

AD-A198 355

FT DRUM NEW YORK LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOS) PARTS 8-17(1) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. SEP 87
USAFETAC/DS-87/89

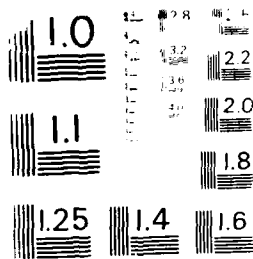
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Resolution Test Chart
NBS 1963-A

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USNY 743 DCC

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OPERATING LOCATION - A

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Air Weather Service (MAC)



"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCs"

FT DRUM NY MSC #743700
N 44 00 W 075 44 ELEV 690 FT GTB

PARTS A - F HOURS SUMMARIZED: 0600 1700

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 78 - APR 87
SUMMARY OF DAY DATA: MAY 44 - AUG 46,
MAY 70 - AUG 74,
SEP 48 - APR 87

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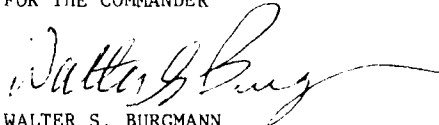
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REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-87/057, FT. DRUM NY LISOCS Sep 1987, is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER

A handwritten signature in cursive script, appearing to read "Walter S. Burmann", with a long horizontal flourish extending to the right.

WALTER S. BURGMANN
Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

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18. Subject Terms: *climatology *weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity psychrometric data visibility ceiling Limited Surface Observations Climatic Summary(LISOCS); Ft Drum NY; Army Experimental Station, Pine Camp, NY; Wheeler Sack Field, NY; New York; USNY743700.

19. Abstract: A statistical data summary of surface weather observation climatology: Ft. Drum NY. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for use.

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22a. Name of Responsible Individual: Marianne L. Cavanaugh

22b. Telephone: (618)256-2625.

22c. Office Symbol: USAFETAC/LDD.

DD FORM 1473 UNCLASSIFIED

STATION	
DATE	
TIME	
BY	
REMARKS	
A-1	

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NUMBER: 747700 STATION NAME: FT DRUM NY

CALL ID: KGTB

PERIOD OF RECORD:

HOURS SUMMARIZED: 0600 - 1700 LST

FOURLY OBSERVATIONS: JAN 78 - APR 67

SUMMARY OF DAY DATA: JAN 44 - AUG 48, MAY 70 - AUG 74, SEP 78 - APR 87

TIME CONVERSION LST TO GMT: +5

DATE PROCESSED: 6 AUG 87

LOW OBSERVATION COUNTS PREVAIL THROUGHOUT THESE SUMMARIES. IN THE EARLY 1950'S AND THE 1960'S SOME SUMMER MONTHS CONTAINED OBSERVATIONS ON A LIMITED BASIS WHICH DETRACTED MORE IN THE TOTALS AND STATISTICS THAN IN PROVIDING USEFUL SUMMARIZED DATA. THEREFORE, THESE VERY LIMITED PERIODS WERE NOT USED. NO OBSERVATIONS WERE AVAILABLE FOR THE PERIODS OCT 74 - DEC 77 AND MAR 78 - AUG 78. FOR THE REMAINDER OF THE SUMMARIZED PERIOD THE OBSERVATION COUNTS VARIED FROM 5 TO 31 DAYS PER MONTH WITH MOST COUNTS FALLING IN THE RANGE OF 18 - 21 DAYS. THE AVERAGE NUMBER OF FOURLY OBSERVATIONS REPORTED FOR THESE DAYS ARE 9 - 10. THEREFORE, ALL USERS OF THESE SUMMARIES MUST FAMILIARIZE THEMSELVES WITH THESE STATED FACTS AND SUBSEQUENT CAVEAT PAGES.

GL-4/USAFETAC/AFCAAWS
ASHEVILLE NC 28701

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--LSSWS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUPPLEMENTAL DATA: DATA DERIVED FROM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE LSSWS IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 (EST).

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (LSSWS01).

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PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

AWSMNO NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 4-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.

STATION NO OR SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV (FT)		CAL. SIGN		WMO NUMBER	
743700		t. Drum/Wheeler Sack		N 44 03		075 44		680 Ft		MGTB			
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS #/# DAY				
			FROM	TO			FIELD (FT)	WT BARD					
1.	Army Experimental Station - Pine Camp, New York	AES	May 44	Aug 45	N 44 03	W 075 43	633 FT	UNKN	24				
2.	Wheeler Sack Field	AAF	Dec 51	Sep 60	Same	Same	695 FT	UNKN	VARIES				
3.	Wheeler Sack/Camp Drum New York	AAF	May 61	Sep 64	Same	W 075 44	700 FT	702					
4.	Same	AAF	May 66	Sep 68	Same	Same	703 FT	NA					
5.	Same	AAF	Apr 69	Sep 69	Same	W 075 43	690 FT	NA					
6.	Same	AAF	Apr 70	Sep 74	Same	W 075 44	690 FT	NA					
7.	Fort Drum/Wheeler Sack New York	AAF	Sec 78	Apr 97	N 44 03	W 075 44	680 FT	NA					
Above periods of record are broken as field was closed at various times													
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS ADDITIONAL EQUIPMENT OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
1	May 44	Unknown	UKN	UKN	UKN								
2	May 61	Control Tower Roof	AN/TMQ-1	None	60 Ft								
3	May 62	Same	AN/GMQ-1	None	60 Ft								
4	May 64	200 yds North of Station	Ro-2C-GMQ	Ukn	UKN								
5	SEP 66	Near intersection Rnwys 26 & 33	GMQ-11	RO-2	12 Ft								
6	Apr 69	Same	GMQ-11	RO-2	13 Ft								
7	May 74	Same	Same	Same	13 Ft								

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CONTINUED ON REVERSE SIDE

PPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	AA/AAA
PPPPPP	AAAAAAA	RRRRRRR	TTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPP	AAAAAAA	RRRRRRR	TTTTTTTT	AAAAAAA
PPPPPP	AAAAAAA	RR RR	TT	AAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZED): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET: SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS, AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .0% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE.
2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE AFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
 CSAFLIAC
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: JAN

HOURS (LST)	TSTMS	RAIN	FRZING	SNOW	FAIL	% OBS	FOG	SMOKE	BLOWING	DUST	% OBS	TOTAL
		E/DR DRIZZLE	RAIN DRIZZLE	E/DR SLEET		WITH PRECIP		E/DR HAZT	SNOW	E/DR SAND	W/OBST TO VISION	
00-05												
05-10												
10-15		3.3	3.1	31.8		36.6	10.6	.9	5.9		17.2	424
15-20		4.6	1.1	35.5		39.6	19.0	1.4	6.6		22.0	651
20-25		4.7	.3	33.5		37.5	13.3		6.1		19.3	638
25-30		3.9	.4	30.3		34.2	12.3	1.0	4.3		17.2	512
30-35												
TOTALS		4.1	1.2	32.8		37.0	12.6	.8	5.7		18.9	2225

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: FEB

HOURS (LST)	TSTMS	RAIN	FRZING	SNOW	FAIL	% OBS	FOG	SMOKE	BLOWING	DUST	% OBS	TOTAL
		E/DR DRIZZLE	RAIN DRIZZLE	E/DR SLEET		WITH PRECIP		E/DR HAZT	SNOW	E/DR SAND	W/OBST TO VISION	
00-05												
05-10												
10-15		3.6	.7	26.0		29.5	14.2	1.7	2.8		18.7	288
15-20		4.9	.3	26.6		31.6	19.1	2.4	2.7		23.4	566
20-25		7.0	.9	23.6		29.9	13.4	4.2	2.4		19.8	575
25-30		7.6	1.2	23.2		31.1	12.7	3.4	2.4		17.6	409
30-35												
TOTALS		5.0	.8	24.9		30.5	14.9	2.9	2.6		19.9	1858

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM VV

PERIOD OF RECORD: 79-87
 MONTH: MAR

FOURS (LST)	TSTMS	RAIN L/DR DRIZZLE	FRZING RAIN L/DR DRIZZLE	SNOW L/DR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		10.1	.7	14.3		24.1	19.2	.7	.7		20.3	286
09-11		7.2	.5	16.5		23.5	16.7	2.0	1.7		19.5	599
12-14		6.3	.2	14.7		22.5	10.7	1.7	1.5		13.7	599
15-17		9.5	.2	14.9		24.2	10.3	1.5	2.2		13.9	409
18-20												
21-23												
TOTALS		8.6	.4	15.1		23.6	14.2	1.5	1.5		16.9	1893

STATION NUMBER: 743700 STATION NAME: FT DRUM VV

PERIOD OF RECORD: 79-87
 MONTH: APR

FOURS (LST)	TSTMS	RAIN L/DR DRIZZLE	FRZING RAIN L/DR DRIZZLE	SNOW L/DR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.3	14.2		8.1		21.3	11.9	1.6	1.3		13.9	310
09-11		17.9		8.2		25.9	11.6	1.4	1.6		14.3	559
12-14	.2	17.7		7.2		24.4	8.6	2.2	.9		11.5	556
15-17		14.1		5.7		19.6	6.0	1.6	.5		8.2	368
18-20												
21-23												
TOTALS	.1	16.0		7.3		22.8	9.5	1.7	1.1		12.0	1795

GLOBAL CLIMATE DATA CENTER
 USAF/ETC
 AIR WEATHER SERVICE/25A

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 7457	STATION NAME: FT DRUM NY	PERIOD OF RECORD: 74-86											TOTAL
		MONTH: MAY											
GROUPS (LIST)	TOTMS	RAIN L/DR	FRZING RAIN L/DR	SNOW L/DR SLEET	HAIL	W OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	W OBS W/OBS TO VISION	W OBS TO VISION	TOTAL OBS
05-06	1												
06-08	1												
08-09	1												
09-11	1												
12-18	1												
15-17	1												
18-21	1												
21-23	1												
TOTALS	1	26	14.2		4.3	4.1	14.6	12.4	4.2		4.1	16.3	11.91

STATION NUMBER: 7457	STATION NAME: FT DRUM NY	PERIOD OF RECORD: 74-86											TOTAL
		MONTH: JUN											
GROUPS (LIST)	TOTMS	RAIN L/DR	FRZING RAIN L/DR	SNOW L/DR SLEET	HAIL	W OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	W OBS W/OBS TO VISION	W OBS TO VISION	TOTAL OBS
05-07	1												
08-08	1												
08-10	1												
09-11	1												
12-18	1												
15-17	1												
18-20	1												
21-23	1												
TOTALS	1	45	11.0				11.0	12.7	9.6		4.1	21.1	22.21

GLOBAL CLIMATOLOGY BRANCH
USAF/FLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
MONTH: JUL

HOURLY (UST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.2	0.9				0.9	19.5	14.6			09.9	541
09-11	1.5	0.1				0.1	9.7	14.3			13.3	670
12-14	1.1	0.3				0.5	5.7	12.3			17.9	513
15-17	1.9	9.0				9.0	9.0	12.6			17.1	360
18-20												
21-23												
TOTALS	4.8	7.1				7.1	9.0	13.5			22.0	2248

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
MONTH: AUG

HOURLY (UST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.7	8.5				8.5	35.5	12.5			41.4	519
09-11	1.3	0.0				0.8	16.1	16.4			28.4	653
12-14	1.8	7.0				7.0	6.5	16.0			20.6	626
15-17	2.2	7.1				7.1	9.0	12.4		1.3	16.5	322
18-20												
21-23												
TOTALS	1.3	7.4				7.4	15.5	14.3		1.3	26.7	2100

GLOBAL CLIMATOLOGY BRANCH
 USAFLIAC
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: SEP

HOURS (LST)	TSTMS	RAIN	FRZING	SNOW	HAIL	% OBS	FOG	SMOKE	BLOWING	DUST	% OBS	TOTAL
		/OR DRIZZLE	RAIN /OR DRIZZLE	/OR SLEET		WITH PRECIP		/OR HAZE		/OR SNOW	/OR SAND	
00-02												
03-05												
06-08	.2	12.0				12.6	31.6	6.0			75.5	414
09-11	.4	11.9				11.9	10.7	5.6			78.4	557
12-14	.4	12.5				12.5	8.3	5.6			73.6	554
15-17	.5	14.7				14.7	9.7	5.1			74.7	277
18-20												
21-23												
TOTALS	.4	12.8				12.8	15.7	5.6			73.2	1753

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: OCT

HOURS (LST)	TSTMS	RAIN	FRZING	SNOW	HAIL	% OBS	FOG	SMOKE	BLOWING	DUST	% OBS	TOTAL
		/OR DRIZZLE	RAIN /OR DRIZZLE	/OR SLEET		WITH PRECIP		/OR HAZE		/OR SNOW	/OR SAND	
00-02												
03-05												
06-08	.5	13.7		.5		14.2	33.0	.7			73.5	415
09-11		15.2		1.0	.2	16.4	15.8	4.3			74.3	584
12-14		15.8		.9		16.5	11.6	2.9			74.3	587
15-17		11.2		.8		11.9	10.0	1.5			71.2	260
18-20												
21-23												
TOTALS	.1	14.0		.8	.1	14.8	17.6	2.4			74.6	1846

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 74-86
MONTH: NOV

HOURS (LST)	IS TMS	RAIN L/DR DRIZZLE	FRZING RAIN L/DR DRIZZLE	SNOW L/DR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-01												
01-02												
02-03		16.3		8.6		24.0	24.0	1.4			15.3	211
03-04		17.7	.2	12.2		29.1	22.1	3.8	.6		15.9	496
04-05		16.0	.2	11.3		25.9	15.9	3.0	1.0		19.0	455
05-06		15.0		11.7		26.9	14.3	2.9	.9		17.5	349
06-07												
07-08												
08-09												
09-10												
10-11												
11-12												
12-13												
13-14												
14-15												
15-16												
16-17												
17-18												
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20-21												
21-22												
22-23												
23-24												
TOTALS		16.4	.1	11.0		26.4	19.0	2.8	.6		21.9	1563

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
MONTH: DEC

HOURS (LST)	IS TMS	RAIN L/DR DRIZZLE	FRZING RAIN L/DR DRIZZLE	SNOW L/DR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-01												
01-02												
02-03												
03-04												
04-05		10.0	.6	32.4		42.1	21.6		3.9	.4	15.5	259
05-06		6.0	1.6	34.0		42.7	19.7	.4	4.9		24.6	553
06-07		9.0	.6	29.1		36.4	15.9	1.6	3.4		18.3	502
07-08		.3	11.9	.3	25.3	34.9	16.7	.3	1.0		17.6	312
08-09												
09-10												
10-11												
11-12												
12-13												
13-14												
14-15												
15-16												
16-17												
17-18												
18-19												
19-20												
20-21												
21-22												
22-23												
23-24												
TOTALS		.1	13.2	.6	30.2	39.5	18.0	.6	3.3	.1	21.6	1626

GLOBAL CLIMATELOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743765 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 76-87
 MONTH: ALL

	FOUR HOURS (LST)	ISMS	RAIN E/0R DRIZZLE	FRZING RAIN E/0R DRIZZLE	SNOW E/0R SLEET	HAZ E/0R	% OBS WITH PRECIP	FOG	SMOKE E/0R HAZE	BLOWING SNOW	DUST E/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	ALL		4.1	1.2	32.8		37.0	12.6	.8	5.7		18.9	2225
FEB			5.0	.8	24.9		30.5	14.9	2.9	2.6		19.9	1858
MAR			8.0	.4	15.1		23.6	14.2	1.5	1.5		16.9	1893
APR		.1	16.0		7.3		22.8	9.5	1.7	1.1		12.0	1795
MAY		.6	14.2		.3	.1	14.6	12.4	4.2		.1	16.3	2091
JUN		.5	11.0				11.0	12.7	9.6		.1	21.1	2221
JUL		.8	7.1				7.1	9.6	13.5			22.0	2246
AUG		1.3	7.4				7.4	15.5	14.3		.1	26.7	2100
SEP		.4	12.8				12.8	15.1	5.6			20.0	1755
OCT		.1	14.0		.8	.1	14.8	17.6	2.4			19.6	1846
NOV			16.4	.1	11.0		26.4	19.0	2.8	.6		21.9	1563
DEC		.1	10.2	.8	30.2		39.5	18.0	.6	3.3	.1	21.6	1626
TOTALS		.3	10.7	.3	10.2	.0	20.6	14.3	5.0	1.2	.0	19.7	23221

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SEE SUPPLEMENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES.

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BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN 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.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIES EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATE DATA CENTER
 USAF/ETAC
 AIR WEATHER SERVICE/ZML

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743701 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 74-87
 MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55		
N	1.7	2.8	2.1									6.6	5.3
NNE	.2	1.2	1.4	.2	.5							3.5	8.8
NE	.5	.7	.9									2.1	5.8
ENE	.2		.2									.5	5.0
E	.5			.2								.7	6.0
ESE	.9	1.9	.5	.2								3.5	5.3
SE	3.1	3.5	5.2	2.1	.7							14.6	7.4
SSE	.5	1.4	1.7	1.9	1.2							6.6	10.7
S	.5	.7	.7	.7	.2							2.8	8.5
SSW	.2	.7	1.4	.9								3.3	8.7
SW	.7	.9	2.6	2.4	.9							7.5	10.0
WSW	.7	.7	1.4	.9								3.8	7.9
W	3.1	4.5	4.0	3.1	2.4	.2						17.2	8.9
WNW	1.2	2.8	1.2	.7	.2							6.1	6.5
NW		.7	1.7	.5								2.8	8.2
NNW		.2	1.4									1.7	8.7
VARIABLE													
CALM	////////////////////											16.5	////
TOTALS	13.9	22.9	26.4	13.9	6.1	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 424

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAZ

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATION.

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.7	1.5	2.9	.8								6.9	6.7
NNE	1.1	2.0	2.0	.5								5.6	6.3
NE	.5	.9	.6		.5							2.5	7.8
ENE	.5	.2	.2									.8	4.2
E	.6	.8	.2									1.5	4.3
ESE	.6	.2	.8	.2								1.7	6.0
SE	2.0	3.2	4.6	1.7	.8	.2						12.5	7.9
SSE	1.2	.9	3.1	1.2	.3	.2	.2					7.1	9.2
S	.5	.1	1.7	.9	.3	.3						4.2	10.4
SSW	.3	1.1	.8	.5	.2							2.8	7.7
SW	.2	.9	1.4	2.3	.5							5.2	11.0
WSW	.5	1.2	2.9	2.9	.2							7.9	9.8
W	1.2	3.2	5.1	5.9	1.5	.5						17.4	10.2
WNW	.9	1.5	2.0	1.7	.2							6.3	8.2
NW	.2	1.8	1.4	.3								3.7	7.1
NNW	.2	.9	1.7	.5								3.2	8.0
VARIABLE													
CALM	////////////////////											10.8	////
TOTALS	12.0	21.0	31.3	19.3	4.5	1.1	.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 549

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: JAN HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.0	3.1	3.3	.6								9.1	6.2
NNE	.9	1.3	1.6	1.7								5.5	8.1
NE		.6	.3	.2								1.1	7.1
ENE	.9		.3									1.2	3.1
E	.3											.3	2.5
ESE	.6	.5	.2	.3								1.6	5.6
SE	.3	1.4	2.5	1.6	.6							6.4	10.0
SSE	.6	1.7	1.3	1.3	.3							5.2	6.1
S	.3	.9	1.9	.6	.5	.2						4.9	9.1
SSW	.2	.3	.8	1.3	.3							2.8	11.0
SW	.2	.9	1.9	1.9	.8	.2						5.9	10.8
WSW	.3	2.2	3.9	3.1	.8							10.3	9.6
W	1.3	2.2	7.7	6.1	1.7	.9						19.7	10.8
WNW	.9	1.1	3.8	2.2	.3		.2					8.5	9.4
NW	.5	1.9	3.0	.2								5.6	6.8
NNW	.5	2.2	1.4	.3								4.5	5.9
VARIABLE													
CALM	////////////////////											7.5	////
TOTALS	10.5	20.4	33.7	21.3	5.3	1.1	.2					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 638

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.6	4.1	3.1	1.2								10.0	6.9
NNE	1.0	1.4	2.3	.6	.2							5.5	7.3
NE		.7	.2	.2								.6	8.7
ENE			.2									.2	7.0
E		.7										.2	4.0
ESE		.4	.4									.6	7.3
SE	1.0	2.1	2.1	1.0	.4	.2						6.8	8.0
SSE	.8	1.8	1.0	1.4	.2							5.1	8.2
S	.2	1.6	1.6	.2	.4	.2						4.1	8.8
SSW	.2	.4	1.8	.6		.2						3.1	9.3
SW	1.2	.6	2.1	1.0								4.9	7.6
WSW	.5	2.7	2.5	2.1	.8	.4	.2					9.4	10.5
W	2.7	5.7	9.0	4.7	1.0	.6						23.6	8.9
WNW	1.2	1.6	3.5	1.6	.4							8.2	8.4
NW	.4	1.2	1.8	1.0								4.3	7.9
NNW	1.0	2.9	1.2									5.1	5.4
VARIABLE													
CALM	////////////////////											8.2	////
TOTALS	11.7	26.8	12.8	15.4	3.3	1.6	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 512

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/HAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 74-87
 MONTH: JAN HOURS(DST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	GE 56
N	1.8	2.4	2.9	.7								8.2	6.3
NNE	.9	1.5	1.8	.6	.1							5.1	7.4
NE	.2	.6	.5	.1	.1							1.6	7.2
ENE	.4	.0	.2									.7	5.9
E	.4	.3	.0	.0								.7	4.4
ESE	.5	.6	.4	.2								1.8	5.8
SE	1.5	2.5	3.6	1.6	.6	.1						9.9	8.2
SSE	.8	1.4	1.8	1.4	.4	.0	.0					6.0	9.1
S	.5	.9	1.5	.6	.4	.2						4.1	9.3
SSW	.2	.6	1.1	.8	.1	.0						3.0	9.2
SW	.5	.9	1.9	1.9	.5	.0						5.8	10.1
WSW	.5	1.8	2.8	2.4	.5	.1	.0					9.1	9.8
W	1.9	3.7	6.5	5.1	1.6	.5						19.5	9.8
WNW	1.0	1.7	2.7	1.6	.3		.0					7.3	8.4
NW	.3	1.5	2.0	.4								4.2	7.3
NNW	.4	1.6	1.4	.2								3.7	6.5
VARIABLE													
CALM	////////////////////											13.3	////
TOTALS	11.7	22.5	31.4	17.9	4.8	1.0	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 2223

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: FEB HOURS(LST): 0600-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.7	2.1	2.4	.5								5.2	6.7
NNE	.7	3.1	1.4									4.9	5.8
NE	1.7	.7	.7	.7								3.1	6.8
NNE	.7		.3	.7								1.7	8.0
E	.7	1.0										1.4	4.0
ESE	1.4	2.1	2.1									5.6	5.4
SE	2.1	3.8	4.5	.7	.5							11.1	6.5
ESE	.5	1.7	2.8			.5						5.2	7.4
S	.5		3.1	1.0	.5							3.8	10.2
SSW	1.0	1.7	.7	.5								3.1	6.1
SW	.7	.7	.7	.7								2.8	7.1
WSW	.7	1.4	1.7	.5	.5	.5						4.9	8.3
W	1.4	4.9	3.1	1.0	.5							10.8	7.0
WNW	1.7	2.4	1.7	1.4								7.3	7.1
NW	1.0	1.4	1.7	.5								4.5	6.0
NNW	1.0	1.7	.5									3.1	4.4
VARIABLE													
CALM	////////////////////											21.2	////
TOTALS	14.6	28.1	26.4	7.6	1.4	.7						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: FEB HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-60			
N	1.0	3.9	2.9	.5								8.3	6.2
NNE	.5	2.7	2.6	.7								6.5	6.0
NE	.9	1.7	1.0	.9								4.5	7.1
ENE	.2	.5	.2	.2								1.1	7.7
E	1.0	.9	.5	.5								2.9	6.2
ESE	1.2	.7	.9	.5								3.3	7.0
SE	1.9	2.4	4.8	2.4	.9							12.4	6.2
SSE	1.4	1.7	2.4	.7								6.2	6.7
S	.5	.9	.9	1.0	.5							3.8	9.0
SSW	.7	.9	1.0	1.0								3.6	9.0
SW	.9	1.0	1.9	.5	.2							4.5	7.5
WSW	.7	1.7	2.6	.9	.5							6.4	6.1
W	1.4	3.0	4.6	2.7	.5	.3						13.5	4.5
WNW	.5	1.5	1.7	.5								4.2	6.9
W	.7	2.7	1.3	.5								5.2	6.5
WNW	1.4	1.7	2.2									5.3	5.7
VARIABLE													
CALM	////////////////////											17.9	////
TOTAL	19.2	27.6	31.1	13.6	2.6	.5						107.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 586

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-97
 MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.7	4.7	4.0	1.4	.2							12.0	6.8
NNE	.7	1.7	2.8	1.2								6.4	7.5
NE	.7	.5	1.0	.3	.2							2.8	7.6
ENE	.9	.5	.2									1.6	7.5
E			.5	.3								.9	11.4
ESE	.7	.5	.3	.2								1.2	6.5
SE	.5	1.7	3.8	.9	.7							7.7	8.9
SSE	.2	.9	1.0	.7	.5							3.3	9.4
S	.3	.9	.9	2.1	.5							4.7	11.0
SSW	.5	.7	1.7	1.6								4.5	9.3
SW		.9	1.6	4.0	.3	.2						7.0	11.7
WSW	.9	1.2	3.8	1.6		.5						8.0	9.2
W	.5	4.3	6.4	4.5	.3	.2						16.3	8.9
WNW	1.2	2.3	3.0	1.4								7.8	7.4
NW	.5	2.1	2.1	1.2								5.9	7.4
NNW	1.2	1.9	1.9									5.0	5.6
VARIABLE													
CALM	////////////////////											4.9	////
TOTALS	10.1	24.9	35.1	21.4	2.8	.2						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 575

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: FEB HOURS/DAY: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.5	2.0	3.9	1.0								7.3	9.1
NNE	1.0	2.9	2.4	1.0								7.3	6.4
NE	1.5	1.0	1.0	.5	.5							4.4	7.2
ENE	.2	.5	.2	.5								1.5	6.7
E		.2	.2		.5							1.0	12.0
ESE	.2		.2									.5	5.0
SE		1.7	1.0	1.7	.5							4.9	10.1
SSE		.2	2.2	.7	.2	.2						3.7	10.4
S		.2	2.0	.7	.2							3.7	10.1
SSW	.5	1.2	1.7	.7								4.7	7.9
SW		1.0	3.2	1.2								5.4	8.7
WSW	.5	2.2	3.7	3.2	1.0							10.5	9.9
W	.7	4.4	8.3	5.6	.2	.2						19.6	7.1
WNW	1.0	2.4	1.7	1.2								6.4	7.7
NW	2.2	2.6	2.7	.5								7.5	6.1
NNW	1.5	2.2	1.7	1.0								6.4	6.5
VARIABLE													
CALM	////////////////////											6.6	////
TOTALS	9.8	24.2	36.2	19.6	3.2	.5						103.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 409

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.1	3.4	3.4	.8	.1							8.8	6.8
NNE	.6	2.5	2.4	.8								6.4	6.9
NE	1.0	.9	1.0	.6	.2							3.6	7.2
ENE	.5	.4	.2	.3								1.4	6.6
E	.4	.5	.4	.3	.1							1.6	7.6
ESE	.7	.7	.8	.1								2.3	5.6
SE	1.1	2.3	3.6	1.5	.6							9.1	8.7
SSE	.5	1.1	2.0	.6	.2	.1						4.6	5.1
S	.3	.6	1.3	1.3	.4							4.0	10.4
SSW	.5	.9	1.3	1.2								4.0	8.5
SW	.4	.9	1.9	1.8	.2	.1						5.2	9.6
WSW	.7	1.6	3.1	1.5	.4	.2						7.5	9.0
W	1.0	4.3	5.8	3.7	.4	.2						15.3	8.7
WNW	1.0	2.1	2.1	1.1								6.3	7.2
NW	.9	2.0	1.8	.7								5.4	6.6
NNW	1.3	1.9	1.7	.2								5.1	5.8
VARIABLE													
CALM	////////////////////											9.5	////
TOTALS	12.0	26.1	32.7	16.5	2.6	.6						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 1858

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: MAR HOURS(LST): 0600-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.4	2.8	3.8	1.7								10.8	6.5
NNE		.7	1.7	.7	.3							3.5	9.1
NE	.7		1.0	.3								2.1	7.2
ENE	.3	1.0	.7	.3								2.4	6.1
E	1.4											1.4	2.5
ESE	2.4	4.2	1.7	.3								9.7	5.3
SE	1.7	6.3	5.9	1.7	.3							16.1	7.4
SSE	1.0	1.0	2.4	3.5	.7							8.7	9.6
S		.7	.7	.3	.7							2.4	10.9
SSW	1.0	.3	.3	1.0	.3							3.1	8.3
SW		.7	1.0	1.4								3.1	9.8
WSW	.7	1.7	2.1	2.1	1.0	.3						8.0	10.5
W	2.1	2.1	1.4	3.1	.7							9.4	8.4
WNW	1.0	.3	.7	.3	.3							2.8	8.0
NW	.7	.3	.3	.3								1.7	6.2
NNW	1.0	.7	.7	.3								2.8	5.8
VARIABLE	////////////////////////////////////											12.6	////
CALM	////////////////////////////////////											12.6	////
TOTALS	16.8	23.1	24.8	17.8	4.5	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 786

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: MAR HOURS(UT): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.2	3.5	4.8	.8								17.4	6.6
NNE	1.0	1.8	2.2	1.3	.3							6.7	7.9
NE	.7	1.2	1.0	.5								3.3	6.9
ENE	.8	.2	.5	.2								1.7	5.7
E	1.0	1.8	.5									3.3	4.7
ESE	1.3	1.5	1.5	1.0								5.3	6.8
SE	.8	3.0	4.0	4.3	.3							12.5	9.0
SSE	.8	2.3	1.5	2.5								7.2	4.8
S	.5	.8	.7	.8								2.8	4.1
SSW	.3	.5	1.0	.7	.3	.2						3.0	10.7
SW	.5	.7	1.8	.7	.3	.2						4.2	5.8
WSW	.7	1.5	3.3	3.8	.5	.2						10.0	10.4
W	.5	1.7	3.2	4.8	.8	.3						11.4	11.2
WNW		.8	1.5	1.0								3.3	4.3
NW	.7	1.0	.2	.5								2.4	5.7
NNW	.3	2.2	1.3	1.0								4.8	7.4
VARIABLE													
CALM	////////////////////											7.7	////
TOTALS	11.2	24.5	29.0	24.0	2.7	.8						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 599

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-97
 MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	3.2	6.3	.5								10.4	7.5
NNF	.3	2.5	2.0	1.8	.2							6.8	8.6
NE	.2	.3	.7	1.0	.2							2.4	9.9
ENE	.3	.2										.5	2.7
E	.5	.7	.5	.3								2.0	6.4
ESE	.2	.5	.5	1.0								2.2	8.8
SE	.7	2.0	3.5	2.3	.5							9.0	9.1
SSE	.3	2.5	1.8	2.3	.2							7.2	9.0
S	.5	.7	1.8	1.7								4.7	8.6
SSW	.3	.2	.7	.5								1.7	8.8
SW	.3	1.2	1.7	2.2	.3	.5						6.2	17.8
WSW	.5	1.3	1.8	4.8	.7	.2						9.3	11.6
W	1.0	.9	3.5	7.5	1.5	.7						15.0	12.1
WNW	.8	.7	1.5	2.0	.2							5.2	9.5
NW	.3	.9	3.0	1.5								5.7	8.8
NNW	1.2	2.2	1.9	.2								5.5	6.2
VARIABLE													
CALM	////////////////////											6.5	////
TOTALS	7.8	19.7	31.2	29.7	3.7	1.3						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 599

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GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743760 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: MAR HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.2	4.2	6.1	1.5								13.0	7.4
NNE	.5	1.0	3.9	3.4	.2							9.0	9.5
NE			.2									.2	7.0
ENE			.2									.2	8.0
E	.2	.2	.2	.5								1.2	9.2
ESE		.2	1.7	.5								2.4	7.0
SE	.5	1.0	2.2	2.0	.7							6.4	12.5
SSE	.5	1.2	2.2	2.4								6.4	8.8
S		.5	2.0	1.3								3.4	9.2
SSW	.2		2.2	.5								2.9	8.3
SW		1.7	2.0	1.2	.5	.2						5.6	9.9
WSW	.5	2.4	1.7	4.9	1.0							12.5	12.8
W	.7	1.5	4.6	7.7	1.2	1.2						16.9	12.4
WNW	.5	1.2	1.5	2.2								5.4	8.6
NW	.5	1.7	2.2	.5								4.9	7.0
NNW	.7	2.2	2.4	1.2								7.1	7.0
VARIABLE													
CALM	////////////////////										4.9	////	
TOTALS	6.1	19.6	35.5	29.3	1.7	1.5						103.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 439

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-97
 MONTH: MAR HOURS(UT): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	3.4	5.4	1.0								11.0	7.1
NNE	.5	1.7	2.4	1.8	.3							6.7	6.7
NE	.4	.5	.7	.5	.1							2.2	2.9
NNE	.4	.5	.3	.1								1.3	1.4
E	.7	.8	.4	.2								2.1	1.4
ESE	.8	1.3	1.3	.8								4.2	3.1
SE	.8	2.7	3.8	2.8	.5							10.4	6.7
SSE	.6	2.0	1.9	2.6	.2							7.3	6.9
S	.3	.7	1.3	1.1	.1							3.5	3.4
SSW	.8	.3	1.1	.6	.2	.1						2.8	2.7
SW	.3	1.3	1.7	1.4	.3	.3						5.6	3.1
WSW	.5	1.7	2.3	4.1	.7	.2						9.8	10.2
W	1.0	1.4	3.3	6.9	1.1	.5						13.4	11.0
WNW	.5	.8	1.4	1.5	.1							4.3	3.1
NW	.5	1.0	1.5	.8								3.8	2.5
NNW	.8	2.1	1.6	.7								5.2	6.5
VARIABLE													
CALM	////////////////////											7.3	////
TOTALS	9.9	21.1	30.5	27.2	3.6	1.1						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 1943

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGR:FS)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.6	1.9	4.5	1.0								8.1	7.4
NNE	1.3	1.9	4.2	1.9	.3							9.7	8.2
NE	.3	2.3	1.3	.6								4.5	6.9
ENE	1.0	1.0										1.9	4.0
E	1.3	.3	1.0									2.6	4.4
ESE	1.3	1.9	.6									3.9	4.7
SE	2.6	4.2	4.5	2.9								14.2	7.1
SSE	1.6	1.6	3.2	1.9	.3	.3						9.2	4.6
S	.3		1.0	.3	.3							1.9	10.2
SSW	.3	.3	.3	.6								1.6	4.4
SW	.6	.6	.6	.3	.3	.3						2.9	2.9
WSW	1.7	3.5	3.9	2.6	1.0		.3					12.6	9.2
W	1.7	3.5	1.9	2.6		.3						10.6	7.8
WNW	1.0	1.0	1.3	.3								3.6	6.5
NW	.6	1.6	1.0	.3								3.5	6.5
NNW	.3	.3	1.3									1.9	6.5
VARIABLE													
CALM	////////////////////											7.4	////
TOTALS	15.9	27.1	30.6	15.5	2.3	1.0	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 310

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM WY

PERIOD OF RECORD: 79-87
 MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									TOTAL %	MEAN WIND		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47			48-55	GE 56
N	1.3	3.4	2.9	2.5								10.0	7.6
NNE	1.4	1.4	3.6	3.0	.4							9.8	7.1
NE	.7	1.4	1.4	.7								4.3	6.8
ENE	.4	.5	1.4									2.3	5.6
E	.2	.4	.7	.2								1.4	6.2
ESE	.5	.9	.9	.4								2.7	6.3
SE	.4	1.4	4.5	1.6	.5							8.4	9.1
SSE	.5	2.0	2.3	3.9	.5	.2	.2					9.7	10.9
S	.2	.4	2.0	.7	.4							3.6	9.7
SSW		.5	1.1	.5								2.1	8.8
SW	.4	.9	.7	1.8	.9							4.7	11.5
WSW	.4	.5	5.5	2.5	.5	.7	.4					10.6	11.6
W	.2	4.4	4.1	2.9	.2	.5	.2					12.9	9.2
WNW	.4	1.1	2.3	.5								4.3	8.0
NW	.9	1.3	1.1	1.3								4.5	7.9
NNW	1.1	1.3	3.0	.5								5.9	7.3
VARIABLE													
CALM	////////////////////											2.9	////
TOTALS	8.8	22.2	37.6	23.1	3.4	1.4	.7					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 659

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM WY

PERIOD OF RECORD: 79-87
 MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.6	3.9	5.4	2.2	.4							13.3	7.9
NNE		1.6	2.2	4.3	.4							8.4	10.2
NE	.7	.4	.7	.9								2.7	7.6
ENE	.2	.5	.4	1.1								2.2	8.3
E	.2	.7	.4									1.3	5.9
ESE	.2	.9	.5									1.6	5.5
SE		1.3	2.0	2.5		.2						5.9	10.7
SSE	.4	1.3	2.0	2.3	.7	.2						6.8	17.6
S	.4	.5	1.8	1.4	.5							4.7	10.3
SSW	.2		1.1	.7	.2							2.2	10.4
SW	.2	.7	.5	.7	.2	.2						2.5	11.0
WSW	.4	1.1	2.5	5.6	1.4		.2					11.1	17.0
W	.9	2.3	7.2	5.7	2.3	.5	.2					19.2	11.1
WNW	.5	.9	1.6	1.1	.2							4.3	8.9
NW	.2	2.7	2.5	1.3	.2							6.3	8.3
NNW	.5	1.6	2.0	1.6								5.7	8.0
VARIABLE													
CALM	////////////////////											2.0	////
TOTALS	6.5	19.7	32.6	31.4	6.5	1.1	.4					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743707 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	2.7	5.7	1.9								11.9	7.9
NNE	.5	.8	2.2	4.1								7.6	10.5
NE	.3	.9	.5	1.4								3.1	5.7
ENE	.5	.3	.3									1.1	4.7
E		1.1	.9	.3								2.3	7.7
ESE		.9	.3	.3								1.4	6.8
SE	.5	1.1	3.3	1.4	.3							6.9	8.7
SSE		1.1	1.9	1.9	.3							5.2	10.1
S	1.1	1.1	3.0	1.1	.5							6.8	7.1
SSW		1.1	.8		.3							2.2	8.0
SW	.5		.5	.8								1.7	4.6
WSW	.3	1.1	5.4	4.9		.3						12.7	13.6
W	.8	1.4	7.1	7.1	4.1	1.1						21.5	12.2
WNW	.5	1.1	3.3	.5	.8							6.2	9.4
NW	1.1	3.7	1.4									5.4	5.3
NNW	.3	1.9	1.4	.3	.3							4.1	7.5
VARIABLE													
CALM	////////////////////											1.6	////
TOTALS	8.2	19.7	37.8	25.8	6.5	1.4						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 368

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-97
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	1.3	3.0	4.5	2.1	.1				11.0	7.6
NNE	.8	1.4	3.0	3.5	.3				8.9	9.7
NE	.6	1.1	1.0	.9					3.6	7.6
NNE	.9	.6	.6	.3					1.9	6.5
E	.3	.6	.7	.1					1.7	6.7
ESE	.4	1.1	.6	.2					2.3	5.8
SE	.7	1.8	3.5	2.1	.2	.1			8.2	6.7
SSE	.6	1.5	2.3	2.7	.5	.2	.1		7.7	10.3
S	.4	.5	1.9	.9	.4				4.7	9.4
SSW	.1	.4	.9	.5	.1				2.1	9.1
SW	.4	.6	.6	1.7	.4	.1			3.1	17.4
WSW	.5	1.7	4.3	4.0	.8	.3	.2		11.9	11.1
W	.7	3.3	5.3	4.6	1.6	.5	.1		16.2	17.4
WNW	.5	1.0	2.1	.7	.2				4.6	8.5
NW	.7	1.9	1.6	.8	.1				5.1	7.3
NNW	.6	1.3	2.1	.7	.1				4.8	7.5
VARIABLE										
CALM	////////////////////////////////////								7.1	////
TOTALS	9.1	21.6	34.9	24.9	4.8	1.2	.4		100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 1795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
MONTH: MAY HOURS(LEST): 0600-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.1	2.7	2.3	2.2								7.4	5.6
NNE	1.7	2.3	2.1									5.6	5.6
NE	1.6	1.7	1.4	1.2								4.9	6.2
NNE	1.9	1.6										1.3	5.0
E	1.7											1.7	5.0
ESE	1.8	2.9	1.6									4.3	5.3
SE	3.7	7.4	7.4	1.4								19.9	5.1
SSE	1.9	5.1	2.1	1.2								7.4	5.1
S	1.9	1.6	1.7									5.1	6.7
SSW	1.4	1.6	1.4	1.2								2.6	6.4
SW	1.6	2.3	2.5	1.8								5.8	4.7
WSW	1.7	2.3	4.7	2.7	1.4							11.7	6.8
W	2.1	5.7	3.1	1.9	1.4							12.4	7.1
WNW	1.6	1.6	1.6	1.6								3.3	6.6
NW	1.7	1.6	1.4									1.3	5.5
NNW	1.2	1.4	1.7	1.2								1.9	1.3
VARIABLE													
CALM	////////////////////											9.5	////
TOTALS	16.1	35.7	29.9	8.4	1.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 516

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743707 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: MAY HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.7	2.0	4.5	.5								8.8	7.9
NNE	1.3	2.3	3.3	1.4								8.3	7.1
NE	.9	.9	1.9	1.1	.2							5.0	7.8
ENE	.5	.2	.3									.9	6.3
E	.3	.8										1.1	4.3
ESE	.8	.5	.6									1.9	5.1
SE	.5	3.3	3.8	1.7								9.2	7.8
SSE	.8	2.3	1.6	.8								5.5	6.6
S	.6	1.1	1.9	.2								3.7	7.1
SSW	.3	1.3	1.3	1.3								4.1	8.7
SW		1.3	1.9	2.0								5.2	9.8
WSW	.8	1.0	5.8	4.5	.3							13.3	9.4
W	1.1	3.4	7.3	3.9	1.3	.3						17.3	9.4
WNW	1.3	1.3	2.0	.6								5.2	6.4
NW	1.3	1.1	1.6									3.9	5.2
NNW	.0	.6	1.6	.5								3.1	7.2
VARIABLE													
CALM	////////////////////											3.6	////
TOTALS	13.0	24.2	38.8	18.4	1.7	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 640

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 793703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-85
 MONTH: MAY HOURS/DAY: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.7	2.9	4.2	1.3								9.1	7.0
NNE	.5	1.9	5.1	1.1								8.6	8.1
NE	.8	.9	.8	1.0								3.4	2.4
ENE	.2	.6	.5									1.3	5.2
E	.3		.2									.5	3.2
ESE	.5											.5	2.7
SE	.6	.6	1.6	1.4								4.2	4.7
SSE	.6	1.6	2.1	.5								4.8	7.1
S	.5	1.4	.6	.5								2.9	5.1
SSW	.3	.6	1.3	1.4								3.7	2.2
SW	.3	.3	2.1	1.1	.5							4.7	9.9
WSW	.3	1.0	5.9	6.9	1.3							15.4	11.2
W	1.7	4.5	8.5	6.6	1.1	.3						21.9	9.4
WNW	.2	2.2	2.9	.5								5.8	7.4
NW	1.0	1.9	2.4	.2								5.7	6.7
NNW	1.0	1.9	2.4	1.0								6.7	7.2
VARIABLE													
CALM	////////////////////											1.9	////
TOTALS	9.1	72.1	40.5	23.2	2.9	.3						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 625

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM WY

PERIOD OF RECORD: 79-R6
 MONTH: MAY HOURS(LOCAL): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.3	3.5	6.1	1.6								12.6	7.3
NNE		1.6	4.2	1.6								7.4	9.0
NE	.3	.7	1.3	.3	.3							2.6	9.4
NNE	.3		.3									.6	1.5
E	.3	.3										.6	3.0
ESE		.6										.6	6.0
SE		.3	1.9	.6								2.9	8.8
SSE	.6	.6	2.3	.3								3.9	7.5
S	.6	1.3	.3		.3							2.6	6.5
SSW		.6	2.3	1.3								4.7	9.5
SW		.3	1.6	1.0	.3							3.2	10.6
WSW		1.0	3.5	3.2	1.0							8.7	11.4
W	.3	7.1	8.4	9.7		.3						25.8	9.6
WNW	1.3	3.0	2.6	1.3								9.0	6.9
NW	1.6	2.9	2.6	.3								7.4	5.9
NNW	.3	2.3	.3									2.9	5.6
VARIABLE													
CALM	////////////////////											4.8	////
TOTALS	7.1	26.8	37.7	21.5	1.9	.3						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 310

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.5	2.7	4.1	.8								9.1	6.9
NNE	.9	2.1	3.7	1.0								7.6	7.4
NE	.7	.9	1.3	1.0	.1							4.0	9.0
ENE	.3	.4	.3									1.0	4.6
E	.3	.3	.0									.6	3.7
ESE	.6	1.0	.3									1.9	4.4
SE	1.2	3.1	3.7	1.1								9.2	7.1
SSE	1.0	2.1	2.0	.5								5.5	5.1
S	.5	1.3	1.0	.1	.0							3.0	5.4
SSW	.3	.8	1.2	1.3								3.6	4.0
SW	.2	1.1	2.1	1.2	.2							4.8	9.0
WSW	.6	1.6	5.2	4.6	.7							12.7	10.0
W	1.2	4.7	6.8	5.1	.8	.7						18.8	9.5
WNW	.8	2.0	2.0	.7								5.5	6.9
NW	1.0	1.4	1.7	.1								4.2	5.8
NNW	.7	1.4	1.3	.5								3.9	6.8
VARIABLE													
CALM	////////////////////											4.7	////
TOTALS	11.8	26.8	36.7	17.9	1.9	.7						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 2091

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM VV

PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.9	1.5	2.1	.2								4.7	6.1
NNE	.2	1.7	1.9	.2								3.9	7.2
NE	.4	1.9	1.5									3.8	6.4
ENE	.4	.9	.6									1.9	5.5
E	.8	.8	.2									1.7	5.7
ESE	2.1	1.5	.9									4.5	8.1
SE	4.1	5.1	3.4	.2								12.8	5.1
SSE	1.5	1.9	3.6	.4								7.3	6.3
S	2.3	1.3	.4	.2								4.1	4.1
SSW	.2	.9	.9									1.9	6.5
SW	.9	2.8	2.6	.8								7.1	5.8
WSW	.8	3.8	7.3	3.2	.2							15.7	8.3
W	1.9	5.1	4.7	2.3								13.9	6.9
WNW	.4	1.1	.4									1.9	4.7
NW	.4	.8	.4	.2								1.7	6.3
NNW	.8	.2	1.1									2.1	5.8
VARIABLE													
CALM	////////////////////											11.6	////
TOTALS	17.8	31.0	31.9	7.5	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 533

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: JUN HOURS/SET: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.1	2.9	2.5	.7								6.5	6.0
NNE	.2	2.8	2.8	.3	.3							6.4	7.6
NE	.2	.9	2.0	.5								3.6	8.1
ENE	.3		.3	.2								.8	7.7
E	.6	.8	.3									1.7	9.5
ESE	2.5	1.2	.2									3.9	7.2
SE	1.7	3.1	1.4	.2								6.4	9.1
SSE	.9	.9	2.2	.8								4.8	7.4
S	1.2	.8	1.2	.3								3.5	7.7
SSW	.6	.5	1.1	.3								2.5	6.9
SW	1.1	.9	4.5	1.5								8.0	8.1
WSW	1.1	3.2	8.5	5.5	.2							18.5	8.2
W	1.5	4.3	7.8	5.1	.6							19.4	8.7
WNW	1.4	2.2	.9	.2								4.6	5.1
NW	.5	1.4	.6									2.5	5.3
NNW	.5	1.7	1.4	.2								3.8	6.2
VARIABLE													
CALM	////////////////////											5.4	////
TOTALS	15.5	27.4	37.5	15.1	1.1							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 650

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/ZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM 4 HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT GORDON KY

PERIOD OF RECORD: 74-86
 MONTH: JUN HOURS: 0500-1400

DIRECTION (OF OBS)	WIND SPEED IN KNOTS											TOTAL %	AVERAGE WIND KTS
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
N	2.9	2.7	3.5	2.5								12.1	7.1
NNE	2.7	2.7	3.2	1.1	2.3							12.9	6.1
NE		2.9	1.2	2.2								12.3	7.2
ENE		2.7	2.2	2.3								12.7	6.2
E		2.6		2.2								12.8	6.2
ESE	2.7	2.8	2.2									12.9	6.8
SE	2.8	2.7	2.4	2.7								12.7	6.7
SSE	2.3	1.9	2.9	2.6								12.2	7.2
S	2.5	1.1	2.2	2.8								12.7	7.7
SSW		1.9	2.2	1.1								12.1	6.9
SW	1.1	2.8	2.6	2.9	2.2							12.1	6.7
WSW	2.9	2.5	6.2	7.2	1.2							14.3	11.9
W	2.7	3.2	11.9	7.9	2.9							24.7	17.1
WNW	1.1	2.9	3.7	2.3								12.0	6.6
NW	2.5	2.2	2.9	2.3								12.7	6.1
NNW	2.5	1.9	2.2									12.0	6.1
VARIABLE													
CALM	////////////////////											1.5	////
TOTALS	12.1	14.1	41.4	22.7	2.6							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATE DIVISION BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 METEOROLOGICAL AIR WEATHER SERVICE/FAO FROM POLYMER OBSERVATION

STATION NUMBER: 76373 STATION NAME: FT. BRUMBY

PERIOD OF RECORD: 79-86
 MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-56
N	2.5	2.7	2.6	2.3								6.2	6.3
NNE	2.8	4.1	2.8	1.3								2.1	7.4
NE	2.5	1.7	1.6	2.5								3.9	7.2
ENE			2.5									2.5	6.5
E	2.3	2.3	2.3									2.8	9.4
ESE	2.5	2.7										2.8	2.7
SE	2.3	1.7	2.5	2.8								2.8	7.5
SSE	2.8	2.5	1.7	2.5								2.3	8.2
S	2.3	2.7	2.8	2.8								4.1	8.8
SSW	1.7	2.3	1.6	2.5								3.9	7.1
SW	1.3	2.8	3.1	2.1	2.5							2.8	9.2
WSW	2.5	2.6	5.7	6.2	2.3							15.3	17.1
W	2.5	5.2	12.7	10.9	1.3							37.1	19.1
WNW	2.8	2.3	1.7	2.3								4.4	5.5
NW	2.5	1.8	2.5									2.8	5.1
NNW	2.3	2.3	2.5	2.5								3.4	5.9
VARIABLE													
CALM	////////////////////											2.3	////
TOTALS	8.3	26.2	37.3	23.8	2.1							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 186

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM VV

PERIOD OF RECORD: 72-86
 MONTH: JUN HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.9	2.3	2.7	.3								6.2	6.4
NNE	.3	2.6	2.7	.7	.2							6.4	7.8
NE	.2	1.2	1.6	.3								2.7	7.0
ENE	.2	.3	.4	.1								1.0	6.9
E	.4	.6	.2	.0								1.2	9.1
ESE	1.4	.2	.3									2.6	3.7
SE	1.6	2.5	1.5	.3								5.9	5.5
SSE	.8	1.7	1.9	.6								4.9	7.1
S	1.1	.9	1.5	.5								4.1	6.5
SSW	.4	.8	1.4	.5								3.1	7.5
SW	1.1	1.3	3.2	1.7	.1							7.5	8.4
WSW	.4	3.0	7.2	5.6	.5							17.1	7.5
W	1.3	4.7	9.1	6.1	.7							21.5	9.2
WNW	.9	2.2	1.6	.2								4.9	5.8
NW	.5	1.5	.6	.1								2.7	5.7
NNW	.5	1.4	1.4	.1								3.4	6.1
VARIABLE													
CALM	////////////////////											4.6	////
TOTALS	12.4	27.0	37.4	17.1	1.5							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 2220

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743707 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: JUL HOURS(UT): 0400-0300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	1.1	1.5									4.2	5.2
NNF	.9	.5	.7									1.6	5.9
NE	.7	.2	.5									.9	6.4
ENE	.9	.9										.7	3.5
E	.9											.9	2.4
ESE	1.5	.7										2.2	2.8
SE	6.2	7.5	3.1									16.8	4.5
SSE	3.7	5.1	.9									9.7	4.1
S	1.1	.9	.9									2.9	4.7
SSW	1.1	2.2	1.8	.4								5.5	5.9
SW	1.1	4.2	3.5	.7	.2							9.7	6.7
WSW	.5	4.4	7.3	2.0								14.2	7.9
W	2.7	5.3	1.8	.7								10.5	5.2
WNW	.9	.9	.5	.2								2.6	5.1
NW	1.1	1.1	.9									3.1	4.8
NNW	1.8	1.6	.7	.2								4.4	4.5
VARIABLE													
CALM	////////////////////											9.9	////
TOTALS	25.3	36.2	24.5	4.2	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 547

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM VV

PERIOD OF RECORD: 79-86
 MONTH: JUL HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	3.1	1.9	.3								7.2	5.3
NNE	.3	1.4	1.2	.3								3.2	6.9
NE	.6	.6	.3	.1								1.6	5.1
ENE	.1	.4										.6	4.3
E	.7	.3										1.0	3.1
ESE	1.3	.6	.3									2.2	3.1
SE	2.2	2.4	2.2									6.8	5.1
SSE	1.3	1.3	.9	.1								3.7	5.2
S	.6	.7	1.0									2.3	5.1
SSW	.9	1.0	.7	.9								3.5	6.8
SW	.7	1.6	5.5	2.8								10.7	8.7
WSW	.7	3.1	7.6	7.0	.4							19.4	9.4
W	1.0	5.2	7.6	2.2								16.1	7.4
WNW	1.3	3.1	1.6									6.1	5.4
NW	1.0	1.6	1.6	.3								4.5	5.8
NNW	.7	3.1	1.9	.4								6.1	6.1
VARIABLE													
CALM	////////////////////											4.3	////
TOTALS	15.8	30.7	34.5	14.6	.4							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 670

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 74370 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: JUL HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.1	3.0	2.7	.2								6.9	6.2
NNE	.3	1.4	.6	.5								2.7	6.6
NE	.6	.5	.3	.2								1.5	5.3
ENE	.2	.3	.2									.6	4.5
E	.3	.2	.2									.6	4.5
ESE	.9	.5	.2									1.4	3.9
SE	.9	.5	.9	.2								2.3	6.1
SSE	.3	.2	1.1									1.3	5.9
S	.5	1.1	.6	.2								2.3	6.2
SSW	.3	.2	2.6	.6								4.4	6.2
SW	.4	1.1	2.9	3.2	.2							7.8	10.0
WSW	.9	2.0	6.6	8.0	1.4							19.6	10.7
W	1.4	5.0	12.5	5.6	.6							25.0	8.9
WNW	.9	3.3	3.5	.3								9.0	6.8
NW	.3	3.0	2.7	.3								6.3	6.9
NNW	.6	4.5	2.3	.5								7.8	6.2
VARIABLE													
CALM	////////////////////											1.7	////
TOTALS	9.8	27.8	39.7	19.4	2.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 665

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: JUL HOURS(UT): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.9	3.0	2.2	.3								7.4	5.6
NNE	.3	1.6	1.1									3.0	6.6
NE	.3	.8	1.1	.3								2.5	7.9
ENE													
E			.3	.9								.2	11.7
ESE	.3											.7	3.0
SE	.5	.4	1.4									2.3	6.1
SSE		.5	1.1	.5								2.1	8.8
S	.3	1.1	1.6	.3								3.3	7.9
SSW		.5	.9	1.1								2.5	10.0
SW		2.2	3.3	1.9	.3							7.7	9.6
WSW		1.6	9.9	7.1	1.6							20.7	13.4
W	2.5	2.5	9.8	9.1	1.6							25.4	5.9
WNW	1.1	4.1	3.3	.3								8.7	6.1
NW	.9	2.7	2.5	.3								6.4	6.5
NNW	.9	1.3	3.8	.3								6.3	6.9
VARIABLE													
CALM	////////////////////											1.1	////
TOTALS	8.7	27.4	42.1	22.1	3.6							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 366

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: JUL HOURS(EST): ALL

DIRECTION (in DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.5	2.6	2.1	.7								6.9	5.6
NNE	.3	1.2	.9	.7								2.7	6.5
NE	.9	.5	.5	.1								1.5	6.9
ENE	.2	.3	.0									.5	4.1
E	.5	.1	.1	.1								1.8	4.6
ESE	1.7	.5	.1									1.4	7.7
SE	2.5	2.8	1.9	.0								7.7	4.9
SSE	1.9	2.0	1.7	.1								4.5	5.7
S	.5	.9	1.7	.1								2.9	5.1
SSW	.6	1.2	1.6	.7								4.1	7.2
SW	.7	2.2	1.9	2.3	.1							9.1	5.5
WSW	.5	3.0	7.3	5.1	.8							18.1	2.8
W	1.8	4.7	8.0	4.0	.4							18.9	5.2
WNW	1.7	2.3	2.2	.7								6.7	6.1
NW	.5	2.1	1.9	.3								5.1	5.2
NNW	1.7	2.4	2.3	.4								6.7	5.0
VARIABLE													
CALM	////////////////////											4.4	////
TOTALS	17.7	29.7	34.9	14.7	1.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 2248

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: AUG HOURS(EST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	1.7	.6									3.9	4.1
NNE	.9	1.7	1.3	.4								4.2	5.1
NE	.4	2.3	.6	.2								3.5	5.6
ENE	1.0	1.0										1.9	3.5
E	1.0	.6										1.5	3.1
ESE	3.1	1.3	1.2									5.6	4.7
SE	6.9	9.4	4.6									21.7	4.7
SSE	3.1	4.4	2.1	.2								9.8	4.9
S	1.3	1.2	.8									3.3	4.6
SSW	.9	.6	.4									1.7	4.4
SW	1.3	1.9	2.3	.4								6.0	6.5
WSW	.6	1.3	2.9	.6								5.4	7.2
W	2.5	4.0	3.9	.2								10.6	5.5
WNW	.6	1.7	.6	.2								3.1	5.7
NW	1.0	1.0	.2									2.1	4.2
NNW	.8	.8	.4	.4								2.3	5.6
VARIABLE													
CALM	////////////////////											13.9	////
TOTALS	27.0	34.7	21.8	2.5								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 519

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: AUG HOURS(LOCAL): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	5.1	1.9	.5								9.4	5.7
NNE	.9	1.9	1.6	.2								4.6	5.9
NE	.6	1.7	.9	.6								3.8	6.2
ENE	.8	.5	.5									1.8	9.1
E	.8	.5	.2									1.5	7.7
ESE	1.7	2.7	.9	.3								5.6	7.8
SE	2.5	3.2	2.8	.5								9.0	7.9
SSE	2.5	1.9	1.3	.1								6.0	6.9
S	1.1	.9	.9	.5								3.4	6.7
SSW	.2	1.3	1.7	.3								3.5	7.2
SW	.2	2.2	4.4	.6								7.4	7.7
WSW	.5	3.7	5.1	2.7	.2							11.2	8.4
W	1.7	5.9	5.1	2.2	.3							15.2	7.1
WNW	1.1	2.7	.9									4.7	5.8
NW	1.3	3.0	.8									5.1	4.8
NNW	.2	1.4	.5									2.1	4.8
VARIABLE													
CALM	////////////////////											5.7	////
TOTALS	19.0	37.0	29.4	8.5	.5							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 633

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743707 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: AUG HOURS(LST): 1700-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.9	4.2	3.4	1.0								10.4	6.7
NNE	.2	2.6	2.7	.3								5.8	6.9
NE	.3	.8	1.1	.5								2.7	7.6
ENE	.5	.4										1.1	3.3
E		.5										.5	5.11
ESE	.2	.5	.3									1.0	5.4
SE	.2	.4	1.3	.3								2.6	7.3
SSE	.5	.8	.5	.2								1.9	5.5
S	1.0	.8	1.0	.3								3.0	6.2
SSW	.5	.6	2.1	1.0								4.2	8.3
SW	.5	1.9	3.7	.6								6.7	7.5
WSW	.5	2.9	5.1	4.8	.5							13.7	9.7
W	1.4	4.5	11.7	3.8	.3	.3						22.0	4.8
WNW	1.7	1.9	3.0	.2								6.1	6.3
NW	2.2	2.7	1.9	.2								6.9	5.4
NNW	1.7	3.5	1.6	.5	.2							6.7	6.2
VARIABLE													
CALM	////////////////////											4.8	////
TOTALS	13.8	29.2	59.3	13.6	1.0	.3						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 626

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VELOCITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD: FROM 01 JAN 72 TO 31
 MONTH: APRIL YEAR: 1972

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	AVERAGE WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65		
N	3.7	4.7	4.7	.3								17.4	5.4
NNE	.6	3.1	3.4									7.1	5.2
NE	.6	.5	.6	.3								1.9	2.0
ENE		.7	.3									.9	1.0
E		.3										.6	1.0
ESE	.3											.6	1.0
SE	.3	.7		.5								1.5	1.6
SSF	.6	.6	.9									2.0	1.6
S	.5	1.6	1.2	.3								3.4	1.4
SSW	.9	1.2	.6	.3								3.1	1.6
SW	.9	1.6	2.5									5.0	1.6
WSW	.3	.9	7.8	3.4	.3							12.7	9.3
W	.6	4.3	12.4	5.0	.9							23.3	9.1
WNW	2.2	4.5	2.5									9.2	5.7
NW	1.6	2.6	.9	.3								5.4	5.1
NNW	1.2	1.7	1.2	.3								4.4	5.7
VARIABLE													
CALM	////////////////////											5.9	////
TOTALS	14.3	28.9	39.1	10.6	1.2							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 327

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 77-86
 MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.7	3.8	2.4	.4								8.9	5.5
NNE	.6	2.2	2.1	.2								5.2	6.4
NE	.5	1.4	.8	.4								3.1	6.6
ENE	.7	.6	.2									1.4	4.1
E	.5	.5	.2									1.3	3.7
ESE	1.4	1.1	.7	.1								3.3	4.9
SE	2.6	3.7	2.4	.3								8.9	5.2
SSE	1.8	2.0	1.2	.2								5.1	5.1
S	1.0	1.1	1.0	.3								3.3	5.7
SSW	.5	.9	1.3	.4								3.2	7.0
SW	.7	2.0	3.4	.5								6.5	7.2
WSW	.5	2.3	5.0	2.9	.2							10.9	8.9
W	1.7	4.8	7.9	2.6	.3	.1						17.4	7.9
WNW	1.1	2.3	1.7	.1								5.2	5.8
NW	1.5	2.3	1.0	.1								5.0	5.0
NNW	1.0	2.0	.9	.3	.0							4.1	5.7
VARIABLE													
CALM	////////////////////											7.5	////
TOTALS	19.1	32.9	32.0	8.9	.6	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 2100

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 7A-86
 MONTH: SEP HOURS(LST): 0600-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.5	2.1	1.2	.5								4.1	5.7
NNE	.5	1.4	.9									2.9	5.5
NE	1.2	.9	1.4	.2								3.7	5.8
ENE	.2	.9	.9									2.1	6.1
E	.7	.2	.2									1.2	5.6
ESE	1.6	2.3	.9									4.8	6.4
SE	3.7	5.8	7.8	1.6								18.9	6.8
SSE	2.8	5.8	3.7	.9								17.1	5.6
S	.7	1.6	1.6	.7								4.6	6.9
SSW	.9	.5	.9	.5								2.9	6.1
SW	1.6	2.5	1.8	.9	.2							7.1	5.4
WSW	1.4	2.3	3.2	1.2	.2							8.3	7.7
W	1.2	3.0	1.2	.7								6.2	6.4
WNW	1.2	.9	.7									2.9	5.1
NW	.5	.7	.2									1.4	4.5
NNW	.5	.9	.7									1.6	4.7
VARIABLE													
CALM	////////////////////////////////////										14.5	////	
TOTALS	18.9	31.8	27.0	7.4	.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 454

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: SEP HOURS(UT): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-7	8-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56		
N	2.2	3.3	7.0	.7								8.1	1.9
NNE	1.7	1.8	2.0									5.5	1.8
NE	.9	.9	1.8									3.6	1.9
ENE	.5	1.1	1.3									2.9	1.7
E	.9	.5	.7									1.6	1.6
ESE	.7	1.1	.5									2.4	1.1
SE	2.4	3.6	3.6	.5								10.1	1.1
SEF	1.1	2.4	2.2	.7	.2							6.6	1.7
S	1.1	1.1	1.6	1.4								5.2	2.9
SSW	.2	1.1	1.4	1.3	.2							4.2	1.7
SW	.9	1.1	4.5	1.1								7.1	1.1
WSW	.2	2.2	6.3	4.0	.7	.4						13.7	10.4
W	1.4	2.9	3.1	2.4	.2							5.9	2.6
WNW	.9	2.9	1.3	1.3								6.4	2.0
NW	.9	2.4	.9	.4								4.6	1.3
NNW	.7	1.3	.7									2.7	1.1
VARIABLE													
CALM	////////////////////											6.3	////
TOTALS	14.8	29.4	34.0	13.7	1.3	.4						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 553

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: SEP HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.7	4.5	3.8	.5								11.5	6.2
NNE	.7	1.6	2.7	.2								5.2	6.8
NE	.4	1.1	1.3	.2								2.9	6.6
NNE	.2	.7										.9	4.2
E	.2	.7	.2									1.1	5.5
ESE	.5	.5	.2									1.2	4.1
SE	.7	1.1	1.6	.4								3.4	5.6
SSE		1.1	2.2	.5								3.8	8.1
S	.2	.9	2.5	.5	.4							4.5	9.1
SSW	.5	.5	1.8	1.3								4.7	8.3
SW		.5	3.8	1.5								5.8	9.2
WSW	.5	2.4	7.4	5.1	.7	.7						16.5	9.9
W	.7	2.2	6.9	4.9	1.6	.4	.2					16.9	10.6
WNW	2.7	3.1	1.5	1.6								8.2	6.4
NW	.4	2.4	1.8	.5								5.1	7.0
NNW	.7	1.8	2.0	.5								5.1	6.2
VARIABLE													
CALM	////////////////////											3.6	////
TOTALS	10.0	25.7	39.7	18.0	2.7	.5	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 551

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.8	4.6	3.2	.9								10.5	6.3
NNE	1.4	2.8	2.3									6.5	5.7
NE	.9		.5									1.4	4.0
ENE		.5										.5	4.0
E													
ESE	1.8											1.8	7.5
SE		.9	1.8									2.8	7.5
SSE	.5	.9	2.8	.5								4.6	7.5
S	1.4		2.8		.5							4.6	7.8
SSW		.5	3.2									3.7	8.1
SW		.9	3.2	1.4								5.5	9.6
WSW		1.8	6.5	5.1								13.4	9.5
W	.5	2.3	12.4	4.1	1.4							20.7	9.9
WNW	1.4	2.8	4.6	.5	.5							9.7	7.5
NW	1.4	2.3	.9									4.6	4.6
NNW	1.8	2.3	.5	.9								5.5	5.5
VARIABLE													
CALM	////////////////////											9.1	////
TOTALS	12.9	22.6	44.7	13.4	2.3							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 217

GLOBAL CLIMATOLOGY BRANCH
 USAF/FLTC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM VY

PERIOD OF RECORD: 78-86
 MONTH: SEP HOURS(LST): ALL

DIRECTION (DEG:FS)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.7	3.4	2.5	.6								8.4	6.2
NNE	.9	1.8	2.0	.1								4.7	6.0
NE	.6	.9	1.4	.1								3.0	6.3
ENE	.3	.9	.6									1.6	5.9
E	.3	.5	.3									1.1	5.7
ESE	1.0	1.1	.5									2.6	4.4
SE	1.9	3.0	3.8	.7								9.4	6.3
SSE	1.1	2.6	2.6	.7	.1							7.1	6.6
S	.7	1.0	2.1	.8	.2							4.8	8.0
SSW	.7	.7	1.7	.9	.1							4.0	7.8
SW	.5	1.3	3.5	1.7	.1							6.5	8.3
WSW	.6	2.2	5.9	3.8	.5	.2						13.2	9.7
W	1.0	2.6	5.0	3.0	.7	.1	.1					12.5	9.2
WNW	1.8	2.5	1.6	1.0	.1							6.9	6.7
NW	.5	1.9	1.0	.3								3.8	6.2
NNW	.8	1.5	1.0	.3								3.5	5.6
VARIABLE													
CALM	////////////////////											7.2	////
TOTALS	14.1	27.9	35.4	13.4	1.7	.3	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 1755

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743707 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: OCT HOURS(LST): 0600-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.7	1.9	2.2	.5								6.3	5.8
NNE	.2	.5	.7									1.4	5.5
NE	.5	.7	.7	.5								2.4	7.1
ENE	.7	.7										1.4	2.5
E	.5	.2										.7	3.0
ESE	2.9	1.9	1.2									6.0	4.0
SE	4.1	6.3	8.9	.5	.2							20.0	6.2
SSE	1.2	2.2	4.3	.5	.2							9.4	7.1
S	2.4	1.4	1.9	1.2	.2							7.2	6.5
SSW	1.2	1.9	1.7									4.8	5.6
SW	1.2	.7	1.4	1.7								5.1	7.7
WSW	.7	.7	1.9	.2								3.6	6.9
W	1.4	1.7	2.4	1.7								7.2	7.9
WNW	.7	1.2	1.0	.2								3.1	6.2
NW	1.2	1.4	1.0	.2								3.9	5.1
NNW	.2	.5										.7	3.7
VARIABLE													
CALM	////////////////////											19.1	////
TOTALS	21.0	25.6	29.4	7.2	.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 415

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-85
 MONTH: OCT HOURS/LEST: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.1	1.4	2.7	.7								6.8	6.2
NNE	.2	1.0	2.4	.2								3.8	7.1
NE	.7	1.9	1.0									3.6	5.4
ENE	.3	.7										.5	3.7
E	.9	.9	.2									1.7	3.5
ESE	.9	1.9	.5	.2								3.4	4.9
SE	2.1	5.6	7.5	.9	.2							16.4	6.7
SSE	1.7	2.6	2.4	.9								7.6	6.6
S	1.4	1.9	1.7	.7	.2							5.8	7.0
SSW	.5	1.0	1.7	1.9	.2							5.3	9.3
SW	.3	.9	2.1	2.9	.2							6.3	10.6
WSW	.3	.5	3.1	2.2	.7							6.8	10.6
W	.5	2.7	4.1	2.1	.3	.2						9.4	9.9
WNW	1.0	1.0	1.2	1.0								4.2	7.0
NW	1.2	.9	2.2	.9								5.1	7.5
NNW	.3	1.0	1.5	.2								3.1	6.8
VARIABLE													
CALM	////////////////////											9.9	////
TOTALS	14.4	25.0	34.4	14.6	1.7	.7						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 544

GLOBAL CLIMATOLOGY BRANCH
 USAF/CIAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM VY

PERIOD OF RECORD: 78-86
 MONTH: OCT HOURS/DATE: 1207-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-56
N	2.7	4.3	5.3	.5								12.8	5.1
NNE	1.4	1.0	2.4	.5								5.3	6.4
NE	.2	.9	.7									1.8	7.7
NNE		.7	.3									1.0	5.7
E	.3	.2										.5	5.1
ESE	.5	1.5	1.4	.2								3.6	5.7
SE	.9	1.4	3.6	.9								6.8	7.5
SSE		1.4	2.4	.7								4.5	8.1
S	1.2	.3	2.2	1.0	.3							5.0	8.1
SSW	.2	.7	1.9	1.9	.3							4.0	11.7
SW	.5	1.4	1.4	2.2	.3							5.8	9.7
WSW	.7	2.7	3.6	3.2	.7	.7						11.1	11.4
W	1.4	4.6	8.2	5.3	1.2	.2						21.9	5.2
WNW	.9	1.7	1.9	.7								5.2	5.9
NW	.5	1.7	1.0	.2								3.4	6.3
NNW	.7	1.2	1.0	.3								3.2	6.3
VARIABLE													
CALM	////////////////////											5.3	////
TOTALS	11.2	25.0	37.1	17.5	2.9	.9						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 587

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUMBY

PERIOD OF RECORD: 78-86
 MONTH: OCT HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.5	4.6	5.4									11.5	6.1
NNE	1.5	1.2	3.5	1.4								6.6	6.4
NE		2.7	1.4									4.1	5.2
ENE													
E	1.8		1.4									3.2	4.0
ESE		1.4	1.4	1.4								4.6	4.7
SE		1.5	2.7	1.4								5.6	5.8
SSE	1.4	2.3	3.4									7.1	7.2
S	1.8	1.4	1.8	1.8	1.4							8.2	8.3
SSW		1.2	2.3	1.4								5.1	6.1
SW	1.8	3.1	2.7	1.2	1.4	1.4						12.0	8.5
WSW	1.2	1.5	3.1	2.7	1.4							10.9	6.8
W	1.5	5.2	8.8	5.0	1.2							22.7	9.8
WNW	1.8	1.5	2.3	1.2								6.8	7.1
NW	1.4	1.5	1.4									4.7	5.6
NNW	1.2	2.7		1.4								5.3	5.0
VARIABLE													
CALM	////////////////////											3.8	////
TOTALS	10.8	31.9	37.7	17.1	7.5	1.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 260

GLOHAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.9	2.9	3.8	.5								9.0	6.1
NNE	.8	.9	2.2	.5								4.4	6.4
NE	.4	1.4	.8	.1								2.7	5.8
ENE	.3	.3	.1									.7	4.3
E	.6	.4	.1									1.1	7.6
ESE	1.1	1.6	1.0	.2								3.9	6.7
SE	1.8	3.9	5.9	.8	.1							12.5	6.7
SSE	.9	2.1	3.0	.6	.1							6.6	7.3
S	1.5	1.1	1.8	.9	.3							5.6	7.4
SSW	.5	1.1	1.8	1.2	.2							4.9	8.7
SW	.7	1.4	1.8	2.2	.2	.1						6.7	9.4
WSW	.7	1.2	3.0	2.2	.5	.2						7.7	9.8
W	1.1	3.5	5.7	3.4	.7	.1						14.5	8.9
WNW	.9	1.4	1.5	.6								4.6	6.9
W	.9	1.3	1.4	.4								3.9	6.4
NNW	.5	1.2	.8	.2								2.8	6.1
VARIABLE													
CALM	////////////////////											9.4	////
TOTALS	14.4	25.7	34.6	13.7	2.0	.4						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 1946

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM YV

PERIOD OF RECORD: 78-86
 MONTH: NOV HOURS(EST): 0600-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.5	4.1	2.7	.5								7.7	6.1
NNE	1.4	.9	.5									2.7	7.8
NE	.9	.9	.9									2.7	5.1
ENE		.9										.9	5.1
E	.5	.9	.5									1.9	5.8
ESE	1.4	2.3		.5								4.1	4.7
SE	2.3	5.0	8.1	2.1								17.6	7.1
SSE	.5	.9	3.2	1.4								5.9	4.2
S	1.8	1.8	1.8									5.4	5.1
SSW	.5	1.4	.9	.5								3.7	6.7
SW		.9	2.3		.5							3.6	4.5
WSW	.9		1.4	2.3								4.5	10.1
W	.5	3.6	3.2	3.2	.5							10.9	9.0
WNW		2.7	2.7	1.8								7.2	4.1
NW	1.4	3.2	.9	.5								5.9	5.2
NNW	.5	.9	1.4									2.7	7.0
VARIABLE													
CALM	////////////////////											13.1	////
TOTALS	12.7	30.7	30.3	12.7	.9							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 221

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 7A-86
 MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (OFFICIAL)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.9	3.2	3.4	1.0								9.4	6.6
NNE	1.2	1.2	.4	.2								3.0	4.8
NE	.4	1.2	1.2									2.8	6.3
ENE	.6	.4	.8									1.8	5.6
E	.4	.8	.2									1.4	4.7
ESE	.6	1.8	1.8	.6								4.8	6.8
SE	1.6	4.6	4.6	3.6	.2							14.7	7.7
SSE	1.2	3.2	3.0	1.6								9.0	7.4
S	1.6	1.4	1.6	.6	.4							5.6	7.5
SSW	.8	.8	1.6	1.2								4.4	8.0
SW	.2	.6	.8	1.8	.4							3.8	10.4
WSW	.7	.6	1.6	2.4	.8							5.6	11.8
W	.8	1.0	3.0	4.2	1.4							10.4	10.6
WNW		2.6	1.6	1.8	.4							6.4	9.1
NW	1.0	1.8	1.6	1.4	.2							6.0	7.9
NNW	.8	.4	2.0	.4								4.0	6.9
VARIABLE													
CALM	////////////////////											6.6	////
TOTALS	13.3	26.1	29.3	20.9	3.8							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 498

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SER/ICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: NOV HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.0	4.4	2.6	.6								8.7	6.3
NNE	.8	1.8	1.0									3.6	5.1
NE	.4	1.4	.4									2.2	5.0
ENE	1.0	.8	.2	.2								2.2	4.6
E	.4	.4	.2									1.0	5.0
ESE	.4	2.6	1.4	.2								4.6	5.9
SE	.8	3.4	4.4	2.2	.2							11.1	7.9
SSE	.8	1.4	2.8	.4	.8							6.3	8.5
S	.6	1.2	1.6	.4	.8	.2						4.8	9.7
SSW		.2	.8	.6	.4							2.0	12.2
SW	.4	1.4	1.4	3.6	1.0							7.8	11.2
WSW	.4	.4	1.6	2.4	1.4	.4						6.7	12.9
W	.2	3.8	4.2	5.9	1.8							16.0	10.7
WNW	1.2	1.0	2.2	1.6								6.1	8.8
NW	.4	1.8	3.6	1.0								6.9	7.9
NNW	.6	2.0	2.0	1.0								5.7	7.3
VARIABLE													
CALM	////////////////////											4.2	////
TOTALS	9.5	28.3	30.7	20.2	6.5	.5						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 495

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743707 STATION NAME: FT DRUM VT

PERIOD OF RECORD: 78-86
 MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	3.2	3.4	1.7	.3								8.6	4.7
NNE	.6	2.9	1.1	.6								5.2	6.1
NE	1.4	.9	.6									2.9	3.7
ENE	.3	.3										.6	4.0
E		.6										.6	5.5
ESE	.6	1.7	1.1									3.4	5.6
SE	1.7	2.3	3.7	1.4								9.2	6.8
SSE	1.1	2.0	2.6	1.1	.3							7.2	7.8
S		1.4	1.7	.6	.9	.9						5.4	12.0
SSW	.6	.6	.6	.9								2.6	7.7
SW	.3	1.7	2.3	1.7	.6							6.6	9.7
WSW	.6	1.4	1.7	2.6	.9							7.2	10.0
W	5.9	3.7	3.2	6.3	1.4							17.5	9.4
WNW	1.1	2.0	1.7	.9	.3							6.0	7.0
NW	.9	1.4	2.9	1.4	.3	.3						7.2	9.2
NNW	.9	1.1	1.4	1.1								4.6	7.3
VARIABLE													
CALM	////////////////////											5.4	////
TOTALS	16.0	27.5	26.4	19.2	4.6	1.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 349

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: NOV HOURS(157): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	3.8	2.7	.6								8.8	6.1
NNE	1.0	1.7	.8	.2								3.6	5.2
NE	.7	1.2	.8									2.6	5.1
ENE	.6	.6	.3	.1								1.5	5.1
E	.5	.6	.2									1.2	5.1
ESE	.6	2.1	1.3	.3								4.4	6.0
SE	1.5	3.8	4.9	2.5	.1							17.7	7.5
SSE	1.2	2.0	2.9	1.1	.3							7.7	7.9
S	1.0	1.4	1.7	.4	.6	.3						5.3	6.8
SSW	.4	.6	1.0	.8	.1							3.1	6.6
SW	.3	1.2	1.5	2.1	.6							5.7	10.5
WSW	.4	.6	1.6	2.4	.9	.1						6.1	11.5
W	1.0	2.9	3.5	5.1	1.4							13.8	10.7
WNW	.6	2.0	2.0	1.5	.2							6.3	8.4
NW	.8	1.9	2.4	1.2	.1	.1						6.5	7.9
NNW	.7	1.3	1.8	.7								4.5	7.1
VARIABLE													
CALM	////////////////////											6.5	////
TOTALS	12.6	27.7	29.2	19.1	8.4	.4						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 1563

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DREW NY

PERIOD OF RECORD: 78-86
 MONTH: DEC HOURS(EST): 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	.4	.4	1.2	.4								2.7	6.0
NNE	.4	1.9	2.3									4.7	6.9
NE		.8	.4									1.2	5.7
ENE	.4											.4	1.7
E	.8	.4										1.2	6.0
ESE	.8	1.4	.8									3.1	4.6
SE	3.1	3.5	5.0	3.5	.4							15.4	7.5
SSE	1.5	1.2	2.3	2.3		.4						7.7	6.0
S	1.9	1.9	.4	1.2								5.4	5.6
SSW		1.2	.4	.8								2.7	6.7
SW	.4	1.9	1.9	1.2	.8							6.6	4.6
WSW	1.2	.4	1.5	1.2	.4							4.6	4.8
W	.4	3.9	4.2	4.6	1.5		.4					15.1	10.5
WNW	2.3	1.2	1.9	1.5	.4							7.3	7.2
NW	1.5	.8	1.5	.8	.4							5.0	7.3
NNW	.4	.4	.8	.4								1.9	7.6
VARIABLE													
CALM	////////////////////											15.4	////
TOTALS	15.8	21.2	25.1	17.9	3.9	.4	.4					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 259

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 7A-86
 MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.5	.6	1.1	1.1								3.3	4.6
NNE	.4	1.6	2.0	.7								4.7	7.6
NE	.4	1.1	1.4									2.9	6.1
ENE	.4	.7	.4									.9	5.1
E	.2		.4	.2								.7	6.0
ESE	1.1	2.5	.9	.2								4.7	5.1
SE	1.8	2.2	4.5	3.4	.4							12.7	6.7
SSE	1.1	2.5	3.4	3.1	.5							13.7	6.9
S	1.6	.5	.5	.7								3.4	6.4
SSW	.9	1.3	1.1	1.6								4.9	4.4
SW	.7	1.3	1.4	3.1	.2							6.7	4.8
WSW	.7	1.1	2.4	1.8	1.6							7.8	10.7
W	1.1	2.5	2.5	3.6	2.9	.2						17.8	11.3
WNW	.7	1.1	3.3	1.1	.7							6.3	4.9
NW	.2	1.7	2.2	.5	.4							4.3	4.0
NNW	.5	1.1	.9	.5								3.1	7.4
VARIABLE													
CALM	////////////////////											17.5	////
TOTALS	11.9	20.6	28.4	21.7	6.7	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 553

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM WY

PERIOD OF RECORD: 78-86
 MONTH: DEC HOURS(LST): 1700-1900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.0	2.4	2.4	.2								7.0	5.7
NNE	1.0	1.2	2.6	.6								5.4	6.9
NE	.2	1.4	.8									2.4	5.8
ENE	.6	.4										1.0	3.2
E		.6	.2									.8	5.3
ESE	.4	.4	.6	.2	.2							1.8	7.9
SE	.6	2.4	4.6	1.6	.2							9.8	8.0
SSE	.2	1.2	1.6	1.6		.2						4.8	9.5
S	.8	1.2	1.0	1.6	.4							4.8	8.6
SSW	.4	1.2	1.8	.6	.8							4.8	8.9
SW	.2	1.4	2.4	3.2	.6							7.8	10.5
WSW	.4	1.4	2.2	3.0	1.4	.4	.2					9.0	12.2
W	1.2	3.6	5.8	5.8	3.0							19.7	11.0
WNW	.6	1.6	3.6	2.2	.2	.4						8.6	9.8
NW	.6	1.4	1.2	1.6	.4							5.6	9.7
NNW	.2	.4	.6		.2							1.4	7.4
VARIABLE													
CALM	////////////////////											6.0	////
TOTALS	9.4	22.7	51.3	22.1	7.4	1.0	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 502

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 74370J STATION NAME: FT DRLM NY

PERIOD OF RECORD: 78-85
 MONTH: DEC HOURS(UT): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.3	2.9	2.2	.3								5.8	6.6
NNE	1.3	2.9	1.9	.6								6.7	6.7
NE		.3	1.0									1.3	7.0
ENE	.3	.6										1.0	4.7
E		.3										.7	5.0
ESE	.3	1.3	1.6									2.2	6.2
SF		3.2	2.2	1.6	.3							7.4	9.5
SSE	.3	2.6	2.2	1.3								6.4	7.5
S	.6	2.7	1.9	1.6	.3							6.7	7.7
SSW		.6	1.6	1.0	.6	.3						4.7	11.9
SW	1.3	1.3	1.6	1.0								5.1	6.9
WSW	1.0	1.0	1.9	2.6	.3	.3						7.1	10.0
W	.6	2.9	6.7	6.7	2.9	.3						20.7	11.7
WNW	2.2	2.2	2.6	2.6								9.6	7.5
NW	1.0	2.6	.3	1.3								4.9	6.4
NNW	1.0	.3	.3	.6								2.2	6.4
VARIABLE													
CALM	////////////////////											8.0	////
TOTALS	10.3	27.2	28.2	20.8	9.5	1.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 312

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 74-86
 MONTH: DEC HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.9	1.4	1.7	.6								4.7	6.8
NNE	.7	1.8	2.2	.6								5.3	7.0
NE	.2	1.0	1.0									2.2	6.2
NNE	.4	.3	.1									.9	4.0
E	.2	.3	.2	.1								.7	5.6
ESE	.7	1.6	.9	.1	.1							3.3	5.8
SE	1.3	2.8	4.2	2.5	.3							11.1	8.7
SSE	.7	1.9	2.5	2.2	.2	.1						7.6	8.8
S	1.2	1.2	.9	1.2	.2							4.8	7.3
SSW	.4	1.1	1.4	1.0	.4	.1						4.4	9.2
SW	.7	1.4	1.8	2.4	.4							6.7	9.4
WSW	.8	1.0	2.1	2.2	1.1	.2	.1					7.5	11.0
W	.9	3.1	4.6	5.0	2.7	.1	.1					16.6	11.1
WNW	1.0	1.3	3.0	1.8	.4	.1						7.8	8.9
NW	.7	1.4	1.4	1.0	.3							4.9	8.1
NNW	.5	.6	.7	.4	.1							2.2	7.2
VARIABLE													
CALM	////////////////////											9.9	////
TOTALS	11.4	22.6	28.7	21.0	6.0	.5	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 1626

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-87
 MONTHS: ALL HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	3.0	3.2	.7	.0							8.4	6.5
NNE	.7	1.8	2.2	.8	.1							5.6	7.4
NE	.5	.9	.9	.3	.0							2.8	5.9
ENE	.4	.4	.3	.1	.0							1.1	5.3
E	.4	.5	.2	.1	.0							1.2	5.1
ESE	.9	1.1	.7	.2	.0							2.8	5.3
SE	1.6	2.9	3.5	1.3	.2	.0						9.4	7.2
SSE	.9	1.8	2.0	1.1	.2	.0	.0					6.0	7.6
S	.9	1.0	1.4	.7	.2	.7						4.0	7.9
SSW	.4	.8	1.3	.9	.1	.0						3.5	9.3
SW	.5	1.3	2.3	1.6	.3	.0						6.1	9.1
WSW	.5	1.4	4.3	3.6	.6	.1	.0					11.1	9.9
W	1.3	3.7	6.1	4.5	1.0	.2	.0					16.8	9.4
WNW	.9	1.2	2.0	.2	.1	.0	.0					5.4	7.3
NW	.8	1.2	1.5	.5	.0	.0						4.5	6.7
NNW	.7	1.6	1.4	.4	.0							4.1	6.4
VARIABLE													
CALM	////////////////////											7.0	////
TOTALS	12.8	26.1	33.4	17.4	2.9	.5	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 23218

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT GRUM VY

PERIOD OF RECORD: 78-87
 MONTHS: ALL HOURS(DST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE
 AND/OR
 CEILINGS 210 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	3.6	4.5	1.9	.1							10.7	6.4
NNE	.7	2.1	2.1	1.4	.7							6.8	7.9
NE	.5	1.3	1.3	1.1	.7							4.9	8.6
NNE	.5	.5	.5	.1								1.7	5.4
E	.7	.5	.3	.1								1.0	5.6
ESE	.7	.9	.9	.1								2.1	5.0
SE	1.7	2.9	1.9	1.4	.4	.7						7.0	7.8
SSE	.7	1.9	.9	.9	.1	.1						4.1	7.8
S	.6	.6	.5	.7		.7						1.8	6.0
SSW	.5	.9	1.0	.5	.1	.1						2.7	8.0
SW	.5	1.1	2.4	1.4	.7	.1						6.3	9.5
WSW	.5	2.1	4.2	4.7	.7	.7	.0					13.1	10.7
W	1.5	3.5	6.1	5.1	1.4	.5						18.1	9.9
WNW	1.7	1.7	2.0	.4	.1		.0					5.5	7.2
NW	.9	1.6	1.4	.4		.7						4.3	6.2
NNW	.8	1.7	1.7	.3	.0							4.2	6.1
VARIABLE													
CALM	////////////////////											6.4	////
TOTALS	17.0	25.6	31.6	19.7	3.6	1.7	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 3449

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER TENTHS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO TENTHS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	4/10
OVERCAST	-	10/10
UNSCALED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM WY

PERIOD OF RECORD: 72-97
 MONTH: JAN HOURS: 0101-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3 1/2	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	
NO CEIL	11.3	29.7	30.2	30.2	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.4	31.4	31.4
GE 20000	12.5	31.6	32.3	32.3	33.0	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.5
GE 18000	12.5	31.6	32.3	32.3	33.0	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.5
GE 16000	12.5	31.6	32.3	32.3	33.0	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.5
GE 14000	12.7	32.1	32.8	32.8	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	34.0	34.0	34.0	34.0
GE 12000	13.0	33.0	33.7	33.7	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.9	34.9	34.9	34.9
GE 10000	13.0	33.4	33.1	36.1	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.2
GE 9000	13.0	33.4	33.1	36.1	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.2
GE 8000	13.4	39.2	40.1	40.1	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.3	41.3	41.3	41.3
GE 7000	13.4	40.6	41.5	41.5	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.7	42.7	42.7	42.7
GE 6000	13.9	41.0	42.0	42.0	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.2	43.2	43.2	43.2
GE 5000	15.1	43.6	44.6	44.6	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.8	45.8	45.8	45.8
GE 4500	15.1	43.9	45.3	45.3	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.7	46.7	46.7	46.7
GE 4000	15.3	45.5	45.9	47.4	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.6	48.6	48.6	48.6
GE 3500	16.3	48.6	50.0	50.5	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.7	51.7	51.7	51.7
GE 3000	16.5	55.7	58.0	58.7	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.0
GE 2500	17.9	59.7	62.7	63.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.9	64.9	64.9	64.9
GE 2000	18.6	64.4	64.4	69.8	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.2	73.2	73.2	73.2
GE 1800	18.6	64.6	69.6	70.0	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.2	73.2	73.2	73.2
GE 1500	18.6	66.3	71.0	72.4	75.7	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7
GE 1200	18.6	67.0	71.9	74.1	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.1	77.1	77.1	77.1
GE 1000	18.6	67.9	72.9	75.2	79.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.4	81.4	81.4	81.4
GE 900	18.6	67.9	72.9	75.2	79.7	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.7	81.7	81.7	81.7
GE 800	18.6	68.2	73.3	75.7	79.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.1	82.1	82.1	82.1
GE 700	18.6	68.2	73.6	75.9	80.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.6	82.6	82.6	82.6
GE 600	18.6	68.4	74.1	76.7	81.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6
GE 500	18.6	68.6	74.3	76.7	81.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8	83.8	83.8
GE 400	18.6	68.6	74.3	76.9	81.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8	83.8	83.8
GE 300	18.6	68.6	74.3	76.9	81.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8	83.8	83.8
GE 200	18.6	68.6	74.3	76.9	81.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8	83.8	83.8
GE 100	18.6	68.6	74.3	76.9	81.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8	83.8	83.8

TOTAL NUMBER OF OBSERVATIONS: 404

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743707 STATION NAME: FT DRLM WY

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(UT): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1/2	3/8	5/8	3/4	7/8	1	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	9.6	31.9	31.8	32.6	33.3	33.0	33.2	33.2	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000	9.8	35.5	35.4	37.2	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9
GE 18000	9.8	35.5	35.4	37.2	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9
GE 16000	9.8	35.5	35.4	37.2	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9
GE 14000	9.8	35.6	35.6	37.3	37.8	37.8	37.9	37.9	37.9	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1
GE 12000	9.8	36.1	37.2	37.9	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7
GE 10000	10.1	38.6	39.6	40.6	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3
GE 9000	10.6	39.3	40.4	41.3	41.8	41.8	41.9	41.9	41.9	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1
GE 8000	11.2	43.9	45.3	45.9	46.4	46.7	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0
GE 7000	11.4	45.2	45.7	47.6	48.1	48.4	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7
GE 6000	11.8	46.5	48.1	49.0	49.5	49.8	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1
GE 5000	12.3	47.6	49.2	50.1	50.5	50.8	51.0	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2
GE 4500	12.4	48.7	50.2	51.2	51.6	51.9	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2
GE 4000	12.6	50.1	51.6	52.5	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2
GE 3500	13.7	52.7	54.2	55.3	56.1	56.5	56.8	56.8	56.8	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0
GE 3000	13.7	56.2	59.3	60.4	61.7	61.9	62.4	62.4	62.4	62.4	62.4	62.8	62.8	62.8	62.8	62.8	62.8
GE 2500	14.1	59.1	62.4	63.7	64.8	65.4	65.9	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5
GE 2000	14.4	62.5	65.4	68.0	69.7	70.8	71.4	72.0	72.0	72.0	72.0	72.8	73.1	73.1	73.1	73.1	73.1
GE 1800	14.7	62.4	65.7	68.5	70.4	71.4	72.0	72.8	73.0	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 1600	14.7	64.7	69.3	71.3	73.1	74.5	75.7	77.3	77.6	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 1400	14.7	65.4	69.9	72.0	74.7	75.9	77.5	78.8	79.1	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1200	14.7	65.9	70.4	72.5	75.1	76.8	79.3	81.9	82.3	84.5	84.8	84.8	85.1	85.1	85.1	85.1	85.1
GE 1000	14.7	65.9	71.4	72.7	75.4	77.1	79.6	82.3	82.8	85.1	85.4	85.6	85.9	85.9	85.9	85.9	85.9
GE 900	14.9	65.2	71.5	73.5	76.5	78.2	80.8	83.9	84.3	87.1	87.7	87.7	88.2	88.2	88.2	88.2	88.2
GE 800	14.9	65.8	71.6	74.1	77.6	79.4	82.7	85.1	85.7	88.6	89.6	89.6	90.0	90.0	90.0	90.0	90.0
GE 700	14.9	67.1	72.3	74.5	78.5	80.6	83.4	86.9	87.6	90.9	92.2	92.2	92.8	92.8	92.8	92.8	92.8
GE 600	14.9	67.4	72.4	75.3	79.1	81.3	84.1	88.2	88.8	92.2	93.5	93.5	94.5	94.5	94.5	94.5	94.5
GE 500	14.9	67.4	72.4	75.3	79.1	81.3	84.1	88.2	88.8	92.2	93.5	93.5	94.5	94.5	94.5	94.5	94.5
GE 400	14.9	67.7	72.5	75.1	79.4	81.6	84.6	88.8	89.4	92.9	95.1	95.2	96.6	97.1	97.8	98.2	98.2
GE 300	14.9	67.6	72.5	75.1	79.4	81.6	84.6	88.9	89.6	93.2	95.5	95.7	97.1	97.5	98.5	98.9	98.9
GE 200	14.9	67.6	72.5	75.1	79.4	81.6	84.6	88.9	89.6	93.2	95.5	95.7	97.2	97.7	98.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 551

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DREW NY

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	12.1	34.0	34.0	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	
GE 20000	13.8	38.4	39.4	39.3	39.3	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
GE 18000	13.8	38.4	39.4	39.3	39.3	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
GE 16000	13.8	38.4	39.4	39.3	39.3	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
GE 14000	13.8	38.4	39.4	39.3	39.3	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
GE 12000	13.9	39.0	39.2	40.1	40.1	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	
GE 10000	15.0	43.1	43.3	44.4	44.4	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	
GE 9000	15.2	43.7	43.9	45.0	45.0	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	
GE 8000	15.2	46.2	45.5	47.6	47.6	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	
GE 7000	15.2	46.6	45.9	48.0	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	
GE 6000	15.2	46.7	47.0	48.1	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	
GE 5000	16.1	49.1	49.4	50.5	50.6	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
GE 4500	16.3	50.5	50.8	51.9	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
GE 4000	16.8	52.7	53.0	54.5	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
GE 3500	16.9	55.2	55.5	57.1	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
GE 3000	17.2	58.0	58.9	61.3	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
GE 2500	18.5	62.2	63.3	66.3	66.9	67.1	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	
GE 2000	18.7	63.6	65.0	68.3	69.6	69.7	70.5	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
GE 1800	18.8	63.8	65.2	68.5	69.7	69.9	70.7	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	
GE 1500	19.0	65.0	65.9	70.8	72.3	72.4	73.7	74.6	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
GE 1200	19.1	65.4	67.4	71.5	73.0	73.4	74.9	76.2	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 1000	19.4	66.9	69.1	73.4	75.4	75.7	78.7	80.9	81.5	83.1	83.2	83.2	83.4	83.4	83.5	83.5	
GE 900	19.4	67.1	69.4	73.8	76.0	76.3	79.5	81.8	82.4	84.0	84.2	84.2	84.3	84.3	84.5	84.5	
GE 800	19.4	67.9	70.2	74.9	77.4	77.7	81.5	84.3	85.3	88.2	88.9	88.9	89.0	89.0	89.2	89.2	
GE 700	19.4	68.3	70.7	75.9	78.5	78.8	82.6	85.6	86.5	89.7	90.4	90.4	90.6	90.6	90.8	90.8	
GE 600	19.4	68.7	71.0	75.2	78.4	79.2	83.5	86.7	87.8	91.2	92.2	92.2	92.3	92.3	92.8	92.8	
GE 500	19.4	69.0	71.3	76.8	79.9	80.4	85.3	88.9	90.0	93.7	94.7	94.8	95.1	95.1	95.9	95.9	
GE 400	19.4	69.1	71.5	77.0	80.1	80.7	85.7	89.5	90.8	94.5	95.5	95.6	96.6	96.6	97.5	97.5	
GE 300	19.4	69.1	71.5	77.0	80.1	80.7	85.7	89.5	90.8	94.7	95.4	95.9	96.9	97.2	98.4	98.7	
GE 200	19.4	69.1	71.5	77.0	80.1	80.7	85.7	89.8	91.1	95.1	96.4	96.6	97.6	98.0	99.2	99.7	
GE 100	19.4	69.1	71.5	77.0	80.1	80.7	85.7	89.8	91.1	95.3	96.6	96.7	98.0	98.3	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 638

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS: 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3 2 1/2	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	11.1	36.7	35.9	37.3	37.3	37.3	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 20000	12.7	40.6	40.8	41.2	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 18000	12.7	40.6	40.8	41.2	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 16000	12.7	40.6	40.8	41.2	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 14000	12.7	40.6	40.8	41.2	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 12000	12.7	40.6	40.8	41.2	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 10000	13.9	45.3	45.7	46.1	46.1	46.1	46.1	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 9000	13.9	45.7	45.1	46.5	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 8000	14.3	47.7	49.0	48.4	48.4	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 7000	14.3	48.2	49.8	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 6000	14.5	48.6	49.2	50.2	50.2	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 5000	14.8	49.8	50.4	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 4500	14.8	50.4	51.0	52.0	52.0	52.0	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 4000	15.4	53.3	53.9	54.9	54.9	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 3500	15.8	54.7	55.5	56.4	56.4	56.8	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 3000	16.2	57.8	59.4	60.7	60.7	61.5	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 2500	17.2	61.7	63.5	64.8	65.4	66.2	66.4	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 2000	17.2	63.9	65.5	68.3	68.4	69.7	69.9	70.5	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 1800	17.2	64.6	67.4	68.8	69.7	70.7	71.1	71.7	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1500	17.6	66.4	70.3	71.7	73.1	74.2	75.4	76.4	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1200	18.0	67.2	71.3	73.0	75.4	76.6	78.1	79.5	80.1	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1000	18.0	68.6	73.0	75.2	78.1	79.5	81.6	84.2	85.0	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 900	18.0	68.6	73.2	75.8	79.5	81.1	83.4	86.1	86.9	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 800	18.0	68.6	73.2	76.0	79.9	81.4	84.0	86.9	87.7	89.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 700	18.0	68.6	73.4	76.2	80.5	82.2	84.8	87.7	88.5	90.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 600	18.0	68.6	73.6	76.4	80.7	82.8	85.7	88.7	89.6	91.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	18.0	68.6	73.8	76.8	81.1	83.2	86.3	89.8	90.8	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 400	18.0	68.6	73.8	76.9	81.1	83.6	86.7	90.6	91.6	93.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 300	18.0	68.6	73.8	76.8	81.1	83.6	86.7	90.8	91.8	94.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 200	18.0	68.6	73.8	76.4	81.1	83.6	86.7	90.8	91.8	94.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 100	18.0	68.6	73.8	76.8	81.1	83.6	86.7	90.8	91.8	94.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 0	18.0	68.6	73.8	76.8	81.1	83.6	86.7	90.8	91.8	94.5	96.1	96.1	96.1	96.1	96.1	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 512

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM WY

PERIOD OF RECORD: 79-87

MONTH: JAN HOURS: 1511: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	10.7	32.9	33.3	33.8	34.1	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.4
GE 20000	12.1	36.8	37.2	37.8	38.1	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4
GE 18000	12.1	36.8	37.2	37.8	38.1	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4
GE 16000	12.1	36.8	37.2	37.8	38.1	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4
GE 14000	12.2	36.9	37.3	37.9	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5
GE 12000	12.3	37.4	37.9	38.5	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1
GE 10000	12.9	40.8	41.4	42.1	42.3	42.4	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.7
GE 9000	13.1	41.3	41.9	42.6	42.8	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 8000	13.5	44.5	45.2	45.9	46.2	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6
GE 7000	13.5	45.4	46.2	47.0	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7
GE 6000	13.8	46.0	46.9	47.7	48.0	48.1	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4
GE 5000	14.5	47.8	48.6	49.4	49.8	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2
GE 4500	14.6	48.7	49.5	50.5	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2
GE 4000	15.0	50.7	51.6	52.7	53.1	53.3	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6
GE 3500	15.6	53.1	54.1	55.1	55.6	55.9	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2
GE 3000	15.8	57.0	58.9	60.4	61.0	61.3	61.7	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0
GE 2500	16.9	60.7	63.0	64.7	65.5	65.9	66.3	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
GE 2000	17.1	63.6	65.9	68.4	70.0	70.7	71.2	71.8	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4
GE 1800	17.2	63.9	66.4	68.9	70.5	71.1	71.8	72.4	72.5	72.9	73.0	73.0	73.1	73.1	73.1	73.1
GE 1500	17.3	65.5	69.1	71.4	73.3	74.2	75.5	76.8	77.1	77.7	77.9	77.9	78.0	78.0	78.0	78.0
GE 1200	17.5	66.1	69.9	72.5	74.7	75.9	77.5	79.2	79.6	80.4	80.7	80.7	80.8	80.8	80.8	80.8
GE 1000	17.6	67.2	71.1	73.9	76.5	77.9	80.4	83.1	83.6	85.3	85.7	85.7	85.9	85.9	85.9	85.9
GE 900	17.6	67.2	71.2	74.2	77.3	78.6	81.2	84.0	84.5	86.5	86.8	86.8	87.1	87.1	87.1	87.1
GE 800	17.6	67.6	71.7	74.9	78.2	79.5	82.4	85.4	86.1	88.7	89.5	89.5	89.8	89.8	89.8	89.8
GE 700	17.6	67.9	72.1	75.4	79.7	80.4	83.4	86.4	87.1	89.9	90.9	91.9	91.1	91.1	91.1	91.1
GE 600	17.6	68.1	72.5	75.8	79.6	81.2	84.4	87.7	88.4	91.6	92.7	92.8	93.1	93.1	93.1	93.1
GE 500	17.6	68.4	72.8	76.3	80.7	81.9	85.4	89.0	89.8	93.1	94.3	94.4	95.0	95.0	95.0	95.0
GE 400	17.6	68.4	72.8	76.3	80.7	82.1	85.6	89.5	90.3	93.7	95.2	95.3	96.4	96.6	96.7	96.7
GE 300	17.6	68.4	72.9	76.4	80.4	82.2	85.7	89.6	90.5	93.9	95.5	95.6	96.8	97.1	97.2	97.2
GE 200	17.6	68.4	72.9	76.4	80.4	82.2	85.7	89.8	90.6	94.2	95.9	96.0	97.4	97.6	97.7	97.7
GE 100	17.6	68.4	72.9	76.4	80.4	82.2	85.7	89.8	90.6	94.2	95.9	96.0	97.4	97.6	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS: 2225

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 74570 STATION NAME: FT. DRUM, KY

PERIOD OF RECORD: 79-87
 MONTH: FEB HOURS(LST): 0900-1100

CEILING	VISIBILITY IN STATUTE MILES																		
	IN		FEET		5/8		3/4		1/2		1/4		1/8		3/16		1/16		
	1	1/2	1	1/2	1	1/2	1	1/2	1	1/2	1	1/2	1	1/2	1	1/2	1	1/2	
NO CEILING	100.0	94.6	85.7	76.9	67.7	57.0	42.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
> 20000	17.7	41.1	42.3	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
18000	17.7	41.1	42.3	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
16000	17.7	41.1	42.3	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
14000	13.2	41.1	42.3	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
12000	13.2	41.5	43.7	43.9	44.1	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
10000	19.1	49.5	45.4	45.6	46.4	46.9	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
9000	19.9	49.5	47.1	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	47.4	47.4	47.4
8000	15.0	46.8	53.3	53.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
7000	17.9	44.5	51.9	52.2	52.6	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	52.7
6000	23.0	44.5	52.5	52.4	52.7	52.7	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
5000	28.1	53.5	54.1	54.4	54.9	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
4000	28.2	51.2	54.8	55.1	55.5	55.5	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
3000	16.4	54.1	54.2	54.5	54.9	54.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
2000	33.7	57.0	61.4	61.4	62.6	62.6	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
1000	33.7	57.1	63.2	63.6	64.9	64.8	64.1	64.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
> 100	37.5	61.8	63.1	73.6	73.7	73.5	73.5	73.9	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
100	38.1	63.5	63.8	73.2	73.7	73.3	74.7	80.0	80.2	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
200	34.1	63.6	73.3	73.7	73.1	73.1	73.5	79.2	80.9	81.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
300	31.1	64.9	73.5	73.5	74.4	74.4	74.4	81.7	81.8	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
400	17.4	64.8	73.7	73.4	74.4	74.4	74.4	81.5	81.9	85.7	85.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
500	24.1	67.5	73.8	76.3	81.6	81.9	85.7	87.7	88.1	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
600	22.1	67.5	73.7	75.4	81.3	81.8	86.7	88.7	89.1	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
700	18.1	66.7	73.4	77.5	83.4	84.1	87.7	90.4	90.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
800	16.9	66.9	73.7	74.3	80.1	84.8	88.7	91.5	92.0	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
900	16.9	66.5	73.5	74.5	84.5	85.5	89.4	92.3	92.8	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1000	11.1	68.7	74.2	74.5	84.7	85.7	89.6	92.5	93.0	95.9	95.9	96.1	96.1	96.4	97.1	97.3	97.3	97.3	97.3
1200	11.1	68.7	74.7	74.5	84.7	85.8	89.8	92.7	93.2	96.4	96.6	96.9	97.6	97.8	97.8	97.8	97.8	97.8	97.8
1400	11.1	68.5	74.2	74.5	84.8	85.8	89.9	92.8	93.3	96.8	96.9	97.1	97.4	98.1	98.3	98.6	98.6	98.6	98.6
1600	11.1	68.4	74.2	74.5	84.9	85.8	89.9	92.8	93.3	96.9	97.1	97.4	98.1	98.3	98.5	98.8	98.8	98.8	98.8
1800	11.1	68.4	74.2	74.5	84.9	85.8	89.9	92.8	93.3	96.9	97.1	97.4	98.1	98.3	98.5	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 1346

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE 10	GE 6	GE 5	GE 4	GE 3	2	1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	1/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.9	76.6	37.5	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 20000	13.1	40.8	41.9	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 18000	13.1	40.8	41.9	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 16000	13.1	40.8	41.9	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 14000	13.1	41.0	42.1	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 12000	13.1	41.4	42.4	42.6	42.9	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
GE 10000	14.1	43.8	44.9	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 9000	14.1	44.5	45.5	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	45.9	45.9
GE 8000	15.0	46.8	48.2	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 7000	15.5	48.7	50.3	50.4	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 6000	16.1	49.9	51.5	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 5000	16.9	51.5	53.1	53.2	53.9	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
GE 4500	17.1	52.2	53.8	53.9	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 4000	17.3	54.1	55.0	56.4	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 3500	18.2	57.4	59.9	60.2	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 3000	18.2	63.7	65.9	67.5	68.7	68.4	68.6	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 2500	18.7	64.7	69.5	70.7	71.7	71.9	72.1	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9
GE 2000	19.8	66.0	71.4	73.5	75.2	75.9	77.0	77.8	77.8	77.8	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1800	19.5	66.6	72.3	74.3	76.1	76.8	78.0	78.9	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1600	19.7	69.6	75.7	78.0	81.3	82.4	83.6	85.2	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1400	19.9	70.7	75.4	79.1	82.3	83.8	85.2	87.3	87.3	87.4	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	19.9	71.7	79.0	80.5	84.4	86.0	88.3	90.6	90.8	91.3	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8
GE 1000	20.7	71.8	79.5	81.0	85.3	86.6	88.8	91.4	91.6	92.1	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7
GE 900	20.9	72.1	79.9	81.8	86.6	87.8	90.1	92.7	92.8	93.9	94.9	94.9	94.9	95.3	95.3	95.5	95.5	95.5
GE 800	20.4	72.1	79.6	82.0	86.7	88.0	90.2	92.8	93.0	94.1	95.1	95.1	95.1	95.5	95.5	95.6	95.6	95.6
GE 600	20.4	72.1	79.6	82.0	86.7	88.1	90.8	93.4	93.5	94.8	95.8	95.8	95.8	96.3	96.3	96.5	96.5	96.5
GE 500	20.4	72.1	79.6	82.0	86.7	88.1	90.8	93.4	93.5	95.1	96.5	96.5	96.5	97.0	97.0	97.2	97.2	97.2
GE 400	20.4	72.1	79.6	82.0	86.7	88.1	90.9	93.5	93.7	95.3	96.9	96.9	96.9	97.6	97.6	97.7	97.7	97.7
GE 300	20.4	72.1	79.6	82.0	86.7	88.3	91.1	93.7	93.9	95.6	97.2	97.2	97.2	99.1	99.1	99.5	99.5	99.5
GE 200	20.4	72.1	79.6	82.0	86.7	88.3	91.1	93.7	93.9	95.6	97.2	97.2	97.2	99.1	99.1	99.5	99.5	99.7
GE 100	20.4	72.1	79.6	82.0	86.7	88.3	91.1	93.7	93.9	95.6	97.2	97.2	97.2	99.1	99.1	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 573

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	15.4	39.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	16.4	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	45.0	45.0
GE 18000	16.4	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	45.0	45.0
GE 16000	16.4	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	45.0	45.0
GE 14000	16.4	44.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 12000	16.4	44.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 10000	17.1	46.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 9000	17.1	46.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 8000	17.1	49.9	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	51.1
GE 7000	17.6	51.6	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	52.8
GE 6000	18.3	53.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 5000	19.1	54.5	56.2	56.2	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 4500	19.3	56.0	57.7	57.7	57.9	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 4000	19.6	57.9	59.9	59.9	60.1	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 3500	19.8	59.7	61.9	62.1	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 3000	20.0	65.8	69.4	70.2	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 2500	21.3	68.7	73.1	73.8	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 2000	21.8	71.1	75.3	77.3	79.0	79.2	79.7	80.2	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4
GE 1800	21.8	71.1	75.3	77.3	79.0	79.2	79.7	80.2	80.4	80.4	80.4	80.7	80.7	80.7	80.7	80.7
GE 1500	21.8	72.4	78.0	79.0	81.2	81.4	82.4	83.4	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9
GE 1200	21.8	73.6	79.5	80.7	83.4	83.6	84.9	86.3	86.8	87.3	87.5	87.5	87.5	87.5	87.5	87.5
GE 1000	21.8	74.1	80.0	81.2	84.6	84.8	87.0	88.5	89.2	90.7	91.2	91.2	91.2	91.2	91.2	91.2
GE 900	21.8	74.1	80.0	81.2	84.6	84.8	87.0	88.5	89.2	90.7	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	22.2	74.8	81.2	82.6	85.9	86.1	88.3	89.7	90.5	92.2	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	22.2	74.8	81.2	82.6	86.1	86.3	88.8	90.2	91.0	92.9	93.6	93.9	94.1	94.1	94.4	94.4
GE 600	22.2	74.8	81.2	82.6	86.3	86.6	89.2	91.0	91.7	93.9	94.6	94.9	95.1	95.1	95.4	95.4
GE 500	22.2	74.8	81.2	82.6	86.4	87.0	90.0	91.7	92.4	94.9	96.1	96.3	96.6	96.6	96.9	96.8
GE 400	22.2	74.8	81.2	82.6	87.0	87.3	90.5	92.2	92.9	95.6	96.8	97.1	97.8	97.8	98.0	98.0
GE 300	22.2	74.8	81.2	82.6	87.3	87.5	90.7	92.4	93.2	95.8	97.1	97.3	98.5	98.5	98.8	98.8
GE 200	22.2	74.8	81.2	82.6	87.0	87.5	90.7	92.4	93.2	95.8	97.1	97.3	98.8	98.8	99.3	99.5
GE 100	22.2	74.8	81.2	82.6	87.0	87.5	90.7	92.4	93.2	95.8	97.1	97.3	98.8	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 409

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2 1/4	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	14.3	36.9	39.0	38.1	39.7	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 20000	15.1	41.2	42.5	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	42.7
GE 18000	15.1	41.2	42.5	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	42.7
GE 16000	15.1	41.2	42.5	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	42.7
GE 14000	15.1	41.4	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 12000	15.2	42.1	43.5	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 10000	16.0	44.2	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 9000	16.1	44.8	45.4	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 8000	16.4	47.2	49.2	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 7000	16.9	48.8	51.0	51.1	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 6000	17.2	49.7	51.9	52.0	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 5000	18.0	51.8	54.0	54.2	54.5	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 4500	18.3	52.6	54.3	55.0	55.4	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 4000	18.7	55.2	57.8	58.0	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 3500	19.7	58.2	61.3	61.6	62.2	62.3	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 3000	19.8	62.8	67.1	68.0	69.0	69.2	69.3	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 2500	20.4	64.9	70.0	71.6	73.0	73.3	73.7	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2000	20.7	66.6	72.4	74.5	76.9	77.6	78.7	79.6	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1800	21.0	67.1	72.9	75.1	77.5	78.1	79.3	80.3	80.4	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1500	21.1	68.4	74.7	77.0	80.4	81.2	82.7	84.2	84.3	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	21.2	69.5	75.9	76.3	82.2	83.0	84.7	86.6	86.9	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1000	21.2	69.6	75.8	79.3	83.7	84.5	87.1	89.3	89.6	90.8	91.7	91.3	91.4	91.4	91.4	91.5	91.5	91.5
GE 900	21.3	70.1	77.1	79.6	84.1	85.1	87.7	90.0	90.4	91.6	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.2
GE 800	21.5	70.5	77.9	80.4	85.7	86.2	88.9	91.3	91.6	93.4	94.0	94.1	94.3	94.3	94.5	94.5	94.5	94.5
GE 700	21.5	70.6	79.7	80.7	85.5	86.6	89.4	91.8	92.2	94.1	94.7	94.9	95.1	95.2	95.3	95.3	95.3	95.3
GE 600	21.5	70.8	79.3	81.0	85.9	87.1	90.1	92.6	93.0	95.0	95.6	95.9	96.1	96.2	96.3	96.3	96.3	96.3
GE 500	21.5	70.8	79.3	81.0	86.7	87.3	90.4	92.9	93.3	95.5	96.3	96.6	97.0	97.0	97.1	97.1	97.1	97.1
GE 400	21.5	70.8	79.3	81.0	86.7	87.4	90.6	93.1	93.5	95.9	96.9	97.1	97.7	97.8	97.9	97.9	97.9	97.9
GE 300	21.5	70.8	79.3	81.1	86.3	87.6	90.8	93.3	93.7	96.2	97.2	97.4	98.7	98.8	99.0	99.1	99.1	99.1
GE 200	21.5	70.8	79.3	81.1	86.3	87.6	90.8	93.3	93.7	96.2	97.3	97.5	98.8	98.9	99.2	99.4	99.4	99.4
GE 100	21.5	70.8	79.3	81.1	86.3	87.6	90.8	93.3	93.7	96.2	97.3	97.5	98.8	98.9	99.5	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 1956

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: MAR HOURS(LST): 0600-0900

CEILING IN FEET	J	GE	GE	GE	GE	GE	GE	GE	VISIBILITY IN STATUTE MILES							
									GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	7/16	1/4
NO CEIL	20.3	40.2	40.9	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 20000	21.0	42.3	43.0	43.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 18000	21.0	42.3	43.0	43.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 16000	21.0	42.3	43.0	43.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 14000	21.0	42.7	43.4	43.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 12000	21.0	43.4	44.1	44.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 10000	22.7	47.2	48.3	48.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 9000	23.1	47.6	48.5	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 8000	23.4	50.3	51.4	52.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 7000	23.8	51.0	52.4	53.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 6000	24.1	51.4	52.9	53.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 5000	24.4	53.5	54.9	55.6	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 4500	25.2	54.2	55.6	56.3	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 4000	26.2	58.0	60.5	61.2	63.3	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 3500	27.6	61.9	65.0	65.7	67.5	68.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 3000	28.3	64.7	69.2	69.2	71.7	72.0	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 2500	29.4	67.5	71.7	72.0	74.5	74.8	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2000	30.1	69.9	73.4	74.8	76.7	79.0	80.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1900	30.1	70.6	74.1	75.5	79.4	79.7	81.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1800	30.1	72.0	75.9	77.6	82.0	82.5	84.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1700	30.1	72.4	75.6	78.7	83.1	83.9	86.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1600	30.1	72.7	75.9	79.4	84.5	85.0	87.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	30.1	72.7	77.5	79.7	84.6	85.3	87.4	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1400	30.1	72.7	77.5	80.1	85.7	86.0	88.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1300	30.1	73.1	78.1	80.4	85.7	86.4	88.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	30.1	73.8	78.7	81.1	86.9	87.4	89.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1100	30.1	73.8	79.7	81.1	86.9	87.4	89.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	30.1	73.8	79.7	81.1	86.9	87.4	89.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	30.1	73.8	79.7	81.1	86.9	87.4	89.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	30.1	73.8	79.7	81.1	86.9	87.4	89.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	30.1	73.8	79.7	81.1	86.9	87.4	89.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	30.1	73.8	79.7	81.1	86.9	87.4	89.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 500	30.1	73.8	79.7	81.1	86.9	87.4	89.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 400	30.1	73.8	79.7	81.1	86.9	87.4	89.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 300	30.1	73.8	79.7	81.1	86.9	87.4	89.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 200	30.1	73.8	79.7	81.1	86.9	87.4	89.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 100	30.1	73.8	79.7	81.1	86.9	87.4	89.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7

TOTAL NUMBER OF OBSERVATIONS: 581

GLOBAL CLIMATOLOGY BRANCH
USAF/CAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 794700 STATION NAME: FT DRUM BY

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS: 11:00 - 11:00

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	19.0	95.7	95.7	96.1	96.1	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
05 200001	19.7	97.7	97.7	98.1	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
05 180001	19.7	97.7	97.7	98.1	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
05 160001	19.7	97.9	97.9	98.2	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
05 140001	19.7	98.2	98.2	98.5	98.5	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
05 120001	19.7	99.1	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05 100001	19.4	91.1	91.3	91.6	91.9	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
05 090001	19.4	91.1	91.3	91.6	91.9	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
05 080001	19.4	91.7	91.6	92.2	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
05 070001	19.1	93.1	93.6	94.1	94.3	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
05 060001	19.9	94.3	94.7	95.1	95.4	95.4	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
05 050001	20.4	95.6	95.9	97.4	97.6	97.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
05 040001	20.5	96.6	97.2	98.4	98.6	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
05 030001	20.7	98.3	98.1	98.8	98.7	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
05 020001	20.9	98.4	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
05 010001	21.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
05 230001	21.5	97.9	98.4	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 220001	21.7	98.2	98.5	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 210001	21.7	98.4	98.4	98.8	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
05 200001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 190001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 180001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 170001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 160001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 150001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 140001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 130001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 120001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 110001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 100001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 090001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 080001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 070001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 060001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 050001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 040001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 030001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 020001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
05 010001	21.9	98.6	98.6	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

CLIMATE DIVISION, WASHINGTON, D.C.
 METEOROLOGICAL SERVICE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 7077 STATION NAME: FT. ORD, ILL.

PERIOD OF RECORD: 79-87
 MONTH: MAR HOURS (LST): 1200-1400

CEILING	VISIBILITY IN STATUTE MILES																
	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4
0	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
1	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	43.9	43.9	43.9	43.9
2	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
4	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
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	54.6	54.6	54.6	54.6
10	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	55.4	55.4	55.4	55.4
11	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
12	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	60.8	60.8	60.8	60.8
13	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
14	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
15	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
16	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
17	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
18	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
19	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
20	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
21	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
22	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
23	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
24	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
25	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
26	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
27	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
28	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
29	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
30	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 520

AD-A190 355

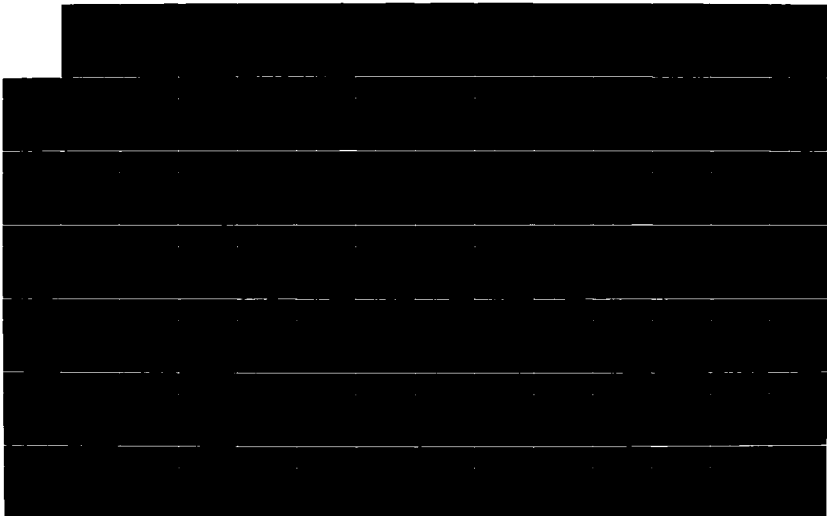
FT DRUM NEW YORK LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOM) PERIODS 2-100 AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. SEP 87
USAF/ETAC/DS-87/837

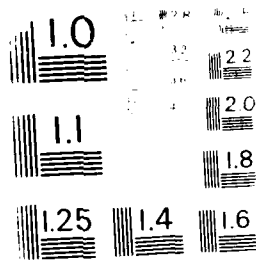
2/2

UNCLASSIFIED

7/C 4/2

NE





Resolution Test Chart
1.0 1.1 1.25 1.4 1.6 1.8 2.0 2.2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM MV

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(EST): 1500-1700

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES										
							GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4		
NO CEIL	17.4	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 20000	18.3	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	41.1	41.1	41.1
GE 18000	18.3	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	41.1	41.1	41.1
GE 16000	18.3	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	41.1	41.1	41.1
GE 14000	18.8	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 12000	18.8	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 10000	20.0	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 9000	20.5	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 8000	20.8	50.1	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	50.4	50.4
GE 7000	21.3	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 6000	21.3	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 5000	22.2	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 4500	22.7	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 4000	23.0	59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 3500	24.7	62.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 3000	25.4	67.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 2500	25.9	72.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 2000	25.9	75.1	75.8	77.0	78.4	78.7	79.0	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1800	25.9	75.3	77.0	77.3	78.7	79.0	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1500	26.2	76.5	79.5	78.7	80.9	81.7	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1200	26.2	79.0	80.9	81.2	83.4	84.6	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	26.2	79.5	82.2	82.4	85.3	86.8	87.8	88.3	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 900	26.2	80.0	82.6	82.9	86.3	87.8	88.8	89.2	89.5	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	26.2	80.4	83.1	83.4	87.7	89.0	90.2	91.0	91.2	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 700	26.2	80.4	83.1	83.4	87.0	89.0	90.2	91.4	91.7	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	26.4	81.2	83.9	84.1	87.5	89.0	91.2	92.9	93.2	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	26.4	81.4	84.1	84.4	89.0	91.2	93.2	94.9	95.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	26.4	81.4	84.1	84.4	89.0	91.2	93.2	94.9	95.4	96.3	96.8	96.8	96.8	97.1	97.6	97.6	97.6
GE 300	26.4	81.4	84.1	84.4	89.0	91.2	93.2	94.9	95.4	96.3	96.8	96.8	96.8	97.1	97.6	97.6	97.6
GE 200	26.4	81.4	84.1	84.4	89.0	91.2	93.2	95.4	95.8	96.6	97.7	97.7	97.7	97.6	98.3	98.3	98.3
GE 100	26.4	81.4	84.1	84.4	89.0	91.2	93.2	95.4	95.8	96.8	97.3	97.3	98.0	98.8	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 409

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: MAR HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.0	41.0	41.1	41.4	41.5	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8
GE 20000	14.5	44.1	44.2	44.5	44.7	44.8	44.8	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 18000	18.5	44.1	44.2	44.5	44.7	44.8	44.8	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 16000	18.5	44.2	44.3	44.6	44.8	44.9	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 14000	18.6	44.6	44.8	45.1	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7
GE 12000	18.8	45.2	45.4	45.7	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3
GE 10000	19.5	48.3	48.6	48.9	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 9000	19.7	48.6	48.9	49.2	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8
GE 8000	20.1	50.8	51.2	51.6	51.9	51.9	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 7000	20.5	51.8	52.4	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 6000	20.9	52.4	53.0	53.3	53.6	53.7	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 5000	21.6	54.3	55.1	55.5	56.1	56.1	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5
GE 4500	21.9	55.3	56.0	56.5	56.9	57.1	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 4000	22.3	58.1	59.3	59.8	60.3	60.6	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 3500	23.2	60.6	62.2	62.7	63.2	63.6	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
GE 3000	24.1	65.8	67.9	68.5	69.3	69.7	70.0	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
GE 2500	24.5	69.5	71.7	72.4	73.3	73.9	74.3	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 2000	24.7	72.3	74.5	75.3	76.4	77.6	78.3	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1
GE 1800	24.7	72.6	74.9	75.6	77.2	78.0	78.7	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5
GE 1500	24.8	74.2	77.2	78.1	80.3	81.2	82.4	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5
GE 1200	24.8	75.6	79.0	80.3	82.6	83.8	85.1	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.6
GE 1000	24.8	76.3	80.0	81.5	84.3	85.6	87.1	88.4	88.6	88.9	89.1	89.1	89.1	89.1	89.1	89.2	89.2
GE 900	24.8	76.8	80.7	82.2	85.2	86.5	88.0	89.4	89.6	89.9	90.3	90.3	90.4	90.4	90.4	90.4	90.4
GE 800	24.8	77.1	81.1	82.6	85.9	87.4	89.1	90.8	91.1	91.5	92.1	92.2	92.3	92.3	92.3	92.4	92.4
GE 700	24.9	77.5	81.5	83.0	86.3	87.8	89.7	91.5	91.9	92.5	93.1	93.2	93.5	93.6	93.7	93.7	93.7
GE 600	24.9	78.0	82.0	83.6	87.0	88.8	90.8	92.8	93.2	94.0	94.7	94.8	95.1	95.2	95.3	95.3	95.4
GE 500	24.9	78.2	82.3	83.8	87.5	89.4	91.7	93.8	94.1	95.0	95.7	95.8	96.3	96.4	96.5	96.6	96.6
GE 400	24.9	78.2	82.3	83.9	87.6	89.5	91.9	94.3	94.8	95.7	96.5	96.6	97.3	97.5	97.6	97.6	97.6
GE 300	24.9	78.2	82.4	83.9	87.7	89.6	92.0	94.6	95.0	96.0	96.8	96.9	97.6	97.6	97.8	98.0	98.1
GE 200	24.9	78.2	82.4	83.9	87.7	89.7	92.1	94.8	95.2	96.5	97.3	97.4	98.3	98.6	98.8	98.9	98.9
GE 100	24.9	78.2	82.4	83.9	87.7	89.7	92.1	94.9	95.4	96.6	97.4	97.5	98.5	98.8	99.3	99.7	99.7
GE 0	24.9	78.2	82.4	83.9	87.7	89.7	92.1	94.9	95.4	96.6	97.4	97.5	98.5	98.8	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1893

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: APR HOURS(LST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	22.6	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	23.2	48.1	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 18000	23.2	48.1	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 16000	23.2	48.1	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 14000	23.2	48.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 12000	23.2	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 10000	24.2	52.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 9000	24.2	52.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 8000	24.8	56.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 7000	25.2	56.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 6000	25.2	56.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 5000	25.2	60.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 4500	26.1	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4000	26.1	65.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 3500	27.4	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3000	28.7	72.3	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2500	29.7	75.2	77.1	77.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2000	30.6	77.4	80.3	81.0	81.9	81.9	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	31.0	78.1	81.0	81.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500	31.3	79.4	82.3	83.2	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200	32.3	80.6	83.5	84.8	86.1	86.1	86.5	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000	32.3	81.0	84.5	85.8	87.4	87.4	87.7	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 900	32.3	81.0	84.5	85.8	87.4	87.4	87.7	89.4	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	32.3	81.3	84.8	86.1	88.1	88.1	88.4	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	32.9	82.3	85.8	87.1	89.0	89.0	89.4	91.3	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	33.2	83.2	85.8	88.1	90.6	91.3	91.9	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 500	34.2	84.2	87.7	89.0	91.9	92.9	93.9	96.1	96.1	96.9	96.9	96.8	97.1	97.1	97.1	97.1
GE 400	34.2	84.2	87.7	89.0	92.6	93.5	94.8	97.1	97.1	97.7	98.1	98.1	98.4	98.4	98.4	98.4
GE 300	34.2	84.2	87.7	89.0	92.9	93.9	95.2	97.4	97.4	98.1	98.4	98.4	98.7	98.7	98.7	98.7
GE 200	34.2	84.2	87.7	89.0	92.9	93.9	95.2	97.4	97.4	98.1	98.4	98.4	99.0	99.0	99.4	99.4
GE 100	34.2	84.2	87.7	89.0	92.9	93.9	95.2	97.4	97.4	98.1	98.4	98.4	99.0	99.0	99.4	99.4
GE 0	34.2	84.2	87.7	89.0	92.9	93.9	95.2	97.4	97.4	98.1	98.4	98.4	99.0	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 310

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: APR HOURS(UT): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	16.1	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	
GE 20000	17.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
GE 18000	17.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
GE 16000	17.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
GE 14000	17.5	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	
GE 12000	17.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	
GE 10000	17.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	
GE 9000	18.2	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	
GE 8000	18.4	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	
GE 7000	18.6	54.0	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
GE 6000	18.8	55.1	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	
GE 5000	19.1	57.4	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	
GE 4500	19.9	58.7	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	
GE 4000	20.4	61.5	62.1	62.3	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	
GE 3500	20.8	65.1	65.7	65.8	66.4	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	
GE 3000	21.3	68.3	69.4	69.6	70.5	70.7	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
GE 2500	21.8	71.0	72.3	72.5	73.7	74.2	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	
GE 2000	22.4	73.9	75.7	75.8	77.3	78.0	78.5	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	
GE 1800	22.7	74.6	75.4	76.6	78.1	78.7	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
GE 1500	23.3	76.7	78.9	79.4	81.6	82.3	82.8	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	
GE 1200	23.6	78.4	80.5	81.0	83.5	84.3	84.8	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	
GE 1000	24.0	79.8	82.5	83.2	86.0	86.8	87.3	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE 900	24.0	80.0	82.8	83.5	86.6	87.3	87.8	89.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
GE 800	24.3	81.2	84.1	85.2	88.4	89.3	89.8	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
GE 700	24.3	81.6	84.6	85.7	89.1	90.0	90.5	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
GE 600	24.3	82.1	85.5	87.1	90.9	92.1	92.8	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 500	24.7	83.0	85.6	88.2	92.8	94.5	95.2	96.1	96.4	96.4	96.8	96.8	97.0	97.1	97.1	97.1	
GE 400	24.7	83.0	85.6	88.6	93.6	95.2	95.9	97.1	97.5	97.5	97.9	97.9	98.0	98.2	98.2	98.4	
GE 300	24.7	83.0	85.6	88.6	93.6	95.2	96.1	97.3	97.7	97.7	98.2	98.2	98.4	98.6	98.6	98.9	
GE 200	24.7	83.0	85.6	88.6	93.6	95.2	96.1	97.3	97.7	97.7	98.2	98.2	98.4	98.6	98.7	99.1	
GE 100	24.7	83.0	85.6	88.6	93.6	95.2	96.1	97.3	97.7	97.7	98.2	98.2	98.4	98.6	98.7	99.1	
GE 01	24.7	83.0	85.6	88.6	93.6	95.2	96.1	97.3	97.7	97.7	97.9	98.4	98.4	98.6	98.7	99.3	

TOTAL NUMBER OF OBSERVATIONS: 559

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.5	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	40.1	40.1
GE 20000	16.7	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 18000	16.7	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 16000	16.7	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 14000	16.7	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 12000	16.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 10000	17.4	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 9000	17.6	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 8000	18.1	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 7000	18.1	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 6000	18.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 5000	18.6	57.5	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 4500	19.0	58.6	59.0	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
GE 4000	19.9	61.1	61.8	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 3500	21.3	64.3	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 3000	22.6	68.6	69.7	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 2500	22.9	72.0	73.3	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 2000	23.5	74.7	75.3	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 1800	23.7	75.4	77.1	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1500	24.2	79.0	81.5	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1200	24.7	80.6	83.3	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1000	24.9	81.7	84.8	85.8	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 900	25.6	82.8	85.0	87.3	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 800	25.6	84.2	87.6	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 700	25.6	84.2	87.6	89.4	90.5	90.9	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	25.6	85.1	89.7	90.5	91.9	92.7	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 500	25.8	86.7	91.0	92.8	94.4	95.2	96.1	96.8	96.8	97.3	98.4	98.4	98.6	98.6	99.1	99.1
GE 400	25.8	86.9	91.2	93.0	94.6	95.3	96.2	97.1	97.1	97.7	98.7	98.7	98.9	98.9	99.5	99.5
GE 300	25.8	86.9	91.2	93.0	94.6	95.3	96.2	97.1	97.1	97.7	98.7	98.7	98.9	98.9	99.5	99.5
GE 200	25.8	86.9	91.2	93.0	94.6	95.3	96.2	97.1	97.1	97.7	98.7	98.7	98.9	98.9	99.5	99.5
GE 100	25.8	86.9	91.2	93.0	94.6	95.3	96.2	97.1	97.1	97.7	98.7	98.7	98.9	98.9	99.5	99.5
GE 0	25.8	86.9	91.2	93.0	94.6	95.3	96.2	97.1	97.1	97.7	98.7	98.7	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: APR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 8	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 5
NO CEIL	17.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 20000	18.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 18000	18.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 16000	18.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 14000	18.8	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 12000	19.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 10000	19.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 9000	20.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 8000	22.3	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	58.7	58.7
GE 7000	22.8	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 6000	23.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 5000	23.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 4500	24.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 4000	25.0	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 3500	26.4	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3000	27.7	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2500	29.5	79.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	29.1	81.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	29.3	81.5	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1500	29.9	85.6	87.0	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	30.2	87.0	88.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	30.2	88.9	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	30.4	89.7	91.6	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	30.4	90.2	92.1	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	30.4	90.2	92.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 600	30.7	90.8	92.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	30.7	91.8	94.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 400	30.7	91.8	94.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 300	30.7	91.8	94.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 200	30.7	91.8	94.0	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 100	30.7	91.8	94.0	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 0	30.7	91.8	94.0	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS: 368

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(EST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	17.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 20000	18.5	47.0	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	47.2	47.2
GE 18000	18.5	47.0	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	47.2	47.2
GE 16000	18.5	47.0	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	47.2	47.2
GE 14000	18.5	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 12000	18.6	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	48.1	48.1	48.1
GE 10000	19.0	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	50.9	50.9
GE 9000	19.6	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	52.3	52.3
GE 8000	20.2	55.4	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	55.8	55.8
GE 7000	20.4	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 6000	20.6	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 5000	21.0	59.1	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	59.6	59.6
GE 4500	21.6	60.3	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	60.8	60.8
GE 4000	22.2	63.1	63.8	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 3500	23.2	66.6	67.3	67.5	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 3000	24.3	70.6	71.6	72.1	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 2500	24.9	73.9	75.2	75.6	76.3	76.4	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8
GE 2000	25.5	76.2	78.1	78.6	79.3	79.6	79.8	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 1800	25.8	76.9	78.7	79.2	80.0	80.2	80.4	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
GE 1500	26.3	79.7	81.9	82.7	83.8	84.0	84.2	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 1200	26.8	81.2	83.5	84.3	85.5	85.8	86.1	86.6	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8
GE 1000	27.0	82.5	85.2	86.0	87.5	87.8	88.1	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	27.2	83.0	85.9	86.8	88.4	88.6	89.0	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	27.4	84.0	87.0	88.1	89.8	90.1	90.5	91.3	91.3	91.3	91.5	91.7	91.7	91.8	91.8	92.0	92.0
GE 700	27.5	84.3	87.3	88.6	90.4	90.8	91.4	92.1	92.2	92.2	92.5	92.7	92.7	92.8	92.8	93.0	93.0
GE 600	27.6	85.0	88.2	89.7	91.4	92.5	93.3	94.3	94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.5	95.5
GE 500	27.9	86.2	89.7	91.2	93.7	94.6	95.5	96.7	96.8	97.0	97.6	97.6	97.6	97.8	97.9	98.1	98.2
GE 400	27.9	86.2	89.7	91.4	94.1	95.0	95.9	97.3	97.4	97.7	98.3	98.3	98.3	98.5	98.6	98.8	98.8
GE 300	27.9	86.2	89.7	91.4	94.2	95.0	96.0	97.4	97.5	97.8	98.4	98.4	98.4	98.7	98.7	99.0	99.0
GE 200	27.9	86.2	89.7	91.4	94.2	95.1	96.1	97.4	97.4	97.5	97.8	98.5	98.5	98.8	98.8	99.2	99.4
GE 100	27.9	86.2	89.7	91.4	94.2	95.1	96.1	97.4	97.5	97.9	98.6	98.6	98.6	98.8	98.9	99.3	99.8
GE 0	27.9	86.2	89.7	91.4	94.2	95.1	96.1	97.4	97.5	97.9	98.6	98.6	98.8	98.8	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 1795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT JRM NY

PERIOD OF RECORD: 79-86
MONTH: MAY HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GF 0
NO CEIL	11.2	39.1	42.6	42.6	43.0	43.0	43.2	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 20000	13.0	43.2	47.3	47.3	47.7	47.7	47.9	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 18000	13.0	43.2	47.3	47.3	47.7	47.7	47.9	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 16000	13.0	43.2	47.3	47.3	47.7	47.7	47.9	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 14000	13.0	43.4	47.5	47.5	47.9	47.9	48.1	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 12000	13.0	44.0	43.1	48.1	48.4	48.4	48.6	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 10000	13.0	46.1	50.4	50.4	50.8	50.8	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 9000	13.4	48.3	52.7	52.9	53.1	53.3	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 8000	13.6	51.9	55.6	57.8	58.3	58.3	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 7000	13.8	54.5	59.3	60.9	61.4	61.4	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 6000	13.8	55.0	60.1	61.6	62.2	62.2	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 5000	14.9	58.7	64.0	65.5	66.1	66.3	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 4500	16.1	61.0	65.5	68.0	68.6	68.8	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 4000	17.2	65.1	72.5	72.7	73.3	73.8	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3500	17.8	67.2	72.9	75.0	75.6	76.2	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3000	18.2	70.0	75.6	77.9	78.7	79.3	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	19.8	71.3	77.7	80.2	81.0	81.6	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	19.4	74.8	81.4	83.9	84.9	85.9	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1800	19.4	75.0	81.5	84.1	85.1	86.0	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1500	19.4	76.0	82.6	85.1	86.4	87.4	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1200	19.4	76.2	82.8	85.3	86.6	87.8	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	19.4	76.7	83.7	86.4	88.0	89.1	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	19.4	77.1	84.1	87.0	88.6	89.7	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 800	19.4	77.3	84.3	87.2	89.1	90.1	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	19.4	77.5	84.5	87.4	89.5	90.7	91.7	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	19.4	77.5	84.7	87.6	89.9	91.1	92.4	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	19.4	77.5	84.7	87.8	90.5	91.9	93.4	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 400	19.4	77.5	84.7	87.8	90.9	92.6	94.4	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 300	19.4	77.7	84.9	88.0	91.1	93.0	95.7	96.7	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 200	19.4	78.1	85.3	88.4	91.7	93.6	96.5	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	19.4	78.1	85.3	88.4	91.7	93.6	96.5	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 0	19.4	78.1	85.3	88.4	91.7	93.6	96.5	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 516

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TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

PERCENTAGE TABULATIONS PRESENTED BY 1-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 73 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY OBSERVATIONS.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB, WET BULB AND DEW POINT TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAF/ITAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM MV

PERIOD OF RECORD: 78-87

HOURLY TEST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	11.9	15.8	28.6	42.8	52.8	59.8	66.1	62.7	54.7	44.1	34.8	24.9	45.4
06-09	SD	14.837	15.338	12.234	10.917	8.610	7.388	6.512	6.827	9.826	10.112	10.601	12.324	10.107
	TOT OBS	424	288	286	310	516	534	547	516	434	415	221	259	475
	MEAN	16.2	21.3	32.1	46.4	58.8	65.9	72.6	69.9	51.5	49.3	39.3	26.7	47.1
09-11	SD	13.703	14.754	12.190	11.540	9.131	7.989	6.268	6.385	8.671	9.690	10.169	12.348	11.798
	TOT OBS	650	586	599	559	640	650	670	633	552	584	428	553	712
	MEAN	20.2	25.6	36.8	50.6	62.5	69.9	76.6	74.1	55.6	53.6	41.4	29.3	51.2
12-14	SD	11.773	13.871	12.365	12.511	9.831	8.424	6.575	6.622	8.487	9.865	10.291	11.683	11.764
	TOT OBS	638	575	599	558	625	651	665	624	553	586	495	502	764
	MEAN	20.2	25.7	37.4	52.4	64.6	70.1	77.9	74.1	55.9	53.3	40.9	29.1	44.9
15-17	SD	11.292	13.073	12.280	12.844	9.805	8.428	6.907	6.733	8.353	9.540	10.112	11.371	11.501
	TOT OBS	512	408	409	368	310	386	366	322	217	259	349	312	628
	MEAN	17.8	22.7	34.2	48.3	59.3	66.3	73.1	70.0	51.7	50.1	39.3	27.7	45.4
ALL	SD	13.116	14.660	12.691	12.350	10.220	9.024	7.876	8.029	9.991	10.481	10.492	12.058	11.722
HOURS	TOT OBS	2224	1957	1893	1795	2091	2221	2248	2095	1754	1844	1563	1626	2721

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-87

HOURS EST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	13.3	15.5	26.9	59.5	48.7	55.4	61.6	59.8	52.7	41.9	33.1	29.5	43.7
06-08	SD	13.891	14.215	11.756	9.130	7.792	6.624	5.768	6.622	9.076	9.430	9.862	11.365	16.703
	TOT OPS	391	281	280	290	498	529	543	510	416	411	221	246	4619
	MEAN	15.9	23.3	29.4	41.4	52.0	59.5	64.7	63.4	56.5	45.1	35.6	25.9	41.0
09-11	SD	13.305	13.649	11.345	7.693	7.912	6.583	5.445	5.901	7.886	8.724	9.384	11.359	14.177
	TOT OPS	610	574	587	570	621	641	665	622	535	583	498	519	6490
	MEAN	15.5	23.4	32.9	44.1	54.0	60.5	66.2	64.9	58.5	47.6	37.7	27.9	40.9
12-14	SD	11.237	12.768	10.958	9.767	7.860	6.579	5.341	5.599	7.517	8.567	9.175	10.592	14.474
	TOT OPS	605	569	587	531	610	641	658	615	533	583	494	478	6474
	MEAN	18.6	23.5	33.4	45.1	54.9	60.7	66.9	64.5	59.1	47.1	37.1	27.6	40.7
15-17	SD	10.764	12.076	10.796	9.768	7.398	6.386	5.055	5.544	7.392	8.486	9.143	10.446	14.934
	TOT OPS	484	406	401	347	299	383	364	320	276	258	149	124	4101
	MEAN	16.7	21.2	31.0	42.7	52.2	58.7	64.7	63.1	56.5	45.4	36.2	26.6	43.7
ALL	SD	12.370	13.419	11.414	9.843	8.067	6.872	5.765	6.273	8.368	9.063	9.437	11.055	14.874
HOURS	TOT OPS	2090	1830	1855	1698	2028	2194	2230	2067	1695	1632	1562	1547	20603

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUMNY

PERIOD OF RECORD: 78-87

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
06-08	MEAN	8.6	10.5	22.4	34.9	44.7	52.0	58.8	57.9	50.7	79.4	30.2	21.7	39.7
	SD	15.688	16.565	13.943	10.136	8.477	7.424	6.246	7.143	9.428	9.920	10.561	12.644	19.925
	TOT OBS	391	281	280	290	498	529	583	510	416	411	221	246	4616
09-11	MEAN	10.1	14.9	23.5	35.1	46.1	53.0	59.8	59.4	52.4	40.6	31.4	22.5	38.1
	SD	15.171	15.921	13.683	10.795	9.099	8.001	6.702	7.119	9.004	9.764	10.488	12.895	20.077
	TOT OBS	610	574	587	530	621	641	665	622	535	580	498	519	1967
12-14	MEAN	12.6	17.0	25.6	36.6	46.6	53.8	59.8	59.2	53.0	41.4	32.3	23.0	39.1
	SD	13.631	14.961	13.008	10.805	9.418	8.267	7.092	7.271	9.137	9.971	10.454	12.466	19.067
	TOT OBS	675	569	587	531	610	641	658	615	533	583	494	478	6974
15-17	MEAN	12.7	17.2	26.2	37.0	46.6	54.1	60.3	58.5	53.8	40.6	31.7	23.1	36.7
	SD	13.290	14.271	12.860	10.777	9.539	7.995	6.648	7.308	9.149	10.334	10.709	12.523	19.096
	TOT OBS	484	436	401	347	299	383	364	320	206	258	349	304	4171
ALL HOURS	MEAN	11.1	15.4	24.7	35.9	46.0	53.2	59.7	58.8	52.4	40.6	31.6	22.4	36.4
	SD	14.501	15.533	13.406	10.712	9.140	7.976	6.724	7.221	9.217	9.964	10.549	12.658	19.757
	TOT OBS	2090	1830	1855	1698	2028	2194	2230	2067	1690	1832	1562	1547	27523

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS	
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
JAN	00-02												
	03-05												
	06-08	100.0	100.0	100.0	99.7	97.4	91.0	74.2	44.6	27.9	78.7	191	
	09-11	100.0	100.0	100.0	99.5	96.7	86.7	64.9	39.2	17.4	76.1	610	
	12-14	100.0	100.0	100.0	98.5	93.9	80.0	57.9	32.1	15.7	73.3	505	
	15-17	100.0	100.0	99.6	98.1	93.2	80.5	58.5	36.6	13.2	73.6	484	
	18-20												
21-23													
	TOTALS	100.0	100.0	99.9	99.0	95.3	84.5	63.9	38.0	16.8	75.4	2090	

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM VV

PERIOD OF RECORD: 79-87
 MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02											
	03-05											
	06-08	100.0	100.0	99.6	98.9	95.7	85.4	71.5	45.9	20.6	77.4	281
	09-11	100.0	100.0	99.7	98.4	94.6	85.7	64.1	37.5	15.5	75.1	574
	12-14	100.0	100.0	99.5	97.0	90.9	72.6	50.4	27.1	9.5	70.3	569
	15-17	100.0	100.0	100.0	97.3	88.9	74.1	49.8	29.1	11.6	70.9	406
	18-20											
21-23												
TOTALS		100.0	100.0	99.7	97.9	92.5	79.5	59.0	34.9	14.3	73.4	1830

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM YV

PERIOD OF RECORD: 79-87
 MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	98.9	95.0	88.9	68.2	48.6	25.7	78.1	280
	09-11	100.0	100.0	99.8	96.6	88.2	72.9	52.1	32.9	15.5	71.7	587
	12-14	100.0	100.0	99.0	92.2	78.9	59.5	39.4	24.2	12.4	66.2	587
	15-17	100.0	100.0	98.5	89.8	76.1	57.9	39.2	24.9	14.2	65.8	401
	18-20											
	21-23											
	TOTALS	100.0	100.0	99.3	94.4	84.6	69.8	49.7	32.7	17.0	70.5	1855

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.3	93.4	83.1	57.6	36.6	15.5	74.4	290
	09-11	100.0	100.0	99.2	94.0	79.4	59.9	41.1	26.0	11.3	66.6	530
	12-14	100.0	100.0	97.2	84.7	62.1	47.5	33.7	20.5	10.2	61.5	531
	15-17	100.0	100.0	95.4	80.7	55.3	42.9	28.5	18.7	9.5	58.9	347
	18-20											
	21-23											
TOTALS		100.0	100.0	98.0	89.7	72.6	58.4	40.2	25.5	11.6	65.4	1698

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	96.6	86.9	64.1	34.1	12.9	75.1	498
	09-11	100.0	100.0	99.5	96.3	78.9	57.3	31.9	17.2	6.9	64.5	621
	12-14	100.0	100.0	97.5	87.2	64.4	36.7	20.7	12.1	4.9	58.3	610
	15-17	100.0	99.7	92.6	78.3	54.8	31.8	20.1	13.0	5.0	55.0	299
	18-20											
21-23												
	TOTALS	100.0	99.9	97.4	90.5	73.7	53.1	34.2	19.1	7.4	63.2	2028

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	97.5	88.1	68.4	38.9	17.3	76.3	529
	09-11	100.0	100.0	99.4	96.1	78.9	56.0	34.0	16.7	6.6	64.6	641
	12-14	100.0	100.0	99.1	85.2	65.4	41.5	21.5	12.3	4.1	59.6	641
	15-17	100.0	100.0	99.0	84.6	65.5	40.7	24.0	14.0	3.9	59.0	383
	18-20											
	21-23											
TOTALS		100.0	100.0	99.4	91.5	76.8	56.6	37.0	20.7	6.7	64.6	2194

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN [RELATIVE HUMIDITY]	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.3	94.3	75.0	43.8	9.2	77.9	543
	09-11	100.0	100.0	100.0	98.8	87.5	61.2	30.8	11.9	2.9	65.0	665
	12-14	100.0	100.0	99.5	91.3	63.7	34.3	16.9	9.0	2.1	57.5	658
	15-17	100.0	100.0	99.7	88.2	55.5	29.4	15.9	10.7	4.1	56.3	364
	18-20											
	21-23											
	TOTALS	100.0	100.0	99.8	94.6	76.5	54.8	34.7	18.9	4.6	64.2	2230

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743702 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: AUG

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN [RELATIVE HUMIDITY]	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.3	93.9	70.6	22.0	94.4	510
	09-11	100.0	100.0	100.0	99.8	94.1	76.4	51.1	20.3	4.5	70.3	622
	12-14	100.0	100.0	100.0	96.1	74.0	47.0	23.6	12.5	3.6	61.3	615
	15-17	100.0	100.0	100.0	93.1	69.4	39.4	24.1	11.9	3.8	60.0	320
	18-20											
	21-23											
	TOTALS	100.0	100.0	100.0	97.3	84.4	65.5	48.2	28.8	8.5	69.0	2067

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 7A-86
 MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN [RELATIVE HUMIDITY]	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	96.2	72.4	26.6	85.3	418
	09-11	100.0	100.0	100.0	99.8	96.6	80.9	52.9	24.1	6.9	72.1	535
	12-14	100.0	100.0	100.0	98.3	82.6	55.2	29.6	15.2	5.3	64.5	533
	15-17	100.0	100.0	100.0	96.1	83.5	52.9	30.6	21.4	10.7	65.7	206
	18-20											
	21-23											
	TOTALS	100.0	100.0	100.0	99.1	90.7	72.2	52.3	33.4	12.1	71.9	1690

GLOBAL CLIMATOLOGY BRANCH
 LSAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 7A-96
 MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.8	99.0	96.1	87.8	69.8	35.0	84.6	411
	09-11	100.0	100.0	100.0	98.8	94.1	79.7	55.7	33.4	12.2	73.4	560
	12-14	100.0	100.0	99.8	95.5	81.3	58.0	34.8	18.4	6.5	65.1	583
	15-17	100.0	100.0	99.2	92.2	78.3	56.6	34.1	15.9	3.9	63.2	258
	18-20											
21-23												
TOTALS		100.0	100.0	99.8	96.6	88.2	72.5	53.1	34.4	14.4	71.8	1932

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 74-96
 MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	03-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	95.5	84.6	67.4	36.2	83.9	221
	09-11	100.0	100.0	100.0	99.8	97.6	89.2	65.7	42.4	21.7	77.3	499
	12-14	100.0	100.0	99.4	98.6	89.9	75.0	49.0	31.0	17.6	71.9	494
	15-17	100.0	100.0	99.4	98.6	90.3	73.0	49.0	28.4	15.8	71.3	349
	18-20											
21-23												
	TOTALS	100.0	100.0	99.7	99.3	94.5	83.6	62.1	42.4	22.8	76.1	1562

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/ZMAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 74-85
 MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN (RELATIVE HUMIDITY)	TOTAL NUM OBS	
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
DEC	00-02												
	03-05												
	06-08	100.0	100.0	100.0	100.0	98.4	93.5	86.6	67.5	32.0	83.7	241	
	09-11	100.0	100.0	100.0	100.0	97.7	93.1	79.0	53.8	21.7	80.2	519	
	12-14	100.0	100.0	100.0	99.2	96.0	87.2	63.8	38.1	19.0	76.7	478	
	15-17	100.0	100.0	100.0	99.7	94.1	87.9	68.9	42.1	27.0	77.3	304	
	18-20												
	21-23												
	TOTALS	100.0	100.0	100.0	99.7	96.6	90.4	74.6	50.4	24.7	79.3	1547	

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743763 STATION NAME: FT DRUM VY

PERIOD OF RECORD: 78-87
 MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN [RELATIVE HUMIDITY]	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
JAN	ALL	100.0	100.0	99.9	99.0	95.3	84.5	63.9	38.2	16.8	75.4	2097	
FEB		100.0	100.0	99.7	97.9	92.5	79.5	59.0	34.7	14.3	73.4	1831	
MAR		100.0	100.0	99.3	94.4	84.6	69.8	49.7	32.7	17.0	70.5	1854	
APR		100.0	100.0	98.0	89.7	72.6	58.4	40.2	25.5	11.6	65.4	1638	
MAY		100.0	99.9	97.4	90.5	73.7	53.1	34.2	19.1	7.6	63.2	2024	
JUN		100.0	100.0	99.4	91.5	76.8	56.5	37.0	20.7	6.7	64.6	2194	
JUL		100.0	100.0	99.8	94.6	75.5	54.8	34.7	18.9	4.6	64.0	2230	
AUG		100.0	100.0	100.0	97.3	84.4	65.5	48.2	28.8	8.5	69.0	2062	
SEP		100.0	100.0	100.0	99.1	90.7	72.2	52.3	33.4	12.1	71.9	1640	
OCT		100.0	100.0	99.8	96.6	98.2	72.5	53.1	34.4	14.4	71.8	1832	
NOV		100.0	100.0	99.7	99.3	94.5	83.5	62.1	40.4	20.8	76.1	1562	
DEC		100.0	100.0	100.0	99.7	96.6	90.4	74.6	50.4	24.7	79.3	1547	
TOTALS		100.0	100.0	99.4	95.8	85.6	70.1	50.8	31.6	13.4	70.4	22623	

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	TTTTTTT
PPPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTTT	TTTTTTTTT
PP PP	AA AA	RR RR	TT	TT
PP PP	AA AA	RR RR	TT	TT
PPPPPPPP	AA AA	RRRRRRR	TT	TTTTT
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	TTTTT
PP	AAAAAAAAA	RR RR	TT	TT
PP	AA AA	RR RR	TT	TT
PP	AA AA	RR RR	TT	TT
PP	AA AA	RR RR	TT	TT

PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).
PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).
PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 743707 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01	MEAN													
	SD													
	TOT OBS													
04	MEAN													
	SD													
	TOT OBS													
07	MEAN	29.222	29.314	29.308	29.222	29.231	29.232	29.261	29.294	29.329	29.349	29.400	29.268	29.275
	SD	.348	.259	.283	.240	.188	.191	.147	.142	.191	.255	.255	.272	.223
	TOT OBS	132	66	66	95	214	217	221	209	177	156	34	53	1642
10	MEAN	29.260	29.311	29.250	29.217	29.234	29.235	29.260	29.299	29.332	29.374	29.325	29.297	29.290
	SD	.334	.279	.292	.264	.191	.189	.150	.147	.200	.259	.269	.300	.248
	TOT OBS	217	194	200	186	214	217	224	211	180	175	161	184	2363
13	MEAN	29.240	29.286	29.226	29.195	29.214	29.219	29.244	29.283	29.305	29.339	29.293	29.257	29.256
	SD	.326	.281	.284	.259	.188	.183	.148	.137	.194	.263	.267	.297	.244
	TOT OBS	211	192	200	184	210	217	221	209	190	175	161	165	2325
16	MEAN	29.240	29.273	29.210	29.183	29.200	29.198	29.248	29.301	29.266	29.396	29.288	29.276	29.246
	SD	.323	.281	.279	.252	.166	.173	.152	.115	.164	.217	.260	.300	.260
	TOT OBS	206	195	192	153	65	95	93	72	28	40	147	132	1408
19	MEAN													
	SD													
	TOT OBS													
22	MEAN													
	SD													
	TOT OBS													
ALL	MEAN	29.242	29.293	29.237	29.203	29.224	29.225	29.254	29.293	29.319	29.357	29.309	29.277	29.266
	SD	.331	.278	.287	.256	.187	.186	.149	.139	.194	.256	.265	.296	.244
	TOT OBS	766	639	650	616	703	746	759	701	565	546	503	534	7738

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN HRS FROM
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
LST														
01	MEAN													
	SD													
	TOT OBS													
04	MEAN													
	SD													
	TOT OBS													
07	MEAN	1015.9	1019.2	1018.3	1014.8	1015.4	1014.4	1015.8	1017.1	1018.1	1018.7	1019.5	1017.1	1016.6
	SD	12.337	9.185	10.102	8.446	6.234	7.154	5.335	5.122	6.523	8.966	7.676	9.674	8.095
	TOT OBS	132	68	60	92	151	157	160	153	127	123	20	45	1294
10	MEAN	1016.9	1019.5	1016.5	1015.1	1015.4	1014.5	1015.8	1017.3	1018.0	1019.9	1018.9	1018.3	1017.1
	SD	11.834	9.779	10.215	9.113	6.298	7.043	5.375	5.300	6.867	8.987	9.318	10.406	8.870
	TOT OBS	198	165	178	160	152	157	163	155	130	141	127	154	1680
13	MEAN	1015.8	1018.6	1015.7	1014.3	1014.7	1014.0	1015.2	1016.8	1017.1	1018.6	1017.7	1016.7	1016.2
	SD	11.422	9.993	10.110	8.840	6.159	6.912	5.332	4.930	6.671	9.092	9.389	10.276	8.683
	TOT OBS	186	163	178	159	148	157	163	152	130	141	126	140	1840
16	MEAN	1016.2	1018.2	1014.9	1014.0	1013.7	1013.6	1015.7	1017.2	1015.9	1020.6	1017.5	1017.5	1016.1
	SD	11.377	9.853	9.812	8.708	5.884	6.129	5.326	4.136	5.840	7.618	9.087	10.209	9.017
	TOT OBS	180	156	171	131	64	94	93	72	28	39	116	114	1258
19	MEAN													
	SD													
	TOT OBS													
22	MEAN													
	SD													
	TOT OBS													
ALL	MEAN	1016.2	1018.9	1016.0	1014.5	1015.0	1014.2	1015.6	1017.1	1017.6	1019.3	1018.1	1017.5	1016.5
	SD	11.689	9.751	10.082	8.812	6.198	6.885	5.311	4.991	6.645	8.900	9.189	10.234	8.690
HOURS	TOT OBS	696	552	593	542	515	565	576	532	415	444	389	453	6272

SUMMARY OF DAY DATA

PERIOD OF RECORD:

***** FULL TIME PERIOD: NONE AVAILABLE

***** PART TIME PERIOD: JAN 44 - AUG 46, MAY 70 - AUG 74, SEP 78 - APR 87

***** OPERATIONAL 5 DAYS PER WEEK FOR 9 TO 10 HRS/DAY (CLOSED HOLIDAYS)

ALL USERS MUST FAMILIARIZE THEMSELVES WITH CAVEATS PRIOR TO USING OR DISTRIBUTING THESE SUMMARIES

- A. GIVE PARTICULAR ATTENTION TO THE HOURS OF OPERATION.
- B. NOTE THE DAYS STATION IS OPERATIONAL.
- C. EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS WILL NOT REFLECT IN THESE SUMMARIES.
- D. 24-HR PRECIPITATION (INCLUDING SNOW) VALUES MAY NOT REFLECT TRUE 24-HOUR AMOUNTS.
 - (1) RECORDED PRECIPITATION AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS.
 - (2) THIS "24 HOUR" AMOUNT DOES NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT AMOUNT."
 - (3) A COMBINATION OF THE ABOVE TWO LIMITATIONS EXAGGERATE THE QUESTIONABILITY OF THESE 24-HOUR AMOUNTS.
- E. MONTHLY AMOUNTS OF PRECIPITATION (INCLUDING SNOW) ARE NOT AS SERIOUSLY AFFECTED AS THE 24-HR VALUES. HOWEVER, EVAPORATION (AND SUBLIMATION) CAN CAUSE "BOGUS" AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL PERIODS (DIFFERENCES ARE DEPENDENT ON THE LENGTH OF TIME BETWEEN READINGS).
- F. THE TEMPERATURE SUMMARIES REPRESENT THE "HIGH" AND "LOW" SUMMARIZED TEMPERATURES AND NOT THE ACTUAL MAXIMUM OR MINIMUM EXTREMES.

USAFETAC RECOMMENDS THAT COPIES OF FULL TIME PERIODS, WHEN AVAILABLE, BE ACCOMPANIED BY THE CAVEAT --- "EXTREMES OCCURRING OUTSIDE THIS PERIOD ARE NOT REFLECTED IN THESE SUMMARIES". WE ALSO RECOMMEND LIMITED DISTRIBUTION OF THE PART TIME PERIOD TO METEOROLOGIST (TECHNICIANS), TO BE ACCOMPANIED BY THIS CAVEAT PAGE. PAGES OF DATA SUMMARIZED FOR LIMITED DUTY PERIODS ARE SO STAMPED.

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION: ".00" EQUALS NONE FOR THE MONTH (HUNDREDS)

EXTREME DAILY SNOWFALL: ".0" EQUALS NONE FOR THE MONTH (FEET/INCH)

EXTREME DAILY SNOW DEPTH: ".0" EQUALS NONE FOR THE MONTH (FOOT/INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1948.
COMMENCING JULY 1948 DIRECTIONS PRESENTED IN TENS OF DEGREES.

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 1° FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

12 13067890123456789 10139506789 12345678901234567890123456789 10139506789 123456789 10139506789 123456789 10139506789 ••••• SEC. 100. 37

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAE

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DPLM NY

PERIOD OF RECORD: 78-87
MONTHS: ALL

MONTH	TSMS	RAIN E/OP DRIZZLE	FRZING RAIN E/OP DRIZZLE	SNOW E/OP SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/OP HALE	DEWING SNOW	DUST E/OP SAND	% OBS W/OBS TO VISION	TOTAL OBS
JAN		19.2	4.1	66.1		70.2	28.9	3.7	10.1		43.6	218
FEB		18.1	3.0	43.7		53.8	30.2	7.1	6.5		25.7	199
MAR		20.4	1.5	32.3		45.3	28.4	0.7	6.0		33.4	201
APR	1.0	36.5		13.8		45.3	28.1	4.4	1.5		37.5	203
MAY	9.7	40.7		2.3		41.6	32.7	11.7			37.4	114
JUN	5.1	37.3				37.3	32.3	31.1			43.3	217
JUL	8.0	28.3				28.3	29.2	34.8			42.1	236
AUG	6.7	31.4				31.4	30.7	31.4			38.5	207
SEP	2.1	31.4				31.4	44.5	16.2			30.3	191
OCT	1.1	33.7		3.9		36.5	41.0	2.2			41.0	178
NOV		38.7	1.3	26.0		56.0	38.7	8.2	1.3		42.0	150
DEC	4.5	23.2	4.3	54.6		66.5	32.4	2.2	10.3		40.0	145
TOTALS	2.6	29.5	1.2	20.2		45.3	35.2	12.3	3.9		41.6	2389

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 44-45, 78-97

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.05	.10	.25	.50	1.00	2.50	5.00	10.00	20.00	OVER	3 DAYS WITH TRMS	TOTAL OBS	MONTHLY AMOUNT		
																MEAN	GREATEST	LEAST
JAN	20.4	25.7	4.9	14.6	10.2	11.1	8.4	4.4	.4					4.7	2.6	1.94	3.67	1.94
FEB	25.0	25.5	2.9	10.3	5.9	18.1	8.3	2.9	1.0					6.5	2.4	2.56	4.57	1.97
MAR	37.6	15.5	3.8	17.7	6.6	12.7	8.5	2.3	.9					6.9	2.1	2.57	3.01	1.95
APR	33.0	15.6	3.3	9.0	6.1	15.6	9.9	7.1	.5					11.4	2.1	2.94	5.21	1.71
MAY	41.1	16.2	3.2	9.7	5.5	9.5	9.9	4.7	1.2					9.7	2.5	2.62	5.09	1.70
JUN	46.9	10.9	3.6	9.1	6.5	9.5	5.8	5.5	1.1					9.2	2.5	2.84	5.61	1.86
JUL	53.0	14.6	1.7	7.0	6.3	5.6	4.9	4.5	2.4					7.4	2.7	2.67	6.35	1.94
AUG	50.6	12.3	3.4	5.4	7.1	8.4	6.1	3.4	1.9	.9				7.7	2.6	2.78	6.21	1.85
SEP	38.6	15.2	2.4	6.2	4.3	8.6	1.0	3.5	3.3					6.2	2.1	2.86	6.27	2.10
OCT	41.8	12.2	2.6	10.7	6.3	10.6	7.4	4.8	1.6					6.3	1.9	1.48	4.18	1.98
NOV	26.7	17.4	3.1	8.1	6.7	14.9	6.7	3.6	4.3					5.6	1.6	2.43	6.49	1.47
DEC	14.5	21.0	5.7	13.8	7.7	14.9	7.2	7.7	4.1					6.1	1.9	2.82	6.37	2.07
ANNUAL	35.8	16.8	3.6	9.8	6.2	11.6	8.1	5.2	1.9	.7				9.4	2.6	2.86	5.23	

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFM
 AIR WEATHER SERVICE/MAO

EXTREME VALUES OF PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 44-45, 76-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
44					.76	.95	*1.28	.52	.99	.60	.70	1.12	
45	.67	.34	.78	.74	1.20	.74	1.15	*.16					
78													
79			*.00			*.58	*.48	*1.33	*1.88	*1.73	*1.40	*1.40	
80	*.70	*.71	*.55	*.92	*.70	*.81	*1.25	*.20	*1.77	*2.13	*1.89	*1.27	*.11
81	*.65	*1.24	*.37	*.67	*.76	.71	1.80	*3.15	*.97		*.54	*.75	
82	*.97	*.21	*.38	*.52	*1.05	1.90	.99	*1.70	*1.10	*1.31	*1.52	*.71	1.98
83	*.44	*.10	*.30	*1.17	.95	1.00	.99	1.73	.67	*.86	*1.10	*1.10	1.72
84	*.87	.77	*.53	*.75	1.02	.41	*1.86	*1.74	*.85	*.97	*1.17	*.85	*1.86
85	*.58	*1.68	*1.85	*.66	.67	.62	.61	.55	*1.67	*1.10	*1.17	*1.31	*1.40
86	*1.29	*.41	*.77	*.37	*.54	*1.04	*1.18	*.95	*1.17	*.58		*1.44	
87	*.44	*.40	*2.20	*.88									
MEAN		.555			.920	.904	1.148	.933	.915				
S.D.					.210	.482	.384						
TOTAL OBS	226	204	213	.12	253	275	287	261	210	149	161	195	2656

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 44-45, 78-87

YEAR	TOTAL MONTHLY PRECIPITATION IN INCHES												ALL MONTHS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
44					2.20	2.69	*2.86	1.55	3.55	1.48	2.43	2.89		
45	1.98	2.37	2.59	1.64	4.60	2.39	4.37	*.39						
78			*.00			*1.24	*.94	*5.17	*4.27	*4.18	*4.47	*2.35		
79						*1.00	*3.00	*6.35	*.42	*5.39	*3.56	*3.22	*3.96	*37.14
80	*2.17	*1.44	*3.01	*3.27	*1.00	*2.27	2.78	3.39	*8.21	*6.27	*1.47	*2.07		
81	*.78	*4.57	*1.02	*2.40	*2.27	2.78	3.39	*8.21	*6.27	*1.47	*2.07			
82	*1.47	*1.02	*1.30	*1.27	*2.56	5.61	1.54	*5.53	*5.31	*2.51	*6.49	*2.30	*37.57	
83	*1.39	*.97	*1.77	*5.21	4.07	2.92	2.14	4.30	2.15	*3.28	*4.97	*6.37	*39.50	
84	*3.87	3.73	*1.47	*3.96	5.04	.86	*3.04	*5.74	*2.74	*.98	*3.11	*2.87	*37.37	
85	*3.65	*1.96	*2.85	*2.39	2.08	2.66	1.93	2.48	*4.75	*2.87	*5.28	*6.77	*41.11	
86	*3.41	*1.91	*2.68	*1.71	*2.49	*5.59	*2.92	*4.48	*4.77	*3.24				
87	*2.59	*1.11	*2.85	*2.00										
MEAN		1.050			3.616	2.844	2.674	2.777	2.855					
STDEV					1.392	1.406	1.174							
TOTAL OBS	226	204	213	217	253	275	287	261	217	189	161	195	2686	

NOTE * BASED ON LESS THAN FULL MONTHS

GLOBAL CLIMATOLOGY BRANCH
 WSAFETAC
 AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-87

MONTH	AMOUNTS IN INCHES												OVER 50.4	# DAYS WITH FALLS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	0.4	1.4	2.4	3.4	4.4	5.4	10.4	15.4	25.4	50.4				MEAN	GREATEST	LEAST
			10	10	10	10	10	10	10	10	10	10						
JAN	24.5	31.6	5.1	17.3	8.7	7.7	2.6	1.5	1.0				43.9	196	.0	33.9	TRACE	
FEB	48.7	26.0	6.8	9.0	6.2	3.4	5.1	2.3	.6				33.3	177	16.1	25.0	TRACE	
MAR	50.7	26.5	7.0	9.7	2.2	1.6	.5	1.6	.5				23.2	185	.0	16.3	TRACE	
APR	78.1	12.6	3.3	2.7	2.2	.5			.5				9.7	183	.0	12.5	TRACE	
MAY	97.2	2.0													214	TRACE	TRACE	.0
JUN	100.0														217	.0	.0	.0
JUL	100.0														276	.0	.0	.0
AUG	100.0														207	.0	.0	.0
SEP	100.0														180	.0	.0	.0
OCT	24.9	5.1													157	TRACE	TRACE	.0
NOV	68.7	21.4	1.5	5.3	1.5	.8	.8						9.9	131	.0	6.4	TRACE	
DEC	28.7	30.5	7.8	10.2	10.2	3.7	3.6	2.4	1.2	1.2	1.2		40.7	167	.0	61.9	TRACE	
ANN	73.6	13.0	2.6	4.5	2.5	1.4	1.1	.6	.3	.3	.1		11.4	2240	16.1			

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/PAC

EXTREME VALUES OF SNOWFALL
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 74370 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
78														
79	*TRACE	*TRACE	*1.0	*TRACE	*.0	*.0	*.0	*.0	*.0	*TRACE	*1.1	*.2		*1.1
80	*7.0	*7.0	*6.0	*.3	*.0	*.0	*.0	*.0	*.0	*TRACE	*4.0	*4.0		*7.0
81	*7.0	*5.0	*1.0	*TRACE	*.0	.0	.0	.0	.0	.0	*TRACE	*2.0		
82	*2.3	*4.0	*3.0	*.0	*.0	.0	.0	.0	.0	*.0	*1.0	*4.0		*4.7
83	*3.0	*5.0	*1.0	*7.0	TRACE	.0	.0	.0	.0	*.0	*3.0	*2.1		*2.1
84	*9.7	*6.0	*4.0	*TRACE	TRACE	.0	.0	.0	.0	*.0	*1.0	*4.3		*9.7
85	*4.1	*4.1	*3.7	*1.4	.0	.0	.0	.0	*.0	*.0	*.0	*13.1		*13.1
86	*6.0	*3.0	*8.0	*1.3	*TRACE	*.0	*.0	*.0	*.0	*TRACE		*2.6		
87	*4.9	*4.0	*1.0	*2.0										
MEAN					TRACE	.00	.00	.00						
STDEV						.000	.000							
TOTAL OBS	196	177	185	183	219	217	226	207	180	157	131	167		2240

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 J. J. AFETAC
 AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 743760 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-87

YEAR	TOTAL MONTHLY SNOWFALL IN INCHES												ALL MONTHS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
78													*TRACE	
79	*TRACE	*TRACE	*1.0	*TRACE	*.0	*.0	*.0	*.0	*.0	*TRACE	*1.1	*.2		*0.3
80	*14.0	*16.0	*16.7	*.3	*.0	*.0	*.0	*.0	*.0	*TRACE	*5.0	*24.5		*76.5
81	*15.0	*25.0	*5.0	*TRACE	*.0	.0	.0	*.0	*.0		*TRACE	*11.4		
82	*14.6	*15.0	*10.0	*7.0	*.0	.0	.0	*.0	*.0	*.0	*1.0	*5.0		*50.6
83	*10.0	*7.0	*1.0	*12.5	TRACE	.0	.0	.0	.0	*.0	*8.4	*50.6		*99.5
84	*33.9	16.1	*10.8	*TRACE	TRACE	.0	*.0	*.0	*.0	*.0	*1.4	*13.4		*75.6
85	*30.8	*17.1	*4.8	*.1	.0	.0	*.0	*.0	*.0	*.0	*1.2	*61.9		*117.9
86	*21.9	*14.7	*14.6	*.1	*TRACE	*.0	*.0	*.0	*.0	*TRACE		*11.0		
87	*21.6	*11.5	*1.1	*7.9										
MEAN					TRACE	.00	.00	.00						
S.D.						.000	.000							
TOTAL OBS	196	177	185	183	214	217	226	207	180	157	151	167		229

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 781700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 44-45, 78-87

MONTH	AMOUNTS IN INCHES														TOTAL	MONTHLY AMOUNTS	
	NONE	TRACE	1	2	3	4	7	10	13	25	37	49	61	OVER		3 DAYS WITH MEAN	30% MEAN
JAN	3.6	8.6	5.4	3.2	3.6	16.7	14.4	27.6	5.0	1.8					27.9	271	
FEB	4.2	6.5	2.3	7.5	3.7	9.8	18.0	34.1	3.7						39.3	214	
MAR	26.5	21.1	13.0	5.4	3.6	13.5	14.8	2.2							52.5	223	
APR	84.1	8.6	3.4	2.2		1.3	.4								7.7	232	
MAY	100.0															270	
JUN	100.0															277	
JUL	99.7	.3														292	
AUG	100.0															261	
SEP	100.0															271	
OCT	100.0															198	
NOV	79.1	9.3	7.0	1.7	.6	2.3									11.6	172	
DEC	12.0	13.0	9.6	13.0	6.7	16.8	6.7	8.2	13.9						75.2	288	
ANNUAL	67.4	5.6	3.4	2.7	1.6	5.0	6.2	6.0	1.9	.1					27.0	2780	

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 44-45, 78-87

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
44					0	0	*0	0	0	0	*6	34	
45	*36	*34	*8	*1	0	0	0	*3	0	0	0	0	
78	*15	*18	*8	*4	*0	*0	*0	*0	*0	*0	*4	*12	*14
80	*6	*17	*14	*TRACE	*0	*0	*TRACE	*0	*0	*0	*4	*9	*17
81	*20	*14	*2	*TRACE	*0	0	0	*0	*0	*0	*TRACE	*5	
82	*12	*19	*9	*2	*0	0	0	*0	*3	*0	*1	*3	*19
83	*4	*6	*1	*8	0	0	0	0	0	*0	*2	*36	*76
84	*47	19	*15	*0	0	0	*0	*0	*0	*0	*1	*10	*47
85	*28	*25	*7	*2	0	0	0	0	*0	*0	*TRACE	*30	*7
86	*27	*21	*20	*1	*0	*0	*0	*0	*0	*0		*4	
87	*15	*11	*6	*1									
MEAN					0	0	0	0	0				
5.9					.000	.000	.000						
TOTAL OBS	221	214	223	232	276	277	287	261	221	198	172	108	2780

NOTE: * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 70-74, 76-87

YEAR	DAILY PEAK GUSTS IN KNOTS												ALL MONTHS														
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC															
70					25*	18	26*	29	24*	31	8*	31	25*	26													
71						27*	34	20*	24	27*	26	20*	30	26*	18												
72						2*	24	24*	45	27*	41	25*	35	22*	17												
73				26*	20	23*	29	31*	28	33*	43	32*	22	27*	33												
74				27*	19	19*	41	26*	35	35*	40	24*	24														
76																											
79			19*	46	24*	53	25*	27	20*	32	26*	22	26*	33	31*	34	18*	28	25*	41	20*	34					
80	24	48	14*	33	27*	39	14*	44	26*	34	29*	29	26*	31	18*	24	26*	41	24*	36	23*	31	28*	34	24	48	
81	20*	34	15*	54	25*	36	24*	36	14*	30	25	34	25	26	18*	23	21*	37		31*	29	23*	26				
82	14*	52	25*	35	25*	37	26*	37	2*	25	25	38	25	35	25*	32	25*	30	19*	32	18*	33	22*	43	14*	52	
83	15*	34	14*	39	13*	27	15*	37	21	37	36	39	26	23	29	32	26	29	27	39	32*	22	15*	40	15*	46	
84	24*	30	4*	34	15*	35	14*	37	25*	30	24	35	29	42	27*	34	26*	41	27*	26	25*	48	23*	37	25*	48	
85	26*	33	26	37	26*	38	25*	37	26	32	26	29	27	29	25	24	35*	38	18*	29	31*	35	24*	49	24*	49	
86	26*	34	14*	26	20*	40	24*	34	26*	31	29*	37	26*	26	29*	26	24*	33	22*	34			26*	40			
87	26*	33	1*	28	16*	36	17*	32																			
MEAN							34.5		35.0	31.0	28.0																
S.D.									3.93	7.58																	
TOTAL OBS	189	171		189		103	264		332	331	321	199	347	112	162										2670		

NOTES * (BASED ON LESS THAN FULL MONTHS)
 † (BASED ON LESS THAN FULL MONTHS AND >100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 743700

STATION NAME: FT DRUM NY

PERIOD OF RECORD: 44-45, 71-74, 7A-8

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 95								4.3					4.7
GE 90						4.5	2.8	2.5					7.7
GE 85					1.4	9.7	21.2	14.2	2.5				12.6
GE 80						26.6	54.0	38.4	10.4				18.8
GE 75			4	1.7	9.9	45.3	75.7	73.5	28.6	2.4			24.1
GE 70			1.9	5.5	19.3	69.7	91.6	86.4	45.6	10.0	4		37.5
GE 65			1.7	10.5	37.1	85.8	97.7	95.1	67.2	11.5	5.0		40.3
GE 60			3.9	11.1	52.7	93.7	99.7	98.9	83.4	17.3	8.9		50.1
GE 55			7.8	23.8	67.7	97.4	100.0	99.7	93.9	13.6	10.7	2.4	59.7
GE 50		2.2	15.5	47.7	81.9	97.4	100.0	99.7	93.9	13.6	10.7	2.4	65.3
GE 45	.8	5.7	24.1	64.6	94.1	99.7	100.0	100.0	99.2	70.3	27.8	0.0	65.3
GE 40	1.6	9.7	34.5	76.1	98.0	100.0	100.0	100.0	100.0	86.6	41.7	0.0	69.8
GE 35	6.0	19.8	50.9	87.8	100.0	100.0	100.0	100.0	100.0	74.0	61.1	14.6	71.1
GE 30	13.7	33.0	68.1	95.8	100.0	100.0	100.0	100.0	100.0	79.4	71.9	0.0	81.7
GE 25	24.5	44.1	81.5	98.3	100.0	100.0	100.0	100.0	100.0	92.8	87.4	0.0	89.8
GE 20	39.4	57.7	86.8	99.6	100.0	100.0	100.0	100.0	100.0	98.9	92.2	0.0	89.8
GE 15	56.2	72.2	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	93.1
GE 10	73.5	83.7	97.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	96.1
GE 5	83.5	89.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	97.8
GE 0	89.6	96.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	98.8
GE -5	97.6	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	99.7
GE -10	99.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	99.9
MEAN	71.2	27.4	40.4	54.1	65.0	73.4	79.0	76.9	68.4	55.9	43.6	30.2	53.0
SD	11.557	13.443	13.318	12.270	10.404	8.524	6.423	6.956	8.638	9.829	10.674	11.172	22.055
TOTAL OBS	249	227	232	237	353	380	391	367	241	229	180	210	3282

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAJ

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 74070

STATION NAME: FT DRUM NY

PERIOD OF RECORD: 44-45, 71-74, 75-

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 01							1.3						1.6
GE 02						1.3	5.8						4.6
GE 03						1.3	16.9						12.5
GE 04						1.3	18.2						12.5
GE 05						1.3	18.2						12.5
GE 06						1.3	18.2						12.5
GE 07						1.3	18.2						12.5
GE 08						1.3	18.2						12.5
GE 09						1.3	18.2						12.5
GE 10						1.3	18.2						12.5
GE 11						1.3	18.2						12.5
GE 12						1.3	18.2						12.5
GE 13						1.3	18.2						12.5
GE 14						1.3	18.2						12.5
GE 15						1.3	18.2						12.5
GE 16						1.3	18.2						12.5
GE 17						1.3	18.2						12.5
GE 18						1.3	18.2						12.5
GE 19						1.3	18.2						12.5
GE 20						1.3	18.2						12.5
GE 21						1.3	18.2						12.5
GE 22						1.3	18.2						12.5
GE 23						1.3	18.2						12.5
GE 24						1.3	18.2						12.5
GE 25						1.3	18.2						12.5
GE 26						1.3	18.2						12.5
GE 27						1.3	18.2						12.5
GE 28						1.3	18.2						12.5
GE 29						1.3	18.2						12.5
GE 30						1.3	18.2						12.5
GE 31						1.3	18.2						12.5
GE 32						1.3	18.2						12.5
GE 33						1.3	18.2						12.5
GE 34						1.3	18.2						12.5
GE 35						1.3	18.2						12.5
GE 36						1.3	18.2						12.5
GE 37						1.3	18.2						12.5
GE 38						1.3	18.2						12.5
GE 39						1.3	18.2						12.5
GE 40						1.3	18.2						12.5
GE 41						1.3	18.2						12.5
GE 42						1.3	18.2						12.5
GE 43						1.3	18.2						12.5
GE 44						1.3	18.2						12.5
GE 45						1.3	18.2						12.5
GE 46						1.3	18.2						12.5
GE 47						1.3	18.2						12.5
GE 48						1.3	18.2						12.5
GE 49						1.3	18.2						12.5
GE 50						1.3	18.2						12.5
GE 51						1.3	18.2						12.5
GE 52						1.3	18.2						12.5
GE 53						1.3	18.2						12.5
GE 54						1.3	18.2						12.5
GE 55						1.3	18.2						12.5
GE 56						1.3	18.2						12.5
GE 57						1.3	18.2						12.5
GE 58						1.3	18.2						12.5
GE 59						1.3	18.2						12.5
GE 60						1.3	18.2						12.5
GE 61						1.3	18.2						12.5
GE 62						1.3	18.2						12.5
GE 63						1.3	18.2						12.5
GE 64						1.3	18.2						12.5
GE 65						1.3	18.2						12.5
GE 66						1.3	18.2						12.5
GE 67						1.3	18.2						12.5
GE 68						1.3	18.2						12.5
GE 69						1.3	18.2						12.5
GE 70						1.3	18.2						12.5
GE 71						1.3	18.2						12.5
GE 72						1.3	18.2						12.5
GE 73						1.3	18.2						12.5
GE 74						1.3	18.2						12.5
GE 75						1.3	18.2						12.5
GE 76						1.3	18.2						12.5
GE 77						1.3	18.2						12.5
GE 78						1.3	18.2						12.5
GE 79						1.3	18.2						12.5
GE 80						1.3	18.2						12.5
GE 81						1.3	18.2						12.5
GE 82						1.3	18.2						12.5
GE 83						1.3	18.2						12.5
GE 84						1.3	18.2						12.5
GE 85						1.3	18.2						12.5
GE 86						1.3	18.2						12.5
GE 87						1.3	18.2						12.5
GE 88						1.3	18.2						12.5
GE 89						1.3	18.2						12.5
GE 90						1.3	18.2						12.5
GE 91						1.3	18.2						12.5
GE 92						1.3	18.2						12.5
GE 93						1.3	18.2						12.5
GE 94						1.3	18.2						12.5
GE 95						1.3	18.2						12.5
GE 96						1.3	18.2						12.5
GE 97						1.3	18.2						12.5
GE 98						1.3	18.2						12.5
GE 99						1.3	18.2						12.5
GE 100						1.3	18.2						12.5
MEAN	8.9	16.7	27.1	40.3	49.2	57.4	63.0	60.4	53.2	41.7	33.8	20.5	39.3
SE	15.164	15.237	11.658	9.283	8.013	7.463	6.548	7.454	9.756	10.107	10.168	14.106	20.473
TOTAL OHS	247	326	272	277	353	390	391	367	241	209	180	216	3279

GLOBAL CLIMATOLOGY BRANCH
 OSAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURE
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 743700

STATION NAME: FT DRUM NY

PERIOD OF RECORD: 04-05, 71-74, 75

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SE	OCT	NOV	DEC	ANNUAL
GE 35)													1.1
GE 40)						2.6	5.9	3.1	1.1				1.9
GE 45)					1.1	11.6	28.9	21.3	11.2	5.5			5.7
GE 50)				4.4	8.5	29.7	65.0	89.3	10.0	1.1			19.9
GE 55)			1.3	5.5	21.8	55.0	87.5	74.9	35.7	12.7			31.5
GE 60)			3.0	12.7	39.9	80.8	98.5	92.9	56.8	15.3	5.7		42.1
GE 65)			4.6	14.5	61.5	93.9	99.7	98.9	76.9	50.6	6.3		51.6
GE 70)		2.2	6.2	40.9	79.3	97.9	100.0	100.0	83.5	66.9	15.0	1.9	51.7
GE 75)		5.3	19.4	40.6	93.2	99.7			97.9	84.1	29.4	1.1	64.1
GE 80)	1.2	11.0	31.5	75.9	99.2	100.0			94.6	82.8	46.1	10.2	65.7
GE 85)	6.8	19.8	50.4	80.3	100.0				100.0	96.7	62.2	19.4	75.7
GE 90)	14.9	31.7	66.8	95.8						100.0	85.9	83.8	81.7
GE 95)	26.1	91.9	80.6	98.7							92.8	84.7	81.8
GE 100)	39.8	95.1	87.1	99.2							99.4	89.5	82.7
GE 105)	51.9	87.8	93.5	100.0							100.0	91.5	82.9
GE 110)	63.9	91.1	96.1									87.5	84.5
GE 115)	78.3	88.1	96.7									95.4	82.1
GE 120)	84.7	94.3	99.0									98.6	84.7
GE 125)	94.0	97.8	100.0									99.5	89.6
GE 130)	98.0	99.6										100.0	89.9
GE 135)	99.6	100.0											100.0
GE 140)	100.0												100.0
MEAN	15.1	21.4	33.9	47.2	57.3	65.6	71.2	79.0	81.0	89.0	88.9	85.6	46.3
NO	13.012	14.031	12.054	10.324	8.526	7.307	5.649	6.379	4.941	9.222	9.086	12.200	21.019
TOTAL OPS	269	227	232	237	353	380	391	367	241	209	190	116	1267

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 AIR WEATHER SERVICE/MSA

EXTREME VALUES OF MAXIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 7477 STATION NAME: FT. TOLSON, VA

PERIOD OF RECORD: 84-95, 70-74, 78-87

YEAR	WORLD DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
84					86	92	89	96	87	74		81	
85	80	85	81	89		88	89	86					
71					82	89	89	85	87				
72					83	88	87	85	82				
73				87	85	89	86	88	87				
74				85	81	80	83	88					
75									87	82	88	85	
76	84	80	87	87	84	84	87	85	85	81	88	84	85
80	85	86	87	88	87	88	85	87	87	87	87	87	85
81	85	88	87	87	88	87	88	88	87	87	87	87	85
82	85	88	87	87	88	87	88	88	87	87	87	87	85
83	85	88	87	87	88	87	88	88	87	87	87	87	85
84	85	88	87	87	88	87	88	88	87	87	87	87	85
85	85	88	87	87	88	87	88	88	87	87	87	87	85
86	85	88	87	87	88	87	88	88	87	87	87	87	85
87	85	88	87	87	88	87	88	88	87	87	87	87	85
MEAN		84.0			81.8	87.3	90.0	90.3	84.0				
TOTAL OBS	749	227	232	237	353	380	791	767	241	109	187	216	2,877

NOTES * (BASED ON LESS THAN FULL MONTHS)
 # (AT LEAST ONE DAY LESS THAN FULL MONTH)

NOAA CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 743700 STATION NAME: FT BELMY

PERIOD OF RECORD: 44-45, 70-74, 76-77

YEAR	WHOLE DEGREE FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
44					31	41	48	44	39	22	19	-16	
45	-17	-4	13	22	31	33	48	49					
71					53	42	45	43	44				
72					42	44	49	45	47				
73				51	36	45	51	42	33				
74				57	34	42	55	55					
76									29	21	17	-5	
79	-17	-22	4	25	19	42	45	42	32	19	15	-7	-7
80	-7	-11	-2	24	41	43	60	58	32	10	16	-17	-17
81	-22	-14	10	25	32	42	49	46	32		17	-15	-15
82	-27	0	0	0	44	49	52	47	42	18	24	-11	-11
83	-7	-8	10	26	36	47	56	52	37	13	19	-17	-17
84	-29	-13	-9	32	37	49	58	49	24	10	16	-7	-7
85	-14	-6	7	22	33	43	50	50	42	17	24	-7	-7
86	-19	-6	4	25	32	41	50	46	36	14		1	
87	-17	-7	1	19									
MEAN		-4.5			33.6	42.4	51.4	49.0	37.2				
TOTAL OBS	247	226	232	137	353	780	791	767	591	206	180	116	177

NOTES * (BASED ON LESS THAN FULL MONTH)
 # (AT LEAST ONE DAY LESS THAN FULL MONTH)

GLOBAL CLIMATOLOGY BRANCH
USAF/AFAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
MONTH: MAY HOURS(DIST): 0900-1100

CEILING IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2 1/2	VISIBILITY IN STATUTE MILES													
									GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 1/4			
NO CEIL	1	11.4	41.7	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	12.0	47.6	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 18000	12.0	47.6	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 16000	12.0	47.6	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 14000	12.0	47.6	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 12000	12.2	48.1	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 10000	12.3	51.5	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 9000	12.7	53.1	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	53.9	53.9	53.9	53.9	53.9	53.9
GE 8000	12.8	55.8	56.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 7000	13.1	58.3	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 6000	13.6	63.5	61.1	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 5000	14.2	62.2	67.1	63.9	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	64.1	64.1	64.1	64.1
GE 4500	14.8	63.6	64.5	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 4000	15.3	66.1	67.0	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 3500	15.6	67.8	68.9	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 3000	16.1	71.6	73.0	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2500	16.9	75.6	77.5	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2000	17.0	78.6	80.8	81.9	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800	17.2	79.4	81.6	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1500	17.2	81.7	84.2	85.5	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	17.2	81.9	84.5	85.8	86.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1000	17.2	83.4	85.4	87.4	89.2	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 900	17.2	84.7	87.7	89.1	91.5	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 800	17.2	84.7	87.7	89.2	90.9	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	17.2	85.2	89.1	89.7	91.4	92.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	17.2	85.9	89.9	90.9	92.4	93.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 500	17.2	86.4	89.5	91.7	93.9	94.5	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	17.2	86.9	90.2	92.7	95.3	96.3	97.7	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	17.2	86.9	90.2	92.7	95.3	96.4	98.3	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	17.2	86.9	90.2	92.7	95.3	96.4	98.3	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	17.2	86.9	90.2	92.7	95.3	96.4	98.3	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 0	17.2	86.9	90.2	92.7	95.3	96.4	98.3	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 640

GLOHAL CLIMATOLOGY BRANCH
 U.S. AF/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-81
 MONTH: MAY HOURS(LS.): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	7/16	3/8	1/4
NO CEIL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	13.9	51.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 18000	13.9	51.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 16000	13.9	51.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 14000	13.9	51.7	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	52.3
GE 12000	13.9	52.3	52.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 10000	13.9	54.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 9000	13.9	54.9	55.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 8000	14.4	58.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 7000	14.7	60.5	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	62.2
GE 6000	15.4	62.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 5000	16.5	65.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	16.8	66.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	17.1	68.5	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3500	17.4	69.6	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 3000	18.2	75.4	77.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2500	18.9	79.7	82.4	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	18.9	83.5	85.9	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1800	18.9	83.8	87.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	18.9	85.1	88.5	89.6	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	18.9	88.1	89.4	90.6	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	18.9	87.0	90.4	91.5	92.4	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 900	18.9	87.2	91.6	91.8	91.8	91.8	91.8	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 800	18.9	87.4	91.6	92.5	93.4	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	18.9	87.8	91.5	93.0	94.4	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	18.9	88.2	92.0	93.6	95.4	95.7	95.8	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	19.0	88.8	93.1	95.4	97.4	98.1	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	19.0	88.8	93.1	95.4	97.4	98.1	98.9	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	19.0	88.8	93.1	95.4	97.4	98.9	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	19.0	88.8	93.1	95.4	97.4	98.9	99.0	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	19.0	88.8	93.1	95.4	97.4	98.9	99.0	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 625

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM BY

PERIOD OF RECORD: 79-86
MONTH: MAY HOURS(UT): 1600-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096	1/8192	1/16384	1/32768
NO CLD	22.3	47.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 2000	23.9	54.8	55.1	55.1	55.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1800	23.9	54.8	55.1	55.1	55.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1600	23.9	54.8	55.1	55.1	55.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1400	23.9	54.8	55.1	55.1	55.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1200	23.9	55.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1000	25.2	60.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 900	25.5	61.6	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
GE 800	26.8	65.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 700	27.1	66.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 600	28.7	68.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 500	29.0	71.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 450	29.7	71.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 400	29.7	75.2	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 350	29.7	76.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 300	29.7	79.0	81.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 250	30.3	83.5	85.1	85.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 200	30.3	84.8	87.7	88.4	89.0	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 180	30.3	85.2	88.4	89.0	89.7	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 150	30.7	86.1	89.4	90.0	90.6	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 120	30.3	87.1	90.3	91.0	91.5	91.9	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 100	30.3	87.4	90.5	92.3	92.9	93.2	93.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 90	30.6	87.7	91.3	92.9	93.5	93.9	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 80	30.6	87.7	91.3	92.9	93.5	94.2	94.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 70	31.3	88.7	92.3	94.2	94.8	95.5	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 60	31.0	89.0	92.5	94.5	95.2	95.8	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 50	31.3	89.7	93.5	95.8	96.4	97.4	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 40	31.3	89.7	93.5	95.8	97.4	98.1	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 30	31.3	89.7	93.5	95.8	97.4	98.4	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 20	31.3	89.7	93.5	95.8	97.4	98.4	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 10	31.3	89.7	93.5	95.8	97.4	98.4	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	31.3	89.7	93.5	95.8	97.4	98.4	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 310

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-84
 MONTH: MAY HOURS(EST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 1/2	GE 1/4	GE 1/8	GE 1/2	GE 1/4	GE
NO CEIL	13.3	42.4	43.4	43.6	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 20000	14.6	48.7	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 18000	14.6	48.7	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 16000	14.6	48.7	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 14000	14.6	48.8	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 12000	14.6	49.5	51.1	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 10000	14.9	52.3	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 9000	15.1	53.7	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 8000	15.5	57.0	58.9	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 7000	15.8	59.2	61.4	62.0	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 6000	16.4	63.7	65.0	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 5000	17.3	63.7	65.2	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	17.9	65.2	67.7	68.3	68.5	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4000	18.5	67.9	70.5	71.3	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3500	18.8	69.4	72.2	73.0	73.2	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3000	19.3	73.4	75.4	77.5	77.4	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2500	19.9	76.9	80.3	81.5	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2000	20.1	80.1	83.4	85.1	85.7	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1800	20.2	80.5	84.3	85.6	86.7	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1500	20.2	82.0	85.4	87.3	88.2	88.5	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	20.2	82.5	85.4	87.4	88.4	88.3	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1700	20.2	83.5	87.6	89.2	90.5	91.0	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 900	20.2	84.0	88.2	90.0	91.3	91.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 800	20.2	84.1	88.4	90.2	91.7	92.3	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	20.3	84.6	88.9	90.8	92.3	93.0	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	20.3	85.0	89.3	91.4	93.2	93.9	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	20.4	85.4	90.0	92.3	94.5	95.4	96.2	96.7	96.7	96.9	97.3	97.1	97.1	97.2	97.2	97.2
GE 400	20.4	85.0	90.2	92.7	95.3	96.4	97.3	97.9	98.0	98.2	98.4	98.5	98.5	98.6	98.6	98.6
GE 300	20.4	85.6	90.7	92.8	95.4	96.6	97.9	98.7	98.8	99.0	99.2	99.4	99.4	99.5	99.5	99.5
GE 200	20.4	85.7	90.3	92.4	95.5	96.7	98.1	99.0	99.1	99.4	99.6	99.8	99.8	99.9	100.0	100.0
GE 100	20.4	85.7	90.3	92.4	95.5	96.7	98.1	98.9	99.1	99.4	99.6	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2741

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 741700 STATION NAME: FT DUNN KY

PERIOD OF RECORD: 79-44
MONTH: JUN HOURS/SET: 0600-1900

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1/2	5/8	3/4	7/8	1	1 1/2	1 1/4	1 1/2	1 3/4	1 1/2	1 1/4	1 1/2	1 3/4	1 1/2	1 1/4	1 1/2
NO CEIL	13.9	42.1	44.2	45.7	46.7	46.3	46.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 20000	14.0	46.6	47.3	50.7	51.3	51.3	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 18000	14.0	46.6	47.3	50.7	51.3	51.3	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 16000	14.0	46.6	47.3	50.7	51.3	51.3	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 14000	14.2	47.6	51.0	51.5	52.1	52.1	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 12000	14.2	47.6	51.0	52.1	52.6	52.6	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 10000	15.2	49.4	57.0	54.9	55.4	55.4	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 9000	15.1	51.9	55.4	57.3	57.9	57.9	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	17.0	55.2	59.4	61.2	61.4	61.8	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 7000	17.7	58.6	59.7	62.0	62.7	62.7	63.3	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 6000	18.5	56.9	61.4	63.7	64.4	64.4	65.0	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 5000	18.5	54.0	63.7	65.9	66.7	66.7	67.2	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4000	18.5	59.0	63.7	65.1	66.9	66.9	67.4	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 3000	18.7	61.4	65.4	69.5	70.6	70.6	71.2	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 2000	18.7	62.4	64.2	71.3	72.5	72.5	73.0	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 1000	19.3	65.4	73.4	74.0	75.3	75.3	76.0	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 0000	19.9	67.6	77.0	75.5	74.7	74.5	79.2	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 20000	20.0	72.1	77.1	74.8	80.7	81.9	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 18000	20.0	72.1	77.1	74.8	81.5	81.8	82.8	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 16000	20.0	71.7	75.7	83.1	80.7	80.4	86.3	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 14000	20.5	72.8	74.4	84.5	86.0	87.6	88.6	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 12000	21.6	73.4	81.5	81.5	84.7	89.7	91.0	91.6	91.6	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 10000	21.7	73.8	81.5	85.7	84.7	84.1	91.6	92.1	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 9000	21.7	74.2	87.5	87.8	90.1	91.2	92.7	93.3	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 8000	21.3	74.1	87.7	87.8	93.1	91.2	92.9	93.6	93.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 7000	21.6	74.2	87.0	84.0	90.4	92.5	94.4	95.1	95.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 6000	21.6	74.3	83.0	84.4	91.4	93.3	95.1	96.3	96.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 5000	20.5	74.7	83.1	84.6	91.4	93.4	95.3	96.8	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4000	20.5	74.3	83.1	84.8	93.1	94.0	96.1	97.9	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000	20.5	74.3	83.1	84.8	92.1	94.0	96.1	97.9	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	21.0	74.3	83.1	84.8	92.1	94.0	96.1	97.9	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	21.0	74.3	83.1	84.8	92.1	94.0	96.1	97.9	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VARIOUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM VY

PERIOD OF RECORD: 79-86
MONTH: JUN HOURS(DST): 090-110

NO	CEILING IN FEET	VISIBILITY IN STATUTE MILES															
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 1/4	GE 1/8	
NO	CEIL	14.6	44.5	46.3	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE	20000	15.2	49.8	52.2	53.4	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE	18000	15.2	49.8	52.2	53.4	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE	16000	15.2	49.8	52.2	53.4	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE	14000	15.2	49.8	52.2	53.4	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE	12000	15.2	50.3	52.5	53.8	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE	10000	15.9	54.3	57.1	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE	9000	17.4	55.7	58.5	59.7	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE	8000	17.7	58.8	61.7	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE	7000	18.0	59.5	62.5	64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE	6000	18.3	60.3	63.4	64.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE	5000	18.8	63.2	65.3	67.8	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE	4500	18.9	63.4	65.5	68.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE	4000	18.9	64.8	68.2	69.8	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE	3500	18.9	66.0	69.4	71.2	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE	3000	19.1	68.6	72.2	74.5	75.4	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE	2500	20.2	71.1	75.2	77.8	78.9	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE	2000	21.2	75.5	80.2	82.8	83.8	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE	1800	21.2	75.8	80.5	83.4	84.5	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE	1500	21.4	79.4	84.3	87.4	89.1	89.5	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE	1200	21.5	80.5	85.7	88.9	90.4	91.4	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE	1000	21.5	81.4	85.8	90.3	92.3	92.9	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE	900	21.5	82.0	87.7	91.2	93.2	93.8	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	800	21.5	82.0	87.7	91.4	93.5	94.2	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE	700	21.7	82.5	88.5	92.2	94.5	95.1	95.8	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	600	21.8	83.1	89.4	93.1	95.4	96.2	96.9	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	500	21.8	83.1	89.5	93.5	96.3	97.4	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	400	21.8	83.1	89.5	93.5	96.3	97.4	98.2	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	300	21.8	83.1	89.5	93.5	96.3	97.4	98.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	200	21.8	83.1	89.5	93.5	96.3	97.4	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	100	21.8	83.1	89.5	93.5	96.3	97.4	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 656

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILINGS VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-84
MONTHS: 006 HOURS/DAY: 12.0-14.0

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1 1/2	GE 2 1/2	GE 3 1/2	GE 4 1/2	GE 5 1/2	GE 6 1/2	GE 7 1/2	GE 8 1/2	GE 9 1/2	GE 10 1/2	GE 11 1/2	GE 12 1/2	GE 13 1/2	GE 14 1/2	GE 15 1/2	GE 16 1/2	
NO CELL	17.4	42.4	44.5	45.6	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 20000	14.7	48.7	51.3	51.9	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
GE 18000	14.7	48.7	53.8	51.9	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
GE 16000	14.7	48.7	51.8	51.9	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
GE 14000	14.7	48.8	51.0	52.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 12000	14.7	49.5	51.5	52.8	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 10000	15.5	53.3	55.5	57.0	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 9000	16.0	54.8	57.7	59.7	59.5	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 8000	16.4	58.7	61.5	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000	17.4	59.9	62.8	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 6000	17.7	61.1	64.1	65.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 5000	17.8	63.6	67.1	68.5	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4500	18.1	64.1	67.7	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4000	18.1	66.1	69.7	71.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 3500	19.9	67.4	71.6	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3000	19.5	72.8	77.3	78.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	20.9	75.9	82.5	82.3	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	21.4	79.1	84.5	86.6	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1800	21.7	80.0	85.4	87.6	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	21.7	82.6	83.3	85.5	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	21.7	84.3	91.2	92.5	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	21.8	84.9	91.1	93.4	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	21.8	85.1	91.2	93.5	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	21.8	85.3	91.4	93.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	21.8	85.6	91.7	94.2	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	22.3	85.3	92.5	94.7	97.1	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	22.3	86.6	92.8	95.4	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	22.3	86.6	92.8	95.4	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	22.3	86.6	92.8	95.4	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	22.3	86.6	92.8	95.4	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	22.3	86.6	92.8	95.4	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

REGION OF RECORD: 79-86
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/10	GE 1/4	GE 1/8	GE 0	
NO CEIL	16.6	45.6	47.2	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	
GE 20000	17.6	49.7	51.3	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	
GE 18000	17.6	49.7	51.3	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	
GE 16000	17.6	49.7	51.3	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	
GE 14000	17.6	50.0	51.6	51.9	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	
GE 12000	17.6	51.3	52.8	53.1	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	
GE 10000	18.4	56.0	59.0	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
GE 9000	19.7	58.0	60.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
GE 8000	20.7	61.1	63.7	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
GE 7000	21.2	61.9	64.5	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
GE 6000	22.5	64.6	67.4	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
GE 5000	23.1	67.6	70.7	71.2	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	
GE 4500	24.1	68.7	72.0	72.5	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
GE 4000	25.9	72.0	75.6	76.4	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	
GE 3500	26.2	72.5	75.2	76.9	77.5	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 3000	27.7	77.2	81.1	81.9	82.6	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
GE 2500	28.5	78.5	82.5	83.9	84.7	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
GE 2000	29.5	80.6	84.7	85.3	87.0	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
GE 1800	29.8	81.3	85.5	87.3	88.3	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
GE 1500	30.3	82.9	87.3	89.4	91.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 1200	30.6	84.5	89.4	91.5	93.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
GE 1000	30.6	85.2	91.2	92.5	94.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 900	30.6	85.8	91.2	93.8	95.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
GE 800	30.8	86.8	91.5	94.0	96.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 700	30.8	86.6	91.5	94.0	96.4	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
GE 600	31.1	86.8	92.5	95.1	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 500	31.1	87.0	93.3	95.6	97.7	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 400	31.1	87.0	93.3	95.6	97.7	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 300	31.1	87.0	93.3	95.6	97.7	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	31.1	87.0	93.3	95.6	97.7	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	31.1	87.0	93.3	95.6	97.7	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 186

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-84
MONTH: JUN HOURS(1ST): ALL

CFILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GF 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GL 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GF 0
NO CELL	14.4	41.5	45.4	46.5	47.1	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 2000	14.2	44.7	51.9	52.0	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GF 1400	14.2	44.7	51.9	52.0	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GF 1600	14.2	44.7	51.9	52.0	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GF 1400	14.2	44.9	51.2	52.3	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GF 1200	14.3	44.6	51.9	53.0	53.6	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GF 1000	14.3	51.1	55.9	57.1	57.7	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GF 900	14.1	54.9	57.7	58.9	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GF 800	17.7	54.3	61.5	62.8	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GF 700	14.2	59.1	67.3	63.8	64.4	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GF 600	14.6	61.5	63.4	65.3	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GF 500	19.2	63.1	65.7	68.2	68.9	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GF 400	14.2	61.4	67.1	68.7	69.3	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GF 300	17.9	65.6	69.5	71.4	72.2	72.3	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GF 200	20.3	67.0	71.9	72.9	73.7	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GF 100	20.8	70.5	74.7	76.9	77.9	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GF 2500	21.7	72.9	77.5	80.0	81.1	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GF 2000	22.4	75.9	81.0	83.6	85.0	85.4	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GF 1800	22.6	76.5	81.5	84.4	85.8	86.2	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GF 1500	22.8	77.1	84.5	87.6	89.4	90.0	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GF 1200	22.9	80.5	85.2	89.3	91.3	92.1	92.5	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GF 1000	23.0	81.2	87.3	90.6	92.7	93.6	94.1	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GF 900	23.0	81.6	87.9	91.3	93.3	94.2	94.8	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GF 800	23.0	81.8	88.2	91.7	94.0	94.9	95.5	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GF 700	23.1	82.0	88.5	92.0	94.4	95.3	95.9	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GF 600	23.3	82.5	89.2	92.8	95.3	96.4	97.2	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GF 500	23.3	82.7	89.5	93.2	96.0	97.3	98.0	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GF 400	23.3	82.7	89.5	93.2	96.0	97.3	98.1	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GF 300	23.3	82.7	89.6	93.3	96.2	97.5	98.3	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GF 200	23.3	82.7	89.6	93.3	96.2	97.5	98.3	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GF 100	23.3	82.7	89.6	93.3	96.2	97.5	98.3	99.3	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GF 0	23.3	82.7	89.5	93.3	96.2	97.5	98.3	99.3	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2221

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM YV

PERIOD OF RECORD: 79-86
MONTH: JUL HOURS(LST): 0600-2400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3 1/2	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	14.4	47.7	51.2	53.0	57.7	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	15.2	53.6	57.2	59.2	60.0	60.7	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000	15.2	53.6	57.2	59.2	60.0	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 16000	15.2	53.6	57.2	59.2	60.0	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 14000	15.2	54.3	58.0	60.0	60.7	61.4	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	15.2	55.2	58.9	61.2	62.8	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 10000	16.1	58.7	62.5	65.6	66.7	67.5	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0
GE 9000	16.1	59.2	63.1	66.2	67.3	68.0	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6
GE 8000	16.3	61.8	65.4	70.2	71.3	72.0	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6
GE 7000	16.3	62.5	67.1	70.9	72.2	72.9	73.1	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.7	73.7	73.7	73.7
GE 6000	16.5	63.4	68.2	72.0	73.5	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.8	75.0	75.0	75.0
GE 5000	17.4	66.4	71.1	75.0	76.8	77.5	77.7	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
GE 4500	17.7	66.9	71.8	75.7	77.5	78.2	78.4	78.4	78.4	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0
GE 4000	18.8	68.7	74.5	78.6	80.4	81.2	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9
GE 3500	19.2	69.5	75.3	79.3	81.2	81.9	82.3	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.8
GE 3000	19.2	71.1	77.5	81.5	83.7	84.5	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6
GE 2500	19.4	71.7	78.4	82.6	84.4	85.9	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.2	87.2
GE 2000	19.6	72.0	78.8	83.0	85.4	86.5	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9
GE 1800	19.6	72.4	79.2	83.4	85.7	86.8	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3
GE 1500	19.6	73.7	80.4	84.8	87.2	88.3	89.2	89.6	89.6	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1
GE 1200	19.6	74.2	81.4	85.9	88.7	89.8	90.7	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6
GE 1000	19.6	74.4	81.7	86.3	89.0	90.5	92.0	92.5	92.5	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1
GE 900	19.6	75.0	82.4	87.0	89.4	91.4	93.1	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3
GE 800	19.6	75.3	82.8	87.4	90.1	92.0	93.6	94.5	94.5	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 700	19.6	75.7	83.2	87.8	90.7	92.5	94.3	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8
GE 600	19.6	76.4	83.9	88.5	91.4	93.2	95.1	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 500	19.6	76.4	84.1	89.0	92.0	94.3	96.3	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2
GE 400	19.6	76.4	84.1	89.0	92.0	94.3	96.7	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7
GE 300	19.6	76.4	84.1	89.0	92.0	94.3	96.9	98.4	98.4	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1
GE 200	19.6	76.4	84.1	89.2	92.1	94.5	97.1	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 100	19.6	76.4	84.1	89.2	92.1	94.5	97.1	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 0	19.6	76.4	84.1	89.2	92.1	94.5	97.1	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 547

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-84
MONTH: JULY HOURS: 0100-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 1/2	GE 1/4	GE 1/8	GE 1/16	GE 1/8
NO CEIL	13.1	50.1	52.1	52.2	52.7	52.8	53.0	53.0	53.0	53.1	53.1	53.0	53.0	53.0	53.0	53.0
GE 20000	13.4	57.5	59.7	60.1	60.5	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	13.4	57.5	59.7	60.1	60.5	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	13.4	57.5	59.7	60.1	60.5	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 14000	13.4	58.2	60.5	61.0	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	13.4	58.8	61.2	61.9	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	13.9	63.3	65.1	67.0	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 9000	14.2	64.0	65.9	67.8	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 8000	14.5	65.6	69.7	70.6	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	14.6	67.2	70.3	71.2	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	14.8	67.6	70.9	72.1	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	15.8	69.4	73.0	74.5	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4500	16.0	70.1	73.7	75.1	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	17.0	72.2	75.1	77.8	78.5	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3500	17.2	73.6	77.5	79.1	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	17.5	77.3	81.5	83.4	84.3	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500	17.8	78.4	82.9	84.8	86.1	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000	18.2	80.3	85.2	87.2	88.5	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1800	18.4	80.4	85.7	87.6	89.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	19.0	82.2	87.9	90.0	92.4	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	19.1	83.0	89.1	91.5	93.9	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	19.1	83.1	89.3	91.9	94.8	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	19.1	83.4	89.7	92.5	95.4	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	19.1	83.6	90.0	92.7	96.0	96.9	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	19.1	84.0	90.4	93.3	96.7	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	19.1	84.2	90.6	93.6	97.1	97.9	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	19.1	84.2	90.7	93.7	97.3	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	19.1	84.2	90.7	93.7	97.5	98.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	19.1	84.2	90.9	93.9	97.5	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	19.1	84.2	90.9	93.9	97.6	98.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	19.1	84.2	90.9	93.9	97.6	98.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	19.1	84.2	90.9	93.9	97.6	98.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 670

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 77-87
MONTH: 000 HOURS (UTC): 1200-1800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 1/3	GE 1/4	GE
NO CEIL	15.6	51.1	53.7	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	17.1	60.2	62.7	64.5	64.7	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 18000	17.1	60.2	62.7	64.5	64.7	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 16000	17.1	60.2	62.7	64.5	64.7	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 14000	17.1	60.6	63.3	65.1	65.3	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 12000	17.1	61.2	63.9	65.3	65.5	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	17.3	63.8	67.1	69.6	69.4	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 9000	17.4	65.0	69.3	71.0	71.1	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	18.0	67.4	71.5	73.8	74.0	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 7000	18.0	68.1	71.9	74.7	74.9	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	18.0	68.3	72.3	75.2	75.1	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 5000	18.2	68.7	73.2	75.1	76.2	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	18.2	69.0	73.5	76.5	76.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4000	18.5	72.0	75.9	80.0	80.5	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	19.1	75.2	83.3	83.8	84.2	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3000	19.8	77.7	82.6	86.3	86.4	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2500	20.0	79.4	84.4	88.1	88.6	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000	20.6	81.2	85.5	90.2	90.7	91.3	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1800	20.6	81.4	85.5	90.5	91.0	91.6	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	20.6	81.3	87.5	91.4	92.6	93.2	94.1	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	20.8	82.9	89.7	92.6	94.0	94.6	95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000	20.8	83.9	89.9	94.0	95.3	95.9	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	20.8	84.5	90.5	94.6	95.9	96.5	97.4	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	20.9	85.0	91.1	95.2	97.0	97.6	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	20.9	85.1	91.1	95.2	97.0	97.6	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	20.9	85.0	91.1	95.3	97.1	97.7	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	20.9	85.0	91.1	95.6	97.4	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	20.9	85.0	91.5	95.8	97.6	98.2	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	20.9	85.0	91.5	95.8	97.6	98.3	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	20.9	85.0	91.7	95.9	97.7	98.5	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	20.9	85.0	91.7	95.9	97.7	98.5	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM WY

PERIOD OF RECORD: 79-86
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4
NO CEIL	15.8	51.9	55.5	56.8	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 20000	17.2	60.7	64.2	66.4	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GF 18000	17.2	60.7	64.2	66.4	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 16000	17.2	60.7	64.2	66.4	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GF 14000	17.2	60.7	64.2	66.4	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 12000	17.2	60.7	64.2	66.4	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 10000	18.9	65.6	68.6	71.6	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GF 9000	18.9	65.6	68.6	71.6	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000	19.7	68.9	72.7	75.0	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GF 7000	19.7	68.9	72.7	75.0	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 6000	19.7	68.9	72.7	75.0	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GF 5000	19.7	71.6	75.0	77.5	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GF 4000	19.7	71.6	75.0	77.5	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GF 3500	19.9	74.0	78.4	82.0	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GF 3000	19.9	74.0	78.4	82.0	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GF 2500	20.5	80.1	84.4	88.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GF 2000	20.5	80.1	84.4	88.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GF 1800	20.5	81.4	85.8	89.6	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GF 1500	20.5	81.4	85.8	89.6	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GF 1200	20.5	82.5	87.0	91.0	94.0	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GF 1000	20.5	82.5	87.0	91.0	94.0	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GF 900	20.5	83.3	88.0	91.8	95.1	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GF 800	20.5	83.3	88.0	91.8	95.1	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GF 700	20.8	83.4	88.5	92.6	96.2	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GF 600	20.8	84.2	89.8	92.9	96.4	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GF 500	20.8	84.2	89.8	93.2	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GF 400	20.8	85.0	89.5	94.0	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GF 300	20.8	85.2	89.9	94.3	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF 200	20.8	85.2	89.9	94.3	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF 100	20.8	85.2	89.9	94.3	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 566

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
MONTH: JUL HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	CE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	14.6	50.1	52.9	54.1	54.6	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
GE 20000	15.6	57.8	61.7	62.2	62.7	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	
GE 18000	15.6	57.8	61.7	62.2	62.7	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	
GE 16000	15.6	57.8	61.7	62.2	62.7	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	
GE 14000	15.6	58.4	61.4	62.9	63.3	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
GE 12000	15.6	59.1	62.1	64.0	64.5	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	
GE 10000	16.2	62.6	65.9	68.2	68.6	69.1	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
GE 9000	16.4	63.4	65.7	69.0	69.4	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
GE 8000	16.4	66.0	69.8	72.5	72.9	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	
GE 7000	16.9	66.8	71.5	73.2	73.8	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	
GE 6000	16.9	67.3	71.5	74.0	74.6	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 5000	17.5	68.6	73.1	75.8	76.6	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	
GE 4500	17.7	69.3	73.5	76.4	77.2	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	
GE 4000	18.4	71.6	75.3	79.3	80.2	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	
GE 3500	18.7	73.5	79.2	81.4	82.3	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	
GE 3000	19.0	76.0	81.9	84.2	85.5	86.0	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	
GE 2500	19.3	77.3	82.5	85.8	87.2	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	
GE 2000	19.6	78.7	84.1	87.5	89.1	89.7	90.4	90.4	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	
GE 1800	19.7	78.9	84.4	87.8	89.3	90.0	90.7	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	
GE 1500	19.8	81.2	85.9	89.3	91.5	92.2	92.9	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	
GE 1200	19.9	80.8	85.9	90.5	92.7	93.5	94.2	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	
GE 1000	19.9	81.3	87.4	91.1	93.6	94.4	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 900	19.9	81.7	87.9	91.7	94.1	95.0	95.9	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
GE 800	20.0	82.0	85.3	92.1	94.9	96.0	97.0	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 700	20.0	82.3	88.6	92.4	95.3	96.4	97.4	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	
GE 600	20.0	82.5	89.8	92.8	95.6	96.7	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 500	20.0	82.7	89.1	93.1	96.1	97.3	98.4	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	
GE 400	20.0	82.7	89.2	93.3	96.2	97.4	98.6	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	
GE 300	20.0	82.7	89.3	93.3	96.3	97.5	98.8	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	
GE 200	20.0	82.7	89.3	93.4	96.4	97.6	98.8	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	
GE 100	20.0	82.7	89.3	93.4	96.4	97.6	98.8	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	
GE 0	20.0	82.7	89.3	93.4	96.4	97.6	98.8	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2248

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: AUG HOURS(LST): 0600-0300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/4	1 1/2	2	2 1/4	2 1/2	3	3 1/4	3 1/2	4	4 1/4	4 1/2	5	5 1/4	5 1/2	6
NO CEIL	15.5	39.7	42.9	44.9	46.2	47.6	48.4	48.7	48.7	49.3	49.3	49.3	49.5	49.5	50.1	50.3
GE 20000	16.4	42.0	45.3	47.4	48.7	50.1	50.9	51.3	51.3	51.8	51.8	51.8	52.0	52.0	52.6	52.6
GE 18000	16.4	42.0	45.3	47.4	48.7	50.1	50.9	51.3	51.3	51.8	51.8	51.8	52.0	52.0	52.6	52.6
GE 16000	16.4	42.0	45.3	47.4	48.7	50.1	50.9	51.3	51.3	51.8	51.8	51.8	52.0	52.0	52.6	52.6
GE 14000	16.4	42.4	45.8	48.0	49.3	50.7	51.5	51.8	51.8	52.4	52.4	52.4	52.6	52.6	53.2	53.4
GE 12000	16.4	43.1	45.9	48.9	50.3	51.6	52.4	52.8	52.8	53.4	53.4	53.4	53.6	53.6	54.2	54.4
GE 10000	16.4	44.7	48.7	51.1	52.8	54.4	55.1	55.5	55.5	56.1	56.1	56.1	56.3	56.3	56.9	57.1
GE 9000	16.4	45.5	49.5	51.8	53.5	55.3	56.1	56.5	56.5	57.1	57.1	57.1	57.3	57.3	57.8	58.0
GE 8000	16.6	46.4	50.5	52.8	54.9	56.7	57.4	57.8	57.8	58.4	58.4	58.4	58.6	58.6	59.2	59.4
GE 7000	17.2	48.4	52.8	55.5	57.6	59.6	60.5	60.9	60.9	61.5	61.5	61.5	61.7	61.7	62.3	62.5
GE 6000	17.2	48.7	53.4	56.1	58.2	60.7	61.1	61.5	61.5	62.1	62.1	62.1	62.3	62.3	62.9	63.1
GE 5000	17.8	50.3	55.1	58.0	60.5	62.7	63.6	64.0	64.0	64.6	64.6	64.6	64.8	64.8	65.4	65.6
GE 4500	17.8	51.3	56.1	59.0	61.5	63.6	64.6	65.0	65.0	65.6	65.6	65.6	65.8	65.8	66.3	66.5
GE 4000	18.6	54.0	58.8	61.7	64.6	66.9	68.1	68.5	68.5	69.1	69.1	69.1	69.2	69.2	69.8	70.0
GE 3500	18.8	55.1	60.2	63.1	66.5	69.2	70.4	70.8	70.8	71.4	71.4	71.4	71.6	71.6	72.1	72.3
GE 3000	18.8	57.3	62.9	65.8	70.2	72.9	74.7	75.8	75.8	76.4	76.4	76.4	76.6	76.6	77.2	77.4
GE 2500	19.0	58.2	64.0	67.1	71.6	74.5	76.6	77.8	77.8	78.3	78.3	78.3	78.5	78.5	79.1	79.3
GE 2000	19.3	59.8	65.6	69.2	73.9	76.8	79.3	80.5	80.5	81.0	81.0	81.0	81.2	81.2	81.8	82.0
GE 1800	19.3	59.8	65.6	69.6	74.5	77.4	79.9	81.0	81.0	81.6	81.6	81.6	81.8	81.8	82.4	82.6
GE 1500	19.3	60.0	65.7	70.8	76.2	79.3	81.8	83.0	83.0	83.4	83.4	83.4	83.6	83.6	84.1	84.2
GE 1200	19.3	60.7	67.9	72.1	78.3	82.2	84.7	86.3	86.3	87.2	87.2	87.2	87.4	87.4	88.0	88.2
GE 1000	19.5	61.1	68.3	72.5	79.3	83.2	86.1	87.6	87.6	88.8	88.8	88.8	89.2	89.2	89.9	90.1
GE 900	19.5	61.3	68.5	72.7	79.5	83.4	86.3	88.2	88.2	89.4	89.4	89.4	89.7	89.7	90.5	90.7
GE 800	19.5	61.9	69.2	73.5	81.1	85.1	88.4	91.3	91.3	92.5	92.5	92.5	92.8	92.8	93.6	93.8
GE 700	19.7	62.3	69.6	74.1	81.5	85.7	89.2	92.1	92.1	93.2	93.2	93.2	93.6	93.6	94.4	94.6
GE 600	19.7	62.7	70.0	74.7	82.0	86.7	90.5	93.4	93.4	94.6	94.6	94.6	95.0	95.0	95.7	95.9
GE 500	19.7	63.2	70.6	75.4	83.4	87.4	91.3	94.4	94.4	95.6	95.6	95.6	96.0	96.0	96.7	96.9
GE 400	19.7	63.2	70.8	75.6	84.1	88.2	92.1	95.2	95.2	96.3	96.3	96.3	96.7	96.7	97.3	97.5
GE 300	19.7	63.4	71.0	75.8	84.3	88.6	92.5	95.6	95.6	96.7	96.7	96.7	97.1	97.1	97.7	97.9
GE 200	19.7	63.4	71.0	75.8	84.3	88.6	92.5	95.6	95.6	96.7	96.7	96.7	97.1	97.1	97.7	97.9
GE 100	19.7	63.4	71.0	75.8	84.3	88.6	92.5	95.6	95.6	96.7	96.7	96.7	97.1	97.1	97.7	97.9

TOTAL NUMBER OF OBSERVATIONS: 517

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: AUG HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8
NO CEIL	15.0	43.0	44.1	45.5	46.6	47.1	47.1	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	
GE 20000	16.1	45.3	45.5	48.2	49.3	49.8	49.8	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
GE 18000	16.1	45.3	45.5	48.2	49.3	49.8	49.8	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
GE 16000	16.1	45.3	45.6	48.2	49.3	49.8	49.8	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
GE 14000	16.1	45.6	47.1	48.7	49.9	50.2	50.2	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	
GE 12000	16.4	47.2	49.5	50.1	51.2	51.7	51.7	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
GE 10000	16.9	50.6	51.8	53.6	55.1	55.6	55.6	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	
GE 9000	16.9	51.0	52.3	54.2	55.8	56.2	56.2	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	
GE 8000	17.2	53.6	55.1	57.8	59.7	60.2	60.2	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
GE 7000	17.7	54.5	55.2	59.4	61.5	61.9	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
GE 6000	18.2	55.1	55.9	60.0	62.1	62.6	62.6	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	
GE 5000	18.5	56.7	58.5	61.6	64.1	64.6	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
GE 4500	19.1	57.3	59.1	62.4	65.1	65.6	65.6	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	
GE 4000	19.6	59.6	61.6	64.9	67.9	68.4	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	
GE 3500	20.1	61.5	63.7	67.0	70.0	70.9	71.2	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	
GE 3000	20.2	64.6	67.5	71.2	74.9	75.8	76.5	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
GE 2500	20.7	66.5	69.4	73.5	77.5	78.5	79.1	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
GE 2000	20.7	69.2	72.7	77.3	81.5	83.3	84.0	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
GE 1800	20.7	69.4	72.8	77.4	81.7	83.4	84.2	84.6	84.6	85.3	85.3	85.0	85.0	85.0	85.0	85.0	85.0	
GE 1500	21.2	71.2	75.4	80.4	85.0	86.7	87.5	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
GE 1200	21.6	73.3	77.9	83.3	88.2	90.2	91.3	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
GE 1000	21.6	74.7	79.6	85.2	90.0	92.1	93.4	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 900	21.6	74.7	79.6	85.2	90.0	92.3	93.5	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 800	21.6	75.7	81.0	86.7	91.5	94.3	95.6	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
GE 700	21.6	75.1	81.8	87.5	92.5	95.1	96.4	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 600	21.6	76.3	82.0	88.2	93.4	96.1	97.3	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 500	21.6	76.3	82.1	88.3	93.7	96.4	97.8	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 400	21.6	76.3	82.1	88.5	93.9	96.5	98.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 300	21.6	76.3	82.1	88.5	93.9	96.6	98.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 200	21.6	76.3	82.1	88.5	93.5	96.8	98.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 100	21.6	76.3	82.1	88.5	93.4	96.8	98.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	

TOTAL NUMBER OF OBSERVATIONS: 533

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILINGS VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.2	42.7	44.2	44.9	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 2000	15.2	47.0	47.7	47.8	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 1800	15.2	47.0	47.2	47.8	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 1600	15.2	47.0	47.2	47.8	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 1400	15.2	47.1	47.4	47.4	50.0	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 1200	16.0	49.0	51.3	51.9	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 1000	16.1	52.1	54.3	55.0	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 900	16.6	53.7	55.1	55.7	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 800	17.4	56.2	58.9	59.7	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 700	18.1	59.0	60.7	62.0	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 600	18.4	59.3	61.0	62.3	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 500	19.8	60.4	63.1	64.4	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 450	20.1	61.3	64.2	65.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 400	20.6	63.1	65.1	67.7	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 350	21.6	65.2	68.4	70.1	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 300	22.0	71.1	75.1	77.8	80.7	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 250	22.4	74.9	79.1	81.8	84.2	84.3	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 200	23.0	78.9	83.7	86.4	89.1	89.8	90.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 180	23.5	79.7	84.7	87.4	90.1	90.7	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 150	24.1	81.8	87.1	89.9	93.3	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 120	24.3	83.1	89.7	91.7	95.0	96.2	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 100	24.3	83.2	89.0	92.2	95.5	96.5	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 90	24.3	83.4	89.1	92.3	95.7	96.8	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 80	24.3	83.4	89.3	92.5	95.8	97.0	97.4	97.6	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9
GE 70	24.3	83.4	89.5	92.8	96.2	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 60	24.3	83.5	89.6	93.1	96.8	97.9	98.4	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 50	24.3	83.5	89.6	93.1	96.8	97.9	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 40	24.3	83.7	89.8	93.3	97.0	98.1	98.6	99.0	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7
GE 30	24.3	83.7	89.8	93.3	97.0	98.1	98.6	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 20	24.3	83.7	89.8	93.3	97.0	98.1	98.6	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 10	24.3	83.7	89.8	93.3	97.0	98.1	98.6	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	24.3	83.7	89.8	93.3	97.0	98.1	98.6	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 626

GLOBAL CLIMATOLOGY BRANCH
USAF/DTIC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-84
MONTH: AUG HOURS(EST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
NO CEIL	17.7	45.3	47.2	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GF 20000	19.3	50.3	52.2	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GF 18000	19.3	50.3	52.2	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GF 16000	19.3	50.3	52.2	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GF 14000	19.3	50.3	52.2	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GF 12000	19.3	51.6	52.5	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GF 10000	19.3	53.1	55.0	55.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GF 9000	21.1	55.9	57.8	58.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GF 8000	21.7	57.6	62.1	63.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GF 7000	25.0	61.8	64.3	65.2	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GF 6000	25.8	64.9	67.4	68.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GF 5000	27.0	67.7	71.2	71.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GF 4500	28.3	69.6	72.9	73.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GF 4000	29.3	71.4	74.2	75.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GF 3500	29.6	72.7	75.1	78.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GF 3000	29.9	74.0	82.6	85.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GF 2500	29.5	81.1	85.0	88.5	90.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GF 2000	30.1	85.2	89.5	91.0	92.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GF 1800	30.1	85.5	89.8	91.3	92.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GF 1500	30.1	89.2	89.4	91.9	94.5	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GF 1200	30.1	85.1	93.7	93.2	95.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GF 1000	30.1	85.1	93.7	93.2	95.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GF 900	30.1	85.1	93.7	93.2	95.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GF 800	30.1	85.1	93.7	93.2	95.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GF 700	30.1	86.6	92.2	94.7	96.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GF 600	30.1	86.6	92.2	94.7	96.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GF 500	30.1	86.6	92.2	94.7	96.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GF 400	30.1	86.6	92.2	94.7	96.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GF 300	30.1	86.6	92.2	94.7	96.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GF 200	30.1	86.6	92.2	94.7	96.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GF 100	30.1	86.6	92.2	94.7	96.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GF 0	30.1	86.6	92.2	94.7	96.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS: 322

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFAC
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743750 STATION NAME: FT DRUM YV

PERIOD OF RECORD: 79-84
 MONTH: AUG HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 3/8	GE 1/4	GE 1/8	
NO CEIL	15.3	42.9	49.3	45.5	46.7	46.8	47.0	47.1	47.1	47.3	47.3	47.3	47.4	47.4	47.5	47.6	
GE 10000	16.4	45.8	47.9	49.2	50.1	50.6	50.8	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.3	51.4	
GE 14000	16.4	45.8	47.9	49.2	50.1	50.6	50.8	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.3	51.4	
GE 16000	16.4	45.8	47.9	49.2	50.1	50.6	50.8	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.3	51.4	
GE 14000	16.4	45.8	47.9	49.2	50.1	50.6	50.8	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.3	51.4	
GE 12000	16.7	47.3	47.5	50.9	51.8	50.2	52.5	52.6	52.6	52.8	52.9	52.9	52.9	53.0	53.1		
GE 10000	16.9	50.0	52.3	53.7	55.1	55.7	55.9	56.1	56.1	56.2	56.2	56.2	56.3	56.4	56.4		
GE 9000	17.3	51.2	53.6	55.1	56.5	57.1	57.3	57.4	57.4	57.6	57.6	57.7	57.7	57.8	57.9		
GE 8000	17.8	53.5	55.2	58.0	59.7	60.3	60.5	60.7	60.7	60.9	60.9	60.9	60.9	61.1	61.1		
GE 7000	18.5	55.1	58.0	60.1	61.9	62.5	62.8	63.0	63.0	63.2	63.2	63.2	63.2	63.3	63.4		
GE 6000	19.2	55.0	58.9	61.1	62.7	63.5	63.8	63.9	63.9	64.1	64.1	64.1	64.2	64.3	64.3		
GE 5000	20.0	57.9	60.8	63.1	65.2	65.8	66.1	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.6		
GE 4500	20.6	58.9	61.9	64.2	66.4	67.1	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.9		
GE 4000	21.0	61.1	64.2	66.6	69.1	69.8	70.2	70.4	70.4	70.5	70.5	70.6	70.6	70.7	70.8		
GE 3500	21.5	62.7	65.1	68.6	71.3	72.3	72.7	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.2		
GE 3000	21.7	65.7	70.9	74.0	77.1	78.3	79.1	79.5	79.5	79.7	79.7	79.7	79.7	79.9	79.9		
GE 2500	22.1	69.2	73.5	76.7	80.0	81.2	82.1	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.9		
GE 2000	22.5	71.9	75.6	80.1	83.6	85.2	86.2	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.1		
GE 1800	22.6	72.3	77.1	80.6	84.1	85.8	86.8	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.7		
GE 1600	23.0	73.6	78.9	82.7	86.7	88.5	89.5	90.0	90.0	90.3	90.3	90.3	90.4	90.4	90.5		
GE 1200	23.2	74.9	80.6	84.6	88.9	91.0	92.1	92.8	92.8	93.1	93.1	93.1	93.2	93.2	93.3		
GE 1000	23.2	75.5	81.3	85.4	89.8	91.9	93.2	93.9	93.9	94.3	94.3	94.3	94.4	94.4	94.6		
GE 900	23.2	75.6	81.4	85.5	89.9	92.1	93.4	94.1	94.1	94.5	94.5	94.5	94.6	94.6	94.8		
GE 800	23.2	75.2	82.3	86.4	91.0	93.4	94.8	95.8	95.8	96.2	96.2	96.2	96.3	96.3	96.5		
GE 700	23.3	75.5	82.7	86.9	91.6	93.9	95.4	96.4	96.4	96.8	96.8	96.9	96.9	97.1	97.2		
GE 600	23.3	75.7	82.9	87.3	92.3	94.7	96.3	97.2	97.2	97.7	97.7	97.7	97.9	97.9	98.1		
GE 500	23.3	76.8	83.1	87.6	92.6	95.0	96.6	97.8	97.8	98.4	98.4	98.6	98.8	98.8	99.0		
GE 400	23.3	76.9	83.2	87.7	92.7	95.3	96.9	98.1	98.1	98.8	98.8	98.9	99.1	99.1	99.3		
GE 300	23.3	76.9	83.2	87.8	92.7	95.5	97.1	98.4	98.4	99.0	99.0	99.3	99.5	99.5	99.8		
GE 200	23.3	76.9	83.2	87.8	92.7	95.5	97.1	98.4	98.4	99.0	99.0	99.4	99.6	99.6	99.9		
GE 100	23.3	76.9	83.2	87.8	92.7	95.5	97.1	98.4	98.4	99.1	99.4	99.4	99.7	99.7	100.0		
GE	11	23.3	76.9	83.2	87.8	92.7	95.5	97.1	98.4	98.4	99.1	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2338

GLOBAL CLIMATOLOGY BRANCH
USAF/DTIC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM YV

PERIOD OF RECORD: 78-86
MONTH: SEP HOURS (LST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 3/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	9.4	59.2	43.1	43.1	45.2	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 20000	9.4	41.9	47.0	47.0	49.3	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 18000	9.4	42.2	47.2	47.2	49.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 16000	9.4	42.2	47.2	47.2	49.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 14000	9.4	42.4	47.5	47.5	49.8	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 12000	9.4	42.4	47.5	47.7	50.0	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 10000	9.4	43.8	49.3	49.5	51.8	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 9000	9.4	43.8	49.3	49.5	51.8	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 8000	10.1	47.0	53.5	53.7	56.2	57.4	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 7000	10.4	47.9	54.4	54.6	58.1	59.4	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 6000	11.3	49.5	55.0	56.5	59.7	61.3	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 5000	11.8	52.5	59.0	59.7	63.4	64.7	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 4500	11.8	53.2	59.7	60.4	64.1	65.4	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4000	12.0	57.4	65.4	66.4	70.0	71.7	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3500	12.0	58.5	65.6	67.7	72.1	73.7	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3000	12.0	59.2	67.5	68.9	73.3	74.9	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2500	12.0	61.1	69.4	71.2	76.1	77.6	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2000	12.2	62.4	71.9	73.3	78.5	80.6	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1800	12.4	62.9	72.4	73.7	79.1	81.1	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500	13.1	65.7	75.7	78.3	84.1	86.2	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	13.4	66.6	77.0	83.2	85.0	88.0	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	13.6	68.2	79.3	81.0	87.3	90.1	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 700	13.6	69.2	79.3	81.6	87.3	90.1	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	13.6	68.4	79.5	81.8	88.0	91.0	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 500	13.9	68.7	79.7	82.0	88.5	91.7	93.8	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	13.9	68.9	80.0	82.3	88.7	92.2	94.2	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 300	13.8	68.9	80.2	82.5	88.9	92.9	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 200	13.8	69.1	80.4	82.9	89.4	93.5	96.1	96.8	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 100	13.9	69.1	80.4	82.9	89.4	93.5	96.5	97.7	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 01	13.8	69.1	80.4	82.9	89.4	93.5	96.5	97.7	97.9	98.4	98.4	98.6	98.6	98.6	98.8	99.3

TOTAL NUMBER OF OBSERVATIONS: 434

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-84
 MONTH: SEP HOURS (GMT): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GF 1	GE 3/4	GF 5/8	GF 1/2	GF 1/6	GF 1/4	GF	GF	
NO CEIL	15.6	41.0	42.0	42.5	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 20000	16.5	45.2	45.3	46.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 19000	16.5	45.2	45.3	46.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 16000	16.5	45.2	46.3	46.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 14000	16.5	45.4	45.5	47.0	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 12000	16.5	45.9	47.0	47.6	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 10000	16.8	48.8	49.9	50.5	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	51.4
GE 9000	17.2	50.8	51.9	52.4	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	53.3
GE 8000	17.2	52.6	53.7	54.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 7000	17.9	55.3	56.4	57.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 6000	18.6	56.6	57.9	58.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 5000	18.6	59.0	60.2	60.8	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	62.2
GE 4500	19.0	59.9	61.1	61.7	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	63.1
GE 4000	19.3	63.3	64.7	65.3	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 3500	19.5	65.3	67.3	67.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3000	19.7	69.8	72.2	72.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 2500	20.3	72.2	74.7	75.4	77.4	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2000	21.5	76.7	79.6	80.5	82.6	83.0	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	21.9	77.8	80.7	81.6	83.7	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1500	22.8	82.3	85.7	86.6	89.3	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1200	23.1	84.4	87.9	88.8	91.5	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	23.1	85.4	88.8	89.7	92.6	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	23.3	85.9	89.3	90.2	93.1	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	23.3	86.1	89.5	90.6	94.0	95.5	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	23.3	86.3	89.9	91.1	94.6	96.2	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	23.3	87.0	90.6	91.9	95.3	96.9	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	23.3	87.3	91.0	92.2	95.7	97.3	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	23.3	87.5	91.1	92.4	96.0	97.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	23.3	87.5	91.1	92.4	96.0	97.8	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	23.3	87.5	91.1	92.4	96.0	97.8	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	23.3	87.5	91.1	92.4	96.0	97.8	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 0	23.3	87.5	91.1	92.4	96.0	97.8	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 553

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY PERIOD OF RECORD: 78-86
MONTH: SEP HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17		
NO CEIL	14.5	38.1	38.3	38.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	
GF 20000	16.0	45.7	45.9	46.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GF 18000	16.0	45.7	45.9	46.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GF 16000	16.0	45.7	45.9	46.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GF 14000	16.0	45.7	45.9	46.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GF 12000	16.0	46.5	46.5	47.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GF 10000	16.9	49.5	49.7	50.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GF 9000	17.2	51.4	51.5	51.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GF 8000	17.4	52.8	53.0	53.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GF 7000	18.1	55.5	55.9	56.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GF 6000	18.1	55.9	55.5	56.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GF 5000	19.8	58.4	59.8	59.2	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	60.4	60.4	60.4
GF 4500	20.1	59.5	59.9	60.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GF 4000	21.1	62.4	63.5	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GF 3500	21.6	64.2	65.2	65.5	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	67.3	67.3	67.3
GF 3000	22.0	69.1	71.5	71.9	73.7	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GF 2500	24.7	75.3	75.0	75.6	80.4	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GF 2000	26.0	79.7	82.8	85.5	85.7	86.0	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GF 1800	26.3	80.4	83.5	84.2	86.4	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GF 1600	26.5	84.9	88.2	89.1	92.0	92.4	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GF 1400	26.7	86.2	89.5	90.4	93.3	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GF 1200	26.7	86.6	90.0	90.9	94.0	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GF 1000	26.7	86.8	91.0	90.9	94.0	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GF 800	26.7	86.6	93.0	92.9	94.0	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GF 700	26.7	86.8	92.2	91.1	94.6	94.9	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GF 600	26.7	87.5	93.9	92.0	95.6	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GF 500	26.7	88.0	91.7	92.7	96.5	96.9	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GF 400	26.7	88.2	91.8	93.1	96.9	97.3	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GF 300	26.7	88.4	92.0	93.3	97.1	97.5	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GF 200	26.7	88.4	92.0	93.3	97.1	97.5	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GF 100	26.7	88.4	92.0	93.3	97.1	97.5	98.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GF 74	26.7	88.4	92.0	93.3	97.1	97.5	98.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 551

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE J
NO CEIL	21.7	40.1	40.6	41.0	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 20000	24.9	48.8	49.3	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 18000	24.9	48.8	49.3	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 16000	24.9	48.8	49.3	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 14000	24.9	49.3	49.8	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 12000	24.9	49.8	50.2	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 10000	26.3	53.5	54.4	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 9000	26.3	53.5	54.4	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 8000	26.7	56.2	57.1	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
GE 7000	26.7	56.7	57.6	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 6000	27.2	57.1	58.1	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 5000	27.2	58.1	59.0	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 4500	28.1	59.4	60.4	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
GE 4000	30.0	65.4	67.3	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 3500	32.3	70.5	73.3	73.7	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3000	32.3	74.2	77.4	77.9	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2500	32.7	78.3	82.0	82.9	83.9	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	33.2	80.2	83.9	84.8	86.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1800	33.2	80.2	83.9	84.8	86.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1500	33.2	81.6	85.7	86.6	88.9	89.9	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	34.1	82.5	85.5	87.5	89.9	90.8	91.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	34.1	83.4	87.6	88.5	90.9	91.7	92.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	34.1	83.4	88.0	89.9	91.2	92.2	92.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 800	34.1	83.4	88.5	89.4	91.7	92.6	93.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 700	34.1	83.9	89.9	89.9	92.2	93.1	94.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	34.1	85.3	90.4	91.7	94.0	94.9	95.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	34.1	85.3	90.4	91.7	94.5	95.4	96.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	34.1	85.7	91.2	92.2	95.4	96.3	97.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	34.1	85.7	91.2	92.2	95.4	96.3	97.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	34.1	85.7	91.2	92.2	95.4	96.3	97.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	34.1	85.7	91.2	92.2	95.4	96.3	97.2	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	100.0
GE 0	34.1	85.7	91.2	92.2	95.4	96.3	97.2	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 217

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: SEP HOURS(DST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.5	39.5	40.9	41.3	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 20000	15.6	45.0	45.7	47.1	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 18000	15.6	45.1	45.8	47.1	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 16000	15.6	45.1	46.8	47.1	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 14000	15.6	45.2	47.0	47.3	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 12000	15.6	45.7	47.4	47.8	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 10000	16.2	48.4	53.3	50.7	52.7	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 9000	16.4	49.6	51.5	51.9	53.2	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 8000	16.7	51.7	53.8	54.2	55.6	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 7000	17.2	53.7	55.9	56.3	58.1	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 6000	17.7	54.7	55.9	57.4	59.1	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 5000	18.3	57.1	59.3	59.8	61.7	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 4500	18.7	58.1	63.3	60.8	62.6	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 4000	19.4	61.8	64.8	65.4	67.2	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 3500	19.9	63.9	67.2	67.8	70.1	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3000	20.1	67.5	71.5	72.2	74.6	74.6	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 2500	21.1	71.2	75.4	76.3	78.9	79.5	79.7	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0
GE 2000	22.1	74.5	79.2	80.2	83.1	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1800	22.3	75.2	79.9	80.9	83.8	84.7	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2
GE 1500	22.8	78.9	84.3	85.4	88.9	89.9	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1200	23.2	80.4	85.8	87.0	90.5	91.5	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1000	23.2	81.3	86.7	87.9	91.5	92.8	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	23.3	81.5	86.9	88.1	91.7	93.0	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	23.3	81.6	87.1	88.4	92.3	93.7	94.5	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3
GE 700	23.4	81.8	87.4	88.7	92.5	94.3	95.3	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 600	23.4	82.5	89.1	89.5	93.6	95.2	96.2	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 500	23.4	82.7	89.5	89.9	94.1	95.8	97.0	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 400	23.4	83.0	89.7	90.3	94.6	96.4	97.6	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8
GE 300	23.4	83.0	89.8	90.3	94.6	96.5	97.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.3
GE 200	23.4	83.0	89.8	90.3	94.6	96.5	97.9	99.0	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.5
GE 100	23.4	83.0	89.8	90.3	94.6	96.5	97.9	99.1	99.1	99.4	99.4	99.6	99.6	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS: 1755

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
MONTH: OCT HOURS(IST): 0600-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8	GE 8 1/2
NO CEIL	11.3	33.8	32.5	33.7	35.2	35.4	35.7	36.1	36.1	36.6	36.6	37.1	37.1	37.3	37.5	37.1
GE 2000	12.0	33.3	35.2	36.9	38.3	38.6	38.8	39.5	39.5	40.2	40.2	40.7	40.7	41.0	41.2	41.7
GE 1800	12.0	33.3	35.2	36.9	38.3	38.6	38.8	39.5	39.5	40.2	40.2	40.7	40.7	41.0	41.2	41.7
GE 1600	12.0	33.3	35.2	36.9	38.3	38.6	38.8	39.5	39.5	40.2	40.2	40.7	40.7	41.0	41.2	41.7
GE 1400	12.0	33.3	35.2	36.9	38.3	38.6	38.8	39.5	39.5	40.2	40.2	40.7	40.7	41.0	41.2	41.7
GE 1200	12.0	33.3	35.2	36.9	38.3	38.6	38.8	39.5	39.5	40.2	40.2	40.7	40.7	41.0	41.2	41.7
GE 1000	12.3	35.2	37.3	39.3	41.0	41.2	41.7	42.4	42.4	43.1	43.1	43.6	43.6	44.1	44.3	44.4
GE 900	13.0	36.9	39.0	41.0	42.7	42.9	43.4	44.1	44.1	44.6	44.6	45.3	45.3	45.8	46.0	46.5
GE 800	13.0	41.0	43.4	45.5	47.2	47.5	48.0	48.7	48.7	49.4	49.4	49.9	49.9	50.4	50.6	51.1
GE 700	13.0	41.7	44.3	46.5	48.9	49.2	49.6	50.4	50.4	51.3	51.3	51.8	52.0	52.5	52.8	53.3
GE 600	13.3	42.4	45.1	47.2	49.6	49.9	50.4	51.1	51.1	52.0	52.0	52.5	52.8	53.3	53.5	54.0
GE 500	13.4	45.5	49.2	51.3	53.7	54.2	54.9	55.9	55.9	56.9	56.9	57.3	57.6	58.1	58.3	58.8
GE 450	13.7	46.3	50.1	52.3	54.7	55.4	56.1	57.1	57.1	58.1	58.1	58.6	58.8	59.3	59.5	60.0
GE 400	14.5	49.2	53.5	55.7	58.5	59.3	60.0	61.2	61.2	62.2	62.2	62.7	62.9	63.4	63.6	64.1
GE 350	14.5	52.6	55.2	57.8	61.4	61.9	62.7	63.9	63.9	64.8	64.8	65.3	65.5	66.0	66.3	66.7
GE 300	14.7	55.4	61.7	65.1	68.7	69.2	70.1	71.6	71.6	72.5	72.5	73.0	73.3	73.7	74.0	74.5
GE 250	15.2	59.5	65.1	69.2	73.1	73.7	74.9	76.4	76.4	77.3	77.3	77.8	78.1	78.6	78.8	79.3
GE 200	16.1	63.9	69.6	74.0	78.1	78.8	80.5	81.9	81.9	82.9	82.9	83.4	83.6	84.1	84.3	84.8
GE 180	16.1	64.1	69.7	74.2	78.3	79.0	80.7	82.2	82.2	83.1	83.1	83.6	83.9	84.3	84.6	85.1
GE 150	16.4	65.0	72.5	77.1	81.9	82.7	84.6	86.0	86.0	87.2	87.2	87.7	88.0	88.4	88.7	89.2
GE 120	16.4	67.5	74.7	79.3	84.1	85.1	87.2	88.7	88.7	89.9	89.9	90.4	90.6	91.1	91.3	91.8
GE 100	16.4	67.5	74.7	79.3	84.1	85.1	87.2	88.7	88.7	89.9	89.9	91.1	91.1	91.6	91.8	92.3
GE 90	16.4	67.5	74.7	79.3	84.1	85.1	87.2	88.7	88.7	89.9	89.9	91.1	91.1	91.6	91.8	92.3
GE 80	16.4	67.5	74.7	79.3	84.1	85.1	87.2	88.7	88.7	89.9	89.9	91.1	91.1	91.6	91.8	92.3
GE 70	16.4	67.7	75.7	80.5	85.4	87.0	89.9	91.6	91.6	92.8	92.8	93.3	93.5	94.0	94.2	94.7
GE 60	16.4	68.2	75.1	81.0	86.5	87.7	90.6	92.3	92.3	93.7	93.7	94.2	94.5	94.9	95.2	95.7
GE 50	16.4	68.2	75.1	81.0	86.5	87.7	90.6	92.3	92.3	93.7	93.7	94.2	94.5	94.9	95.4	95.7
GE 40	16.4	68.2	75.1	81.0	86.5	87.7	90.6	92.3	92.3	93.7	93.7	94.2	94.5	94.9	95.4	95.7
GE 30	16.4	68.2	75.1	81.0	86.5	87.7	90.6	92.3	92.3	93.7	93.7	94.2	94.5	94.9	95.4	95.7
GE 20	16.4	68.2	75.1	81.0	86.5	87.7	90.6	92.3	92.3	93.7	93.7	94.2	94.5	94.9	95.4	95.7
GE 10	16.4	68.2	75.1	81.0	86.5	87.7	90.6	92.3	92.3	93.7	93.7	94.2	94.5	94.9	95.4	95.7
GE 0	16.4	68.2	75.1	81.0	86.5	87.7	90.6	92.3	92.3	93.7	93.7	94.2	94.5	94.9	95.4	95.7

TOTAL NUMBER OF OBSERVATIONS: 415

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT ORLM NY

PERIOD OF RECORD: 78-86
MONTH: OCT HOURS(UT): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/8
NO CEIL	14.2	37.3	39.7	39.4	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	14.7	40.8	42.3	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 18000	14.7	40.8	42.3	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 16000	14.7	40.8	42.3	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 14000	14.9	40.9	42.5	43.2	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 12000	14.9	41.1	42.9	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 10000	15.1	44.2	45.1	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 9000	15.1	44.9	45.7	47.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 8000	15.4	47.1	47.7	50.3	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 7000	15.6	48.6	51.2	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 6000	15.8	49.3	52.1	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 5000	16.4	51.9	55.0	55.7	56.5	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 4500	16.6	52.6	55.7	56.3	57.2	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 4000	17.3	55.5	59.6	59.4	60.3	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 3500	18.5	59.2	62.7	63.7	64.7	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 3000	18.9	67.1	73.7	71.9	73.5	73.6	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 2500	20.2	70.7	74.7	75.9	77.7	77.9	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2000	20.7	73.6	73.1	79.5	81.3	81.5	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1800	21.1	74.0	79.4	79.8	81.7	81.8	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1500	21.7	77.6	82.5	84.2	86.5	86.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1200	22.3	80.0	85.4	87.3	89.7	90.2	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1000	22.3	80.7	85.6	88.7	91.1	91.6	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	22.3	80.8	85.9	88.9	91.1	91.8	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	22.4	81.2	87.3	89.6	92.4	93.3	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	22.4	81.3	87.5	89.7	92.6	93.5	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	22.4	81.5	87.7	89.9	92.4	93.7	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	22.4	81.5	87.7	90.1	93.3	94.2	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	22.6	81.8	83.4	90.9	94.5	95.4	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	22.6	82.0	83.5	91.1	94.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 200	22.6	82.0	83.5	91.1	94.7	95.5	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 100	22.6	82.0	83.5	91.1	94.7	95.5	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 0	22.6	82.0	83.5	91.1	94.7	95.5	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 584

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743763 STATION NAME: FT DRUM VY

PERIOD OF RECORD: 78-86
MONTH: OCT HOURS(LST): 1700-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.0	36.6	36.6	36.6	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 20000	15.3	41.9	42.4	42.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 18000	15.3	41.9	42.4	42.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 16000	15.3	41.9	42.4	42.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 14000	16.2	42.9	43.4	43.4	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 12000	16.4	43.1	43.5	43.5	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 10000	18.1	46.7	47.9	47.9	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 9500	18.4	47.4	48.6	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
GE 8000	18.9	49.9	51.1	51.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 7500	18.9	50.4	52.0	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 6500	19.3	51.3	53.0	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 5000	20.3	53.5	55.7	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 4500	20.6	54.5	55.9	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 4000	21.5	58.6	61.3	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 3500	22.8	62.9	65.8	65.9	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 3000	25.0	72.1	75.6	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 2500	26.6	75.6	79.4	79.9	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2000	26.7	77.7	81.4	81.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	26.9	78.7	82.5	83.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1600	27.3	82.3	85.7	87.2	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1400	27.3	84.3	88.9	89.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	27.3	85.2	91.3	91.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	27.3	85.2	91.3	91.1	93.0	93.2	94.0	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	27.3	85.2	91.5	91.7	93.7	93.7	94.9	95.2	95.7	95.7	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	27.3	85.3	91.5	91.5	94.2	94.2	95.4	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	27.3	85.3	91.5	92.5	94.5	94.7	96.1	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	27.3	85.9	91.5	93.2	95.4	95.6	97.1	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	27.3	85.9	91.8	93.9	96.3	96.4	98.0	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	27.3	89.9	91.5	93.9	96.3	96.4	98.0	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	27.3	85.9	91.8	93.9	96.3	96.4	98.0	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	27.3	85.9	91.8	93.9	96.3	96.4	98.0	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 547

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM AY

PERIOD OF RECORD: 78-86
 MONTH: OCT HOURS (LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 1/8
NO CEIL	20.0	41.2	41.9	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
GE 20000	21.2	47.7	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 18000	21.2	47.7	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 16000	21.2	47.7	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 14000	21.9	48.5	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 12000	21.9	48.5	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 10000	23.8	51.2	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 9300	24.2	51.9	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 8000	25.0	54.6	55.5	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
GE 7000	25.4	56.9	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 6000	25.8	57.3	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	59.6
GE 5000	27.7	61.2	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 4500	28.5	62.3	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	64.6
GE 4000	30.4	67.7	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3500	33.1	72.7	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	35.4	79.6	82.7	83.1	83.1	83.1	83.5	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500	35.8	83.5	85.5	86.9	87.3	87.3	87.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000	35.8	85.8	88.8	89.2	89.6	89.6	90.0	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	35.8	85.8	89.8	89.2	89.6	89.6	90.0	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	35.8	86.5	91.4	90.8	91.2	91.2	91.9	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	35.8	87.3	91.2	91.5	91.7	92.3	93.1	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	35.8	87.7	91.9	92.3	92.7	93.1	94.6	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	35.8	87.7	92.7	93.1	93.5	93.8	95.4	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	35.8	87.7	93.1	93.5	93.8	94.6	96.5	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	35.8	87.7	93.1	93.5	93.8	94.6	96.5	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	35.8	87.7	93.1	93.5	93.8	94.6	96.5	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	35.8	88.5	93.9	94.2	94.6	95.4	97.7	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	35.8	88.8	94.2	94.6	95.1	95.8	98.1	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	35.8	88.8	94.2	94.6	95.1	95.8	98.1	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	35.8	88.8	94.2	94.6	95.1	95.8	98.1	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	35.8	88.8	94.2	94.6	95.1	95.8	98.1	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 71	35.8	88.8	94.2	94.6	95.1	95.8	98.1	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 260

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: OCT HOURS(EST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3 1/2	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 1/2	GE 1/2	GE 1/16	GE 1/4	GE 1/8	GE 1/16
NO CELL	14.3	16.2	17.2	17.7	18.4	18.4	18.5	18.6	18.6	18.7	18.7	18.8	18.8	18.8	18.8	18.9	18.9	18.9
GE 20000	15.2	40.4	41.6	42.3	42.9	43.0	43.0	43.2	43.2	43.3	43.3	43.4	43.4	43.5	43.6	43.6	43.7	43.7
GE 18000	15.2	40.4	41.6	42.3	42.9	43.0	43.0	43.2	43.2	43.3	43.3	43.4	43.4	43.5	43.6	43.6	43.7	43.7
GE 16000	15.2	40.4	41.6	42.3	42.9	43.0	43.0	43.2	43.2	43.3	43.3	43.4	43.4	43.5	43.6	43.6	43.7	43.7
GE 14000	15.7	40.9	42.1	42.7	43.4	43.4	43.5	43.7	43.7	43.8	43.8	43.9	43.9	44.0	44.0	44.1	44.1	44.1
GE 12000	15.7	41.1	42.4	43.0	43.7	43.7	43.8	43.9	43.9	44.1	44.1	44.2	44.2	44.3	44.3	44.4	44.4	44.4
GE 10000	16.6	43.9	45.7	46.4	47.1	47.1	47.2	47.4	47.4	47.6	47.6	47.7	47.7	47.8	47.8	47.9	47.9	47.9
GE 9000	17.0	44.9	45.5	47.3	48.1	48.0	48.2	48.3	48.3	48.5	48.5	48.7	48.7	48.8	48.8	48.9	48.9	48.9
GE 8000	17.8	47.7	49.7	50.4	51.1	51.2	51.3	51.5	51.5	51.6	51.6	51.7	51.7	51.8	51.8	51.9	51.9	51.9
GE 7000	17.4	48.6	51.0	51.7	52.5	52.7	52.8	52.9	52.9	53.1	53.1	53.3	53.3	53.4	53.4	53.5	53.5	53.5
GE 6000	17.7	49.5	51.8	52.5	53.4	53.5	53.6	53.7	53.7	54.0	54.0	54.2	54.2	54.3	54.3	54.4	54.4	54.4
GE 5000	18.6	52.3	55.0	55.9	56.8	56.9	57.2	57.4	57.4	57.6	57.6	57.7	57.7	57.8	57.8	57.9	57.9	57.9
GE 4500	18.9	53.1	55.0	56.8	57.9	58.0	58.2	58.5	58.5	58.7	58.7	58.8	58.8	58.9	58.9	59.0	59.0	59.0
GE 4000	19.8	56.8	59.9	60.8	61.9	62.0	62.2	62.6	62.6	62.8	62.8	62.9	62.9	63.0	63.1	63.2	63.2	63.2
GE 3500	21.0	63.3	63.7	64.7	66.1	66.2	66.4	66.7	66.7	67.0	67.0	67.1	67.1	67.2	67.3	67.3	67.4	67.4
GE 3000	22.2	68.0	71.9	73.3	74.8	75.0	75.4	75.8	75.8	76.1	76.1	76.2	76.2	76.3	76.4	76.4	76.5	76.5
GE 2500	23.3	71.6	75.7	77.2	79.1	79.3	79.7	80.1	80.1	80.4	80.4	80.5	80.6	80.7	80.7	80.8	80.8	80.8
GE 2000	23.7	74.4	78.8	80.4	82.4	82.6	83.2	83.6	83.6	83.8	83.8	84.0	84.0	84.1	84.2	84.2	84.3	84.3
GE 1800	23.9	74.9	79.3	80.9	82.9	83.2	83.8	84.2	84.2	84.5	84.5	84.6	84.6	84.7	84.8	84.8	84.9	84.9
GE 1500	24.3	77.7	82.7	84.5	86.4	87.1	88.3	88.8	88.8	89.1	89.1	89.2	89.2	89.3	89.4	89.4	89.5	89.5
GE 1200	24.4	79.6	84.9	86.8	89.7	89.7	91.0	91.5	91.5	91.8	91.8	91.9	91.9	92.0	92.1	92.1	92.2	92.2
GE 1000	24.4	80.1	85.9	87.9	90.5	91.0	92.4	93.1	93.1	93.4	93.4	93.6	93.6	93.7	93.8	93.8	93.9	93.9
GE 900	24.4	81.2	85.1	88.2	90.9	91.3	92.7	93.4	93.4	93.8	93.8	93.9	93.9	94.0	94.1	94.1	94.2	94.2
GE 800	24.5	80.3	85.5	88.7	91.5	92.2	93.0	94.6	94.6	95.1	95.1	95.2	95.2	95.3	95.4	95.4	95.5	95.5
GE 700	24.5	80.4	85.7	88.9	91.8	92.4	94.1	94.9	94.9	95.3	95.3	95.4	95.4	95.5	95.6	95.6	95.7	95.8
GE 600	24.5	80.6	85.9	89.2	92.1	92.8	94.6	95.4	95.4	95.9	95.9	96.0	96.0	96.1	96.2	96.3	96.4	96.4
GE 500	24.5	80.9	87.2	89.6	92.6	93.3	95.3	96.1	96.1	96.6	96.6	96.7	96.8	96.9	97.0	97.1	97.2	97.2
GE 400	24.5	81.0	87.5	90.1	93.5	94.2	96.2	97.1	97.1	97.7	97.7	97.8	97.9	98.0	98.1	98.2	98.3	98.3
GE 300	24.5	81.1	87.6	91.2	93.6	94.3	96.4	97.3	97.3	98.2	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.8
GE 200	24.5	81.1	87.6	93.2	93.9	94.3	96.5	97.5	97.5	98.3	98.3	98.4	98.5	99.0	99.1	99.2	99.3	99.3
GE 100	24.5	81.1	87.6	93.2	93.9	94.3	96.5	97.5	97.5	98.3	98.3	98.4	98.5	99.0	99.1	99.3	99.3	99.3
GE 0	24.5	81.1	87.6	93.2	93.9	94.3	96.5	97.5	97.5	98.3	98.3	98.4	98.5	99.0	99.1	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1946

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: NOV HOURS(LST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	7.2	24.0	25.3	25.3	25.3	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.2
GE 2000	8.6	26.7	28.1	28.1	28.1	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	29.0
GE 1800	8.6	26.7	28.1	28.1	28.1	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	29.0
GE 1600	8.6	26.7	28.1	28.1	28.1	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	29.0
GE 1400	8.6	26.7	28.1	28.1	28.1	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	29.0
GE 1200	8.6	26.7	28.1	28.1	28.1	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	29.0
GE 1000	9.6	31.7	33.0	33.0	33.0	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7
GE 900	9.0	33.0	34.4	34.4	34.4	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.3
GE 800	9.0	36.7	39.4	39.4	39.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	40.3
GE 700	9.0	38.5	41.6	42.1	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	43.0
GE 600	9.0	39.8	43.0	43.4	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.3
GE 500	10.4	43.4	45.6	47.1	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	48.0
GE 450	11.8	46.2	49.8	50.2	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	51.1
GE 400	13.6	51.1	55.2	56.1	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.4
GE 350	14.9	54.3	59.8	59.7	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	61.1
GE 300	15.8	59.3	64.3	65.2	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.5
GE 250	16.3	62.4	69.3	69.2	70.1	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.9
GE 200	16.3	64.3	71.9	73.8	76.5	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.7
GE 150	16.3	66.1	73.8	75.6	79.2	80.5	81.0	81.0	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.9
GE 120	16.7	66.5	74.2	76.5	80.1	81.9	82.8	82.8	82.8	83.7	83.7	83.7	83.7	83.7	83.7	84.2
GE 100	16.7	67.0	75.1	77.4	81.4	83.7	85.5	85.5	85.5	86.4	86.4	86.4	86.4	86.4	86.4	86.9
GE 90	16.7	68.3	75.5	78.7	82.4	85.1	86.9	86.9	86.9	87.8	87.8	87.8	87.8	87.8	87.8	88.2
GE 80	16.7	68.8	75.9	79.2	83.7	86.0	87.8	88.2	88.2	89.1	89.1	89.1	89.1	89.1	89.1	89.6
GE 70	16.7	69.2	77.4	79.6	84.2	86.4	88.2	89.1	89.6	91.4	91.4	91.4	91.4	91.4	91.4	91.9
GE 60	16.7	69.7	77.8	80.5	85.1	87.3	89.1	90.0	90.5	92.3	92.8	92.8	92.8	92.8	92.8	93.2
GE 50	16.7	69.7	78.3	81.0	86.0	88.2	90.5	91.4	91.9	93.7	94.1	94.1	94.1	94.1	94.1	94.4
GE 40	16.7	69.7	78.3	81.0	86.0	88.2	90.5	91.4	91.9	93.7	94.1	94.1	94.1	94.1	94.1	94.4
GE 30	16.7	69.7	78.7	81.4	87.3	90.0	92.3	93.2	93.7	95.5	95.9	95.9	95.9	95.9	95.9	96.4
GE 20	16.7	69.7	78.7	81.4	87.3	90.0	92.3	93.2	93.7	95.5	95.9	95.9	95.9	95.9	95.9	96.4
GE 10	16.7	69.7	78.7	81.4	87.3	90.0	92.3	93.2	93.7	95.5	95.9	95.9	95.9	95.9	95.9	96.4
GE 0	16.7	69.7	78.7	81.4	87.3	90.0	92.3	93.2	93.7	95.5	95.9	95.9	95.9	95.9	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 221

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-84
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	
NO CEIL	8.5	26.2	26.2	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.8	26.8	26.8	26.8
GE 20000	9.3	30.0	30.4	30.9	30.9	30.9	30.8	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.0
GE 18000	9.3	30.0	30.4	30.9	30.9	30.9	30.8	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.0
GE 16000	9.3	30.0	30.4	30.9	30.9	30.9	30.8	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.0
GE 14000	9.3	30.0	30.4	30.9	30.9	30.9	30.8	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.0
GE 12000	9.3	30.0	30.4	30.8	30.8	30.9	30.8	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.0
GE 10000	9.3	32.0	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.2	33.2	33.2	33.2	33.2
GE 9000	9.3	32.2	32.8	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4
GE 8000	9.7	36.0	37.0	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.2	38.2	38.2
GE 7000	9.7	37.6	39.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.4	40.4	40.4	40.4	40.4
GE 6000	9.7	38.6	39.9	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.2	41.2	41.2	41.2	41.2
GE 5000	10.1	41.0	42.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7
GE 4500	10.7	43.5	44.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.1	46.1	46.1	46.1	46.1
GE 4000	12.5	48.7	50.3	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.1	52.1
GE 3500	13.9	53.7	55.7	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9
GE 3000	15.1	58.1	62.2	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8
GE 2500	15.3	60.8	65.2	67.2	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2
GE 2000	15.7	62.8	69.4	71.0	72.4	72.4	72.8	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2
GE 1800	15.7	63.4	69.0	71.6	73.2	73.2	73.6	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0
GE 1600	15.7	67.4	73.6	75.7	75.7	75.7	78.7	79.1	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7
GE 1200	15.7	69.0	75.9	78.9	80.9	81.1	81.5	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1
GE 1000	15.7	69.2	76.7	79.7	81.7	82.3	83.1	83.7	83.9	84.3	84.3	84.5	84.9	84.9	84.9	84.9	84.9
GE 900	15.7	69.4	77.1	80.1	82.3	82.9	83.7	84.3	84.5	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 800	15.7	70.4	78.1	81.1	83.7	84.3	85.3	85.9	86.1	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9
GE 700	15.7	70.4	78.1	81.1	83.7	84.7	85.7	86.5	86.7	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 600	15.7	70.4	78.3	81.3	84.7	85.5	86.5	87.3	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 500	15.7	71.0	78.9	82.1	86.9	88.9	90.3	91.3	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 400	15.7	71.2	79.5	82.9	87.9	89.9	91.3	92.8	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 300	15.7	71.6	79.9	83.5	88.5	90.5	92.2	94.0	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 200	15.7	71.6	79.9	83.5	88.5	90.5	92.2	94.4	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 100	15.7	71.6	79.9	83.5	88.5	90.7	92.6	94.4	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 0	15.7	71.6	79.9	83.5	88.5	90.7	92.6	94.4	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 497

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILINGS VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 76-86
MONTH: NOV HOURS (LST): 1200-1400

CEILING FEET	IN	VISIBILITY IN STATUTE MILES															
		1	1/2	3/8	5/8	1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1	1/2	
NO CEIL	1	8.5	24.4	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE 20000	10.3	29.5	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 18000	10.3	29.5	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 16000	10.3	29.5	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 14000	10.3	30.3	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 12000	10.3	30.5	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 10000	10.3	34.3	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 9000	10.7	34.9	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 8000	11.7	34.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 7000	11.9	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 6000	12.1	43.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 5000	12.5	43.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 4500	13.9	44.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 4000	14.1	44.5	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 3500	16.8	53.9	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	55.8	55.8
GE 3000	18.0	54.2	61.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 2500	19.2	63.2	67.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 2000	19.8	65.5	69.7	71.1	71.7	72.5	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 1800	20.8	66.7	71.3	72.5	73.1	73.9	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1500	21.0	71.9	77.0	78.6	79.9	80.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1200	21.2	73.7	79.0	80.6	81.4	82.4	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1000	21.2	74.5	79.8	81.6	82.5	83.6	85.1	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 900	21.2	74.9	80.8	82.6	83.6	84.6	86.1	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 800	21.2	76.2	82.4	84.2	85.7	86.7	88.1	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 700	21.2	76.4	82.8	84.5	86.3	87.5	88.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 600	21.2	76.8	83.6	85.7	87.7	88.5	89.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 500	21.2	77.0	84.0	86.3	88.1	89.7	91.9	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 400	21.2	77.0	84.0	86.3	88.5	89.9	92.7	93.7	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 300	21.2	77.2	84.2	86.5	88.7	90.3	93.7	95.4	95.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 200	21.2	77.2	84.4	86.7	89.1	90.7	94.3	96.0	96.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 100	21.2	77.2	84.4	86.7	89.1	90.9	94.5	96.4	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 0	21.2	77.2	84.4	86.7	89.1	90.9	94.5	96.4	96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS: 475

GLOBAL CLIMATOLOGY BRANCH
USAF/ITAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
MONTH: NOV HOURS(EST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	1	GE 1/8	GE 1/4	GE 3/8	GE 1/2	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/4	GE 2 1/2	GE 2 3/4	GE 3	GE 3 1/4	GE 3 1/2	GE 3 3/4	GE 4
NO CEIL	12.0	27.8	28.9	28.9	28.9	28.9	28.9	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 20000	14.0	35.8	37.0	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 18000	14.0	35.8	37.0	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 16000	14.0	35.8	37.0	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 14000	14.0	35.8	37.0	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 12000	14.0	35.8	37.0	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 10000	14.6	39.5	40.7	40.7	40.7	40.7	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 9000	14.6	40.4	41.5	41.5	41.5	41.5	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 8000	15.5	42.4	43.6	43.6	43.6	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 7000	15.8	44.4	45.6	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 6000	16.0	45.0	46.1	46.1	46.1	46.1	46.1	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 5000	18.3	47.9	49.0	49.0	49.0	49.0	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 4000	18.6	49.1	49.5	49.5	49.5	49.5	49.5	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 3000	18.6	50.7	51.9	51.9	51.9	51.9	51.9	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 2000	19.5	53.6	54.7	55.0	55.0	55.0	55.0	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 1000	22.1	63.0	64.2	65.3	65.3	65.3	65.3	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 2500	24.9	67.3	68.6	69.9	70.8	71.1	71.1	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2300	25.4	69.6	71.3	72.5	73.6	74.1	74.1	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1900	25.8	69.6	71.3	72.5	73.6	74.1	74.1	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1700	26.6	73.9	75.9	77.4	78.8	80.2	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1200	26.6	74.8	77.1	79.5	79.9	81.9	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1000	26.6	75.1	77.4	78.9	81.4	82.8	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 900	26.6	75.2	78.5	79.9	82.5	84.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 800	26.6	76.5	78.8	80.2	83.4	85.1	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 700	26.6	76.5	78.8	80.2	83.4	85.1	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 600	26.6	76.8	79.1	80.5	84.0	85.7	88.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 500	26.6	77.4	79.7	81.4	85.1	86.8	90.3	91.7	92.0	92.8	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 400	26.6	77.4	79.7	81.7	86.7	88.5	92.6	94.0	94.3	95.7	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 300	26.6	77.9	81.2	82.5	87.1	89.7	93.7	95.4	95.7	97.7	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	26.6	77.9	80.2	82.5	87.1	89.7	93.7	95.4	95.7	97.7	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	26.6	78.2	81.5	82.9	87.4	90.0	94.0	95.7	96.0	98.0	98.3	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	26.6	78.2	80.5	82.9	87.4	90.0	94.0	95.7	96.0	98.0	98.3	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 349

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
MONTH: DEC HOURS (LST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	5.8	17.4	17.8	17.8	19.1	18.1	18.1	18.1	18.1	19.1	17.1	18.5	19.5	18.5	18.5	18.5
GE 20000	5.9	18.5	19.3	19.3	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.5	20.5	20.5	20.5	20.5
GE 18000	5.9	18.5	19.3	19.3	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.5	20.5	20.5	20.5	20.5
GE 16000	5.8	18.5	19.3	19.3	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.5	20.5	20.5	20.5	20.5
GE 14000	5.8	18.5	19.3	19.3	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.5	20.5	20.5	20.5	20.5
GE 12000	6.2	19.3	20.1	20.1	20.8	20.8	20.8	20.8	20.8	20.8	20.8	21.2	21.2	21.2	21.2	21.2
GE 10000	6.2	22.0	22.8	23.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.7	24.7	24.7	24.7	24.7
GE 9000	6.2	22.0	22.8	23.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.7	24.7	24.7	24.7	24.7
GE 8000	7.3	25.5	25.3	27.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.6	28.6	28.6	28.6	28.6
GE 7000	7.3	26.6	27.4	28.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.7	29.7	29.7	29.7	29.7
GE 6000	7.3	27.8	28.6	29.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.9	30.9	30.9	30.9	30.9
GE 5000	8.5	30.9	31.7	32.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.4	34.4	34.4	34.4	34.4
GE 4500	9.3	32.0	32.8	34.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.5	35.5	35.5	35.5	35.5
GE 4000	10.8	36.7	37.5	38.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	40.2	40.2	40.2	40.2	40.2
GE 3500	11.2	39.9	40.5	42.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.6	43.6	43.6	43.6	43.6
GE 3000	12.4	45.9	47.9	49.8	51.7	51.7	52.5	53.3	53.3	53.3	53.3	53.7	53.7	53.7	53.7	53.7
GE 2500	12.4	49.8	53.7	57.1	59.1	59.1	59.8	60.6	60.6	60.6	60.6	61.0	61.0	61.0	61.0	61.0
GE 2000	12.4	54.8	59.8	64.5	67.6	67.6	69.1	69.9	69.9	69.9	69.9	70.3	70.3	70.3	70.3	70.3
GE 1800	12.7	56.4	61.4	66.0	69.5	69.5	71.0	72.2	72.2	72.2	72.2	72.6	72.6	72.6	72.6	72.6
GE 1500	12.7	57.5	63.5	68.0	73.0	73.0	74.9	76.8	76.8	76.8	76.8	77.2	77.2	77.2	77.2	77.2
GE 1200	13.1	59.5	65.4	71.3	76.2	76.2	78.8	83.0	83.0	83.0	83.0	84.2	84.2	84.2	84.2	84.2
GE 1000	13.1	63.6	67.5	72.6	78.4	78.4	80.3	85.3	85.3	85.3	85.3	86.1	86.1	86.1	86.1	86.1
GE 900	13.1	60.6	67.5	72.5	78.4	78.4	80.3	85.3	85.3	85.3	85.3	86.1	86.1	86.1	86.1	86.1
GE 800	13.1	61.8	69.5	74.5	80.3	80.3	82.6	88.4	88.4	88.4	88.4	89.2	89.2	89.2	89.2	89.2
GE 700	13.1	62.2	69.9	75.3	81.1	81.1	83.9	89.2	89.2	89.2	89.2	90.3	90.3	90.3	90.3	90.3
GE 600	13.1	62.2	69.9	75.3	81.1	81.1	84.2	90.3	90.3	90.3	90.3	91.1	91.1	91.1	91.1	91.1
GE 500	13.1	62.2	69.9	75.3	81.1	81.1	84.2	90.3	90.3	90.3	90.3	91.1	91.1	91.1	91.1	91.1
GE 400	13.1	62.2	69.9	75.3	81.1	81.1	84.2	90.3	90.3	90.3	90.3	91.1	91.1	91.1	91.1	91.1
GE 300	13.1	62.2	69.9	75.3	81.1	81.1	84.2	90.3	90.3	90.3	90.3	91.1	91.1	91.1	91.1	91.1
GE 200	13.1	62.2	69.9	75.3	81.1	81.1	84.2	90.3	90.3	90.3	90.3	91.1	91.1	91.1	91.1	91.1
GE 100	13.1	62.2	69.9	75.3	81.1	81.1	84.2	90.3	90.3	90.3	90.3	91.1	91.1	91.1	91.1	91.1

TOTAL NUMBER OF OBSERVATIONS: 359

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
MONTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GF 6	GF 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GF 0
NO CEIL	6.0	18.4	18.6	18.6	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6	19.0	19.0	19.0	19.0	19.0
GE 20000	6.0	21.0	21.3	21.3	21.3	21.3	21.3	21.5	21.5	21.5	21.5	21.7	21.9	21.9	21.9	21.9	22.1
GE 18000	6.0	21.0	21.3	21.3	21.3	21.3	21.3	21.5	21.5	21.5	21.5	21.7	21.9	21.9	21.9	21.9	22.1
GE 16000	6.0	21.0	21.3	21.3	21.3	21.3	21.3	21.5	21.5	21.5	21.5	21.7	21.9	21.9	21.9	21.9	22.1
GE 14000	6.0	21.2	21.5	21.5	21.5	21.5	21.5	21.7	21.7	21.7	21.7	21.9	22.1	22.1	22.1	22.1	22.2
GE 12000	6.1	21.7	22.1	22.1	22.1	22.1	22.1	22.2	22.2	22.2	22.2	22.4	22.6	22.6	22.6	22.6	22.6
GE 10000	6.1	25.3	25.9	26.0	26.0	26.0	26.0	26.2	26.2	26.2	26.2	26.4	26.6	26.6	26.6	26.6	26.6
GE 9000	6.1	25.9	25.9	26.6	26.5	26.5	26.5	26.8	26.8	26.8	26.8	26.9	27.1	27.1	27.1	27.1	27.3
GE 8000	6.3	29.5	30.0	30.2	30.2	30.2	30.2	30.4	30.4	30.4	30.4	30.6	30.7	30.7	30.7	30.7	30.9
GE 7000	6.7	31.3	31.6	32.0	32.0	32.0	32.0	32.4	32.4	32.4	32.4	32.5	32.7	32.7	32.7	32.7	32.9
GE 6000	7.1	32.9	33.5	33.6	33.6	33.6	33.6	34.0	34.0	34.0	34.0	34.2	34.4	34.4	34.4	34.4	34.5
GE 5000	7.6	35.4	35.3	36.5	36.5	36.5	36.5	36.9	36.9	36.9	36.9	37.1	37.7	37.3	37.3	37.3	37.4
GE 4500	8.0	36.9	37.4	38.0	38.0	38.0	38.0	38.3	38.3	38.3	38.3	38.5	38.7	38.7	38.7	38.7	38.9
GE 4000	9.4	40.3	41.4	42.1	42.1	42.1	42.1	42.5	42.5	42.5	42.5	42.7	42.9	42.9	42.9	42.9	43.0
GE 3500	10.7	42.9	43.9	44.8	44.8	44.8	44.8	45.2	45.2	45.2	45.2	45.4	45.6	45.6	45.6	45.6	45.8
GE 3000	11.6	49.0	50.6	52.6	54.1	54.8	55.5	55.5	55.5	55.5	55.5	55.7	55.9	55.9	55.9	55.9	56.1
GE 2500	12.7	52.8	55.5	58.0	59.7	60.4	61.3	61.7	61.7	61.7	61.7	62.0	62.2	62.2	62.4	62.4	62.6
GE 2000	12.5	52.1	61.3	64.2	66.2	67.5	68.9	69.6	69.6	69.6	69.6	70.5	70.7	70.7	70.9	70.9	71.1
GE 1800	12.5	52.7	61.4	64.7	66.7	68.1	69.4	70.2	70.5	70.5	70.5	71.4	71.4	71.6	71.6	71.6	71.8
GE 1500	12.7	52.7	65.1	64.9	70.4	71.5	74.3	75.6	75.9	76.7	77.0	77.0	77.2	77.2	77.2	77.2	77.4
GE 1000	13.7	61.1	67.1	70.9	73.5	75.2	77.4	79.2	79.2	79.7	81.0	81.4	81.4	81.7	81.7	81.7	81.9
GE 900	14.7	62.5	69.0	72.0	74.7	76.7	79.7	81.7	82.3	83.9	84.7	84.7	84.7	84.6	84.6	84.6	84.6
GE 800	14.7	62.4	68.9	72.3	75.2	77.3	80.1	82.1	82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 700	14.9	63.7	69.6	74.1	77.1	79.4	83.0	85.4	86.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 600	14.9	63.7	70.0	74.5	77.5	80.1	83.9	86.4	87.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 500	14.9	65.7	70.0	74.5	77.5	80.5	84.3	87.2	88.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 400	14.9	65.7	70.0	74.5	77.5	80.5	84.3	87.2	88.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 300	14.9	65.7	70.0	74.5	77.5	80.5	84.3	87.2	88.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 200	14.9	65.7	70.0	74.5	77.5	80.5	84.3	87.2	88.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 100	14.9	65.7	70.0	74.5	77.5	80.5	84.3	87.2	88.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1

TABLE 1. MONTHLY PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
MONTH: DEC HOURS(LST): 1700-1900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	8.2	19.9	20.3	20.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
GE 20000	9.2	24.7	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 18000	9.2	24.7	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 16000	9.2	24.7	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 14000	9.2	24.9	25.5	25.5	25.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 12000	9.4	25.9	25.5	25.5	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 10000	9.6	27.3	29.1	28.1	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 9000	9.6	28.3	29.1	29.1	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
GE 8000	10.0	31.5	32.3	32.3	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 7000	10.8	33.9	34.7	34.7	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 6000	11.6	35.5	35.5	36.5	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 5000	11.6	36.5	37.5	37.5	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 4500	12.0	37.1	39.0	38.0	38.5	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 4000	14.5	42.4	44.2	44.2	44.8	44.8	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 3500	14.5	45.4	47.4	47.4	48.0	48.0	48.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 3000	15.7	53.2	57.3	58.2	59.2	59.2	59.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 2500	16.7	57.4	61.8	63.1	64.1	64.7	65.1	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 2000	16.9	62.5	67.3	69.7	70.9	71.9	72.5	73.5	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1
GE 1800	17.1	62.7	67.7	70.1	71.3	72.3	73.1	74.1	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7
GE 1500	17.3	65.5	70.9	73.5	75.5	76.9	78.3	79.3	79.7	79.7	79.9	79.9	80.1	80.1	80.1	80.1
GE 1200	17.3	66.5	72.5	75.1	77.1	78.9	80.3	81.7	82.1	82.1	82.3	82.3	82.5	82.5	82.5	82.5
GE 1000	17.3	67.3	73.7	76.3	78.3	80.9	82.9	84.5	84.9	84.9	85.1	85.1	85.3	85.3	85.3	85.3
GE 900	17.3	67.5	73.9	76.5	78.5	81.3	83.3	84.9	85.3	85.3	85.5	85.5	85.7	85.7	85.7	85.7
GE 800	17.3	68.3	74.7	77.3	79.9	82.9	84.9	86.7	87.1	87.6	88.0	88.0	88.6	88.6	88.6	88.6
GE 700	17.3	68.3	75.1	78.1	80.9	84.1	86.5	88.2	88.6	89.2	89.6	89.6	90.2	90.2	90.2	90.2
GE 600	17.3	68.3	75.1	78.1	81.1	84.3	86.7	88.4	88.8	89.4	90.0	90.0	90.6	90.6	90.6	90.6
GE 500	17.3	68.5	75.3	78.5	81.7	85.1	87.5	90.8	91.2	92.2	93.0	93.0	93.6	93.6	93.6	93.6
GE 400	17.3	68.5	75.3	78.5	82.1	85.5	87.8	91.2	91.6	92.8	93.4	94.0	94.8	94.8	95.0	95.0
GE 300	17.3	68.5	75.3	78.5	82.3	85.7	88.0	91.6	92.0	93.4	94.6	95.0	96.4	96.4	96.6	96.6
GE 200	17.3	68.5	75.3	78.5	82.3	85.7	88.0	91.6	92.0	93.6	95.6	96.0	97.6	98.0	98.2	98.8
GE 100	17.3	68.5	75.3	78.5	82.3	85.7	88.0	91.6	92.0	93.6	95.6	96.0	97.6	98.0	98.4	99.8
GE 0	17.3	68.5	75.3	78.5	82.3	85.7	88.0	91.6	92.0	93.6	95.6	96.0	97.6	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 607

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
MONTH: DEC HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	9.0	18.6	18.6	18.6	18.6	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 20000	10.3	24.7	24.7	24.7	24.7	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 18000	10.3	24.7	24.7	24.7	24.7	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 16000	10.3	24.7	24.7	24.7	24.7	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 14000	10.3	24.7	24.7	24.7	24.7	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 12000	10.3	25.3	25.3	25.3	25.3	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 10000	11.2	28.8	28.8	28.8	28.8	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 9000	11.2	29.8	29.8	29.8	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 8000	11.9	34.0	34.6	34.6	34.6	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 7000	12.5	36.5	37.2	37.2	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 6000	13.8	37.8	38.5	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 5000	15.1	40.4	41.0	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 4500	15.4	41.0	41.7	41.7	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 4000	17.0	46.5	47.8	47.8	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 3500	18.3	49.7	51.0	51.0	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 3000	18.6	60.6	62.5	62.5	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 2500	19.6	63.5	65.0	66.0	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 2000	19.6	67.3	70.2	70.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 1800	19.9	68.3	71.5	71.8	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 1500	20.2	69.9	74.4	75.3	78.5	79.2	79.5	80.1	80.4	81.1	81.4	81.4	81.4	81.4	81.4	81.4
GE 1200	20.2	71.2	75.6	77.6	79.8	80.4	80.8	81.4	81.7	82.4	82.7	82.7	82.7	82.7	82.7	82.7
GE 1000	20.2	72.8	77.6	79.5	82.4	83.0	84.6	86.2	86.5	87.8	88.1	88.1	88.1	88.1	88.1	88.1
GE 900	20.2	72.8	77.6	79.5	82.4	83.3	84.9	87.2	87.5	88.8	89.1	89.1	89.1	89.1	89.1	89.1
GE 800	20.2	73.4	79.5	81.1	84.0	84.9	86.5	88.8	89.1	90.4	90.7	90.7	91.0	91.0	91.0	91.0
GE 700	20.2	73.4	78.8	81.4	84.6	85.6	87.2	89.4	89.7	91.0	91.3	91.3	91.7	91.7	91.7	91.7
GE 600	20.2	73.7	79.2	81.7	84.9	86.2	87.8	90.1	90.7	92.0	92.6	92.6	92.9	92.9	92.9	92.9
GE 500	20.2	73.7	79.2	81.7	84.9	86.5	88.1	90.4	91.0	92.3	92.9	92.9	93.3	93.3	93.3	93.3
GE 400	20.2	74.0	79.5	82.1	85.3	86.9	88.5	91.3	92.0	93.6	94.6	94.6	95.2	95.2	95.2	95.5
GE 300	20.2	74.0	79.5	82.1	85.3	86.9	88.5	91.3	92.0	93.9	94.5	94.5	96.2	96.2	96.2	96.5
GE 200	20.2	74.0	79.8	82.4	85.5	87.2	88.8	92.0	92.6	94.9	96.8	96.8	97.8	98.4	98.4	98.7
GE 100	20.2	74.0	79.8	82.4	85.5	87.2	88.8	92.0	92.9	95.2	97.4	97.4	98.7	99.4	99.4	99.7
GE 0	20.2	74.0	79.8	82.4	85.5	87.2	88.8	92.0	92.9	95.2	97.4	97.4	98.7	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 512

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM VV

PERIOD OF RECORD: 78-86
 MONTH: DEC HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	7.2	18.8	19.0	19.0	19.2	19.2	19.2	19.2	19.2	19.3	19.4	19.4	19.4	19.4	19.4	19.4
GE 20000	7.7	22.4	22.9	22.9	23.1	23.2	23.2	23.2	23.2	23.3	23.4	23.4	23.4	23.4	23.4	23.5
GE 18000	7.7	22.4	22.9	22.9	23.1	23.2	23.2	23.2	23.2	23.3	23.4	23.4	23.4	23.4	23.4	23.5
GE 16000	7.7	22.4	22.9	22.9	23.1	23.2	23.2	23.2	23.2	23.3	23.4	23.4	23.4	23.4	23.4	23.5
GE 14000	7.7	22.6	23.0	23.0	23.2	23.3	23.4	23.4	23.4	23.4	23.5	23.6	23.6	23.6	23.6	23.6
GE 12000	7.9	23.3	23.7	23.7	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3	24.3	24.3	24.3	24.4
GE 10000	8.2	26.1	26.6	26.8	27.1	27.1	27.2	27.2	27.2	27.2	27.3	27.4	27.4	27.4	27.4	27.4
GE 9000	8.2	26.8	27.3	27.4	27.7	27.8	27.9	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.1
GE 8000	8.7	30.3	31.0	31.2	31.5	31.5	31.6	31.6	31.6	31.7	31.7	31.8	31.8	31.8	31.8	31.9
GE 7000	9.2	32.3	33.0	33.2	33.5	33.6	33.7	33.7	33.7	33.8	33.8	33.9	33.9	33.9	33.9	33.9
GE 6000	9.8	33.8	34.5	34.7	35.1	35.1	35.2	35.2	35.2	35.3	35.3	35.4	35.4	35.4	35.4	35.5
GE 5000	10.4	36.0	36.7	37.1	37.5	37.5	37.6	37.6	37.6	37.7	37.8	37.8	37.8	37.8	37.8	37.9
GE 4500	10.8	37.0	37.7	38.1	38.4	38.5	38.6	38.7	38.7	38.7	38.8	38.9	38.9	38.9	38.9	38.9
GE 4000	12.7	41.6	42.9	43.3	43.7	43.7	43.8	43.9	43.9	44.0	44.0	44.1	44.1	44.1	44.1	44.2
GE 3500	13.4	44.4	45.8	46.4	46.7	46.8	47.0	47.2	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.5
GE 3000	14.3	52.0	54.4	55.8	57.0	57.3	57.8	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.4
GE 2500	15.1	55.8	59.2	61.0	62.2	62.8	63.3	63.8	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.2
GE 2000	15.2	60.4	64.6	67.2	68.9	69.7	70.6	71.3	71.5	71.7	71.8	71.9	72.0	72.0	72.0	72.0
GE 1800	15.4	61.1	65.4	68.0	69.8	70.7	71.6	72.3	72.6	72.9	73.0	73.1	73.1	73.1	73.1	73.2
GE 1500	15.6	63.1	68.4	71.4	74.1	75.3	76.6	78.1	78.4	78.8	79.0	79.1	79.2	79.2	79.2	79.3
GE 1200	15.7	64.5	70.3	73.5	76.4	77.7	79.3	81.0	81.4	82.0	82.3	82.3	82.6	82.6	82.6	82.7
GE 1000	15.7	65.5	71.5	74.9	77.9	79.5	81.7	84.0	84.5	85.3	85.6	85.7	85.9	85.9	86.0	86.0
GE 900	15.8	65.7	71.7	75.0	78.1	79.8	82.0	84.4	84.9	85.7	86.0	86.1	86.3	86.3	86.4	86.4
GE 800	15.9	66.7	72.9	76.5	79.4	81.7	84.2	86.9	87.5	88.6	88.6	88.9	89.0	89.0	89.0	89.0
GE 700	15.9	66.7	73.2	77.1	80.5	82.7	85.4	88.2	88.8	89.9	90.3	90.3	90.3	90.3	90.3	90.3
GE 600	15.9	66.8	73.3	77.1	80.5	83.0	85.7	88.6	89.3	90.4	91.1	91.0	91.6	91.6	91.7	91.7
GE 500	15.9	66.9	73.4	77.3	81.1	83.3	86.0	89.7	90.3	91.8	92.6	92.6	93.2	93.2	93.4	93.4
GE 400	15.9	67.6	73.4	77.7	81.6	84.0	86.7	90.5	91.2	92.9	93.9	94.0	95.1	95.2	95.4	95.6
GE 300	15.9	67.6	73.9	77.7	81.7	84.1	86.8	90.6	91.3	93.2	94.5	94.8	96.2	96.3	96.6	96.6
GE 200	15.9	67.6	73.9	77.8	81.7	84.1	86.8	90.8	91.5	93.5	95.1	95.4	97.1	97.5	98.2	98.6
GE 100	15.9	67.6	73.9	77.8	81.7	84.1	86.8	90.8	91.6	93.6	95.3	95.6	97.5	97.9	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS: 1626

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM VY

PERIOD OF RECORD: 78-87

MONTH: ALL POLAR(SLT): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8		
NO CEIL	17.7	28.3	39.4	39.9	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	
GE 20000	14.7	43.1	44.4	44.9	45.1	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 18000	14.7	43.1	44.4	44.9	45.1	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 16000	14.7	43.1	44.4	44.9	45.1	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 14000	14.8	43.4	44.7	45.3	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 12000	14.9	44.0	45.4	45.9	46.4	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	46.6
GE 10000	15.4	47.0	48.5	49.2	49.7	49.8	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 9000	15.7	47.9	49.5	50.2	50.7	50.8	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
GE 8000	16.2	50.8	52.6	53.4	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 7000	16.5	52.2	54.1	55.0	55.6	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 6000	16.9	53.0	55.0	55.9	56.5	56.7	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 5000	17.6	55.3	57.5	58.4	59.1	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 4500	18.0	56.3	58.5	59.4	60.1	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	60.5
GE 4000	18.6	59.2	61.7	62.8	63.6	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 3500	19.3	61.7	64.5	65.5	66.4	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 3000	19.9	65.2	69.5	71.0	72.2	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2500	20.7	69.3	72.9	74.7	76.1	76.5	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2000	21.1	72.0	75.1	78.1	79.7	80.5	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1800	21.7	72.4	75.5	78.6	80.4	81.1	81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1600	21.5	74.6	77.3	81.5	83.5	84.6	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1400	21.5	75.8	80.7	83.1	85.5	86.5	87.4	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	21.7	76.5	81.7	84.2	87.1	88.0	89.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1000	21.7	76.9	82.2	84.7	87.5	88.6	89.9	91.0	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	21.4	77.3	82.7	85.4	88.5	89.6	91.1	92.3	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	21.4	77.5	83.1	85.8	89.2	90.2	91.7	93.0	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	21.4	77.7	83.5	86.3	89.9	91.0	92.7	94.0	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 600	21.4	78.1	83.9	86.8	90.5	91.8	93.6	95.1	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	21.4	78.1	84.2	87.2	91.0	92.4	94.1	95.8	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	21.4	78.3	84.5	87.5	91.4	92.9	94.8	96.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	21.4	78.7	84.9	87.9	91.9	93.4	95.4	97.1	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	21.4	78.5	84.9	87.9	91.9	93.4	95.4	97.1	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 7314

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: JAN

HOURS (LST)	PERCENTAGE FREQUENCY OF LENGTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS		
	0	1	2	3	4	5	6	7	8	9			10	
00-02														
03-05														
06-08	8.5			18.9						21.7	51.2	7.5	424	
09-11	5.7			25.8						23.2	50.3	7.7	650	
12-14	5.5			25.4						20.4	50.7	7.5	637	
15-17	4.1			26.6						22.3	47.0	7.5	511	
18-20														
21-23														
TOTALS	5.2			22.4						21.9	49.6	7.6	2222	

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
 MONTH: FEB

HOURS (LST)	PERCENTAGE FREQUENCY OF LENGTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS	
	1	2	3	4	5	6	7	8	9	10			
00-02													
03-05													
06-08	5.5			17.6						17.0	51.4	7.3	208
09-11	5.2			19.5						23.3	50.9	7.3	584
12-14	5.4			21.6						21.6	51.7	7.5	575
15-17	5.2			19.3						21.1	49.3	7.5	408
18-20													
21-23													
TOTALS	5.2			19.3						20.8	50.8	7.5	1855

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
MONTH: MAR

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS		
	0	1	2	3	4	5	6	7	8	9			10	
00-02														
03-05														
06-08	10.9			22.5						21.1	45.6	7.1	265	
09-11	9.5			26.0						21.9	42.5	7.3	597	
12-14	9.5			23.0						29.4	43.1	7.5	599	
15-17	3.9			24.4						21.8	49.4	7.7	419	
18-20														
21-23														
TOTALS	7.2			24.0						23.6	45.3	7.4	1891	

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
MONTH: APR

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS	
	0	1	2	3	4	5	6	7	8	9			10
00-02													
03-05													
06-08	10.6			27.4						16.8	45.2	6.3	310
09-11	9.7			21.6						23.3	45.4	7.3	559
12-14	9.7			24.2						26.0	45.2	7.6	558
15-17	2.7			26.3						28.5	46.5	7.5	368
18-20													
21-23													
TOTALS	6.7			25.4						23.7	44.1	7.3	1795

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743707 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: MAY

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS	
	0	1	2	3	4	5	6	7	8	9			10
00-02													
03-05													
06-08	9.7			21.6						28.8	39.9	7.2	514
09-11	5.6			25.6						28.8	40.0	7.4	640
12-14	2.1			30.6						32.2	35.2	7.3	625
15-17	2.3			30.0						31.3	36.5	7.4	310
18-20													
21-23													
TOTALS	4.9			27.0						30.3	37.9	7.3	2089

STATION NUMBER: 743707 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: JUN

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS	
	0	1	2	3	4	5	6	7	8	9			10
00-02													
03-05													
06-08	6.2			26.7						26.8	36.2	6.9	530
09-11	3.4			32.9						33.2	30.6	7.0	648
12-14	1.7			33.1						36.0	29.2	7.2	647
15-17	1.0			34.6						35.4	28.9	7.1	364
18-20													
21-23													
TOTALS	3.6			32.3						32.9	31.2	7.1	2209

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: JUL

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS	
	0	1	2	3	4	5	6	7	8	9			10
00-02													
03-05													
06-08	7.4			35.4						30.4	26.8	6.5	542
09-11	5.0			36.8						32.5	25.7	6.7	668
12-14	4.8			39.9						36.1	23.2	6.9	664
15-17	1.1			43.5						33.6	21.8	6.5	363
18-20													
21-23													
TOTALS	5.1			39.4						33.2	24.4	6.5	2237

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86
 MONTH: AUG

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS	
	0	1	2	3	4	5	6	7	8	9			10
00-02													
03-05													
06-08	2.5			37.8						23.0	33.7	6.5	513
09-11	5.0			36.0						32.4	27.9	6.9	630
12-14	4.8			32.7						41.7	24.8	7.2	626
15-17	2.5			32.6						38.5	26.4	7.1	322
18-20													
21-23													
TOTALS	5.1			34.5						34.0	28.2	6.9	2091

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: SEP

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS	
	0	1	2	3	4	5	6	7	8	9			
00-02													
03-05													
06-08	5.5			33.4						26.7	34.6	6.9	431
09-11	4.2			31.9						31.8	32.1	7.3	551
12-14	1.1			32.8						36.1	29.9	1.2	551
15-17	.9			32.7						33.6	32.7	7.3	217
18-20													
21-23													
TOTALS	2.9			32.7						32.1	32.3	7.1	1750

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
 MONTH: OCT

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS	
	0	1	2	3	4	5	6	7	8	9			
00-02													
03-05													
06-08	4.2			37.6						26.7	41.6	7.4	409
09-11	3.4			26.4						31.7	40.6	7.4	584
12-14	3.9			27.3						34.7	37.3	7.4	567
15-17	3.9			29.0						31.8	34.1	7.1	267
18-20													
21-23													
TOTALS	3.1			31.3						31.1	36.3	7.1	1840

FEDERAL CLIMATE DATA CENTER
 U.S. AIR FORCE
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 74-86
 MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
REPORT PERIOD	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
74-11-1												
74-11-1	8.4		16.9						26.6	50.7	6.2	22
74-11-1	1.0		19.1						24.3	56.6	6.2	48
74-11-1	1.0		19.6						27.9	58.7	6.4	48
74-11-1	1.0		20.9						24.4	46.4	6.1	34
74-11-1												
74-11-1												
TOTAL	1.4		19.1						27.2	58.7	6.2	172

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 74-86
 MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
REPORT PERIOD	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
74-12-1												
74-12-1	1.0		11.9						13.2	74.3	6.7	25
74-12-1	1.0		18.8						20.6	59.6	6.7	52
74-12-1	1.0		18.8						27.0	60.8	6.5	52
74-12-1	1.0		17.1						29.2	61.4	6.5	31
74-12-1												
74-12-1												
TOTAL	1.0		17.1						29.0	61.4	6.5	162

FEDERAL GOVERNMENT PRINTING OFFICE: 1964
 OSAF 7-74
 AIR WEATHER SERVICE FORM 3-64

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 7407 STATION NAME: FT DUNCAN NY

PERIOD OF RECORD: 78-87
 MONTH: ALL

MONTH	NO. OF OBS.	PERCENTAGE FREQUENCY OF LENGTHS OF TOTAL SKY COVER										MEAN SKY COVER	TOTAL OBS.		
		0	1	2	3	4	5	6	7	8	9			10	
JAN	ALL	1	52.7			32.9						21.9	49.9	7.5	100
FEB		1	61.5			32.0						20.8	50.5	7.0	100
MAR		1	74.1			24.0						23.6	45.0	6.4	100
APR		1	68.9			29.4						23.7	44.3	7.0	100
MAY		1	84.4			27.3						30.3	37.4	6.0	100
JUN		1	84.0			32.3						32.9	31.1	6.0	100
JUL		1	84.1			34.4						33.2	34.1	6.0	100
AUG		1	84.0			34.8						34.0	34.4	6.0	100
SEP		1	84.9			32.7						30.1	31.1	6.0	100
OCT		1	84.0			28.3						28.1	31.1	6.0	100
NOV		1	84.5			18.1						18.0	21.1	6.0	100
DEC		1	84.1			13.6						13.4	16.1	6.0	100
TOTALS		1	84.8			26.7						26.9	31.1	6.0	100

END