.522	930		4.5	2.7	.5			93
Wet Bulb	1846450	40636	43.7	8.735	930		8.6	.4				93
Dew Point	1558507	36941	39.7	9.906	930		24.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

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

Temp. (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
76/ 75							.1											1	1		
74/ 73					.1	.3	.1											5	5		
72/ 71				.4	.1		.1											6	6		
70/ 69					.1		.1											2	2		
68/ 67				.1	.5	.1												7	7	2	
66/ 65			.2	.1	.3			.1										7	7	5	
64/ 63		.4	.5	.1	.3	.2	.4											21	21	6	3
62/ 61		1.0	.2	.3	.4	.1	.1											20	21	10	4
60/ 59		.8	.6	.1	.5	.2	.2											23	23	23	13
58/ 57	.3	.9	.9	.3	.1	.5	.2											30	30	15	21
56/ 55		1.4	1.3	.5	.5	.1												36	36	23	10
54/ 53	.5	1.6	1.7	1.3	.3	.1												52	52	38	29
52/ 51	.9	2.6	2.7	.6	.1													64	64	44	38
50/ 49	.4	3.1	1.9	.6	.2		.2											62	62	66	33
48/ 47	.1	3.9	1.4	1.0	.5	.2												66	66	86	60
46/ 45	.4	3.0	1.6	1.2	.5													63	63	68	72
44/ 43	.5	3.7	1.6	.5	.1	.1												61	61	51	60
42/ 41	1.2	2.9	2.2	1.0	.2													61	61	67	57
40/ 39	2.3	3.8	2.0	.3	.1													79	79	81	75
38/ 37	.4	2.9	2.0	.2														52	52	67	47
36/ 35	1.3	2.7	1.6	.4														56	56	59	69
34/ 33	1.4	1.8	1.4	.1														44	44	69	58
32/ 31	2.2	2.6	.4	.5														53	53	50	92
30/ 29	.8	1.6	.4	.2														28	28	42	46
28/ 27	.1	1.4																14	14	24	30
26/ 25		.6	.1															7	7	18	42
24/ 23		.1																1	1	6	18
22/ 21	.4	.2																6	6	5	23
20/ 19		.2																2	2	2	11
18/ 17																				2	5
16/ 15																					3
14/ 13																					2
12/ 11																					4
10/ 9																					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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

PAGE 2 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
TOTAL	13.2	42.3	25.2	10.2	5.3	2.0	1.6	.1										929	930	929	929

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6135561	74285	80.0	14.517	929							
Dry Bulb	1970850	41746	44.9	10.216	930		11.1	2.1	.6			93
Wet Bulb	1722721	39071	42.1	9.256	929		14.9	.2				93
Dew Point	1479348	35866	38.6	10.100	929		28.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (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
84/ 83							.0	.0										3	3		
82/ 81						.0	.1											7	7		
80/ 79						.0	.0	.1										10	10		
78/ 77					.0	.0	.1	.0	.0									12	12		
76/ 75					.0	.1	.1	.1	.0	.0								29	29		
74/ 73			.0	.0	.1	.2	.2	.1										44	44		
72/ 71			.0	.2	.3	.2	.2	.1	.0									73	73	5	
70/ 69		.0	.1	.3	.3	.1	.2	.1	.1	.0								86	89	12	
68/ 67		.1	.2	.2	.3	.1	.2	.0	.0	.0								80	81	22	1
66/ 65		.3	.2	.4	.4	.2	.2	.1	.0									126	126	65	13
64/ 63	.0	.5	.5	.6	.4	.4	.1	.1	.0	.0								194	194	107	55
62/ 61	.0	.7	.4	.6	.7	.3	.1	.1	.0									222	223	129	68
60/ 59	.0	.7	.9	.8	.6	.4	.2	.1	.0									283	283	174	110
58/ 57	.2	1.0	.9	.8	.8	.5	.3	.1	.0									346	346	215	154
56/ 55	.3	1.4	1.1	.7	.7	.5	.1	.0										368	368	290	174
54/ 53	.4	1.4	1.5	1.2	.7	.3	.1											409	409	373	255
52/ 51	.7	2.0	2.4	1.3	.7	.2	.0											545	545	392	340
50/ 49	.6	2.4	1.8	1.5	.9	.3	.1											556	556	531	354
48/ 47	.3	3.2	1.6	1.2	1.2	.2	.0											570	570	609	431
46/ 45	.4	3.2	1.7	1.1	.5	.1												514	517	628	494
44/ 43	.4	2.9	1.5	1.3	.4	.0												493	494	535	498
42/ 41	.9	2.1	1.6	1.3	.1													443	444	562	509
40/ 39	1.3	2.4	1.3	.5	.1	.1												445	446	583	577
38/ 37	1.0	1.8	1.1	.3	.0	.1												320	322	510	471
36/ 35	.7	1.4	.9	.3	.2													259	260	392	472
34/ 33	.7	1.6	.7	.1	.1													235	235	287	401
32/ 31	1.0	2.4	.2	.3	.0													287	287	276	587
30/ 29	1.2	.8	.2	.1														166	166	305	406
28/ 27	.5	.8	.1															102	102	147	299
26/ 25	.4	.7	.1															83	83	108	268
24/ 23	.1	.4	.1															37	37	73	121
22/ 21	.2	.2	.3															33	33	39	126
20/ 19	.2	.2																26	26	28	73
18/ 17	.1	.1																11	11	17	45

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	OCT

PAGE 2 — HOURS (L. S. T.): ALL

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
16/ 15	.1	.1																6	6	7	27
14/ 13		.1																3	3	5	31
12/ 11																					31
10/ 9																					26
8/ 7																					7
6/ 5																					2
TOTAL	11.4	34.4	21.7	15.1	9.5	4.3	2.3	.9	.3	.1									7440		7426
																		7426		7426	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	45081532	565480	76.1	16.498	7426							
Dry Bulb	17608285	352323	47.4	11.145	7440		75.4	34.8	10.5	1.6		744
Wet Bulb	14901395	324713	43.7	9.729	7426		100.7	3.9				744
Dew Point	12420194	293544	39.5	10.487	7426		205.3	.1				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227 WATERTOWN NY — STATION / STATION NAME
74-83 — YEARS
NOV — MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67				.1	.1	.1												3	3		
66/ 65			.2	.2														4	4		
64/ 63			.1	.1														2	2		
62/ 61		.1	.2	.1														4	4	4	
60/ 59		.6	.7	.3	.2													16	16	7	2
58/ 57	.1	.9	.7															15	15	9	7
56/ 55	.5	.3	.3	.3	.2													15	15	20	15
54/ 53	.1	.6	.5	.6	.1	.1		.1										18	18	14	13
52/ 51	.3	1.4	.7	.5	.9		.2											34	34	11	13
50/ 49	.5	1.6	.2	.7	.1	.1												28	28	31	25
48/ 47	.7	1.2	.7	.2	.2		.1											27	27	23	22
46/ 45	.1	2.4	.5	1.2		.1												39	39	36	23
44/ 43	.7	2.8	.8	1.0		.1												47	49	40	27
42/ 41	1.9	3.7	2.2	1.2	.2													79	80	59	38
40/ 39	.2	5.2	2.4	.9	.3													79	87	61	51
38/ 37	1.3	3.1	3.7															70	76	76	45
36/ 35	1.6	2.3	.8	.1														42	44	76	71
34/ 33	1.4	5.0	1.6															69	71	75	50
32/ 31	1.3	4.8	.7															58	60	60	77
30/ 29	1.4	2.0	1.3															40	44	54	72
28/ 27	1.0	2.4																30	34	34	62
26/ 25	.6	3.3	.5															37	43	46	43
24/ 23	.6	.8																12	15	27	23
22/ 21	2.0	1.5																30	31	27	28
20/ 19	.9	1.2	.3															22	22	22	68
18/ 17	.7	.5																10	12	13	21
16/ 15	1.3	.8																18	18	17	19
14/ 13	.5	.6																9	9	11	18
12/ 11	.2																	2	2	6	2
10/ 9																					12
8/ 7																					6
6/ 5																					6
TOTAL	20.1	49.2	19.4	7.7	2.4	.6	.3	.1										859	897	859	859

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5904223	70301	81.8	13.255	859							
Dry Bulb	1350969	33423	37.3	10.856	897		29.1	.3				90
Wet Bulb	1170502	30480	35.5	10.183	859		33.2					90
Dew Point	991245	27613	32.1	10.989	859		47.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227 — WATERTOWN NY (STATION / STATION NAME) — 74-83 (YEARS) — NOV (MONTH)

PAGE 1 — 0300-0500 (HOURS (L. S. T.))

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67						.3												2	2		
66/ 65		.1	.2	.2	.4													8	8		
64/ 63		.2		.2	.1													5	5	2	
62/ 61		.5			.1													5	5	4	2
60/ 59		.5	.2		.2													8	8	11	6
58/ 57	.1	.6	.6	.2														13	13	8	6
56/ 55	.4	.2	.4	.2	.1													11	11	9	9
54/ 53		.5	.1	.7	.2													13	13	10	10
52/ 51		.9	1.9	.8	.2													31	31	11	11
50/ 49	.1	1.4	.4	.6	.7	.1												28	28	23	13
48/ 47	.9	2.3	.5	.1	.1	.2												37	37	40	27
46/ 45	.6	1.9	.9	.4		.4	.1											36	36	30	20
44/ 43	.5	3.2	1.4	.5	.1	.1												49	49	34	35
42/ 41	.9	3.7	2.3	.8	.2													69	70	54	38
40/ 39	1.5	3.9	2.1	.5	.2													70	73	64	52
38/ 37	1.1	4.1	2.2	.4														66	75	69	47
36/ 35	1.5	3.0	2.7	.5														66	68	82	61
34/ 33	2.1	3.0	.9															52	57	70	71
32/ 31	.9	7.0	.4															71	74	67	68
30/ 29	.9	1.3	1.3															30	31	58	60
28/ 27	1.5	2.3	.1															34	38	33	62
26/ 25	.8	3.5	.5															41	43	42	43
24/ 23	.8	1.2																17	20	32	24
22/ 21	1.5	1.5																26	27	30	34
20/ 19	1.8	.9	.2															25	28	24	55
18/ 17	1.2	.6																15	17	15	36
16/ 15	.6	.6																10	10	11	22
14/ 13	.5	.5																11	11	10	14
12/ 11	.5																	4	4	10	6
10/ 9	.4																	3	3	3	7
8/ 7	.1																	1	1	1	11
6/ 5																					3
4/ 3																					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 AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	NOV

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	21.1	49.7	19.4	5.8	2.8	1.1	.1												896		857
																		857		857	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5966408	70640	82.4	12.959	857							
Dry Bulb	1314507	32867	36.7	11.030	896		30.8	.2				90
Wet Bulb	1140196	29980	35.0	10.334	857		35.3					90
Dew Point	968720	27216	31.8	11.044	857		47.2					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	NOV

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67				.2														2	2		
66/ 65			.1	.3	.2													7	7		
64/ 63		.5	.3	.3	.1													11	11	2	
62/ 61		.1	.1		.3													5	5	7	3
60/ 59		.1	.7	.1														8	8	7	4
58/ 57		.2	.1		.3													6	6	11	3
56/ 55		.5	.3															7	7	8	9
54/ 53	.3	.6	.5	.8	.5													23	23	11	13
52/ 51	.2	.8	1.0	.1	.2	.1												22	22	8	13
50/ 49	.3	1.3	.9	.8	.1													30	30	21	15
48/ 47	.3	2.0	.6	.5	.2	.2												33	33	31	8
46/ 45	.6	1.9	1.4	.3	.1	.3												40	40	37	27
44/ 43	.9	2.6	.7	.2														38	38	40	41
42/ 41	.8	3.8	1.7	1.3														66	66	46	31
40/ 39	1.4	4.2	2.1	.7														72	76	58	51
38/ 37	1.2	4.9	1.7	.8														74	80	76	49
36/ 35	1.4	3.1	1.7	.3														57	61	79	69
34/ 33	2.6	2.7	1.3															56	60	74	68
32/ 31	1.2	6.2	1.4															75	80	51	67
30/ 29	1.4	1.7	.9															35	37	71	54
28/ 27	1.6	2.4	.5															39	40	44	55
26/ 25	1.4	2.7	.3															38	39	42	63
24/ 23	.7	1.2																16	19	33	25
22/ 21	1.7	.9																23	27	20	41
20/ 19	1.5	1.7	.1															23	24	23	48
18/ 17	.8	.6	.2															14	17	15	28
16/ 15	1.2	.3																13	14	14	24
14/ 13	1.2	.6																15	15	14	13
12/ 11	.1	.3																4	4	6	9
10/ 9																				3	6
8/ 7	.2																	2	2	2	5
6/ 5	.5																	4	4	4	9
4/ 3																					6
2/ 1																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
727	WATERTOWN NY	74-83	NOV

PAGE 2 — 0600-0800 HOURS (L. S. T.)

Temp. (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	23.7	47.3	19.0	7.1	2.2	.7												858	897	858	858

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5985369	70805	82.5	12.886	858							
Dry Bulb	1297852	32596	36.3	11.247	897		32.3	.2				90
Wet Bulb	1127379	29769	34.7	10.502	858		35.9					90
Dew Point	955857	27015	31.5	11.083	858		47.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	NOV

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73						.1												1	1		
/ 69					.5													4	4		
/ 67				.3														3	3		
67/ 65		.1		.5	.1		.1											7	7		
64/ 63		.6	.2	.2	.3	.1												13	13	3	
2/ 61	.1	.2	.1	.2	.2	.1	.1											10	10	13	6
/ 59		.2	.2	.5	.3	.5												16	16	9	3
/ 57		.1	.5	.3	.7	.3	.1											18	18	7	9
5/ 55	.3	.3	.2	.5	.2	.2	.1											17	17	11	13
4/ 53	.2	.9	.7	.6	.5		.2											27	28	16	6
2/ 51	.8	1.0	1.6	.7	.3	.1	.1											39	39	29	22
5/ 49		2.0	.5	1.3	.3													36	36	27	14
/ 47	.5	1.6	.8	1.2	.8	.2												44	44	48	24
4/ 45	.5	2.3	2.3	.9	.2													56	58	37	31
44/ 43	.7	4.2	2.0	1.4	.3													74	74	58	45
/ 41	.6	2.3	3.1	1.6	.1													67	74	72	37
40/ 39	.8	2.8	2.3	1.7	.1													67	70	70	60
3/ 37	1.3	1.6	2.0	1.3	.2													55	62	73	64
/ 35	1.6	2.2	.9	.8														48	53	64	66
34/ 33	1.2	2.4	3.1	.2														59	61	55	56
/ 31	.2	4.7	2.1	.3														63	65	59	69
/ 29	1.0	1.9	.9															33	34	69	55
/ 27	.3	1.9	.7															29	34	38	46
/ 25	.6	1.4	.1															18	19	37	58
24/ 23	.3	.6																8	12	18	32
22/ 21	.3	.8	.5															14	14	9	44
/ 19	.3	.7	.5															14	14	11	36
1/ 17	.6	.3																8	8	13	15
1/ 15	.6	.1																6	6	9	19
14/ 13		.1																1	1	1	11
1/ 11	.1	.1																2	2	2	4
1/ 9	.1																	1	1	2	1
/ 7																					5
/ 5																					6

Element (X)	Σx²	Σx	x̄	σx	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]227	WATERTOWN NY	74-83	NOV

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp. (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
-/																					2
/ 1																					1
TOTAL	13.0	37.7	25.9	14.7	5.5	1.9	.8												898		860
																		860		860	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	5258810	65990	76.7	15.076	860							
Dry Bulb	1570633	36287	40.4	10.784	898		21.0	.9	.1			90
Wet Bulb	1307203	32435	37.7	9.884	860		28.0					90
Dew Point	1062006	28754	33.4	10.823	860		42.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 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
74/ 73						.1	.2											3	3		
72/ 71						.2												2	2		
70/ 69					.2	.2												4	4		
68/ 67			.2	.2	.2	.1		.2										9	9		
66/ 65				.2	.3	.5	.3		.1									13	13		
64/ 63		.2	.1	.1	.2	.7	.5	.1		.1								18	18	5	
62/ 61		.5	.2		.1	.3	.2			.1								13	13	10	5
60/ 59		.3	.6	.2	.5	.9	.3											24	24	12	1
58/ 57		.3	.5	.7	.2	.6	.1											21	21	9	8
56/ 55	.1	.8	.7	1.6	.3	.3	.3											37	37	17	14
54/ 53	.7	.5	.5	.8	.8	.3	.3											34	34	30	23
52/ 51	.2	.3	1.0	1.4	.6	.2												33	34	36	12
50/ 49	.3	1.3	.8	.7	.7		.3											36	36	38	17
48/ 47	.3	2.7	1.2	2.0	1.9													69	69	39	24
46/ 45	.5	2.0	2.3	2.1	.6													64	68	54	45
44/ 43	.3	2.2	1.0	1.9	.3													50	53	59	36
42/ 41	.8	1.5	2.4	2.0	.7	.1												65	70	70	54
40/ 39	.8	2.4	2.2	2.0	.9													72	81	73	55
38/ 37	1.0	1.6	.9	2.3	.1													52	58	73	48
36/ 35	.5	2.1	2.3	1.5	.2													57	59	48	68
34/ 33	.3	2.0	3.1	.6	.1													53	54	59	54
32/ 31	.5	3.3	1.5	1.3														56	58	69	77
30/ 29	.7	.7	.7	.1														19	20	68	56
28/ 27		.3	.1	.3														7	9	21	41
26/ 25	.8	1.3	.2															20	24	26	42
24/ 23		.8	.3															10	10	15	39
22/ 21		.6	.5															9	9	11	39
20/ 19		.5	.2															6	6	7	41
18/ 17		.2	.1															3	3	8	18
16/ 15																				2	11
14/ 13																					11
12/ 11																					4
10/ 9																					6
8/ 7																					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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72·227	WATERTOWN NY	74-83	NOV
STATION	STATION NAME	YEARS	MONTH

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

Temp. (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																					1
4/ 3																					5
TOTAL	9.0	28.5	24.0	22.1	9.2	4.7	2.8	.3	.1	.2									899		859
																		859		859	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	4564525	60913	70.9	16.901	859							
Dry Bulb	1777328	38810	43.2	10.652	899		13.9	1.8	.3			90
Wet Bulb	1413351	33870	39.4	9.527	859		23.8					90
Dew Point	1088530	29100	33.9	10.942	859		41.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	NOV

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73						.1	.3											4	4		
72/ 71						.1												1	1		
70/ 69					.1	.3			.1									5	5		
68/ 67			.1		.1													2	2		
66/ 65				.2	.3	.1												6	6		
64/ 63		.3	.1	.1	.1	.5	.5											14	14	2	
62/ 61		.1	.2	.2	.1	.2	.1			.2								11	11	9	3
60/ 59		.5	.9	.2	.3	.6	.1											23	23	9	1
58/ 57		.2	.5	1.0	.3	.2												21	21	11	5
56/ 55		.7	.6	.5	.2	.3			.1									21	21	14	11
54/ 53	.2	.7	1.3	1.0	.3	.2												33	33	24	21
52/ 51	.6	1.9	1.6	.6	.8	.3												50	50	34	15
50/ 49	.2	1.6	1.2	.7	.5	.1												37	37	49	31
48/ 47	1.0	1.7	.9	1.3	.7	.3												52	52	46	37
46/ 45	.7	2.0	2.1	2.0	.6													63	63	39	35
44/ 43	.6	1.5	2.8	2.2	.2													63	66	51	46
42/ 41	.3	1.5	2.1	1.7	.8													56	62	56	36
40/ 39	.6	3.1	2.4	1.9	.5													74	81	71	41
38/ 37	1.5	2.1	1.5	2.1	.3													65	70	89	49
36/ 35	1.3	2.2	1.7	2.0	.2													64	67	58	71
34/ 33	.7	1.3	2.4	1.4	.1													51	52	63	70
32/ 31	.7	3.9	2.2	.5														63	68	66	73
30/ 29		1.2	1.3	.1														22	23	63	37
28/ 27	.5	.7	.1	.6														16	17	42	46
26/ 25	.2	1.3	.2															15	19	20	46
24/ 23		.9	.6															13	13	15	27
22/ 21	.1	.5	.3															8	8	16	45
20/ 19	.1	.7	.1															8	8	5	56
18/ 17																				9	21
16/ 15																					11
14/ 13																					1
12/ 11																					10
10/ 9																					6
8/ 7																					6

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	NOV

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (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																					2
</ 3																					2
TOTAL	9.4	30.7	27.6	20.3	6.9	3.6	1.0		.2	.2								861	897	861	861

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	4815139	62837	73.0	16.325	861							
Dry Bulb	1689505	37839	42.2	10.205	897		15.7	1.2	.4			90
Wet Bulb	1377405	33479	38.9	9.377	861		24.7					90
Dew Point	1085329	29067	33.8	10.999	861		40.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	NOV

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67				.1	.1													2	2		
66/ 65				.3														3	3		
64/ 63				.3														3	3		
62/ 61			.1	.1	.3													5	5	2	
60/ 59		.3	.5	.3	.1	.1												13	13	4	
58/ 57		.2	1.4	.2	.3													19	19	8	2
56/ 55	.1	.5	.2		.2				.3									12	12	12	8
54/ 53	.2	.9	1.5	.5	.2	.2												31	31	21	14
52/ 51	.1	1.4	.9	.5	.3	.1												28	23	23	18
50/ 49		2.2	.8	.2	.1													29	29	29	27
48/ 47	1.0	1.7	.1	.7														31	31	40	32
46/ 45	1.0	2.3	2.5	.9	.2													61	61	35	29
44/ 43	1.4	3.5	2.2	.9														69	69	48	41
42/ 41	.2	2.7	2.9	.9														58	61	61	32
40/ 39	.2	3.6	2.8	1.6	.3													74	77	59	40
38/ 37	1.4	2.4	1.7	.9	.1													57	63	78	61
36/ 35	2.1	3.9	2.1	.5														74	77	64	72
34/ 33	1.3	3.2	4.1	.1														75	77	84	66
32/ 31	.6	6.5	1.7	.2														78	83	62	61
30/ 29	.2	2.2	1.4	.1														34	39	80	59
28/ 27	.7	1.9	.3															25	28	42	40
26/ 25	.6	1.2	.1															16	19	32	77
24/ 23	.3	.6	.1															9	10	18	34
22/ 21	.5	1.3	.5															19	21	11	30
20/ 19	.8	2.0																24	25	23	39
18/ 17	.1	.5																5	5	15	23
16/ 15	.6	.5																9	9	10	12
14/ 13																				2	16
12/ 11																					16
10/ 9																					8
8/ 7																					4
6/ 5																					2
TOTAL	13.4	45.4	28.0	9.7	2.5	.5			.3									863	900	863	863

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	5553900	68242	79.1	13.523	863							
Dry Bulb	1437154	34844	38.7	9.902	900		23.9	.2				90
Wet Bulb	1227051	31521	36.5	9.374	863		30.8					90
Dew Point	1020050	28214	32.7	10.644	863		43.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	NOV
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67				.1	.2													3	3		
66/ 65				.2	.1													3	3		
64/ 63				.2														2	2		
62/ 61				.1														1	1	1	
60/ 59		.2	.9	.8														16	16	5	
58/ 57		.6	.9	.1														14	14	6	
56/ 55	.6	1.3	.5	.3	.6			.1	.1									30	30	19	15
54/ 53	.1	.3	.6	.7	.3	.1		.1										20	20	26	15
52/ 51		1.3	.9	.1	.3													22	22	10	15
50/ 49	.1	2.0	.3	.8		.1												29	29	27	25
48/ 47	.6	1.5	.6	.2														25	25	31	27
46/ 45	1.0	2.7	1.2	.6	.2													49	49	39	35
44/ 43	.3	3.1	1.9	1.3	.3													60	63	42	25
42/ 41	.6	3.8	2.4	1.2	.2	.2												73	73	51	27
40/ 39	.5	2.7	2.7	1.2	.1													61	66	59	54
38/ 37	1.3	3.0	1.7	.3														55	59	74	48
36/ 35	2.3	4.4	1.6	.1														73	74	78	67
34/ 33	.6	5.3	2.0	.1														69	71	76	50
32/ 31	1.2	4.1	2.4	.1														67	72	69	85
30/ 29	.5	2.4	.9															33	37	46	66
28/ 27	1.2	2.8	.3															37	40	54	43
26/ 25	.5	1.9	.7															26	30	38	56
24/ 23	.7	.8																13	18	21	29
22/ 21	1.3	1.0	.2															22	22	24	39
20/ 19	1.3	1.0	.5															24	25	21	53
18/ 17	.9	.9																16	18	19	19
16/ 15	.7	.7																12	12	15	17
14/ 13	.3																	3	3	7	18
12/ 11	.3																	3	3	3	14
10/ 9																					11
8/ 7																					6
6/ 5																					2
TOTAL	16.8	48.0	23.1	8.7	2.6	.5		.2	.1									861	900	861	861

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5740707	69375	80.6	13.243	861							
Dry Bulb	1372645	33825	37.6	10.620	900		28.0	.3				90
Wet Bulb	1180150	30710	35.7	9.929	861		33.1					97
Dew Point	988163	27627	32.1	10.874	861		47.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL — HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73						.1	.1											8	8		
72/ 71						.0												3	3		
70/ 69					.1	.1			.0									13	13		
68/ 67			.1	.1	.1	.1		.0										26	26		
66/ 65		.0	.1	.3	.2	.1	.1		.0									51	51		
64/ 63		.2	.1	.2	.1	.2	.1	.0		.0								68	68	14	
62/ 61	.0	.2	.1	.1	.2	.1	.1			.0								54	54	50	19
60/ 59		.3	.6	.3	.2	.3	.1											124	124	64	17
58/ 57	.0	.4	.7	.3	.2	.1	.0											127	127	69	40
56/ 55	.2	.6	.4	.4	.2	.1	.1	.0	.1									150	150	110	94
54/ 53	.2	.6	.7	.7	.4	.1	.1	.0										199	200	152	115
52/ 51	.3	1.1	1.2	.6	.5	.1	.0											259	260	162	119
50/ 49	.2	1.7	.7	.7	.3	.1	.0											253	253	245	167
48/ 47	.7	1.8	.7	.8	.5	.1	.0											318	318	298	201
46/ 45	.7	2.2	1.7	1.0	.2	.1	.0											410	414	307	245
44/ 43	.7	2.9	1.6	1.2	.2	.0												450	461	372	296
42/ 41	.8	2.9	2.4	1.3	.3	.0												533	556	469	293
40/ 39	.8	3.5	2.4	1.3	.3													569	606	515	404
38/ 37	1.3	2.9	1.9	1.0	.1													494	543	608	411
36/ 35	1.5	2.9	1.7	.7	.1													481	503	549	545
34/ 33	1.3	3.1	2.3	.3	.0													484	503	556	485
32/ 31	.8	5.0	1.5	.3														531	560	503	577
30/ 29	.8	1.7	1.1	.0														246	265	509	459
28/ 27	.9	1.8	.3	.1														217	240	308	395
26/ 25	.7	2.1	.3															211	236	283	428
24/ 23	.4	.9	.1															98	117	179	233
22/ 21	.9	1.0	.2															151	159	148	300
20/ 19	.9	1.0	.3															146	152	136	396
18/ 17	.5	.5	.0															71	80	107	181
16/ 15	.6	.4																68	69	78	135
14/ 13	.3	.3																39	39	45	102
12/ 11	.2	.1																15	15	27	65
10/ 9	.1																	4	4	8	57
8/ 7	.0																	3	3	3	47

Element (X)	Σx^2	Σx	$\bar{X}$	σ_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 JUL 64 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	NOV

PAGE 2 — HOURS (L. S. T.): ALL

Temp. (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	.1																	4	4	4	31
-/ 3																					19
/ 1																					2
TOTAL	15.[illegible]	42.1	23.3	12.[illegible]	4.3	1.7	.6	.1	.1	.1									7184		6878
																		6878		6878	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	43789081	539103	78.4	14.934	6878							
Dry Bulb	11810591	280491	39.0	10.937	7184		194.7	5.0	.8			720
Wet Bulb	9943236	252244	36.7	10.034	6878		244.7					720
Dew Point	8159900	224606	32.7	10.954	6878		358.7					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	DEC
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
66/ 65					.1													1	1		
64/ 63				.1	.2													3	3		
60/ 59			.2		.3		.3											8	8	1	
58/ 57																				2	
56/ 55		.2	.1															3	3	3	1
54/ 53		.1			.1													4	4	4	3
52/ 51		.1	.2															3	3	3	5
50/ 49	.1	.2			.1													4	4	6	3
48/ 47	.1	.3	.3	.1	.2													10	10	4	3
46/ 45	.1	.2	.6															9	9	7	4
44/ 43	.1	.6	.8	.3														17	17	9	4
42/ 41	.1	.6	.8	.2	.2													18	18	15	4
40/ 39	.4	1.9	.5	.4	.1													33	33	29	16
38/ 37	1.5	1.7	1.1	.1														41	41	37	34
36/ 35	.6	4.3	1.2															57	57	37	32
34/ 33	1.5	3.9	1.2	.4														65	65	71	37
32/ 31	2.3	7.2	1.6	.5														108	108	70	71
30/ 29	1.5	3.5	1.4	.1	.1													62	62	87	68
28/ 27	1.1	3.7	.9															46	46	54	64
26/ 25	.9	2.5	.3															34	34	62	46
24/ 23	.6	1.7	.5															27	27	35	19
22/ 21	2.1	3.9	.2															54	54	49	49
20/ 19	2.6	3.0	.1															53	53	55	71
18/ 17	1.0	1.9																27	27	34	47
16/ 15	1.1	2.2																30	30	27	42
14/ 13	2.2	1.3																32	32	39	43
12/ 11	1.7	1.5																30	30	26	36
10/ 9	1.1	2.0																29	29	29	32
8/ 7	.6	1.1																16	16	24	31
6/ 5	1.0	1.1																19	19	16	13
4/ 3	.4	.3																7	7	13	25
2/ 1	.8	1.2																19	19	19	27
0/ -1	1.0	.3																12	12	11	11
-2/ -3	.5	.2																7	7	10	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 AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72?227	WATERTOWN NY	74-83	DEC

PAGE 2 — HOURS (L. S. T.) 0000-0200

Temp. (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	.5	.2																7	7	6	10
-/ -7	.3																	3	3	4	10
-/ -9	.6																	6	6	6	11
-1/-11	.5																	6	6	6	8
-1/-13	.4																	4	4	4	4
-1/-15	.3																	3	3	3	4
-1/-17	.5																	5	5	5	4
-1/-19	.8																	7	7	7	9
-/-21	.1																	1	1	1	4
-2/-23																					8
-2/-25																					2
-2/-27																					8
TOTAL	1.3	52.2	12.2	2.4	1.7		.3												930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6117207	74409	80.0	13.277	930							
Dry Bulb	755141	22819	24.5	14.497	930	6.1	65.4					93
Wet Bulb	672392	21506	23.1	13.728	930	6.3	70.2					93
Dew Point	546515	17645	19.0	15.097	930	10.0	78.4					93

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

GLC?AL CLIMATOLOGY BRANCH
?AFETAC
AT? ?EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72?227	?ATERTOWN NY	74-83	DEC

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

Temp. (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/ 63					.1													1	1		
0/ 59			.1	.2		.2	.1											6	6		
/ 57				.3														3	3		
5/ 55		.1	.1	.2	.2													6	6	4	
4/ 53					.1													1	1	1	
2/ 51		.1	.3															4	4	5	6
/ 49	.2	.2	.4	.2	.2													12	12	8	3
4/ 47	.1	.3	.9	.1	.1													14	14	11	5
4/ 45	.1	.4	.2	.2														9	9	6	9
4/ 43	.3	.3		.3	.1													10	10	18	9
2/ 41	.1	1.1	.2	.2	.2													17	17	10	5
40/ 39	.5	1.3	.5	.3														25	25	22	19
3/ 37	.5	1.9	1.4	.2														40	40	19	24
/ 35	.9	2.7	1.5															47	47	48	26
34/ 33	1.2	5.4	1.3															73	73	69	29
2/ 31	1.3	4.6	2.4	.5														82	82	66	68
/ 29	2.4	3.2	1.3	.2														66	66	67	66
2/ 27	1.1	4.5	1.0	.1														62	62	73	54
/ 25	1.0	2.4	.4															35	35	59	53
24/ 23	.9	2.8	.4															38	38	42	31
2/ 21	1.4	2.7	.1															39	39	47	39
/ 19	2.0	3.9																54	54	53	62
1/ 17	.9	1.7																24	24	28	42
1/ 15	1.8	3.3																48	48	40	66
1/ 13	1.6	1.1																25	25	36	41
1/ 11	1.3	1.2																23	23	25	48
1/ 9	1.0	1.8																26	26	20	24
/ 7	1.0	.6																15	15	26	27
/ 5	.8	1.1																17	17	10	15
/ 3	1.1	1.4																23	23	27	18
2/ 1	1.9	1.2																29	29	32	30
/ -1	.8																	7	7	9	14
- / -3	.1																	1	1	1	10
-4/ -5	1.3	.4																16	16	14	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7? 227	WATERTOWN NY	74-83	DEC

PAGE 2 — 0300-0500 HOURS (L. S. T.)

Temp. (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																	7	7	9	14
- / -9	.5																	5	5	5	14
-1 7-11	.1																	1	1	1	4
-1 /-13	.2																	2	2	2	
-1?/-15	.4																	4	4	4	7
-1 /-17																					5
-1?/-19	1.1																	10	10	10	13
-?0/-21	.3																	3	3	3	4
-?2/-23																					3
-2?/-27																					4
-? /-29																					6
TOTAL	30.9	51.7	12.8	3.2	1.1	.2	.1												930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	6112362	74442	80.0	12.860	930							
Dry Bulb	736616	22346	24.0	14.661	930	5.6	66.2					93
Wet Bulb	654984	21042	22.6	13.877	930	5.8	70.9					93
Dew Point	531150	17204	18.5	15.138	930	11.1	79.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	DEC

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
60/ 59				.3														3	3		
58/ 57				.1	.1													2	2		
56/ 55				.3	.1													4	4	3	
54/ 53	.1	.2	.1	.3														7	7	2	2
52/ 51	.1	.5	.6	.2	.1													15	15	3	2
50/ 49		.3	.1	.2	.1													7	7	14	5
48/ 47		.2	.4	.1	.1													8	8	10	8
46/ 45		.6	.2	.1	.2													11	11	6	4
44/ 43	.3	.5	.1		.1													10	10	16	17
42/ 41		.8	.2	.2	.3													13	13	11	5
40/ 39	.2	1.9	.2	.3														25	25	15	18
38/ 37	.4	2.2	1.2	.2														37	37	22	17
36/ 35	.4	3.4	1.1															46	46	35	15
34/ 33	.9	4.2	1.6															62	62	62	27
32/ 31	1.1	5.2	2.2															78	78	63	67
30/ 29	2.7	3.1	.6	.3														63	63	75	56
28/ 27	2.3	4.3	.9	.1														68	68	72	63
26/ 25	.5	3.3	1.1															46	46	60	60
24/ 23	1.5	2.6	.4															42	42	56	35
22/ 21	1.6	1.7	.2															33	33	44	53
20/ 19	2.4	2.7	.1															48	48	42	62
18/ 17	1.2	1.6	.2															28	28	34	38
16/ 15	2.5	1.8	.1															41	41	38	56
14/ 13	1.7	1.7																25	25	32	43
12/ 11	1.7	1.2																27	27	29	46
10/ 9	1.3	2.3																33	33	25	20
8/ 7	1.0	.6																15	15	25	22
6/ 5	.8	.4																11	11	11	15
4/ 3	1.8	1.1																27	27	23	20
2/ 1	1.9	1.2																29	29	34	32
0/ -1	1.4	.2																15	15	15	18
-2/ -3	.6																	6	6	8	13
-4/ -5	.9	.2																10	10	10	12
-6/ -7																					10

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7?6227	WATERTOWN NY	74-83	DEC

PAGE 2 C600-0830 HOURS (L. S. T.)

Temp. (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	1.1																	10	10	10	10
-10/-11	.5																	5	5	5	11
-1./-13	.2																	2	2	2	6
-1./-15	.3																	3	3	3	4
-1 /-17																					6
-1./-19	.8																	7	7	7	10
- ./-21	.4																	4	4	4	5
- 2/-23																					3
-2./-25	.1																	1	1	1	2
-. /-27																					3
-. /-29																					3
-./-31	.1																	1	1	1	2
-3./-35																			2		1
-. /-39																					1
TOTAL	34.7	49.6	11.7	2.9	1.1													928	930	928	928

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6193362	74824	80.6	13.152	928							
Dry Bulb	718674	21720	23.4	15.085	930	6.6	68.0					93
Wet Bulb	640654	20578	22.2	14.102	928	6.6	73.1					93
Dew Point	526479	16831	18.1	15.448	928	12.0	81.0					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	DEC

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (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
66/ 65					.1													1	1		
62/ 61				.2														2	2		
58/ 57																				1	
56/ 55				.3	.1	.1												5	5	2	
54/ 53		.3	.5	.8	.1													16	16		
52/ 51		1.0	.9	.1	.3	.1												21	21	4	5
50/ 49		.9		.2														7	7	25	7
48/ 47		.3	.2		.1													6	6	12	10
46/ 45		.6																6	6	7	12
44/ 43	.1	.8	.1	.1														10	10	15	10
42/ 41		1.3	.3	.4														19	19	11	12
40/ 39	.6	.4	1.3	.5														27	27	16	18
38/ 37	.2	1.3	1.9	.4														35	35	14	15
36/ 35	1.1	3.4	1.9	.4	.1													65	65	42	18
34/ 33	1.0	5.0	2.4	.1	.1													79	79	77	22
32/ 31	2.7	4.7	2.6	.2														95	95	85	75
30/ 29	1.3	3.9	1.3	.5														65	65	73	60
28/ 27	1.5	4.4	.6	.1														62	62	80	76
26/ 25	.6	3.3	1.9															46	46	69	60
24/ 23	1.3	1.4	.5	.2														32	32	47	37
22/ 21	1.5	1.2	.3															28	28	33	52
20/ 19	1.5	3.1	.5															48	48	43	77
18/ 17	1.3	2.7	.5															42	42	34	27
16/ 15	1.4	2.3																34	34	44	46
14/ 13	1.5	.8	.1															22	22	31	39
12/ 11	1.2	1.5																25	25	22	40
10/ 9	.6	1.2																17	17	22	26
8/ 7	1.1	1.4																23	23	21	29
6/ 5	.6	.9																14	14	18	12
4/ 3	.8	.6																13	13	15	22
2/ 1	.3	.9																11	11	8	25
0/ -1	1.3	.5																17	18	17	16
-2/ -3	1.1	.3																13	13	17	5
-4/ -5	.3	.1																4	4	4	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	DEC

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-6/ -7	.2																	2	2	3	7
-8/ -9	.9																	8	8	8	11
-10/-11	.3																	3	3	3	13
-12/-13																					4
-14/-15	.3																	3	3	3	8
-16/-17	.1																	1	1	1	6
-18/-19	.1																	1	1	1	7
-20/-21																					3
-22/-23																					2
-24/-25																					2
-26/-27																					1
-28/-29	.1																	1	1	1	
-30/-37																					1
TOTAL	27.0	50.2	16.9	4.7	1.0	.2													930		929
																		929		929	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5893166	72846	78.4	13.968	929							
Dry Bulb	795497	23967	25.8	13.836	930	5.4	63.1					93
Wet Bulb	702364	22486	24.2	13.053	929	5.8	70.4					93
Dew Point	560660	18292	19.7	14.699	929	9.7	80.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	DEC

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67					.1													1	1		
66/ 65					.1													1	1		
64/ 63					.1													1	1		
60/ 59			.1	.2	.1													4	4	1	
58/ 57			.1		.4	.1	.1											7	7	2	
56/ 55			.2	.2	.2													6	6	1	
54/ 53		.3	.5	.2	.3	.1												14	14	4	1
52/ 51		.1	.2															3	3	8	3
50/ 49	.3	.1	.2	.2	.1													9	9	13	14
48/ 47		.5	.2	.1	.2													10	10	12	4
46/ 45	.1	.9	.2	.2	.2													15	15	8	5
44/ 43	.2	.9	.4		.2													15	15	21	15
42/ 41	.3	1.1	1.2	1.1														34	34	13	21
40/ 39	.1	.1	1.4	.6	.3													24	24	16	11
38/ 37	.2	3.8	1.5	1.5	.3	.1												69	69	27	10
36/ 35	.8	4.0	2.4	1.0	.1													76	76	66	27
34/ 33	1.6	3.3	2.8	1.2														83	83	85	41
32/ 31	1.6	6.1	2.2	1.1														102	102	83	80
30/ 29	1.5	3.2	1.6	.4														63	63	99	58
28/ 27	.6	1.9	1.4	.4														38	38	66	74
26/ 25	1.6	3.2	1.8	.1														63	63	64	71
24/ 23	.5	1.6	.2															22	22	45	38
22/ 21	1.0	1.9	1.2															38	38	44	50
20/ 19	1.1	3.5	1.2															54	54	43	54
18/ 17	.4	2.5	.4															31	31	41	41
16/ 15	.5	1.8	.8															29	29	26	57
14/ 13	.4	1.2																15	15	25	38
12/ 11	.6	.9	.1															15	15	22	35
10/ 9	.1	2.0	.4															24	24	11	26
8/ 7	.1	1.3																13	13	21	31
6/ 5	.3	.9																11	11	18	9
4/ 3	.1	1.1																11	11	9	14
2/ 1	.1	1.1																11	11	12	20
0/ -1	.5	.1																6	6	11	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	DEC

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

Temp. (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
-2/ -3																				1	15
-4/ -5	.3	.3																5	5	2	12
-6/ -7	.1																	1	1	4	9
-8/ -9	.3																	3	3	3	6
-10/-11	.2																	2	2	2	10
-12/-13																					2
-14/-15	.1																	1	1	1	6
-16/-17																					5
-18/-19																					3
-20/-21																					3
-22/-23																					2
-24/-25																					1
TOTAL	15.9	49.7	22.8	8.3	2.9	.3	.1												930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5343578	69020	74.2	15.433	930							
Dry Bulb	902813	26571	28.6	12.435	930	1.8	55.8	.1				93
Wet Bulb	774993	24551	26.4	11.686	930	2.4	65.3					93
Dew Point	586910	19490	21.0	13.860	930	8.2	77.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726227	WATERTOWN NY	74-83	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (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
66/ 65					.1													1	1		
64/ 63					.2													2	2		
62/ 61				.1	.1													2	2		
60/ 59			.2	.3	.1													6	6		
58/ 57		.3		.1	.3	.1												8	8	2	
56/ 55			.2	.1	.3													6	6	8	2
54/ 53			.2															2	2	3	3
52/ 51	.1	.2		.1														4	4	7	3
50/ 49	.1	.3	.1	.1	.1	.1												9	9	9	10
48/ 47		.4	.4		.3													11	11	6	7
46/ 45		.4	.1	.1														6	6	7	1
44/ 43	.4	.3		.1														8	8	13	13
42/ 41	.1	.9	1.2	.6	.1													27	27	10	9
40/ 39	.2	1.5	1.4	.5	.5													39	39	15	12
38/ 37	1.3	2.9	1.8	1.0	.1													66	66	47	18
36/ 35	.9	4.5	3.2	1.2														91	91	56	31
34/ 33	1.0	4.3	2.5	1.4														85	85	93	47
32/ 31	1.2	6.6	2.6	1.1														106	106	88	73
30/ 29	1.5	2.3	1.5	.3														52	52	97	71
28/ 27	1.6	2.7	1.2															51	51	66	67
26/ 25	1.3	4.2	1.0	.1														61	61	61	78
24/ 23	.8	1.5	.3															24	24	57	28
22/ 21	.6	1.7	.2															24	24	32	46
20/ 19	1.0	4.5	1.2															62	62	37	69
18/ 17	.5	2.3	.5															31	31	43	45
16/ 15	.3	1.1	.8															20	20	30	52
14/ 13	.3	1.6	.2															20	20	19	34
12/ 11	.5	1.2																16	18	23	36
10/ 9	.3	2.2	.1															24	24	17	22
8/ 7	.1	1.4																14	14	24	17
6/ 5	.1	1.5																15	15	13	12
4/ 3		1.3																12	12	15	10
2/ 1	.1	.6																7	7	10	25
0/ -1	.1	.1																2	2	5	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72[illegible]227	[illegible]ATERTOWN NY	74-83	DEC

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

Temp. (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]/ -3	.1	.2																3	3	3	10
-4/ -5	.3																	3	3	4	12
- [illegible]/ -7	.4																	4	4	4	8
-[illegible]/ -9	.2																	2	2	2	8
-1[illegible]/-11	.1																	1	1	1	4
-1[illegible]/-13																					3
-1[illegible]/-15	.1																	1	1	1	9
-1[illegible]/-17																					4
-1[illegible]/-19																					3
-[illegible]/-21																					1
-[illegible]/-23																					2
-2[illegible]/-25																					2
TOTAL	15.9	53.1	21.1	7.3	2.4	.2												928	930	928	928

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5415675	69505	74.9	15.048	928							
Dry Bulb	887403	26395	28.4	12.200	930	1.6	55.7					93
Wet Bulb	767034	24446	26.3	11.522	928	2.0	65.3					93
Dew Point	587835	19551	21.1	13.776	928	8.7	77.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	DEC

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

Temp. (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]4/ 63					.4													4	4		
[illegible]2/ 61			.1		.2													3	3		
5[illegible]/ 59			.2	.1	.1													4	4		
5[illegible]/ 57					.1													1	1	1	
5[illegible]/ 55			.1															1	1	8	
[illegible]4/ 53				.3														3	3	2	3
[illegible]2/ 51		.1	.2	.1	.1													5	5	1	1
5[illegible]/ 49		.4	.2	.1														7	7	3	6
4[illegible]/ 47		.2	.2		.3													7	7	8	4
4[illegible]/ 45		.4	.4	.2	.2	.1												13	13	7	7
[illegible]4/ 43		.3	.6	.2														11	11	9	4
[illegible]2/ 41	.3	.8	1.6	.5														30	30	12	7
4[illegible]/ 39	.1	1.5	.9	.1	.1													25	25	28	15
3[illegible]/ 37	.6	1.7	1.0	1.3														43	43	39	15
[illegible]/ 35	1.1	2.4	1.9	.8														56	56	33	39
3[illegible]/ 33	1.9	4.8	3.3	.6														100	100	64	41
[illegible]2/ 31	1.5	5.9	2.2	.4														93	93	91	71
3[illegible]/ 29	1.3	3.2	1.7	.1														59	59	97	50
2[illegible]/ 27	2.7	3.9	.5															66	66	79	64
2[illegible]/ 25	1.6	3.9	.8															58	58	66	76
2[illegible]/ 23	.5	2.2	.4															29	29	53	31
[illegible]2/ 21	1.3	3.1	.2															43	43	44	63
[illegible]/ 19	1.0	2.3	.5															35	35	33	71
1[illegible]/ 17	1.3	2.7	.3															40	40	39	50
1[illegible]/ 15	.4	1.7	.5															25	25	29	48
14/ 13	.6	.9	.1															15	15	18	27
1[illegible]/ 11	1.3	.6																18	18	25	40
10/ 9	1.1	1.7																26	26	18	29
[illegible]/ 7	.9	1.4																21	21	28	19
[illegible]/ 5	.1	.5																6	6	9	9
4/ 3	.4	1.3																16	16	17	13
[illegible]/ 1	.3	1.9																21	21	13	15
[illegible]/ -1	.8	.3																10	10	17	17
-[illegible]/ -3	.6	.1																7	7	10	14

Element (X)	Σx^2	Σx	$\bar{X}$	σ_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												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	DEC

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

Temp. (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	.6	.1																7	7	7	10
-6/ -7	.2																	2	2	2	11
-8/ -9	.3																	3	3	3	16
-10/-11	.4																	4	4	4	8
-12/-13	.3																	3	3	3	9
-14/-15	.2																	2	2	2	6
-16/-17	.1																	1	1	1	1
-18/-19	.4																	4	4	4	5
-20/-21	.1																	1	1	1	3
-22/-23																					8
-24/-25																					2
TOTAL	.4.7	50.5	18.1	5.0	1.6	.1													928		928
																		928		928	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	5818449	72339	78.0	13.916	928							
Dry Bulb	796107	24103	26.0	13.545	928	4.4	61.6					93
Wet Bulb	698406	22542	24.3	12.756	928	5.4	71.5					93
Dew Point	549680	18288	19.7	14.289	928	11.0	78.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	DEC

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

Temp. (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
66/ 65					.1													1	1		
64/ 63					.5													5	5		
62/ 61				.2														2	2		
60/ 59			.1		.1	.3												5	5	1	
58/ 57				.2														2	2	3	
56/ 55																				5	
54/ 53					.1													1	1		2
52/ 51		.2	.3		.1													6	6	3	5
50/ 49	.1		.1	.1	.1	.1												5	5	6	4
48/ 47		.1		.1	.2													4	4	3	1
46/ 45		.1	.8															8	8	3	4
44/ 43	.2	1.0	.8															18	18	10	4
42/ 41	.4	.8	1.2	.7														28	29	20	8
40/ 39	.9	1.5	.4	.1														27	27	28	18
38/ 37	.8	1.4	1.0	.4	.1													34	34	37	27
36/ 35	.9	3.1	1.4	.5														55	55	27	33
34/ 33	2.0	5.2	2.7	.3														94	94	66	35
32/ 31	2.1	6.5	1.7	.3														98	101	95	74
30/ 29	.9	1.7	1.3	.1														37	37	77	66
28/ 27	2.0	3.0	.8	.1														54	54	54	56
26/ 25	1.6	3.1	.4															48	48	68	47
24/ 23	.8	2.2	.9															35	35	37	33
22/ 21	2.5	2.7	.9															56	56	57	51
20/ 19	2.1	2.9	.3															49	49	56	67
18/ 17	1.2	2.4																33	33	32	50
16/ 15	1.0	1.8																26	26	37	48
14/ 13	.8	1.5	.1															22	22	19	37
12/ 11	2.0	1.7																34	34	29	44
10/ 9	1.3	.7																18	18	27	33
8/ 7	.9	.5																13	13	15	22
6/ 5	.5	.9																13	13	9	21
4/ 3	.8	.4																11	11	17	11
2/ 1	.8	1.3																19	19	15	17
0/ -1	1.1	.7																16	16	15	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]6227	WATERTOWN NY	74-83	DEC

PAGE 2 — 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	Wet Bulb	Dew Point
-[illegible]/ -3	.7	.2																8	8	13	9
-4/ -5	.[illegible]	.1																6	6	6	6
-[illegible]/ -7	.7																	6	6	7	11
-[illegible]/ -9	.4																	4	4	4	10
-10/-11	.7																	6	6	6	14
-1[illegible]/-13	.3																	3	3	3	5
-1[illegible]/-15	.2																	2	2	2	7
-1[illegible]/-17	.2																	2	2	2	5
-1[illegible]/-19	.5																	5	5	5	8
-[illegible]/-21	.4																	4	4	4	7
-[illegible]2/-23																					6
-2[illegible]/-25																					4
-2[illegible]/-27																					1
-2[illegible]/-29																					1
TOTAL	31.9	47.9	15.2	3.3	1.4	.4												923	927	923	923

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5995427	73309	79.4	13.693	923							
Dry Bulb	765032	23106	24.9	14.290	927	6.2	63.3					93
Wet Bulb	672947	21597	23.4	13.483	923	6.8	71.6					93
Dew Point	541593	17646	19.1	14.883	923	10.6	78.8					93

(Mean No. of Hours with Temperature: columns ≤ 0 F through Total)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72 227	WATERTOWN NY	74-83	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL — HOURS (L. S. T.)

Temp. (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[illegible]/ 67					.0													1	1		
[illegible]6/ 65					.1													5	5		
[illegible]4/ 63				.0	.2													16	16		
[illegible]2/ 61			.0	.1	.0													9	9		
[illegible]/ 59			.1	.1	.1	.1	.1											36	36	3	
[illegible]/ 57		.0	.0	.1	.1	.0	.0											23	23	11	
5[illegible]/ 55		.0	.1	.1	.1	.0												31	31	34	3
[illegible]4/ 53	.0	.1	.2	.2	.1	.0												48	48	16	14
[illegible]2/ 51	.0	.3	.3	.1	.1	.0												61	61	34	30
5[illegible]/ 49	.1	.3	.1	.1	.1	.0												60	60	84	52
4[illegible]/ 47	.0	.3	.3	.1	.2													70	70	66	42
4[illegible]/ 45	.0	.9	.3	.1	.1	.0												77	77	51	46
[illegible]4/ 43	.2	.6	.4	.1	.1													99	99	111	76
[illegible]2/ 41	.2	.9	.8	.5	.1													186	187	102	71
4[illegible]/ 39	.4	1.3	.8	.4	.1													225	225	169	127
3[illegible]/ 37	.7	2.1	1.4	.6	.1	.0												365	365	242	160
3[illegible]/ 35	.8	3.5	1.8	.5	.0													493	493	344	221
3[illegible]/ 33	1.4	4.5	2.2	.5	.0													641	641	587	279
[illegible]2/ 31	1.7	5.9	2.2	.5														762	765	641	579
3[illegible]/ 29	1.6	3.0	1.3	.3	.0													467	467	672	495
2[illegible]/ 27	1.6	3.5	.9	.1														447	447	544	518
2[illegible]/ 25	1.1	3.2	.8	.0														391	391	509	491
24/ 23	.9	2.0	.5	.0														249	249	372	252
[illegible]2/ 21	1.5	2.3	.4															315	315	350	403
[illegible]/ 19	1.7	3.2	.5															403	403	362	533
1[illegible]/ 17	1.0	2.2	.3															256	256	285	340
1[illegible]/ 15	1.1	2.0	.3															253	253	271	415
14/ 13	1.1	1.2	.1															176	176	219	302
1[illegible]/ 11	1.3	1.2	.0															188	190	201	325
10/ 9	.8	1.7	.1															197	197	169	212
[illegible]/ 7	.7	1.1																130	130	184	198
[illegible]/ 5	.5	.9																106	106	104	106
4/ 3	.7	.9																120	120	136	133
2/ 1	.8	1.2																146	146	143	191

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	DEC

PAGE 2 — HOURS (L. S. T.): ALL

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
0/ -1	.7	.3																85	86	100	116
-2/ -3	.5	.1																45	45	63	83
-4/ -5	.6	.2																58	58	53	86
-6/ -7	.3																	25	25	33	80
-8/ -9	.5																	41	41	41	86
-10/-11	.4																	28	28	28	72
-12/-13	.2																	14	14	14	33
-14/-15	.3																	19	19	19	51
-16/-17	.1																	9	9	9	36
-18/-19	.5																	34	34	34	58
-20/-21	.2																	13	13	13	30
-22/-23																					34
-24/-25	.0																	1	1	1	15
-26/-27																					17
-28/-29	.0																	1	1	1	10
-30/-31	.0																	1	1	1	2
-34/-35																			2		1
-36/-37																					1
-38/-39																					1
TOTAL	26.5	50.6	16.3	4.6	1.6	.2	.1											7426	7435	7426	7426

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	46889226	580694	78.2	14.120	7426							
Dry Bulb	6357283	191027	25.7	13.962	7435	37.7	499.1	.1				744
Wet Bulb	5583776	178748	24.1	13.136	7426	41.1	558.3					744
Dew Point	4430819	144947	19.5	14.687	7426	81.4	631.7					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726227	WATERTOWN NY	74-83	ALL

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (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
94/ 93											.0							1	1		
92/ 91							.0	.0	.0	.0	.0	.0						25	25		
90/ 89						.0	.0	.0	.0	.0	.0	.0						73	73		
88/ 87						.7	.0	.7	.0	.0	.0	.0	.0					127	128		
86/ 85					.0	.1	.1	.1	.0	.0	.0	.0						258	268		
84/ 83			.0	.7	.1	.1	.1	.1	.1	.0	.0	.0						453	466		
82/ 81			.0	.1	.1	.2	.2	.1	.1	.0	.0	.0						783	798		
80/ 79		.0	.0	.1	.2	.5	.3	.2	.1	.0	.0							1247	1261	19	
78/ 77		.0	.1	.2	.5	.3	.3	.2	.1	.0	.0							1437	1476	111	6
76/ 75	.0	.0	.2	.4	.4	.4	.2	.2	.1	.0	.0							1683	1733	280	47
74/ 73		.1	.3	.6	.4	.4	.3	.1	.1	.0	.0							1954	2005	719	159
72/ 71	.1	.2	.7	.5	.5	.3	.2	.1	.1	.0								2260	2330	1224	473
70/ 69	.0	.3	.9	.6	.5	.4	.2	.1	.1	.0	.0							2487	2585	2011	916
68/ 67	.1	.4	.9	.6	.5	.2	.2	.1	.0	.0								2508	2609	2529	1508
66/ 65	.1	.7	.7	.7	.5	.3	.2	.1	.0	.0								2768	2869	2960	2076
64/ 63	.1	.9	.7	.7	.4	.3	.1	.1	.0	.0								2727	2799	2978	2444
62/ 61	.1	.9	.8	.5	.4	.2	.1	.1	.0	.0								2749	2844	3133	2543
60/ 59	.1	.9	1.0	.6	.3	.3	.2	.1	.0									2654	2935	3343	3125
58/ 57	.1	1.0	.8	.4	.3	.2	.1	.0	.0									2535	2591	3212	2885
56/ 55	.2	1.0	.9	.4	.3	.3	.1	.0	.0									2546	2636	3034	3316
54/ 53	.2	1.0	.8	.5	.3	.2	.1	.0										2574	2644	2885	3026
52/ 51	.2	1.1	1.0	.4	.3	.2	.0	.0										2810	2870	2758	3019
50/ 49	.2	1.1	.7	.4	.3	.2	.0	.0										2555	2631	3022	2985
48/ 47	.2	1.2	.6	.4	.4	.1	.0	.0										2473	2536	2948	2796
46/ 45	.2	1.3	.7	.4	.3	.1	.0											2476	2585	2664	2823
44/ 43	.2	1.2	.7	.8	.2	.0	.0											2413	2530	2562	2494
42/ 41	.3	1.1	.9	.6	.1	.0	.0											2569	2651	2761	2429
40/ 39	.4	1.4	1.1	.4	.1	.0	.0											2812	2923	2837	2675
38/ 37	.4	1.5	.9	.4	.4	.0												2774	2860	3135	2398
36/ 35	.4	1.9	.9	.4	.1													3122	3169	3107	2954
34/ 33	.6	1.9	.9	.3	.0													3110	3151	3465	2958
32/ 31	.6	2.5	.9	.3	.0													3635	3669	3277	4375
30/ 29	.5	1.1	.7	.1	.0													2168	2188	3304	3161
28/ 27	.5	1.2	.9	.1	.0													1905	1932	2411	2802

Element (X)	Σx^2	Σx	$\bar{X}$	σ_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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]6227	WATERTOWN NY	74-83	ALL

PAGE 2 — HOURS (L. S. T.): ALL

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
2 / 25	.4	1.4	.5	.1														2013	2040	2431	2788
2[illegible]/ 23	.3	.8	.3	.0														1179	1199	1928	1386
2/ 21	.6	.9	.3	.0														1540	1549	1686	2207
/ 19	.8	1.2	.3	.0														1791	1797	1651	2525
1 / 17	.4	.9	.2															1238	1247	1423	1805
1[illegible]/ 15	.4	.9	.1	.0														1189	1193	1240	1750
[illegible]/ 13	.4	.7	.1															977	982	1105	1455
1[illegible]/ 11	.4	.5	.1															885	890	1011	1540
1[illegible]/ [illegible]	.4	.6	.0															889	891	951	1179
/ 7	.2	.5	.0															637	641	770	1060
/ 5	.2	.4																495	498	604	732
/ 3	.2	.5																539	542	583	776
/ 1	.2	.3																655	663	601	809
/ -1	.4	.1																391	397	542	564
- / -3	.2	.1																275	286	312	496
-[illegible]/ -5	.3	.1																322	326	298	479
-[illegible]/ -7	.2	.0																180	185	241	420
- / -9	.2																	188	190	188	474
-10/-11	.2																	141	142	141	425
-1[illegible]/-13	.1																	80	81	80	189
-14/-15	.1																	81	82	81	315
-1[illegible]/-17	.1																	44	44	44	178
-1[illegible]/-19	.1																	98	98	98	258
-[illegible]/-21	.1																	52	52	52	188
-[illegible]2/-23	.0																	32	34	32	107
-24/-25	.0																	33	33	33	93
-2[illegible]/-27	.0																	22	22	22	67
-[illegible]/-29	.0																	16	16	16	60
-[illegible]/-31	.0																	10	10	10	33
-[illegible]2/-33	.0																	6	6	6	36
-3[illegible]/-35																			2		26
-3[illegible]/-37	.0																	1	1	1	28
-3[illegible]/-39																					27
-[illegible]/-41																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]227	WATERTOWN NY	74-83	ALL

PAGE 3 — HOURS (L. S. T.): ALL

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	12.5	35.9	21.1	11.8	7.5	5.1	3.1	1.6	.8	.4	.1	.0	.0					84870	86924	84870	84870

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	488335100	6289640	74.1	16.179	84870							
Dry Bulb	2175571113	3941089	45.3	21.147	86924	200.3	2390.8	1606.2	841.2	246.6	.1	8760
Wet Bulb	1769565507	3517785	41.4	19.157	84870	220.3	2740.2	719.4	117.6	.2		8760
Dew Point	1499381244	3118568	36.7	20.408	84870	447.5	3522.6	322.7	22.0			8760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION	STATION NAME	YEARS
726227	WATERTOWN NY	74-83

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ANNUAL
0-02	MEAN	16.7	18.9	29.4	39.0	50.1	57.5	63.2	61.7	54.7	43.8	37.3	24.5	41.1
	S.D.	15.582	15.387	12.228	9.954	9.042	8.453	7.435	7.568	9.326	10.750	10.856	14.497	19.351
	TOTAL OBS	929	845	928	898	831	808	837	930	894	930	897	930	10657
[illegible]-05	MEAN	15.4	17.7	28.2	37.7	48.1	55.9	61.3	59.8	53.2	42.6	36.7	24.0	39.9
	S.D.	16.363	16.218	12.728	10.511	9.357	8.997	8.421	8.432	9.817	11.341	11.030	14.661	19.436
	TOTAL OBS	930	846	927	897	860	837	868	930	894	930	896	930	10745
[illegible]-08	MEAN	14.8	17.0	28.3	39.7	52.6	61.3	66.8	63.4	54.7	42.9	36.3	23.4	41.9
	S.D.	16.969	16.867	12.996	10.770	9.445	7.784	7.060	7.858	9.477	11.150	11.247	15.085	21.072
	TOTAL OBS	930	846	930	897	927	900	930	929	898	930	897	930	10944
[illegible]-11	MEAN	17.8	21.4	33.8	45.9	59.6	67.9	74.5	71.8	62.6	50.3	40.4	25.8	47.8
	S.D.	15.103	14.934	12.553	11.499	9.706	7.762	5.723	6.216	8.018	9.651	10.784	13.836	22.019
	TOTAL OBS	930	846	929	900	930	900	930	930	900	930	898	930	10953
1[illegible]-14	MEAN	21.3	25.7	37.5	49.1	62.9	71.1	77.9	75.3	66.1	53.9	43.2	28.6	51.2
	S.D.	13.376	13.709	12.320	11.858	10.117	8.047	5.990	6.308	7.943	9.876	10.652	12.435	21.775
	TOTAL OBS	930	846	930	899	930	897	930	930	900	930	899	930	10951
1[illegible]-17	MEAN	21.6	26.2	37.7	49.5	63.1	71.4	77.8	75.3	65.7	53.4	42.2	28.4	51.1
	S.D.	12.687	12.796	11.607	11.527	10.429	8.169	6.179	6.279	7.942	9.522	10.205	12.200	21.577
	TOTAL OBS	930	846	930	900	929	898	930	930	900	930	897	930	10950
1[illegible]-20	MEAN	18.6	22.4	33.9	45.2	58.3	66.7	72.7	69.5	59.6	47.1	38.7	26.0	46.7
	S.D.	14.085	13.916	10.628	10.448	9.540	7.801	6.134	6.362	8.265	9.522	9.902	13.545	20.837
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	928	10954
[illegible]1-23	MEAN	17.3	20.3	31.3	41.2	52.9	60.0	65.7	63.7	55.9	44.9	37.6	24.9	42.8
	S.D.	14.646	15.111	11.177	9.791	8.589	7.558	6.498	6.587	8.892	10.216	10.620	14.290	19.444
	TOTAL OBS	930	845	930	900	869	840	869	930	900	930	900	927	10770
ALL HOURS	MEAN	18.0	21.2	32.5	43.4	56.1	64.2	70.2	67.5	59.1	47.4	39.0	25.7	45.3
	S.D.	15.088	15.255	12.574	11.648	10.970	9.847	9.076	9.090	9.994	11.145	10.937	13.962	21.147
	TOTAL OBS	7439	6766	7434	7191	7206	6980	7224	7439	7186	7440	7184	7435	86924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

726227 WATERTOWN NY 74-83

STATION / STATION NAME / YEARS

HRS (L.S.T.)		JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	15.7	17.6	27.3	36.0	47.1	54.4	59.7	59.2	52.2	41.4	35.5	23.1	38.6
	S.D.	14.913	14.632	11.272	8.963	8.359	7.549	6.528	7.026	8.653	9.885	10.183	13.728	18.470
	TOTAL OBS	921	844	925	879	741	742	825	914	891	930	859	930	10401
03-05	MEAN	14.5	16.5	26.3	34.9	45.6	53.2	58.4	57.6	51.0	40.4	35.0	22.6	37.7
	S.D.	15.647	15.490	11.818	9.433	8.823	8.079	7.497	7.841	9.164	10.447	10.334	13.877	18.639
	TOTAL OBS	921	845	923	874	770	770	856	917	891	930	857	930	10484
06-08	MEAN	13.9	15.8	26.4	36.5	49.1	57.2	62.3	60.5	52.2	40.8	34.7	22.2	39.2
	S.D.	16.297	16.043	12.175	9.593	8.607	6.726	6.042	7.117	8.956	10.284	10.502	14.102	19.870
	TOTAL OBS	922	844	925	872	837	833	910	914	895	929	858	928	10667
09-11	MEAN	16.6	19.5	30.6	40.5	53.4	60.9	66.0	65.3	57.5	46.0	37.7	24.2	43.1
	S.D.	14.391	13.956	11.284	9.797	8.487	6.381	5.274	5.414	7.521	8.679	9.884	13.053	19.749
	TOTAL OBS	918	843	929	876	837	833	914	917	899	929	860	929	10684
12-14	MEAN	19.6	23.1	33.2	42.5	55.3	62.4	67.2	66.6	59.1	48.0	39.4	26.4	45.2
	S.D.	12.544	12.620	10.578	9.520	8.422	6.444	5.209	5.493	7.366	8.484	9.527	11.686	18.899
	TOTAL OBS	923	842	929	879	839	834	918	918	900	923	859	930	10694
15-17	MEAN	19.8	23.6	33.5	42.6	55.2	62.2	67.2	66.4	58.9	47.6	38.9	26.3	45.1
	S.D.	12.019	11.877	9.936	9.142	8.355	6.463	5.083	5.313	7.255	8.376	9.377	11.522	18.630
	TOTAL OBS	926	842	930	880	838	834	921	921	900	926	861	928	10707
18-20	MEAN	17.4	20.6	30.9	40.2	52.6	60.1	65.3	64.0	55.8	43.7	36.5	24.3	42.5
	S.D.	13.401	13.193	9.664	8.865	8.308	6.475	5.143	5.501	7.654	8.735	9.374	12.756	18.900
	TOTAL OBS	927	845	927	881	840	837	919	920	900	930	863	928	10717
21-23	MEAN	16.2	18.9	29.0	37.7	49.4	56.2	61.7	60.7	53.1	42.1	35.7	23.4	40.0
	S.D.	13.956	14.372	10.211	8.884	8.088	6.786	5.718	6.124	8.180	9.256	9.929	13.483	18.440
	TOTAL OBS	924	845	926	878	779	777	859	918	897	929	861	923	10516
ALL HOURS	MEAN	16.7	19.4	29.6	38.9	51.1	58.4	63.6	62.5	55.0	43.7	36.7	24.1	41.4
	S.D.	14.349	14.332	11.223	9.688	9.094	7.618	6.656	7.076	8.668	9.729	10.034	13.136	19.157
	TOTAL OBS	7382	6750	7414	7019	6481	6460	7122	7339	7173	7426	6878	7426	84870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

726227	WATERTOWN NY	74-83
STATION	STATION NAME	YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV	DEC.	ANNUAL
0-02	MEAN	10.4	12.2	22.5	31.5	43.8	51.9	57.4	57.5	50.1	38.3	32.1	19.0	35.1
	S D	16.818	16.501	12.687	9.995	9.099	7.869	6.731	7.151	8.963	10.541	10.989	15.097	20.003
	TOTAL OBS	921	844	925	879	741	742	825	914	891	930	859	930	10401
03-05	MEAN	9.3	11.3	21.5	30.6	42.7	50.9	56.3	56.2	49.1	37.6	31.8	18.5	34.3
	S D	17.468	17.356	13.338	10.268	9.387	8.315	7.484	7.859	9.396	10.885	11.044	15.138	20.181
	TOTAL OBS	921	845	923	874	770	770	856	917	891	930	857	930	10484
06-08	MEAN	8.6	10.7	21.6	31.8	45.3	54.2	59.3	58.6	50.2	38.1	31.5	18.1	35.6
	S D	13.282	17.800	13.813	10.502	9.487	7.070	6.440	7.215	9.379	10.702	11.083	15.448	21.235
	TOTAL OBS	922	844	925	872	837	833	910	914	895	929	858	928	10667
09-11	MEAN	11.0	13.1	24.0	33.2	47.3	56.0	60.7	61.2	53.4	41.1	33.4	19.7	37.8
	S D	16.571	16.290	13.568	11.302	10.403	7.505	6.996	6.500	8.810	10.095	10.823	14.699	20.978
	TOTAL OBS	918	843	929	876	837	833	914	917	899	929	860	929	10684
12-14	MEAN	13.0	15.4	25.6	34.2	48.1	56.4	60.8	61.2	53.7	41.6	33.9	21.0	38.7
	S D	15.199	15.583	12.836	11.088	10.460	7.910	7.363	7.099	9.113	10.372	10.942	13.860	20.257
	TOTAL OBS	923	842	929	879	839	834	918	918	900	923	859	930	10694
15-17	MEAN	13.1	16.1	25.9	34.0	47.7	55.9	60.7	60.9	53.7	41.2	33.8	21.1	38.6
	S D	14.757	15.127	12.155	10.820	10.237	8.070	7.081	6.912	8.954	10.448	10.999	13.776	19.941
	TOTAL OBS	926	842	930	880	838	834	921	921	900	926	861	928	10707
18-20	MEAN	11.7	14.4	25.1	33.5	46.9	55.3	60.7	60.4	52.7	39.7	32.7	19.7	37.7
	S D	15.473	15.823	11.594	10.156	9.995	7.600	6.437	6.436	8.419	9.906	10.644	14.289	20.176
	TOTAL OBS	927	845	927	881	840	837	919	920	900	930	863	928	10717
21-23	MEAN	10.9	13.3	23.9	32.7	45.6	53.4	58.9	58.6	50.9	38.6	32.1	19.1	36.2
	S D	15.842	16.414	11.724	10.012	9.263	7.296	6.201	6.481	8.526	10.100	10.874	14.883	19.964
	TOTAL OBS	924	845	926	878	779	777	859	918	897	929	861	923	10516
ALL HOURS	MEAN	11.0	13.3	23.8	32.7	46.0	54.3	59.4	59.3	51.7	39.5	32.7	19.5	36.7
	S D	16.400	16.472	12.836	10.591	9.978	7.933	7.036	7.192	9.114	10.487	10.954	14.687	20.408
	TOTAL OBS	7382	6750	7414	7019	6481	6460	7122	7339	7173	7426	6878	7426	84870

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

727	ATERTOWN Y	74-83	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	99.9	98.9	95.9	86.1	67.1	41.6	17.5	76.4	921
	03-05	100.0	100.0	100.0	99.5	97.2	88.6	66.[illegible]	40.9	15.7	76.6	921
	06-08	100.0	100.0	99.9	98.9	95.9	86.3	66.4	41.2	16.9	76.5	922
	09-11	100.0	100.0	100.0	98.6	93.8	81.5	63.2	38.5	16.3	74.5	918
	12-14	100.0	100.0	99.8	96.5	87.8	71.0	53.4	32.3	12.7	70.8	923
	15-17	100.0	100.0	99.6	96.9	87.5	71.9	52.4	31.6	13.[illegible]	70.7	926
	18-20	100.0	100.0	99.9	98.9	93.7	82.8	62.5	40.1	16.1	74.5	927
	21-23	100.0	100.0	99.8	98.6	95.6	85.9	64.5	41.1	19.6	76.1	924
TOTALS		100.0	100.0	99.9	98.4	93.4	31.8	61.7	38.4	16.5	74.6	7382

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

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]7	[illegible]ATERTOWN NY	74-83	FEB

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	100.0	98.3	93.0	82.6	66.9	43.7	16.9	75.6	844
	03-05	100.0	100.0	100.0	99.4	96.0	83.4	68.5	45.7	17.2	76.5	845
	06-08	100.0	100.0	100.0	99.4	96.2	84.6	67.9	45.4	18.2	76.7	844
	09-11	100.0	100.0	99.8	96.8	87.7	72.7	55.5	33.6	13.9	71.7	843
	12-14	100.0	100.0	99.3	93.6	79.1	62.5	41.3	23.0	9.0	66.6	842
	15-17	100.0	100.0	98.8	93.2	79.6	63.8	43.3	26.5	10.0	66.9	842
	18-20	100.0	100.0	99.8	97.3	89.5	74.7	58.1	36.0	12.4	72.3	845
	21-23	100.0	100.0	99.9	98.3	93.3	81.3	64.4	42.2	15.5	75.1	845
TOTALS		100.0	100.0	99.7	97.0	89.2	75.7	58.2	37.0	14.1	72.7	6750

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RELATIVE HUMIDITY

727	ATERTOWN NY	74-83	MAR
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%		
MAR	00-02	100.0	100.0	100.0	98.3	94.5	84.6	69.0	46.4	17.3	76.6	925
	03-05	100.0	100.0	100.0	99.1	94.1	86.7	70.1	46.6	19.4	77.2	923
	06-08	100.0	100.0	99.9	99.2	94.2	83.6	68.9	47.4	19.8	76.9	925
	09-11	100.0	100.0	99.1	94.8	81.1	66.5	49.7	31.5	11.0	69.2	929
	12-14	100.0	100.0	97.6	89.6	73.7	54.9	39.3	25.8	9.7	64.7	929
	15-17	100.0	100.0	97.7	90.1	73.4	55.2	39.5	27.0	10.6	64.9	930
	18-20	100.0	100.0	99.9	96.8	88.9	73.4	54.6	33.0	14.2	71.6	927
	21-23	100.0	100.0	100.0	97.6	94.1	82.9	64.3	40.9	15.3	75.2	926
TOTALS		100.0	100.0	99.3	95.7	86.8	73.5	56.8	37.4	14.5	72.0	7414

CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

RELATIVE HUMIDITY

727	WATERTOWN NY	74-83	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%		
	00-02	100.0	100.0	99.9	98.9	92.9	83.2	70.0	44.6	15.9	76.[illegible]	67[illegible]
	03-05	100.0	100.0	100.0	98.7	92.8	86.6	72.4	52.4	13.6	77.3	674
	06-08	100.0	100.0	100.0	98.1	92.7	83.0	67.0	40.8	12.0	75.1	672
	09-11	100.0	100.0	98.9	89.4	74.2	54.5	38.4	21.6	6.5	63.9	576
	12-14	100.0	99.9	95.3	80.7	61.7	45.2	31.1	18.9	7.7	59.7	579
	15-17	100.0	99.9	93.6	78.4	59.9	42.2	29.5	18.4	6.1	58.6	633
	18-20	100.0	100.0	98.8	91.3	78.8	60.7	42.9	23.5	6.6	66.0	851
	21-23	100.0	100.0	100.0	99.2	91.5	78.6	60.8	37.6	10.7	73.[illegible]	678
TOTALS		100.0	100.0	98.3	91.6	80.6	66.6	51.5	32.2	9.7	68.7	7019

USAFETAC FORM JUL 64 0-87-5 (OL A)

AL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

727	ATERTOWN NY	74-83	MAY
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%		
MAY	00-02	100.0	100.0	100.0	100.0	96.8	90.4	75.3	51.3	17.6	79.1	741
	03-05	100.0	100.0	100.0	99.9	97.9	93.4	83.4	60.1	27.3	82.[illegible]	770
	06-08	100.0	100.0	100.0	99.4	95.9	86.1	69.8	43.7	15.5	76.[illegible]	637
	09-11	100.0	100.0	99.0	92.5	79.5	58.8	37.2	18.5	4.5	64.[illegible]	637
	12-14	100.0	100.0	97.0	85.9	68.5	45.6	25.[illegible]	12.2	2.5	59.5	639
	15-17	100.0	100.0	96.5	84.0	64.2	41.9	24.8	11.6	4.1	58.5	638
	18-20	100.0	100.0	98.9	93.3	81.3	64.9	42.3	22.0	6.7	66.7	640
	21-23	100.0	100.0	100.0	99.5	95.6	85.5	70.3	40.4	17.1	76.3	779
TOTALS		100.0	100.0	98.9	94.3	85.0	70.8	53.6	32.5	11.5	70.5	6451

USAFETAC FORM JUL 64 0-87-5 (OL A)

BAL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
727	ATERTOWN NY	74-83	JUN

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	99.7	95.4	84.9	58.6	21.8	82.4	742
	03-05	100.0	100.0	100.0	100.0	99.9	96.8	89.1	67.5	23.8	83.9	770
	06-08	100.0	100.0	100.0	100.0	98.4	92.0	77.0	44.9	11.5	78.3	833
	09-11	100.0	100.0	99.9	96.6	86.1	67.1	41.2	19.7	4.0	67.4	833
	12-14	100.0	100.0	98.4	92.3	76.4	50.0	30.5	14.5	1.6	62.1	834
	15-17	100.0	100.0	98.2	89.9	72.4	47.1	27.7	14.1	2.3	62.6	834
	18-20	100.0	100.0	99.6	96.7	88.1	70.4	45.3	23.8	5.0	68.7	837
	21-23	100.0	100.0	100.0	100.0	99.4	93.3	79.4	51.1	16.2	79.6	777
TOTALS		100.0	100.0	99.5	96.9	90.1	76.5	59.4	36.8	10.8	72.9	6460

USAFETAC FORM JUN 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

...227	WATERTOWN NY	74-83	JUL
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%		
JUL	00-02	100.0	100.0	100.0	99.9	99.6	95.9	82.4	60.7	21.1	82.1	625
	03-05	100.0	100.0	100.0	100.0	99.9	96.2	83.4	65.3	27.7	84.1	856
	06-08	100.0	100.0	100.0	99.8	99.1	92.6	79.9	42.6	13.8	77.7	910
	09-11	100.0	100.0	99.9	96.7	83.7	57.3	26.7	9.5	1.3	63.[illegible]	914
	12-14	100.0	100.0	98.9	87.8	66.6	37.4	17.6	6.4	.9	57.1	918
	15-17	100.0	100.0	98.9	88.6	65.5	34.7	18.[illegible]	8.0	.9	57.[illegible]	921
	18-20	100.0	100.0	100.0	97.6	89.6	67.2	40.4	18.1	2.4	67.1	919
	21-23	100.0	100.0	100.0	99.7	99.2	95.0	79.5	49.0	12.0	79.3	659
TOTALS		100.0	100.0	99.7	96.3	87.9	72.3	53.0	32.5	10.0	70.9	7122

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	ATERTOWN NY	74-83	AUG

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
AUG	00-02	100.0	100.0	100.[illegible]	100.0	100.0	99.5	94.[illegible]	75.3	30.2	86.[illegible]	914
	03-05	100.0	100.0	100.0	100.[illegible]	100.0	99.9	96.6	81.6	35.8	88.[illegible]	917
	06-08	100.0	100.0	100.0	100.0	100.0	99.[illegible]	91.9	69.8	26.6	84.9	914
	09-11	100.0	100.0	100.0	99.6	93.8	79.1	49.5	23.0	4.9	70.[illegible]	917
	12-14	100.0	100.0	100.0	97.1	78.9	54.0	29.1	11.7	2.6	62.9	918
	15-17	100.0	100.0	99.9	96.4	76.9	49.0	28.3	12.4	3.1	62.2	921
	18-20	100.0	100.0	100.0	99.6	95.7	83.3	60.4	34.6	7.6	73.[illegible]	92[illegible]
	21-23	100.0	100.0	100.0	100.0	99.8	98.9	89.4	68.7	22.8	84.[illegible]	916
TOTALS		100.0	100.0	100.[illegible]	99.1	93.1	82.6	67.4	47.1	17.1	76.[illegible]	7339

USAFETAC FORM JUL 64 0-87-5 (OL A)

[illegible]AL CLIMATOLOGY BRANCH
ETAC
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RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]27	[illegible], NY	74-8[illegible]	[illegible]P

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
[illegible]	00-02	100.0	100.0	100.0	100.0	99.7	96.4	85.4	65.6	32.9	84.[illegible]	891
	03-05	100.0	100.0	100.0	100.0	99.7	98.7	92.4	75.6	37.4	86.4	891
	06-08	100.0	100.0	100.0	100.0	99.7	98.2	91.9	69.7	29.6	85.[illegible]	895
	09-11	100.0	100.0	100.0	99.8	95.8	80.5	55.5	28.6	8.7	72.[illegible]	899
	12-14	100.0	100.0	100.0	98.4	84.6	56.3	34.3	18.3	5.1	65.7	900
	15-17	100.0	100.0	100.0	96.0	85.3	59.3	37.1	20.6	5.7	66.5	900
	18-20	100.0	100.0	100.0	99.9	98.3	92.2	74.7	47.1	14.6	78.6	900
	21-23	100.0	100.0	100.0	100.0	99.3	96.5	87.0	66.1	28.2	83.9	897
TOTALS		100.0	100.0	100.0	99.5	95.3	85.0	73.1	49.4	23.3	78.[illegible]	7173

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[illegible]

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible]	74-[illegible]	[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
[illegible]	00-02	100.0	100.0	100.0	99.1	97.2	91.2	[illegible]	61.7	[illegible]	[illegible]	[illegible]
	03-05	100.0	100.0	100.0	99.9	[illegible]	94.1	84.7	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	929
	[illegible]-11	100.0	100.0	99.9	[illegible]	91.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	98.7	94.7	79.2	54.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]-17	[illegible]	100.0	[illegible]	94.5	77.6	[illegible]	[illegible]	21.0	[illegible]	[illegible]	[illegible]
	[illegible]	100.0	100.0	[illegible]	[illegible]	95.7	[illegible]	67.7	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]-23	[illegible]	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27.4	[illegible]	[illegible]
TOTALS		[illegible]	100.0	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23.1	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]7	[illegible] KY	74-83	NOV

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										
[illegible]	00-02	100.0	100.0	99.9	99.1	99.0	93.0	79.6	53.0	29.7	81.[illegible]	659
	03-05	100.0	100.0	100.0	99.[illegible]	97.9	[illegible]5.1	81.9	63.1	31.[illegible]	82.4	657
	06-08	100.0	100.0	100.0	99.5	98.4	93.2	81.4	62.1	33.7	82.[illegible]	653
	09-11	100.0	100.0	100.0	99.3	95.7	82.6	64.4	44.9	21.7	76.7	663
	12-14	100.0	99.9	99.7	97.2	89.7	68.5	49.4	32.9	15.5	70.9	659
	15-17	100.0	99.9	99.7	98.5	91.5	72.9	55.9	35.[illegible]	16.3	7[illegible].[illegible]	661
	18-20	100.0	99.[illegible]	99.7	99.4	98.1	9[illegible].7	72.5	51.2	20.4	79.1	663
	21-23	100.0	99.9	99.7	99.[illegible]	98.1	92.3	76.4	55.4	26.2	80.6	661
TOTALS		100.0	99.9	99.8	98.9	95.9	85.8	70.2	50.6	23.9	78.[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

TAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

727	ATERTOWN NY	74-83	DEC
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%		
DEC	00-02	100.0	100.0	100.0	99.8	97.7	91.5	75.4	52.2	25.9	80.0	930
	03-05	100.0	100.0	100.0	99.8	97.4	92.6	77.6	52.6	24.3	80.0	930
	06-08	100.0	100.0	99.9	99.4	98.0	92.3	77.3	56.0	26.4	80.6	928
	09-11	100.0	100.0	100.0	99.5	96.6	86.8	71.9	48.8	22.1	79.4	929
	12-14	100.0	100.0	99.9	98.6	92.9	78.3	59.6	38.8	15.8	74.2	930
	15-17	100.0	100.0	100.0	99.2	93.3	80.9	60.1	40.9	17.3	74.9	926
	18-20	100.0	100.0	100.0	99.9	96.9	87.5	70.7	47.3	21.6	78.0	928
	21-23	100.0	100.0	100.0	99.9	96.9	90.4	73.3	50.6	25.2	79.4	923
TOTALS		100.0	100.0	100.0	99.5	96.2	87.8	70.7	48.4	22.3	78.2	7426

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

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]27	[illegible]TERTOWN NY	74-83	ALL

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%		
JA[illegible]	ALL	100.[illegible]	100.0	99.[illegible]	98.4	93.4	81.8	61.7	38.4	16.5	74.[illegible]	7382
[illegible]		100.0	100.0	99.7	97.[illegible]	89.2	75.7	58.[illegible]	37.[illegible]	14.1	72.7	675[illegible]
[illegible]		100.0	100.0	99.3	95.7	86.8	73.5	56.3	37.4	14.5	72.[illegible]	7414
[illegible]		1[illegible].0	100.0	98.3	91.[illegible]	80.6	66.8	51.5	32.2	9.7	68.7	7[illegible]19
[illegible]		100.0	100.0	98.9	94.3	85.[illegible]	70.8	53.6	32.5	11.5	70.5	54[illegible]
J[illegible]		100.0	100.0	99.5	96.9	90.1	76.5	59.4	36.8	1[illegible].8	72.9	5400
JUL		100.0	100.0	99.7	96.3	87.9	72.3	53.[illegible]	32.5	1[illegible].0	70.9	7122
[illegible]		100.0	100.0	100.0	99.1	93.1	82.8	67.4	47.1	17.1	76.5	7339
[illegible]		100.0	100.0	100.0	99.5	95.3	85.0	70.1	49.4	20.3	76.[illegible]	7173
[illegible]		100.0	100.0	99.7	97.9	91.6	8[illegible].1	64.[illegible]	46.0	23.1	76.[illegible]	7426
NO[illegible]		100.0	99.9	99.8	98.9	95.[illegible]	85.8	70.2	50.6	23.9	78.4	567[illegible]
DEC		100.0	100.[illegible]	100.0	99.5	96.2	87.8	70.7	48.4	22.3	78.[illegible]	742[illegible]
TOTALS		100.0	100.0	99.6	97.1	9[illegible].4	78.2	61.5	40.7	16.2	74.1	848[illegible]

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F — PRESSURE SUMMARY

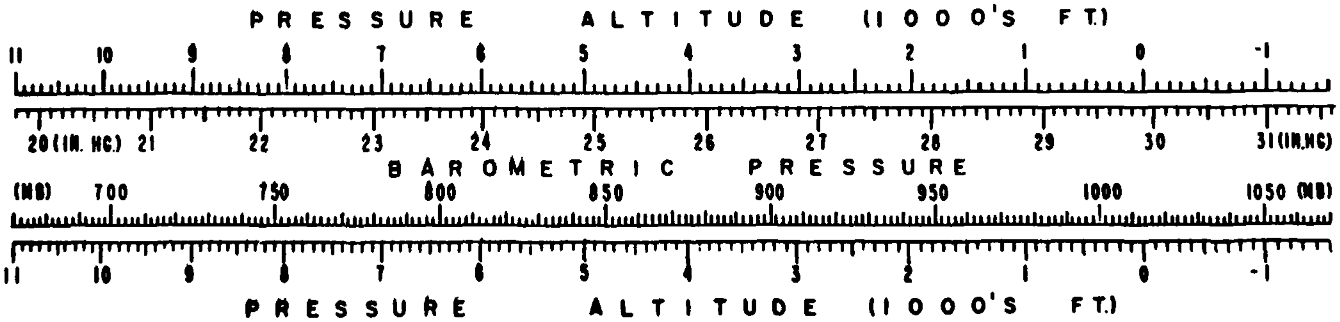
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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

726227 WATERTOWN NY 74-83

STATION STATION NAME YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
	MEAN	29.620	29.657	29.594	29.582	29.578	29.573	29.594	29.650	29.660	29.676	29.639	29.644	29.623
1	S.D	.309	.289	.265	.231	.169	.182	.143	.135	.175	.251	.265	.290	.237
	TOTAL OBS	310	282	309	299	278	269	279	310	298	310	300	310	3554
	MEAN	29.625	29.652	29.589	29.576	29.581	29.574	29.594	29.646	29.656	29.673	29.639	29.650	29.622
4	S.D.	.312	.292	.265	.240	.170	.188	.147	.139	.179	.255	.268	.293	.240
	TOTAL OBS	310	282	309	299	277	269	279	310	298	310	300	310	3553
	MEAN	29.628	29.666	29.609	29.602	29.605	29.602	29.615	29.670	29.678	29.692	29.652	29.660	29.640
7	S.D.	.320	.296	.268	.248	.181	.195	.149	.144	.183	.259	.270	.290	.242
	TOTAL OBS	310	282	310	299	310	300	310	310	300	310	300	310	3651
	MEAN	29.649	29.686	29.617	29.609	29.609	29.607	29.619	29.675	29.683	29.704	29.666	29.679	29.650
10	S.D.	.329	.297	.274	.252	.182	.192	.149	.147	.189	.261	.273	.296	.246
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	29.610	29.659	29.592	29.589	29.590	29.590	29.603	29.661	29.660	29.674	29.635	29.641	29.625
13	S.D.	.326	.296	.275	.244	.176	.187	.146	.137	.186	.257	.268	.291	.242
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	29.609	29.645	29.569	29.569	29.568	29.570	29.580	29.640	29.638	29.659	29.630	29.639	29.609
16	S.D.	.319	.290	.271	.233	.173	.180	.143	.132	.180	.253	.259	.286	.236
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	29.626	29.661	29.582	29.575	29.566	29.568	29.576	29.638	29.647	29.676	29.644	29.653	29.617
19	S.D.	.310	.286	.265	.224	.169	.175	.139	.128	.173	.251	.255	.283	.232
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	29.630	29.665	29.594	29.591	29.581	29.578	29.595	29.655	29.661	29.685	29.643	29.652	29.629
22	S.D.	.308	.285	.263	.226	.162	.181	.138	.128	.173	.250	.259	.286	.233
	TOTAL OBS	310	282	310	300	280	270	279	310	300	310	300	309	3560
	MEAN	29.625	29.661	29.593	29.587	29.585	29.583	29.597	29.654	29.660	29.680	29.644	29.652	29.627
ALL HOURS	S.D.	.317	.291	.268	.238	.173	.185	.145	.137	.180	.255	.265	.289	.239
	TOTAL OBS	2480	2256	2478	2397	2385	2308	2387	2480	2396	2480	2400	2478	28925

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

725227 WATERTOWN NY 74-83

STATION STATION NAME YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV.	DEC	ANNUAL
1	MEAN	1016.0	1017.2	1014.8	1014.3	1013.9	1013.7	1014.3	1016.2	1016.7	1017.4	1016.3	1016.7	1015.6
	S.D.	10.714	10.027	9.139	7.932	5.783	6.237	4.929	4.633	6.043	8.689	9.163	10.070	8.177
	TOTAL OBS	310	282	309	299	278	269	279	310	298	310	300	310	3554
4	MEAN	1016.1	1017.0	1014.6	1014.0	1014.0	1013.7	1014.3	1016.1	1016.5	1017.3	1016.3	1016.8	1015.6
	S.D.	10.800	10.135	9.171	8.251	5.804	6.447	5.047	4.800	6.176	8.809	9.231	10.112	8.284
	TOTAL OBS	310	282	309	299	277	269	279	310	298	310	300	310	3553
7	MEAN	1016.2	1017.5	1015.4	1014.9	1014.9	1014.7	1015.0	1016.9	1017.3	1018.0	1016.7	1017.2	1016.2
	S.D.	11.090	10.259	9.255	8.523	6.199	6.654	5.106	4.954	6.306	8.964	9.326	10.087	8.364
	TOTAL OBS	310	282	310	299	310	299	310	310	300	310	300	310	3650
10	MEAN	1017.0	1018.2	1015.6	1015.2	1015.0	1014.8	1015.2	1017.1	1017.5	1018.4	1017.2	1017.9	1016.6
	S.D.	11.425	10.322	9.466	8.644	6.263	6.566	5.102	5.055	6.501	9.045	9.372	10.285	8.506
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
13	MEAN	1015.6	1017.3	1014.8	1014.5	1014.3	1014.3	1014.6	1016.6	1016.7	1017.4	1016.1	1016.6	1015.7
	S.D.	11.330	10.246	9.501	8.363	6.062	6.399	4.988	4.709	6.429	8.909	9.230	10.095	8.351
	TOTAL OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
16	MEAN	1015.6	1016.8	1014.0	1013.8	1013.6	1013.6	1013.8	1015.9	1015.9	1016.8	1016.0	1016.5	1015.2
	S.D.	11.031	10.073	9.353	8.003	5.929	6.139	4.904	4.542	6.208	8.741	8.911	9.906	8.162
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	1016.1	1017.3	1014.4	1014.0	1013.6	1013.5	1013.7	1015.8	1016.2	1017.4	1016.4	1016.9	1015.4
	S.D.	10.726	9.945	9.162	7.678	5.783	5.983	4.765	4.427	5.933	8.685	8.805	9.805	8.030
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
22	MEAN	1016.3	1017.5	1014.8	1014.6	1014.0	1013.8	1014.3	1016.4	1016.7	1017.7	1016.4	1016.9	1015.8
	S.D.	10.645	9.871	9.067	7.745	5.573	6.174	4.795	4.400	5.937	8.661	8.934	9.917	8.058
	TOTAL OBS	310	282	310	300	280	270	279	310	300	310	300	309	3560
ALL HOURS	MEAN	1016.1	1017.3	1014.8	1014.4	1014.2	1014.0	1014.4	1016.4	1016.7	1017.6	1016.4	1016.9	1015.8
	S.D.	10.966	10.103	9.265	8.149	5.950	6.339	4.975	4.709	6.205	8.813	9.118	10.030	8.253
	TOTAL OBS	2480	2256	2477	2397	2385	2306	2387	2480	2396	2480	2400	2478	28922

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