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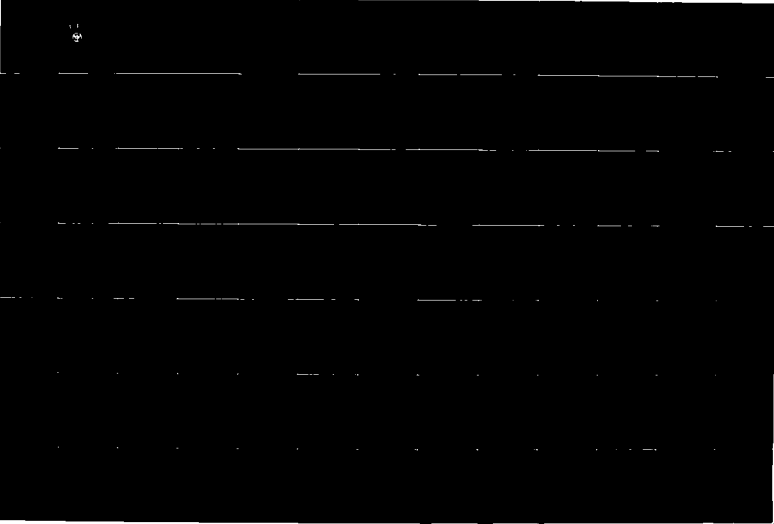
HECTOR FIELD FARGO NORTH DAKOTA REVISED UNIFORM SUMMARY
OF SURFACE WEATHER (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 87
USAF/TAC/DS-87/881

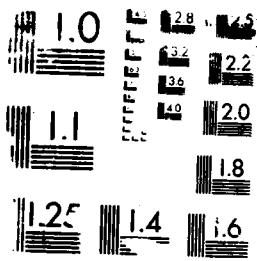
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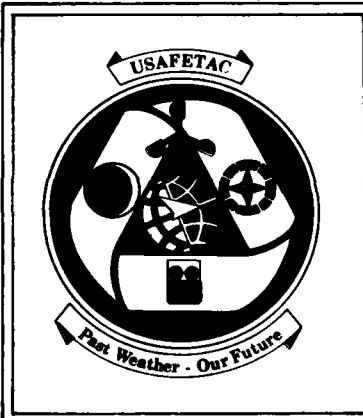
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OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)



HECTOR FLD FARGO ND MSC#727530
N 46 55 W 096 49 ELEV 900 FT KFAR
PARTS A - F HOURS SUMMARIZED: 0000 - 2300 LST
PERIOD OF RECORD;
HOURLY OBSERVATIONS: JUN 77 - MAY 87
SUMMARY OF DAY DATA: JAN 48 - MAY 87

DEC 10 1987

FEDERAL BUILDING
ASHEVILLE, N.C. 28801 - 2723

88 1 3 001

REPORT DOCUMENTATION PAGE

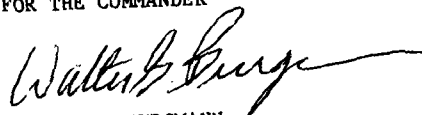
- 1a. Report Security Classification: UNCLASSIFIED
3. Distribution/Availability of Report: Approved for public release; Distribution unlimited.
4. Performing Organization Report Number: USAFETAC/DS-87/081.
5. Monitoring Organization Report Number: USAFETAC/DS-87/081.
- 6a. Name of Performing Organization: USAFETAC/OL-A
- 6b. Office Symbol:
- 6c. Address: Federal Building, Asheville, NC 28801-2723.
- 11 Title: (RUSSWO) Hector Field Fargo ND.
- 12 Personal Author(s):
- 13a Type of Report: Data Summary
- 13b Time Covered: Jan 48-May 87.
- 14 Date of Report: Dec 87
- 15 Page Count: 312
- 16 Supplementary Notation:
- 17 COSATI Codes: Field--04, Group--02
- 18 Subject Terms: *climatology; *weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Hector Field ND; Far go ND; Nouth Dakota; USND727530.
- 19 Abstract: A six-part statistical data summary of surface weather observations for: Hector Field Fargo ND. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
- 20 Distribution/Availability of Abstract: Same as report.
- 21 Abstract Security Classification: UNCLASSIFIED.
- 22a Name of Responsible Individual: Marianne L. Cavanaugh
- 22b Telephone: (618)256-2625
- 22c Office Symbol: USAFETAC/LDD

REVIEW AND APPROVAL STATEMENT

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This document has been reviewed and is approved for publication.

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific and Technical Information Program Manager

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STATION NAME: HECTOR FLD/FARGO ND

STATION NUMBER: 727530

CALL ID: KFAH

PERIOD OF RECORD:

HOURS SUMMARIZED: 0000-2300 LST

HOURLY OBSERVATIONS: JUN 77 - MAY 87

SUMMARY OF DAY DATA: JAN 48 - MAY 87

TIME CONVERSION LST TO GMT: +6

DATE PRODUCED: 27 OCT 1987

DL-A/USAFETAC/MAC/AWS
ASHEVILLE NC 28901

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

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

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/10A.

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

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 LST.

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" (RUSSWO).

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PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPOSED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-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.

STATION NO ON SUMMARY 727530	STATION NAME Fargo, North Dakota, Hector Fld	LATITUDE N 46 55	LONGITUDE W 096 49	FIELD ELEV (FT) 900 Ft	CALL SIGN FAR	WMO NUMP**R 72753
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARD.	
	Hector Muni Apt, Fargo ND established Jul 01, 1934 Hector Apt, Fargo ND	WBAS	Jul 34	20 Dec36	46 54 N	096 48 W	899 ft	899 ft	24
		Same	20 Dec36	Nov 53	Same	Same	Same	913 ft	24
		Same	Nov 53	Aug 57	Same	Same	Same	912 ft	24
		Same	Aug 57	Dec 64	Same	Same	900 ft	Same	24
		Same	Jan 65	07 Apr65	Same	Same	Same	911 ft	24
		Same	07 Apr65	Jan 80	Same	Same	Same	Same	24
		Same	Jan 80	May 81	Same	Same	895 ft	NA	24
		Same	May 81	May 84	Same	Same	899 ft	911 ft	24
		Same	Jun 84	May 87	46 55 N	096 49 W	900 ft	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS. ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
	Jan 48 to Oct 53	Located on roof	anemometer	NA	47 ft	
	Nov 53 to 25 Jun61	Located on Tower	F420B	NA	86 ft	
	26 Jun61 to 10 Mar63	Located 1800 ft NNW of adm Bldg	F420C	NA	20 ft	
	11 Mar63 to Dec 68	Located 1500 ft NW of Adm Bldg	Same	NA	Same	

NUMBER OF CATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
	Dec 68	Located on Field	F420	NA	20 ft	gust recorder commissioned
	15 Dec69	Located on Field	F420	F312	20 ft	
	to 25 Mar81	Same	Same	Same	Same	
	26 Mar81	Same	Same	Same	Same	
	to Jun 83					

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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).

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.

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 (GLAZE): 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 .05% 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 EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: JAN

HOURS (LST)	TSTMS	RAIN %/OR DRIZZLE	FRZING RAIN %/OR DRIZZLE	SNOW %/OR SLEET	MAIL	% OBS WITH PRECIP	FOG	SMOKE %/OR HAZE	BLOWING SNOW	DUST %/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		.3	.6	25.3		26.1	3.5		6.6		10.1	930
03-05			.9	25.3		25.6	4.6	.2	6.6		11.4	930
06-08			.2	26.5		26.5	4.5	.2	7.2	.1	12.0	930
09-11		.1	.3	24.5		24.8	6.7	.8	8.3		15.3	930
12-14		.3	.3	23.2		23.8	4.0	.1	11.5	.3	15.5	930
15-17		.4	.6	19.0		19.7	3.8		10.0	.5	13.7	930
18-20		.6	.5	24.2		24.9	2.9		8.2	.4	11.1	930
21-23		.1	.8	24.9		25.4	3.8		7.4	.2	11.2	930
TOTALS		.2	.5	24.1		24.6	4.2	.2	8.2	.2	12.5	7400

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: FEB

HOURS (LST)	TSTMS	RAIN %/OR DRIZZLE	FRZING RAIN %/OR DRIZZLE	SNOW %/OR SLEET	MAIL	% OBS WITH PRECIP	FOG	SMOKE %/OR HAZE	BLOWING SNOW	DUST %/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		1.4	1.7	18.4		20.9	9.7	.1	2.7		12.4	846
03-05		1.8	1.9	21.5		24.5	10.6		3.2		13.9	846
06-08		1.5	1.4	20.9		23.4	13.2	.1	3.5		16.9	846
09-11		1.6	1.7	25.4		27.9	19.4	1.4	5.1	.4	25.7	846
12-14		2.0	.5	20.7		22.8	12.1	2.0	6.9	.4	21.0	846
15-17	.1	2.0	.5	16.1		18.2	10.3	1.9	6.3	.7	18.9	846
18-20		1.1	.2	17.5		18.3	8.6	1.3	3.9	.6	14.2	846
21-23		.9	.6	17.4		18.6	7.4	.6	3.3		11.1	846
TOTALS	.0	1.6	1.1	19.7		21.6	11.4	.9	4.4	.3	16.8	6768

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		4.3	.4	11.6		15.8	8.4		2.0		10.4	930
03-05		3.8	.9	11.5		15.7	9.5		1.7		11.2	930
06-08	.1	4.0	1.2	12.3		16.5	13.5	.1	2.5		15.0	930
09-11		5.5	1.0	11.7		17.2	12.9	.3	4.5	.3	17.6	930
12-14		3.0	.3	8.9		11.9	9.0	.3	4.0	.9	14.0	930
15-17		4.2	.6	9.6		13.1	8.6	.9	3.9	1.1	14.2	930
18-20		5.3	.5	9.5		14.0	7.8	.9	2.9	.5	11.5	930
21-23		5.7	.4	10.9		16.3	7.3	.2	2.0		9.4	930
TOTALS	.0	4.5	.7	10.8		15.1	9.6	.3	2.9	.4	13.0	7440

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: APR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		6.3		3.4		9.2	5.0		.4	.3	5.7	900
03-05	.3	7.4		3.9		10.9	4.1		.7	.2	5.0	900
06-08	.3	6.7		3.6		10.2	6.6		.9	.2	7.7	900
09-11		5.8		3.7		8.9	3.9	.6	1.6	1.0	6.9	900
12-14	.1	6.3		2.2		8.1	3.3	.3	1.0	1.2	5.8	900
15-17	.1	6.6		1.7	.1	8.1	3.1	.3	.4	1.1	5.0	900
18-20	.5	7.7	.1	2.2		9.9	2.3	.2	.4	.1	3.1	900
21-23	.1	7.9		3.3		10.9	2.3	.2	.3	.1	2.9	900
TOTALS	.2	6.8	.0	3.0	.0	9.5	3.8	.2	.7	.5	5.3	7200

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	1.5	8.0		.5	.1	6.5	2.8	.2		.1	3.1	930
03-05	.5	9.0		.3		9.2	5.1			.1	5.2	930
06-08	.5	7.4		.2		7.6	6.3	1.3			7.5	930
09-11	.3	7.3				7.3	3.1	.8		.2	4.1	930
12-14	.6	7.1				7.1	1.7	.9		.5	3.1	930
15-17	1.0	6.0				6.6	1.8			.6	2.5	930
18-20	1.3	8.0				8.6	2.0	1.0		.6	3.7	927
21-23	1.4	8.1		.1		8.2	1.3	.1		.5	1.9	927
TOTALS	.9	7.8		.1	.0	7.9	3.0	.5		.3	3.9	7434

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	2.2	5.6				5.6	2.2	.3		.1	2.4	900
03-05	2.7	7.6				7.6	4.7	.2			4.7	900
06-08	1.9	8.2				8.2	4.1	.3			4.3	900
09-11	.7	8.1				8.1	2.1	.3		.1	2.4	900
12-14	.8	7.9				7.9	1.7				1.7	900
15-17	1.0	7.3				7.3	1.2			.2	1.4	900
18-20	1.2	6.0				6.0	.9	.2		.4	1.6	900
21-23	2.2	6.1				6.1	.9			.3	1.2	900
TOTALS	1.6	7.1				7.1	2.2	.2		.1	2.5	7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUL

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	3.5	5.3			.1	5.3	1.3	.3			1.6	930
03-05	2.6	6.0				6.0	3.9	.3			4.2	930
06-08	1.6	7.2			.1	7.2	5.4	.8			5.6	930
09-11	1.7	5.8				5.8	2.2	.6			2.7	930
12-14	1.3	4.1			.1	4.1	.4	.4			.9	930
15-17	1.3	3.1				3.1	.3				.3	930
18-20	1.4	3.4			.1	3.4	.2			.1	.3	930
21-23	3.7	4.0				4.0	.3				.3	930
TOTALS	2.1	4.9			.1	4.9	1.8	.3		.0	2.0	7440

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: AUG

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	1.7	4.7				4.7	3.0	.1			3.1	930
03-05	1.8	6.8				6.8	6.5				6.5	930
06-08	1.5	6.6				6.6	11.4	.6			11.8	930
09-11	1.3	6.2				6.1	4.8	.8			5.4	930
12-14	1.3	6.9				6.9	2.4	.5			2.9	930
15-17	1.4	5.9				5.9	1.1	.6			1.7	930
18-20	2.2	5.8				5.8	1.0	1.1			2.0	930
21-23	2.0	4.3				4.3	.9	.9			1.7	930
TOTALS	1.7	5.9				5.9	3.9	.6			4.4	7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 72753J STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OF DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.6	6.4		.1		6.6	4.7				4.7	900
03-05	.3	5.2				5.2	5.7	.1			5.8	900
06-08	.2	9.6		.1		9.9	8.2	.7			8.9	900
09-11	.6	10.1		.2		10.1	5.4	.8			6.2	900
12-14	.6	10.0		.1		10.0	3.9	.8			4.7	900
15-17	.9	8.6				8.8	3.4	.1			3.6	900
18-20	1.0	10.1				10.1	3.8	.4			4.2	900
21-23	.8	7.6		.1		7.8	2.7				2.7	900
TOTALS	.7	8.5		.1		8.6	4.7	.4			5.1	7200

STATION NUMBER: 72753C STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OF DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.5	9.8		1.0		10.8	5.1	.4			5.5	930
03-05	.3	6.0		2.2		10.0	6.3	.2			6.6	930
06-08	.1	6.3		1.9		10.1	10.8	.4			11.2	930
09-11	.1	9.8		.9		10.2	9.1	1.1			10.2	930
12-14	.1	10.6	.1	1.7		11.5	8.1	1.2			9.2	930
15-17	.5	10.0		.8		10.8	6.6	.2			6.8	930
18-20	.8	10.9		2.0	.1	11.9	5.4	.2			5.6	930
21-23	.3	12.0		2.4		13.4	4.3	.3	.3		4.9	930
TOTALS	.3	9.9	.0	1.6	.0	11.1	7.0	.5	.0		7.5	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR 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		2.7	1.0	15.2		18.3	9.4	.2	3.1		12.5	900
03-05		2.2	1.0	15.3		17.8	12.0	.1	2.9		14.9	900
06-08		2.3	.4	14.6		17.0	13.4	.1	2.6		16.0	900
09-11		3.3		14.9		17.9	14.1	.7	2.8		17.4	900
12-14		3.0	.2	14.3		16.9	7.9	.4	3.2		11.4	900
15-17		3.0	.6	14.3		17.2	5.6	.3	2.8		8.7	900
18-20		2.2	.7	16.3		18.0	4.8	.6	1.9		7.2	900
21-23		1.6	.6	16.2		18.6	5.7	.7	2.9		9.2	900
TOTALS		2.5	.6	15.1		17.6	9.1	.4	2.8		12.2	7200

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: DEC

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR 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		.6	1.6	15.9		17.8	10.8		3.5		14.3	930
03-05		.8	1.6	17.3		19.5	10.6		3.7		14.3	930
06-08		1.0	1.6	20.1		22.5	11.2		4.8		16.0	930
09-11		.9	1.6	23.5		25.7	12.9	.4	5.4	.3	18.4	930
12-14		.6	1.0	22.0		23.4	7.3	.6	7.5	.4	15.5	930
15-17		.9	.8	17.8		19.4	7.1	.4	5.8	.6	13.7	930
18-20		.3	1.0	17.4		18.4	7.3		4.1	.3	11.7	930
21-23		.2	1.9	18.0		19.7	8.6		2.9		11.5	930
TOTALS		.7	1.4	19.0		20.8	9.5	.2	4.7	.2	14.4	7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 77-87
 MONTH: ALL

HOURS (LST)	TSTMS	RAIN %/OR DRIZZLE	FRZING RAIN %/OR DRIZZLE	SNOW %/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE %/OR HAZE	BLOWING SNOW	DUST %/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN ALL		.2	.5	24.1		24.6	4.2	.2	8.2	.2	12.5	7440
FEB		.0	1.0	1.1		21.0	11.4	.9	4.4	.3	16.8	6768
MAR		.0	4.5	.7		15.1	9.6	.3	2.9	.4	13.0	7440
APR		.2	6.6	.0	.0	9.5	3.8	.2	.7	.5	5.3	7200
MAY		.9	7.0		.0	7.9	3.0	.5		.3	3.9	7434
JUN		1.6	7.1			7.1	2.2	.2		.1	2.5	7200
JUL		2.1	4.9		.1	4.9	1.8	.3		.0	2.0	7440
AUG		1.7	5.9			5.9	3.9	.6			4.4	7440
SEP		.7	8.5			8.6	4.7	.4			5.1	7200
OCT		.3	9.9	.0	.0	11.1	7.0	.5	.0		7.5	7440
NOV			2.5	.6		15.1	9.1	.4	2.8		12.2	7200
DEC			.7	1.4		19.0	9.5	.2	4.7	.2	14.4	7440
TOTALS		.6	5.0	.4	.0	7.8	5.9	.4	2.0	.2	8.3	87642

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

STATION NUMBER: 72753C STATION NAME: HECTOR FLD FARGG ND

PERIOD OF RECORD: 49-d7
 MONTH: ALL

MONTH	TSMS	RAIN C/OK DRIZZLE	FRIZING RAIN E/OK DRIZZLE	SNOW E/OK SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OK HAZE	BLOWING SNOW	DUST E/OK SAND	% OBS W/LEST TO VISION	TOTAL OBS
JAN		7.0	6.0	68.2		70.2	21.5	5.4	33.0	.5	49.0	1209
FEB	.1	12.1	8.3	59.2		63.4	27.6	7.3	21.7	.3	46.6	1089
MAR	.7	17.9	4.9	48.4		56.6	27.8	5.4	12.9	.9	39.5	1209
APR	3.8	37.5	1.2	21.5	.7	46.4	20.9	2.6	3.2	.5	24.4	1170
MAY	12.7	48.6		3.2	1.2	49.9	18.5	2.3	.2	.3	19.8	1209
JUN	24.6	53.9			1.9	53.9	16.8	2.2		.2	17.5	1140
JUL	28.1	47.9			1.4	47.9	12.5	2.8			13.6	1178
AUG	20.8	44.4			1.6	44.4	16.9	3.7			18.6	1176
SEP	10.0	43.1		.9	.2	43.1	20.2	2.1			21.0	1140
OCT	3.3	35.0	.7	10.6	.1	39.6	19.5	4.0	.5		21.0	1177
NOV	.3	19.7	5.8	41.7		51.0	22.4	4.7	7.0		29.6	1129
DEC	.1	13.6	10.3	62.5		65.5	29.7	4.8	20.6	.1	47.1	1177
TOTALS	8.7	31.7	3.1	26.3	.6	52.8	21.2	4.0	8.3	.2	29.0	14005

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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 (HUNDREDTHS)

EXTREME DAILY SNOWFALL: ".0" EQUALS NONE FOR THE MONTH (TENTHS)

EXTREME DAILY SNOW DEPTH: ".0" EQUALS NONE FOR THE MONTH (WHOLE 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.

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 48-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02 TO .05	.06 TO .10	.11 TO .25	.26 TO .50	.51 TO 1.00	1.01 TO 2.50	2.51 TO 5.00	5.01 TO 10.00	10.01 TO 20.00	OVER 20.00	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
																MEAN	GREATEST	LEAST
JAN	30.1	42.5	6.4	11.5	4.6	3.4	1.2	.3						27.4	1240	.59	1.36	.09
FEB	36.8	39.1	6.8	9.4	4.2	2.1	1.3	.3						24.1	1130	.46	1.74	.03
MAR	43.7	31.5	5.4	8.1	3.0	4.8	2.3	1.0	.1					24.8	1240	.89	2.27	.03
APR	51.1	20.4	3.3	6.6	4.6	5.7	3.8	2.7	.7					27.7	1200	1.76	5.26	.02
MAY	50.6	18.2	3.6	7.4	4.5	6.0	4.8	3.6	1.1	.1				31.2	1240	2.35	7.30	.46
JUN	46.2	19.0	3.3	7.4	4.7	6.7	6.8	4.5	1.2	.3				34.9	1170	3.04	9.40	.56
JUL	52.1	16.5	4.3	6.0	4.5	6.2	4.0	3.5	2.6	.4				31.4	1209	2.31	6.42	.42
AUG	55.5	16.1	3.6	6.7	3.4	6.0	4.5	2.5	1.7	.1				28.4	1209	2.37	6.46	.18
SEP	57.3	16.3	3.1	6.9	4.8	5.4	3.1	2.3	.7	.2				26.4	1170	1.79	6.13	.13
OCT	61.0	17.6	2.8	5.1	2.7	5.1	2.6	2.1	.8	.1				21.4	1209	1.55	7.03	.05
NOV	49.2	31.6	3.5	6.6	2.3	3.8	1.5	.9	.4					19.0	1170	.60	4.58	.04
DEC	34.8	39.5	5.8	9.4	4.7	3.8	1.4	.5						25.6	1209	.64	2.19	.04
ANN	47.4	25.7	4.3	7.6	4.0	4.9	3.1	2.0	.8	.1				26.9	14396	15.59		

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 72751C STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 44-87

24 HOUR AMOUNTS IN INCHES

-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	.33	.57	.28	1.14	.55	1.69	1.56	.25	.36	.29	.31	.11	1.69
49	.68	.21	.23	.02	.99	.88	1.03	.61	.21	1.19	.20	.67	1.63
50	.32	.12	1.07	.34	1.17	.94	.16	.16	.59	.48	.25	.16	1.17
51	.15	.57	.32	.23	.64	.78	1.86	1.53	.37	.62	.24	.52	1.66
52	.57	.10	.27	.18	.24	.53	3.93	1.73	.15	.05	1.25	.10	3.93
53	.11	.21	.17	1.04	.70	2.05	.39	1.30	.44	.24	.46	.29	2.05
54	.12	.21	.27	.38	.35	.92	.85	1.06	1.13	.25	.05	.16	1.13
55	.05	.42	.17	.11	.66	.50	1.67	.28	.40	.13	.17	.25	1.67
56	.27	.13	.56	.65	.87	.81	1.36	.58	.60	.65	.71	.09	1.36
57	.09	.10	.04	.90	.64	2.77	1.01	.66	3.37	.98	.63	.03	3.37
58	.06	.06	.01	.54	.35	1.16	2.70	1.77	.23	.59	.52	.02	2.70
59	.11	.09	.06	.25	.93	1.51	2.18	1.19	.33	.78	.19	.29	2.18
60	.05	.03	.33	1.61	.69	.62	1.39	1.68	.59	1.06	1.62	.73	1.68
61	.05	.05	.34	.84	.93	.50	1.05	1.00	1.48	.65	.02	.15	1.48
62	.26	.35	.34	.44	1.50	1.15	1.72	1.69	.81	.59	.26	.09	1.72
63	.04	.14	.14	1.65	1.16	.54	.16	2.10	.28	.18	.12	.18	2.10
64	.27	.10	.41	1.46	.39	2.69	.35	1.51	.49	.08	.52	.28	2.69
65	.07	.10	.60	1.35	.60	.73	1.26	.94	.87	.36	.31	.30	1.35
66	.31	.16	.67	.74	.55	.72	1.55	1.19	.24	.71	.07	.18	1.55
67	.35	.04	.15	.96	.57	.90	.25	.16	.10	.56	.01	.57	.96
68	.10	.12	.64	.91	.45	.82	.70	.58	.49	.72	.14	.28	.82
69	.28	.13	.33	1.05	.98	.99	2.85	.31	.84	.43	.05	.21	2.85
70	.02	.05	.65	1.02	.81	.94	.24	.85	2.86	.25	.36	.24	2.86
71	.39	.26	.25	.61	1.15	.78	.76	.23	2.15	1.37	.56	.13	2.15
72	.57	.18	.35	.57	1.38	.25	1.05	.96	.67	.37	.11	.63	1.38
73	.06	.76	.62	.30	.60	.42	1.33	1.65	2.07	.86	.35	.42	2.07
74	.10	.09	.22	1.00	1.05	.37	2.95	2.78	.10	1.60	.46	.09	2.95
75	.22	.07	.64	.59	.51	2.78	.99	1.20	.65	.78	.31	.09	2.78
76	.33	.26	.42	.34	.34	.46	.30	.13	.45	.14	.17	.06	.46
77	.20	.73	.70	.31	4.02	.59	3.06	.95	1.00	1.52	1.50	.49	4.02

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 72753C STATION NAME: HECTCK FLD FARGO ND

PERIOD OF RECORD: 46-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
76	.04	.05	.24	.35	.44	2.41	1.45	1.94	.25	.08	.66	.23	2.41
79	.14	.41	.59	.87	.43	1.21	2.03	.30	.22	1.73	.17	.12	2.03
80	.78	.22	.27	.01	.39	.69	.22	1.81	1.33	.60	.21	.09	1.81
81	.03	.23	.29	.31	1.63	.72	1.44	.71	.52	.56	.14	.31	1.63
82	.47	.53	.39	.13	.52	.54	1.12	.38	.29	3.10	.54	.09	3.10
83	.23	.16	.59	.22	.57	.93	1.47	1.32	.57	.62	.40	.35	1.47
84	.27	.26	.32	.43	.26	1.67	.39	.14	.30	1.79	.08	.59	1.79
85	.06	.12	.43	.38	1.29	.69	1.15	.95	.45	.43	.52	.26	1.29
86	.45	.13	.07	1.78	.63	1.85	1.50	.72	1.61	.02	.71	.16	1.85
87	.19	.33	.17	.10	1.05								
MEAN	.230	.196	.366	.659	.825	1.069	1.325	1.006	.776	.703	.396	.257	2.002
S.D.	.189	.162	.246	.477	.626	.662	.692	.649	.747	.613	.371	.189	.802
TOTAL OBS	1740	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14356

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72753C STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 49-87

.....
TOTAL MONTHLY PRECIPITATION IN INCHES
-M-O-N-T-H-S-
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YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	.77	1.61	.87	2.44	1.05	4.57	4.10	.88	.85	.53	.76	.37	18.79
49	1.24	.52	.36	.02	3.54	2.72	4.95	1.19	.36	2.76	.79	1.31	19.77
50	1.36	.26	2.21	1.79	5.00	2.29	.42	.42	1.54	.99	.50	.60	17.36
51	.45	.72	.85	.46	1.63	2.36	3.77	5.64	.79	1.69	.70	2.19	21.25
52	1.57	.30	.68	.24	.47	2.03	8.42	2.69	.15	.68	1.67	.47	18.27
53	.37	.57	.46	2.94	3.44	5.23	1.08	2.94	.75	.32	.77	.70	19.57
54	.47	.72	.65	1.12	.61	1.46	2.34	2.60	2.68	.59	.17	.25	13.16
55	.18	.97	.63	.46	1.81	2.62	6.86	1.11	1.27	.34	.70	.47	17.44
56	.72	.18	.91	1.45	1.63	2.05	3.58	1.75	.83	1.14	1.60	.31	16.55
57	.31	.22	.68	1.90	2.00	5.47	4.72	1.68	6.13	1.64	.82	.35	25.03
58	.16	.15	.03	1.39	1.41	5.08	5.74	3.93	.71	.72	1.56	.34	20.54
59	.13	.20	.06	.66	1.88	4.78	4.26	3.02	.77	1.61	.31	.53	16.23
60	.17	.06	.11	3.62	1.71	1.62	2.40	3.91	1.26	1.34	1.63	1.01	19.04
61	.09	.15	.38	2.27	2.71	1.36	3.00	1.02	4.44	1.70	.06	.57	17.78
62	1.57	.97	1.08	1.51	5.95	2.78	5.92	3.25	3.15	.86	.54	.30	27.38
63	.13	.33	.51	2.67	2.61	1.69	.66	4.41	1.19	.23	.12	.39	14.54
64	.54	.27	.92	3.76	.87	4.65	.77	2.85	1.70	.10	.72	.91	18.26
65	.10	.14	1.36	3.04	3.06	3.10	4.81	2.55	3.50	.55	.79	1.01	24.01
66	.40	.26	1.92	1.78	1.27	2.91	4.01	3.80	.54	1.40	.18	.50	18.97
67	1.03	.21	.54	4.14	1.00	2.54	.60	.41	.31	1.06	.04	1.36	13.04
68	.37	.77	1.29	4.09	2.08	3.94	1.49	1.61	2.23	1.75	.37	1.11	23.60
69	1.27	.46	.54	1.55	2.36	2.03	5.92	.38	1.55	1.51	.14	.81	18.52
70	.10	.20	1.52	2.31	2.83	2.63	.43	1.24	3.61	1.61	.96	.47	17.90
71	.81	.34	.56	1.10	2.68	3.51	2.80	.92	4.30	4.42	.63	.59	22.86
72	.94	.61	.74	.96	3.52	.58	2.78	3.45	1.22	1.25	.22	1.51	17.78
73	.12	.13	1.25	.70	1.65	1.78	3.60	3.85	4.98	1.54	.90	1.02	21.52
74	.35	.36	.71	3.40	4.03	.90	4.75	6.46	.13	3.10	.48	.32	24.59
75	1.32	.27	1.48	3.24	1.45	9.40	2.42	2.90	1.24	1.76	.64	.18	26.30
76	1.25	.35	1.00	1.14	.46	2.34	.63	.41	.55	.16	.26	.24	8.84
77	.65	1.24	1.72	.84	7.30	1.64	5.36	2.53	3.21	2.46	4.58	.75	32.28

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NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 72753 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 48-87

TOTAL MONTHLY PRECIPITATION IN INCHES													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	.16	.19	.43	1.15	1.78	4.40	2.92	3.79	.92	.13	1.11	.47	17.44
79	.44	1.74	2.00	3.04	2.02	2.92	3.38	.90	.31	2.60	.48	.14	19.57
80	1.23	.57	.82	.02	.64	2.68	.76	4.24	2.52	1.06	.47	.30	15.11
81	.11	.49	.67	.61	3.46	2.56	3.21	1.76	1.11	2.36	.40	.05	17.59
82	1.32	.54	1.25	.45	1.82	1.61	2.64	1.12	1.12	7.03	1.13	.17	20.20
83	.46	.21	2.27	.42	2.00	2.34	4.16	2.56	1.63	1.62	1.04	.46	19.67
84	.79	.90	1.12	1.68	.61	5.38	.64	.18	1.23	6.76	.18	.90	20.37
85	.20	.15	1.35	.60	5.03	1.44	3.91	2.30	1.39	1.12	1.06	.59	19.17
86	.85	.27	.19	5.28	1.00	3.98	4.78	1.72	3.67	.05	1.43	.29	23.51
87	.27	.96	.49	.12	3.46								
PLAN	.594	.454	.891	1.761	2.351	3.040	3.307	2.368	1.791	1.586	.798	.641	19.611
S.D.	.432	.396	.591	1.326	1.530	1.669	1.970	1.506	1.472	1.561	.772	.449	4.184
TOTAL OBS	1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14356

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEA THER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 48-67

MONTH	AMOUNTS IN INCHES													% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4			MEAN	GREATEST	LEAST
JAN	31.7	39.0	14.9	8.8	2.7	1.4	.5	.4	.2	.1	.1			29.0	1240	6.3	30.0	1.2
FEB	40.7	35.0	14.3	5.9	2.0	1.0	.4	.6		.1				24.3	1130	5.8	19.5	.3
MAR	51.9	27.1	10.6	5.9	1.9	1.4	.8	.5						21.0	1240	6.6	18.7	TRACE
APR	76.8	12.9	3.4	2.4	1.3	.5	.2	.2	.1					8.2	1200	3.0	12.6	TRACE
MAY	97.0	2.4	.3	.2										.6	1240	.1	1.0	.0
JUN	100.0														1170	.0	.0	.0
JUL	100.0														1209	.0	.0	.0
AUG	100.0														1209	.0	.0	.0
SEP	99.1	.9													1170	TRACE	TRACE	.0
OCT	89.6	8.2	.9	.9	.3	.1			.1					2.2	1209	.7	8.1	.0
NOV	58.5	26.9	7.3	3.9	1.5	.9	.3	.4	.1	.2				14.5	1170	4.9	24.3	.4
DEC	37.6	36.4	12.9	8.2	2.6	1.2	.6	.3	.1					26.0	1209	7.0	20.3	.3
ANN	73.8	15.7	5.4	3.0	1.0	.5	.2	.2	.0	.0	.0			10.5	14396	36.4		

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR FATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 707530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 48-87

24 HOUR AMOUNTS IN INCHES
 -M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	1.4	5.7	2.8	.7	.0	.0	.0	.0	.0	TRACE	5.0	1.1	5.7
49	0.8	1.0	1.3	TRACE	TRACE	.0	.0	.0	.0	TRACE	3.0	1.7	6.8
50	1.4	1.0	2.4	3.6	1.0	.0	.0	.0	.0	1.0	2.5	2.2	3.4
51	1.7	10.8	3.4	1.3	.0	.0	.0	.0	.0	7.0	2.4	1.2	10.8
52	0.1	1.0	3.7	1.8	.0	.0	.0	.0	.0	TRACE	.5	1.5	6.1
53	.7	3.1	1.9	.7	TRACE	.0	.0	.0	.0	TRACE	4.5	3.0	4.5
54	1.9	.1	2.0	.4	.9	.0	.0	.0	.0	TRACE	.4	1.6	2.0
55	.5	4.0	1.7	.1	.0	.0	.0	.0	.0	TRACE	2.3	2.5	4.2
56	1.7	1.3	6.0	3.4	.0	.0	.0	.0	TRACE	.0	.3	1.0	6.3
57	1.0	2.7	.4	1.2	.0	.0	.0	.0	TRACE	TRACE	1.0	.6	2.7
58	.7	1.4	.7	TRACE	.0	.0	.0	.0	.0	TRACE	3.0	.5	3.0
59	1.7	1.1	.1	1.0	TRACE	.0	.0	.0	.0	.5	2.1	.8	2.1
60	0.4	.5	.6	5.0	.2	.0	.0	.0	.0	TRACE	10.9	1.6	10.9
61	.6	1.0	TRACE	1.0	TRACE	.0	.0	.0	.0	TRACE	.2	1.9	1.9
62	1.0	3.1	3.4	1.3	.0	.0	.0	.0	.0	.2	2.8	.9	3.4
63	.6	1.0	1.4	6.0	.1	.0	.0	.0	.0	.0	2.4	1.8	6.0
64	4.6	3.6	3.7	3.5	.0	.0	.0	.0	.0	TRACE	2.0	3.7	4.6
65	.7	1.0	4.8	2.5	TRACE	.0	.0	.0	TRACE	.0	3.1	2.7	4.8
66	4.0	.7	6.4	2.3	.0	.0	.0	.0	.0	1.0	.8	1.4	6.4
67	4.1	.8	2.9	2.7	TRACE	.0	.0	.0	.0	.7	.5	1.4	5.4
68	1.0	1.2	1.4	5.4	.4	.0	.0	.0	.0	.8	2.4	2.8	5.4
69	1.8	4.5	1.5	TRACE	TRACE	.0	.0	.0	.0	1.5	1.5	2.5	4.5
70	.6	.9	2.6	8.6	TRACE	.0	.0	.0	.0	.9	4.1	3.0	8.6
71	4.7	3.2	.5	.5	TRACE	.0	.0	.0	.0	2.0	.6	1.9	4.7
72	7.0	2.0	3.4	1.1	.0	.0	.0	.0	TRACE	2.7	.9	7.2	7.2
73	.6	.6	1.0	2.4	.0	.0	.0	.0	.0	TRACE	1.3	4.4	4.4
74	1.5	2.1	2.0	2.3	.0	.0	.0	.0	.0	.4	.5	1.1	2.6
75	1.7	2.0	6.4	2.2	TRACE	.0	.0	.0	.0	.4	3.1	.8	6.4
76	4.1	5.0	4.0	TRACE	.1	.0	.0	.0	.0	.1	1.7	2.0	5.0
77	0.6	4.9	2.8	1.1	.0	.0	.0	.0	.0	TRACE	12.0	2.0	12.0

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR FATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 72753C STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 46-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
76	1.0	1.7	4.0	2.2	.0	.0	.0	.0	.0	TRACE	3.7	1.3	5.3
79	7.3	6.4	1.2	1.4	.6	.0	.0	.0	.0	1.4	2.5	1.0	6.4
80	10.5	2.2	3.1	TRACE	.0	.0	.0	.0	.0	.5	.5	1.0	10.5
81	.6	2.3	.3	TRACE	.0	.0	.0	.0	TRACE	1.7	1.0	4.0	4.0
82	16.3	5.1	4.0	.7	.0	.0	.0	.0	.0	.0	3.4	.2	16.3
83	1.6	1.5	4.0	2.3	TRACE	.0	.0	.0	TRACE	TRACE	2.1	3.8	4.0
84	7.1	1.2	3.1	.4	.0	.0	.0	.0	TRACE	TRACE	.9	2.4	3.1
85	1.2	2.4	4.6	TRACE	.0	.0	.0	.0	.0	TRACE	7.2	1.8	7.2
86	4.9	3.7	.4	3.7	TRACE	.0	.0	.0	.0	TRACE	4.0	1.9	4.9
87	3.0	4.0	.5	TRACE	.0								
MEAN	3.04	2.58	2.53	1.79	.09	.00	.00	.00	TRACE	.58	2.57	2.47	5.72
S.D.	3.751	2.096	1.742	1.914	.246	.000	.000	.000	.000	1.245	2.596	1.634	3.015
TOTAL OBS	1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14356

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 48-87

YEAR	TOTAL MONTHLY SNOWFALL IN INCHES													ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
48	7.3	15.6	7.2	1.2	.0	.0	.0	.0	.0	TRACE	9.8	3.8	45.1	
49	12.3	5.0	2.3	TRACE	TRACE	.0	.0	.0	.0	TRACE	5.3	10.6	36.3	
50	14.9	2.5	10.2	12.4	1.0	.0	.0	.0	.0	1.0	4.9	7.2	54.1	
51	5.7	12.1	11.5	2.0	.0	.0	.0	.0	.0	8.1	7.9	20.3	67.6	
52	11.2	3.2	9.9	1.6	.0	.0	.0	.0	.0	TRACE	.6	0.3	33.2	
53	1.3	6.4	4.6	.9	TRACE	.0	.0	.0	.0	TRACE	6.5	6.6	30.3	
54	7.0	.3	4.9	.5	.9	.0	.0	.0	.0	TRACE	1.1	2.3	16.0	
55	2.8	12.0	7.4	.3	.0	.0	.0	.0	.0	TRACE	6.0	4.9	33.4	
56	7.9	1.6	9.2	4.7	.0	.0	.0	.0	TRACE	.0	.5	3.2	27.3	
57	1.3	4.4	.7	2.8	.0	.0	.0	.0	TRACE	TRACE	1.6	1.2	14.0	
58	2.8	1.9	1.8	TRACE	.0	.0	.0	.0	.0	TRACE	6.5	.9	13.9	
59	0.0	3.5	.2	1.1	TRACE	.0	.0	.0	.0	.7	3.6	1.5	12.0	
60	6.2	1.2	2.4	7.9	.2	.0	.0	.0	.0	TRACE	11.0	2.6	32.5	
61	1.6	2.3	TRACE	2.6	TRACE	.0	.0	.0	.0	TRACE	.5	0.5	13.7	
62	10.9	10.1	10.7	2.0	.0	.0	.0	.0	.0	.2	3.1	2.5	39.5	
63	1.3	3.9	5.3	6.7	.1	.0	.0	.0	.0	.0	.4	4.3	21.3	
64	2.4	6.2	8.4	9.2	.0	.0	.0	.0	.0	TRACE	2.7	11.9	46.8	
65	1.2	1.7	13.1	2.5	TRACE	.0	.0	.0	TRACE	.0	6.1	6.1	30.7	
66	5.0	1.1	15.4	5.0	.0	.0	.0	.0	.0	1.2	1.3	3.4	32.4	
67	10.1	2.6	4.9	5.0	TRACE	.0	.0	.0	.0	.7	.7	10.3	39.3	
68	4.0	2.4	2.0	11.6	.4	.0	.0	.0	.0	.8	3.9	11.4	36.5	
69	14.5	7.8	3.0	TRACE	TRACE	.0	.0	.0	.0	2.0	1.9	9.5	36.7	
70	2.3	3.6	9.1	12.6	TRACE	.0	.0	.0	.0	.9	6.4	6.3	43.4	
71	15.1	4.0	1.8	1.0	TRACE	.0	.0	.0	.0	3.8	2.3	10.0	36.6	
72	16.5	10.9	7.1	3.1	.0	.0	.0	.0	TRACE	3.8	1.7	10.5	61.0	
73	1.7	1.4	1.4	2.4	.0	.0	.0	.0	.0	TRACE	3.9	12.3	23.1	
74	6.1	7.1	10.5	2.7	.0	.0	.0	.0	.0	.4	1.0	1.1	32.9	
75	18.3	5.9	18.7	3.7	TRACE	.0	.0	.0	.0	.4	3.8	1.9	52.7	
76	14.7	6.2	14.0	TRACE	.1	.0	.0	.0	.0	.1	2.7	5.5	42.6	
77	12.6	10.7	4.6	2.1	.0	.0	.0	.0	.0	TRACE	24.2	7.2	61.4	

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 727530 STATION NAME: FORTON FLD FARGO ND

PERIOD OF RECORD: 44-87

YEAR	TOTAL MONTHLY SNOWFALL IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
78	4.6	3.9	7.1	2.4	.0	.0	.0	.0	.0	TRACE	9.5	11.7	38.6
79	7.8	19.6	4.3	2.7	.8	.7	.1	.0	.0	1.4	6.0	1.5	44.0
80	12.3	7.2	6.5	TRACE	.0	.0	.0	.0	.0	.5	1.1	4.6	37.2
81	2.1	4.5	.3	TRACE	.0	.0	.0	.0	TRACE	.3	2.2	5.9	21.3
82	30.0	10.9	14.0	.0	.0	.0	.0	.0	.0	.0	6.6	.3	62.2
83	3.8	2.0	7.4	2.9	TRACE	.0	.7	.0	TRACE	TRACE	5.3	11.8	33.2
84	11.5	3.1	7.7	.4	.0	.0	.7	.0	TRACE	TRACE	1.4	7.4	31.6
85	2.7	3.1	12.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	24.3	54.1
86	11.2	6.7	.7	3.7	TRACE	.0	.0	.0	.0	TRACE	5.3	3.8	31.4
87	2.8	10.4	1.2	TRACE	.0								
MEAN	8.25	5.77	6.00	3.01	.09	.00	.00	.00	TRACE	.73	4.45	6.97	36.60
S.D.	6.265	4.339	4.759	3.441	.246	.000	.000	.000	.000	1.545	5.311	4.120	14.028
TOTAL OBS	1247	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14356

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: 727530 STATION NAME: FECTON FLO FANGO ND

PERIOD OF RECORD: 48-67

MONTH	AMOUNTS IN INCHES													OVER 120	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRAC	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	MEAN				GREATEST	LEAST	
JAN	1.0	0.3	8.5	10.6	7.5	26.0	32.0	5.7	.2						90.6	1240			
FEB	2.7	7.7	9.1	10.3	11.9	24.5	26.2	8.1							90.2	1130			
MAR	21.9	18.6	9.8	7.0	8.2	23.0	15.0	5.9	.3						59.2	1240			
APR	78.3	12.4	3.5	2.2	1.3	1.9	.3								9.2	1200			
MAY	98.6	1.2	.2												.2	1240			
JUN	100.0															1170			
JUL	100.0															1208			
AUG	100.0															1209			
SLP	100.0															1170			
OCT	96.6	2.3	.5	.4		.2									1.1	1279			
NOV	53.2	23.1	6.9	5.5	4.3	5.0	1.0	1.3							23.9	1170			
DEC	10.5	18.5	13.6	10.8	13.2	21.2	10.8	1.6							71.0	1209			
ANN	63.6	7.6	4.3	3.9	3.9	7.6	7.1	1.9	.0						28.9	14395			

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 46-P7

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
48	1P	0	25	1	0	0	0	0	0	0	7	4	25
49	11	13	9	TRACE	0	0	0	0	0	TRACE	4	6	13
50	1A	16	13	4	TRACE	0	0	0	0	0	2	7	16
51	9	9	14	1	0	0	0	0	0	0	5	7	15
52	17	12	12	2	0	0	0	0	0	0	TRACE	3	17
53	4	4	2	TRACE	0	0	0	0	0	0	6	7	7
54	1P	10	2	1	1	0	0	0	0	0	1	3	10
55	3	6	7	TRACE	0	0	0	0	0	0	3	5	8
56	7	7	8	5	0	0	0	0	0	0	TRACE	1	8
57	2	3	TRACE	2	0	0	0	0	0	0	1	1	3
58	2	4	1	0	0	0	0	0	0	0	5	4	5
59	3	4	TRACE	0	0	0	0	0	0	TRACE	1	1	4
60	6	4	3	6	0	0	0	0	0	0	11	10	11
61	0	3	TRACE	1	0	0	0	0	0	0	TRACE	5	5
62	8	10	14	3	0	0	0	0	0	TRACE	3	1	14
63	1	2	2	6	0	0	0	0	0	0	TRACE	4	6
64	6	5	6	3	0	0	0	0	0	0	0	11	11
65	9	5	5	2	0	0	0	0	0	0	6	5	9
66	7	4	15	2	0	0	0	0	0	TRACE	1	3	15
67	11	6	3	2	TRACE	0	0	0	0	0	1	4	11
68	9	3	2	4	TRACE	0	0	0	0	TRACE	1	7	9
69	17	16	16	7	0	0	0	0	0	0	2	7	17
70	7	6	7	5	TRACE	0	0	0	0	1	4	1	7
71	10	14	3	1	0	0	0	0	0	1	1	5	14
72	10	9	9	1	0	0	0	0	0	2	1	13	13
73	13	2	1	TRACE	0	0	0	0	0	0	2	6	13
74	6	9	4	4	0	0	0	0	0	0	1	3	9
75	8	7	10	0	0	0	0	0	0	TRACE	3	2	10
76	9	8	10	TRACE	TRACE	0	0	0	0	TRACE	1	2	10
77	8	9	4	1	0	0	0	0	0	0	17	15	17

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAF/ITAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 48-P7

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	
						JUN	JUL						
78	10	11	14	0	0	0	0	0	0	0	4	12	14
79	12	24	19	4	1	0	0	0	0	0	3	1	24
80	11	6	5	TRACE	0	0	0	0	0	TRACE	TRACE	1	11
81	2	2	1	TRACE	0	0	0	0	0	2	1	7	7
82	29	11	5	TRACE	0	0	0	0	0	0	3	TRACE	29
83	2	TRACE	8	2	0	0	0	0	0	TRACE	2	13	13
84	12	13	8	TRACE	0	0	0	0	0	TRACE	TRACE	4	13
85	5	0	9	TRACE	0	0	0	0	0	0	17	19	19
86	11	14	11	0	0	0	0	0	0	TRACE	4	2	14
87	2	3	4	TRACE	0								
MEAN	8.8	8.0	7.4	2.1	.1	.0	.0	.0	.0	.4	3.3	5.8	12.0
S.D.	5.617	5.574	5.825	2.195	.221	.000	.000	.000	.000	.559	4.009	4.624	5.345
TOTAL OBS	1040	1130	1240	1200	1240	1170	1200	1209	1170	1209	1170	1205	14355

NOTE * (BASED ON LESS THAN FULL MONTHS)

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	CCCCC
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRR	TT	CC
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

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 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK "*" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPLETE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

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 CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/HAL

EXTREME VALUES OF SURFACE WINDS
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 72753 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 70-87

DAILY PEAK GUSTS IN KNOTS																											
T-H-O-R-T-H-S-																											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	ALL MONTHS														
70	Nw	38	Nw	50	Nw	35	W	55	Nw	44	Nw	38	Nw	37	Nw	44	Nw	40	Nw	38	S	42	W	39	W	55	
71	Nw	34	Nw	42	Nw	34	SE	37	N	33	S	42	Nw	43	W	49	W	35	SE	45	W	39	SE	33	W	49	
72	Nw	42	Nw	49	Nw	43	Nw	31	NE	35	W	38	Nw	42	Nw	37	W	41	Nw	37	Nw	31	NE	38	Nw	49	
73	N	40	N	*36	SE	*36	SE	47	Nw	39	W	40	N	36	W	57	SE	42	S	49	Nw	50	Nw	47	W	57	
74	SE	36	Nw	36	Nw	42	SE	41	SE	52	Nw	46	Nw	57	Nw	47	Nw	41	N	36	SE	39	N	32	Nw	57	
75	Nw	52	Nw	42	N	35	SE	37	Nw	43	N	53	SW	46	SE	43	W	36	SE	43	N	36	Nw	36	N	53	
76	N	40	S	40	Nw	45	S	46	N	40	Nw	70	SE	35	N	50	N	41	Nw	50	Nw	51	N	38	Nw	70	
77	N	45	Nw	40	NE	36	N	40	SW	45	Nw	44	SE	44	SE	50	Nw	44	SE	44	Nw	53	N	39	Nw	53	
78	N	44	Nw	35	Nw	38	Nw	47	S	33	SW	43	Nw	62	W	35	S	39	N	39	Nw	38	W	40	Nw	62	
79	SE	33	Nw	35	Nw	45	Nw	45	S	42	SE	52	SW	51	N	33	S	38	N	47	N	39	Nw	44	SE	52	
80	N	50	SE	36	Nw	44	N	42	S	43	W	40	SW	32	SE	39	Nw	38	SE	45	Nw	33	Nw	45	N	50	
81	N	36	N	35	SE	33	S	41	S	39	W	37	E	40	SW	33	Nw	43	S	43	N	40	SE	34	Nw	43	
82	N	44	W	40	W	50	Nw	51	W	43	SE	38	W	60	N	36	SE	34	SE	35	Nw	46	S	38	W	60	
83	Nw	45	SE	35	S	35	Nw	41	SE	50	W	44	W	42	Nw	41	Nw	42	SE	36	SE	33	Nw	38	SE	50	
84	Nw	34	N	51	N	43	S	36	Nw	45	SE	45	SW	35	Nw	31	SE	39	SE	39	SE	40	Nw	41	N	51	
85	Nw	51	Nw	34	SE	46	Nw	35	Nw	50	Nw	35	W	46	Nw	40	S	31	S	43	SE	42	N	48	Nw	51	
86	Nw	40	SE	34	SE	35	N	36	SW	40	S	34	Nw	36	Nw	31	SE	32	SE	38	SE	38	S	30	Nw	40	
87	S	32	N	42	N	37	S	38	S	37																	
MEAN		40.9	40.4	39.4	41.4	41.8	43.5	43.4	47.9	38.6	41.6	39.5	38.8														52.8
STDEV		6.220	5.245	5.159	5.992	5.5.1	8.610	9.103	7.669	3.825	4.461	6.125	5.640														7.148
TOTAL CBS		554	505	539	540	558	508	527	526	510	527	510	527														635

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

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: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 79-87
 MONTH: JAN HOURS(UT): 0000-0200

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	.4	2.0	2.4	5.3	1.7	.5	.4					12.4	12.5
NNE	.1	1.2	.6	.3								2.3	7.2
NLE	.2	.5	.6	.1								1.5	6.6
ENE	.5	.8	.2									1.4	4.5
E	.2	.9	.4	.3								2.3	7.2
ESE	.1	.9	.2	.4								1.6	7.3
SE	.1	.5	.8	1.8	.9	.1						4.2	12.4
SSE		.6	3.1	3.9	2.0	.5						10.3	12.8
S	.6	3.3	5.8	3.2	.1							13.1	8.6
SSW	.2	1.7	3.0	.6								5.6	7.8
SW	.4	1.4	1.1	.4								3.3	6.7
WSW	.3	1.2	1.2	.8	.1							3.5	8.4
W	.1	1.7	1.5	1.3								5.6	7.5
WNW	.2	1.8	1.5	1.2	.1	.2	.1					5.2	9.2
WW	.5	1.1	1.8	3.7	.9	.4	.5					8.9	12.8
WNW	.2	1.6	2.6	3.2	1.5	2.0	.3					11.7	13.8
VARIABLE													
CALM	////////////////////										7.1	////	
TOTALS	4.4	22.3	27.5	26.6	6.9	3.9	1.4					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: JAN HOURS (LST): 0300-0500

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	.4	1.9	4.0	4.2	1.9	.6	.4					13.5	12.1
NNE	.2	.8	.5									1.5	6.1
NE	.2	1.2	.4	.1								1.9	5.7
ENE	.4	.6	.8									1.8	6.1
E	.2	.6	.5	.2								1.6	6.6
ESE	.2	1.0	.1	.2								1.5	6.0
SE		.8	.5	2.3	.3	.1						4.0	11.6
SSE	.1	1.6	3.0	4.8	1.8	.2						11.6	11.8
S	.5	3.2	5.4	3.2	.2							12.6	8.6
SSW		1.8	1.6	.6								4.1	7.2
SW	.3	.9	1.6	.5								3.3	7.2
WSW	.2	.5	1.6	.1								2.5	7.5
W	.2	2.0	1.6	1.4	.1							5.4	8.4
WNW	.2	2.3	1.3	1.5	.1	.3	.1					5.8	9.5
NW		1.3	2.9	2.5	.4	1.1	.2					8.4	12.7
NNW	.1	1.2	3.7	2.9	1.9	1.7	.4	.2				11.7	14.1
VARIABLE													
CALM	////////////////////											9.7	////
TOTALS	3.4	21.7	29.6	24.6	6.9	3.7	1.2	.2				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: JAN 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	.4	1.7	4.8	3.3	1.8	1.4	.2					13.9	12.3
NNE	.3	.6	1.1									2.0	6.2
NE	.2	1.1	.6	.1								2.0	6.1
ENE	.1	.8	.5	.2								1.6	6.8
E	.1	.2	.4	.1								.9	7.6
ESE	.2	.6	.4									1.4	5.9
SE		1.0	2.0	2.2	.4	.3						5.9	11.1
SSE	.1	1.5	3.1	4.4	1.5	.1						10.8	11.5
S	.3	3.1	6.7	3.2								13.3	8.7
SSW	.4	1.6	1.9	.1								4.1	6.5
SW	.4	1.2	2.0	.5								4.2	7.2
WSW	.2	2.6	.6	.3			.1					3.9	6.7
W	.5	1.4	1.9	1.4	.4	.1						5.8	9.2
WNW	.3	1.3	2.5	1.2	.8		.2					6.2	10.6
NW	.5	1.6	2.3	2.3	.5	.7						7.4	9.9
NNW	.2	1.5	4.0	2.3	1.2	1.7	.4	.2				11.0	13.1
VARIABLE													
CALM	////////////////////											5.7	////
TOTALS	4.5	21.9	35.1	21.6	6.7	3.3	1.0	.2				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 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	.4	1.3	3.1	4.8	1.9	1.4	.1					13.1	13.3
NNE	.4	.2	.9	.8	.1							2.4	4.9
NE		.6	.4	.2								1.3	7.4
ENE	.2	.9	.4	.3								1.8	6.5
E	.3	.3	.4	.1								1.2	6.5
ESE		.5	1.2	.2								1.9	7.3
SE	.2	.8	1.1	1.6	.9	.1						4.6	11.6
SSE	.2	1.2	3.3	4.2	1.3	.5						12.8	12.0
S	.4	1.8	4.9	4.9	.9							13.0	10.3
SSW	.2	1.2	1.4	.6								3.5	7.5
SW	.2	.9	1.4	1.0								3.4	8.4
WSW	.6	1.7	2.6	.4								5.4	6.9
W	.3	1.3	2.6	2.4	1.1							7.6	10.6
WNW		1.0	1.6	1.9	.9		.2	.1				5.7	12.5
NW	.1	1.0	2.3	2.7	.5							6.6	10.8
NNW	.3	1.2	2.9	4.4	1.4	1.1	.4	.1				11.8	12.7
VARIABLE													
CALM	////////////////////											5.8	////
TOTALS	4.1	15.9	30.5	30.6	8.9	3.1	.2	.2				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 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	.4	1.5	2.4	3.3	3.5	1.9	.3					13.4	14.5
NNE		.6	.5	.4	.4							2.7	10.6
NE		.3	.4	.2								1.0	8.3
ENE	.1	.5	.2	.1								1.0	6.2
E	.1	.9	.5									1.5	6.4
ESE	.1	1.7	1.2	.2								2.5	7.0
SE	.1	.3	1.5	1.3	1.2	.2						4.6	12.9
SSE		.8	2.0	2.8	1.9	1.1	.1					8.7	14.7
S	.1	1.4	3.4	5.8	1.2							11.9	11.2
SSW	.2	.3	1.1	1.4	.2							3.2	10.5
SW	.3	.8	1.2	.6								2.9	7.7
WSW		.4	1.8	1.2	.1	.1						3.7	10.0
W	.6	1.5	2.8	3.4	.8	.1						9.7	10.1
WNW	.3	.3	2.2	4.1	1.7		.1	.3				9.5	13.2
W	.2	1.5	2.0	1.3	1.4	.7						6.8	11.4
WNW	.3	1.7	2.4	5.5	3.2	1.5	.4	.1				14.7	14.7
VARIABLE	-----												
CALM	////////////////////											3.3	////
TOTALS	3.0	13.9	25.7	31.7	15.7	5.3	1.0	.4				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 78-87
 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	.4	1.7	2.9	5.7	3.4	1.3	.4					15.9	13.8
NNE	.1	.9	1.2	.9	.1							3.1	8.9
NE		.4	.2									.6	6.3
ENE	.3	1.1	.5									1.9	5.7
E		1.7	.5									1.8	6.5
ESE	.3	1.0	.9	.2								2.4	6.4
SE		.5	1.5	1.7	.8	.2						4.7	12.2
SSE	.3	.5	2.3	4.4	1.7	1.4	.2					10.9	14.2
S		1.8	2.4	4.5	.6							9.4	10.8
SSW	.3	.8	1.4	.9								3.3	7.9
SW	.1	1.0	1.5	.6								3.2	7.8
WSW		1.2	2.4	1.2	.2							4.9	9.1
W	.4	1.6	1.2	2.4	.1	.1						5.8	9.4
WNW		1.7	2.7	1.9	1.0	.1	.2					7.2	11.4
NW	.1	.6	2.2	2.5	1.2	1.3		.1				8.7	14.1
NNW		1.1	3.8	4.6	2.9	.5	.3	.3				13.4	14.0
VARIABLE													
CALM	////////////////////											3.3	////
TOTALS	2.5	16.8	27.4	31.5	11.9	4.9	1.2	.4				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: JAN HOURS (LST): 1800-2300

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	.4	2.7	4.6	5.3	2.7	.5	.3					16.6	12.1
NNE	.3	.6	1.0	.3	.1							2.4	8.0
NE	.3	1.1	.2	.1								1.7	5.1
ENE	.2	.4	.8									1.4	6.2
E	.3	.6	1.3									2.3	6.4
ESE	.2	1.3	.9	.2								2.6	6.5
SE	.1	.6	1.9	1.0	.8	.4	.1					4.9	12.4
SSE	.1	1.7	1.9	5.2	2.0	.5	.2					11.7	13.1
S	.3	1.6	5.6	2.9	.5	.1						11.1	9.7
SSW	.1	1.0	1.7	.3	.1							3.2	7.9
SW	.2	.9	1.4	.4	.1							3.0	7.8
WSW	.3	1.2	2.2	.4	.1							4.2	8.0
W	.2	1.6	2.5	1.0								5.3	7.8
WNW	.5	1.6	1.4	1.1	.6	.2	.3					6.0	10.4
W	.8	1.1	2.4	2.4	.9	.3						7.7	10.7
NNW	.3	1.2	2.3	3.9	1.4	.9	.4	.4				10.6	14.0
VARIABLE													
CALM	////////////////////											5.3	////
TOTALS	4.8	19.5	31.9	24.4	9.4	2.7	1.4	.4				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: JAN HOURS (LST): 2100-2300

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	.3	1.7	3.5	4.3	3.8	.6	.4					14.7	13.3
NNE	.3	.6	1.4	.6	.1							3.1	6.4
NE	.1	1.2	.3									1.6	5.5
ENE	.1	1.3	.2									1.6	4.9
E	.1	1.1	.5	.1								1.8	6.3
ESE	.1	1.7	.5	.2								1.8	6.9
SE	.2	.6	1.4	1.2	.4	.7						4.2	11.1
SSE		1.0	2.5	5.9	1.1	1.2	.1					11.7	13.4
S	.2	2.0	5.4	3.7	.3							11.6	9.4
SSW	.1	.8	2.3	1.0	.1							4.2	8.9
SW	.1	1.6	1.7	.8								4.2	7.6
WSW	.1	1.2	1.4	.9								3.5	8.2
W	.5	2.0	2.3	1.1								5.9	7.3
WNW	.3	1.5	1.9	1.1	.4		.2					5.5	9.6
NW	.2	1.2	1.3	1.7	1.2	.1	.4					6.1	13.1
NNW		1.5	3.0	3.7	1.8	.5		.4				11.7	13.2
VARIABLE													
CALM	////////////////////											7.3	////
TOTALS	2.9	20.3	29.7	26.1	9.2	2.9	1.2	.4				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: JAN FOURS(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	.4	1.8	3.5	4.5	2.6	1.7	.3					14.7	13.0
NNE	.2	.7	.9	.4	.1							2.4	4.2
NE	.1	.8	.4	.1								1.5	6.2
NNE	.7	.8	.5	.1								1.6	5.9
E	.2	.7	.6	.1								1.7	6.6
ESE	.2	.9	.7	.2								2.0	6.7
SE	.1	.6	1.3	1.6	.7	.7	.0					4.7	11.9
ESE	.1	1.1	2.7	4.4	1.7	.7	.1					12.8	12.8
S	.3	2.3	4.9	3.9	.5	.7						12.0	9.6
SSW	.2	1.2	1.6	.7	.1							3.9	8.0
SW	.3	1.1	1.5	.6	.0							2.5	7.5
WSW	.2	1.2	1.7	.7	.1	.7	.0					4.0	9.1
W	.4	1.8	2.0	1.8	.3	.7						6.3	9.0
WNW	.2	1.5	1.9	1.7	.7	.1	.2	.1				6.4	11.0
NW	.3	1.7	2.1	2.4	.9	.5	.1	.5				7.5	12.0
NNW	.2	1.3	3.1	3.8	1.9	1.1	.3	.2				12.0	13.9
VARIABLE													
CALM	////////////////////											5.9	////
TOTALS	3.7	19.0	29.7	27.2	9.4	3.7	1.1	.3				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7th-87
 MONTH: FEB HOURS (LST): 0000-0200

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	.4	1.8	4.1	4.3	1.7	1.4	.2					13.8	12.7
NNE	.4	.9	1.4	.9								3.7	8.0
NE	.2	.8	1.1	.8								3.0	8.0
NNE	.5	.7		.2								1.5	5.2
E	.4	1.7	.1		.1							2.2	5.2
ESE	.5	1.7	.4									2.5	4.6
SE	.2	2.4	1.5	.8	.5							5.4	8.6
SSE	.2	1.8	4.3	4.5	2.7	1.1						14.5	12.3
S	.5	3.8	5.1	3.5	.1							13.0	9.7
SSW	.1	2.5	.8	.9								4.4	7.1
SW	.2	1.1	.7	.1								2.1	6.1
WSW	.6	1.2	.4	.4								2.5	6.0
W	.4	2.4	1.8	.6								5.1	6.8
WNW	.5	1.5	2.4	.8	.1							5.3	7.8
NW	.6	.9	2.2	1.1	.2	.1						5.2	8.8
NNW	.2	1.9	2.7	2.7	1.8	.5	.1					9.9	11.9
VARIABLE													
CALM	////////////////////											5.8	////
TOTALS	5.9	27.0	29.0	21.7	7.2	3.1	.4					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 7A-87
 MONTH: FEB HOURS (LST): 0300-0500

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	4.8	5.1	1.2	.8						14.4	11.3
NNE	.1	.8	1.7	1.1								3.7	8.6
NE	.2	.5	.9	.1								1.8	7.3
ENE	.1	1.2	.1									1.4	4.8
E	.1	1.3	.6									2.0	5.6
ESE	.6	.8	.1	.2								1.8	5.4
SE	.2	1.5	1.4	1.5	.1							4.8	9.0
SSE	.2	1.2	5.0	6.9	2.0	.5						15.7	12.0
S	.9	4.6	4.1	2.0	.6							12.3	7.9
SSW	.5	1.5	1.4	.2								3.7	6.8
SW	.2	1.4	1.3		.1							3.1	6.7
WSW	.2	1.4	1.2	.2								3.1	6.5
W	.7	1.3	1.8	.5								4.3	6.9
WNW	.4	1.1	2.1	1.1								4.6	8.1
NW	.4	1.4	2.0	1.1	.1	.5						5.4	9.2
NNW	.4	2.0	2.0	4.1	2.0	.4	.5					11.3	12.7
VARIABLE	////////////////////////////////////											6.6	////
CALM	////////////////////////////////////											6.6	////
TOTALS	5.8	24.1	30.6	24.1	6.1	2.1	.5					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 846

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7A-87
 MONTH: FEB HOURS (LST): 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	.5	2.7	2.8	5.4	1.2	.5	.2					13.5	11.1
NNE	.4	1.2	1.7	1.1								4.3	7.9
NE	.2	1.2	.5	.1								2.0	5.9
ENE	.1	1.5	1.1									2.7	6.2
E	.5	1.1	.5	.1								2.1	5.3
ESE	.1	1.2	.9	.2								2.5	6.6
SE	.2	1.3	1.4	2.1	.4							5.4	9.7
SSE	.1	1.5	4.0	4.6	2.5	.6						13.4	12.3
S	.6	3.3	6.0	2.8	.2							13.0	9.5
SSW	.4	1.8	1.2	.2	.2							3.8	7.2
SW	.1	1.3	.4	.2								2.0	6.5
WSW	.4	1.2	1.5	.1								3.2	6.5
W	.2	1.5	2.2	.8	.1							5.0	8.2
WNW	.8	1.5	1.2	.6	.1							4.3	7.0
NW	.2	1.3	1.7	1.7	.2	.1						5.2	10.0
NNW	.2	2.8	2.5	3.5	1.4	.7						11.2	11.3
VARIABLE													
CALM	////////////////////											6.5	////
TOTALS	5.2	26.5	29.6	23.8	6.4	1.9	.2					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 846

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: FEB 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	2.4	4.0	5.3	1.9	.5	.1					14.8	11.6
NNE	.4	.6	1.5	.9								3.4	8.2
NE	.2	.7	.7	.4								2.0	7.1
ENE		.5	1.3	.1								1.9	7.5
E	.1	1.1	.6	.5								2.2	7.2
ESE	.2	.7	.5	.4								1.8	6.9
SE	.1	.9	2.1	1.9	.9	.1						6.1	11.4
SSE	.4	.8	2.7	6.4	1.8	1.3						13.4	13.2
S	.4	2.6	5.0	3.3	.8	.1						12.2	9.7
SSW		1.0	1.9	.2								3.7	7.3
SW	.2	.9	.7	.2	.1							2.2	7.4
WSW	.4	.6	1.3	.7	.1							3.1	8.2
W	.6	.7	1.2	1.5	.2							4.3	9.4
WNW	.4	2.0	.9	.8	.7	.1						5.0	9.4
NW	.5	.6	2.2	2.2	.8	.2						6.6	11.2
NNW	.5	1.2	3.1	5.1	.9	.7	.4					11.8	12.5
VARIABLE													
CALM	////////////////////											5.9	////
TOTALS	4.7	17.5	29.8	30.0	8.4	3.2	.5					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARSO ND

PERIOD OF RECORD: 78-87
 MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DFGR: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	.2	2.2	3.0	5.8	2.7	1.1	.2					15.2	12.8
NNE		.7	.9	.7								2.4	9.4
NE	.4	.4	.9	.1								1.8	6.6
ENE	.2	.6	.4	.4								1.5	7.1
E	.4	.6	.4	.4								1.7	6.9
ESE	.2	.4	1.2	.5								2.2	8.2
SE	.2	.5	1.3	1.5	.4	.1						4.0	11.0
SSE	.2	.6	3.4	4.8	3.2	1.2						13.7	13.6
S	.2	1.2	5.4	5.2	.6	.1						12.8	10.5
SSW	.2	.6	1.7	.9	.1							3.2	5.1
SW	.1	.5	1.5	.8								3.0	9.0
WSW	.2	.6	1.1	.4								2.2	7.6
W	.2	.9	1.2	1.3	.5							4.1	9.9
WNW	.5	.7	.8	.6	.8	.1						3.5	10.9
NW	.1	1.4	3.2	1.7	.7	.8	.4					8.3	12.1
NNW	.4	.2	4.6	1.2	2.1	1.2	.2					16.8	12.5
VARIABLE													
CALM	////////////////////										3.5	////	
TOTALS	2.9	14.3	30.6	31.1	11.1	4.6	.8					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: FEB 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	.2	1.2	3.3	6.4	3.2	.9	.1					15.4	17.5
NNE	.2	.8	1.9	1.1	.1							4.1	9.1
NE	.4	1.3	1.2									2.8	5.9
ENE		.7	.8	.2								1.8	7.2
E		.6	.5	.2								1.3	8.3
ESE	.1	.6	1.1	.2	.2							2.2	8.2
SE		.5	2.6	1.5	.5	.1						5.2	10.9
SSE	.1	.7	2.8	5.6	2.6	.9						12.6	13.8
S	.2	2.0	5.6	3.1	.9							11.8	9.9
SSW	.1	.5	1.4	1.4								3.4	6.9
S*W	.2	1.7	.9	.7								3.5	7.2
*SW	.4	.6	.8	.2		.1						2.1	7.7
W	.5	.8	.6	.9	.4							3.2	9.0
WNW	.1	1.2	.9	.6	.5	.1						3.4	9.7
NW	.6	.7	2.5	3.1	1.4	.7	.1					9.1	12.4
NNW	.7	.8	4.4	6.1	1.7	1.8	.1	.1				15.7	13.2
VARIABLE												
CALM	////////////////////											2.1	////
TOTALS	3.9	14.7	31.3	31.4	11.5	4.6	.4	.1				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS: 946

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: FEB HOURS (LST): 1800-2000

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	1.5	4.4	7.2	1.9	.7	.1	.4				16.4	12.8
NNE	.4	1.4	1.7	1.2		.1						4.7	8.5
NE	.6	2.0	1.1									3.7	5.5
NNE	.4	1.8	.4	.4								2.8	6.2
E	.6	.8	.7	.1								2.2	5.4
ESE	.1	.7	.8	.2	.1							2.0	8.2
SE	.1	.9	2.4	2.0	.2	.5						6.0	11.0
SSE	.1	.5	5.2	4.0	2.0	.5						12.3	12.4
S	.4	2.5	5.0	2.6	.4							10.8	8.9
SSW		.9	.7	1.2								2.8	9.4
SW	.2	.5	.8		.2							1.8	8.1
WSW	.5	.9	.5	.2								2.1	5.9
W	.4	1.2	1.1	.8								3.4	8.1
WNW	.5	1.5	.7	.6	.1							3.5	7.4
W		1.8	1.9	1.3	.4							5.3	9.2
WNW	.1	1.8	3.8	3.8	1.4	1.7						12.5	12.7
VARIABLE													
CALM	////////////////////											7.4	////
TOTALS	4.6	20.7	31.0	25.7	6.7	3.4	.1	.4				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 846

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: FEB HOURS(UT): 1100-2300

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	.5	3.2	5.8	5.3	2.1	.9	.1	.1				18.1	11.6
NNE	.1	1.1	1.5	1.7	.1							4.5	9.6
NE	.2	1.5	1.1	.1								3.0	6.7
ENE	.1	1.3		.1	.1							1.7	5.8
E	.4	1.8	.2	.1								2.5	5.1
ESE	.5	.8	1.2	.1	.1							2.7	6.7
SE	.1	1.3	1.8	1.3	.4							4.8	9.7
SSE	.2	.9	2.8	6.1	1.7	1.1	.1					13.0	13.2
S	.1	4.3	4.5	3.1	.6	.1						12.6	9.0
SSW		1.4	.9	.6								3.0	7.8
SW	.1	1.2	.8	.2								2.4	6.9
WSW	.5	1.1	1.3	.5	.2							3.5	8.0
W	.2	1.5	1.1	.5	.2							3.5	8.1
WNW	.1	1.1	1.3	.4	.1		.1					3.1	8.7
NW	.1	1.3	2.5	1.2	.2							5.3	9.1
NNW	.2	1.5	2.0	2.7	1.3	.8		.2				8.9	12.7
VARIABLE													
CALM	////////////////////											7.4	////
TOTALS	3.5	25.3	28.8	24.0	7.2	3.0	.4	.4				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 946

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7P-87
 MONTH: FEB HOURS/DIST: 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	.4	2.1	4.0	5.6	2.0	.9	.1	.1				15.2	12.2
NNE	.2	.9	1.5	1.1	.0	.0						3.7	4.6
NE	.3	1.0	.9	.2								2.4	6.6
ENE	.2	1.0	.5	.2	.0							1.9	6.1
E	.3	1.1	.4	.2	.0							2.0	7.0
ESE	.3	.9	.8	.2	.1							2.2	6.8
SE	.2	1.2	1.8	1.6	.4	.1						5.2	10.2
SSE	.2	1.0	3.8	5.4	2.3	.9	.0					17.6	12.8
S	.4	3.0	5.1	3.2	.5	.0						17.3	9.2
SSW	.2	1.3	1.2	.7	.0							3.4	8.0
SW	.2	1.1	.9	.3	.1							2.5	7.1
WSW	.4	.9	1.0	.3	.0	.0						2.7	7.1
W	.4	1.3	1.4	.9	.2							4.1	8.2
WSW	.4	1.7	1.3	.7	.3	.2	.0					4.1	8.6
W	.3	1.7	2.3	1.7	.5	.2	.1					6.3	10.5
WNW	.3	1.8	3.1	4.3	1.6	1.0	.2	.0				12.3	12.5
VARIABLE													
CALM	////////////////////											5.7	////
TOTALS	4.7	21.2	30.1	26.5	8.1	3.7	.4	.1				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAR HOURS (LST): 0000-0200

DIRECTION (DIRECTIONS)	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	1.7	4.4	4.9	2.5	1.1						14.7	12.5
NNE	.8	1.6	2.5	1.0	.2							6.0	7.7
NE	.3	1.9	1.4	.2	.1							4.0	6.8
ENE	.3	1.2	.8	.8	.1							3.1	7.7
E	.6	1.4	1.1	.2								3.3	5.9
ESE		1.8	1.1	.1								3.0	6.6
SE	.3	1.1	2.4	1.5	1.3	.6						7.2	11.9
SSE	.1	1.4	2.6	3.5	1.6	1.1						10.3	13.2
S	.5	4.6	4.7	3.1	1.1	.1						14.2	8.9
SSW		1.0	.8									1.7	6.9
SW	.6	.6	.3	.2								1.8	5.5
WSW		.9	1.0	.6								2.5	6.3
W	.2	1.6	1.2	.2				.3				3.5	9.1
WNW		1.0	1.2	1.2	.3	.1						3.8	10.2
W		1.0	1.6	1.5	.5	.2						4.8	11.0
WNW	.1	1.4	3.2	2.2	1.2	.8	.1					9.9	12.0
VARIABLE													
CALM	////////////////////											7.0	////
TOTALS	4.1	24.2	30.1	21.3	8.9	4.2	.1	.3				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAR HOURS(LST): 0300-0500

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	2.6	4.3	3.7	2.3	1.2	.1					14.6	11.8
NNE	.3	1.2	1.8	1.1	.4							4.8	8.9
NE	.9	2.0	2.0	.4								5.3	6.9
NNE	.3	.6	1.3	.8								3.0	8.8
E	.3	1.6	1.0	.2								3.1	6.1
ESE	.1	2.0	1.3	.5								4.0	7.2
SE	.1	1.4	2.6	2.2	1.5	.2						8.0	11.5
SSE		1.4	1.4	3.5	2.0	.9	.3					9.6	13.9
S	.2	2.7	4.1	3.1	.5	.1						10.8	9.4
SSW	.2	1.9	1.1	.2								3.4	6.4
SW	.2	1.2	.2	.3								1.9	6.4
WSW		.6	.3	.4								1.4	5.3
W	.2	1.0	1.6	.3	.1	.1						3.3	8.1
WNW	.3	.8	1.0	1.1	.4	.2						3.8	10.8
NW	.1	1.7	1.4	1.6	.5							5.4	9.9
NNW	.1	1.2	2.8	3.4	1.4	.8	.1					9.8	12.5
VARIABLE													
CALM	////////////////////////////////////											7.8	////
TOTALS	3.9	24.0	28.2	22.9	9.2	3.4	.5					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAR HOURS (LST): 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	.5	2.3	4.7	3.2	2.4	1.4	.2	.1				14.8	12.5
NNE	.2	2.4	1.6	1.5	.3	.1						6.1	8.8
NE	.1	2.4	.8	.8	.1							4.1	7.6
ENE	.2	1.9	1.2	.4	.3							4.1	7.6
E	.2	1.1	.9	.4								2.6	7.2
ESE	.6	2.5	1.5	.5								5.2	6.3
SE	.3	1.3	2.7	2.2	.8	.5						7.7	11.3
SSE	.3	1.3	1.5	4.0	1.8	1.2						10.1	13.5
S	.5	2.7	4.7	3.2	.3	.3						11.8	9.5
SSW		1.5	1.1	.2	.1							2.9	7.6
SW		.6	.3	.4								1.4	8.3
WSW	.1	.8	.8	.3								1.9	7.3
W		.8	1.3	.2	.1	.2	.1					2.6	10.6
WNW	.5	1.0	.9	1.5	.2							4.1	9.5
NW	.1	.6	1.9	.9	.1							3.7	9.0
NNW	.3	1.4	2.4	3.5	1.5	1.2	.2					10.8	12.8
VARIABLE													
CALP	////////////////////											6.1	////
TOTALS	4.2	24.5	28.2	23.3	8.1	4.9	.5	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7th-87
 MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (D/GREES)	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	2.2	4.2	5.3	3.8	1.6						17.5	13.0
NNE	.3	1.5	1.5	1.6	.3	.2						5.5	9.9
NE		.6	1.3	.8	.2							2.9	9.9
ENE	.1	.8	1.9	.8	.3							3.9	9.1
E	.4	.6	1.2	.6								3.0	8.4
ESE	.3	1.1	1.7	.5	.1							3.8	7.7
SE	.2	1.1	2.3	2.4	1.7	.6	.1					8.4	13.0
SSE		.5	2.0	3.0	2.6	.9	.2					9.2	14.8
S	.2	1.9	4.4	3.4	1.3	.3	.1					11.7	11.1
SSW	.1	.6	1.4	.5								2.7	8.2
SW	.1	1.0	.4	.5								2.0	7.6
WSW	.2	.4	.8	.5								1.9	8.4
W	.1	1.1	1.3	1.6		.1						4.2	9.7
WNW		.1	.6	1.1	.8	.2						2.9	13.8
NW		1.0	1.4	2.2	.9	.3						5.7	12.2
NNW	.5	2.2	2.8	2.8	1.5	1.7	.3	.3				12.2	13.4
VARIABLE													
CALM	////////////////////											2.6	////
TOTALS	3.2	16.7	29.2	27.7	13.4	6.0	.8	.3				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 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	.3	2.3	3.4	5.1	4.5	1.7	.5					17.8	14.2
NNE		.4	2.2	2.0	.2	.2						5.1	11.2
NE	.1	.6	1.5	1.2	.1							3.5	9.2
ENE		.7	1.0	.1	.3	.1						1.8	11.1
E	.2	1.5	1.8	.6	.1							4.3	7.7
ESE	.4	.4	1.5	.8	.1							3.2	8.5
SE		.4	1.4	2.2	1.5	.1						5.6	13.2
SSE	.2	.6	1.8	2.7	2.7	2.7	.3					10.4	15.9
S	.2	.6	3.2	5.4	1.3	.2						11.0	12.3
SSW	.2	.6	.9	.6	.1							2.5	8.8
SW		.4	1.1	.6								2.2	9.0
WSW		.9	1.3	.5								2.7	8.2
W	.1	.9	1.5	1.3	.5	.1						4.4	10.5
WNW	.3	.3	.5	1.5	.6	.1						3.4	12.3
NW	.9	1.1	1.0	2.3	.9	.9						6.8	11.7
NNW	.1	1.1	3.7	4.0	3.0	1.5	.3	.1				13.8	14.3
VARIABLE													
CALM	////////////////////////////////////											1.5	////
TOTALS	3.1	12.6	27.7	30.9	16.0	6.9	1.2	.1				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 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	.2	1.9	4.6	5.6	3.4	1.7	.3	.1				18.0	13.7
NNE	.2	.9	2.7	2.0	.6							6.5	10.4
NE	.1	.6	1.5	1.2								3.4	9.4
ENE	.1	.5	1.5	.6	.3	.1						3.2	10.2
E	.1	.5	.8	.5								1.9	8.6
ESE		1.1	1.6	.5	.1							3.3	8.4
SE	.1	.2	1.5	1.9	1.7	.2						5.7	13.6
SSE		.6	2.0	4.5	3.3	2.0	.1					12.7	15.4
S	.3	.8	3.8	3.2	.6	.2						8.9	10.9
SSW	.2		.4	.3								1.0	9.0
SW	.3	.3	1.0	.6	.1							2.4	9.1
WSW	.1	.2	.8	.4	.2							1.7	9.8
W	.1	1.6	1.5	1.6	.3							5.2	9.6
WNW	.2	.5	.8	.9	.5	.2						3.3	12.1
NW	.1	.8	2.0	2.5	1.4	.5						7.3	12.9
NNW	.1	2.0	1.8	5.8	3.0	1.0	.1					13.9	13.9
VARIABLE													
CALM	////////////////////											1.6	////
TOTALS	2.5	12.7	28.3	32.4	15.8	6.1	.5	.1				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAR HOURS(IST): 1800-2300

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	.6	2.8	3.8	6.8	3.4	.9	.2					18.5	12.5
NNE	.1	1.5	2.8	1.7	.2	.1						6.5	9.5
NE	.4	1.3	1.7	.9	.1							4.4	8.0
ENE	.1	1.3	1.2		.1	.1						2.8	7.4
E	.3	1.5	.6	.3								2.8	6.1
ESE		1.2	2.6	.6	.1							4.5	8.2
SE	.1	.9	1.3	3.0	1.2	.4						6.9	12.7
SSE	.1	1.3	2.9	4.3	1.5	1.2						11.3	12.8
S	.4	2.9	2.8	3.1	.8	.2						10.2	9.6
SSW	.1	.3	.5	.1	.1							1.2	8.4
SW	.5	.6	.3	.2	.1							1.9	6.6
WSW	.1	.9	.4		.1							1.5	6.7
W	.5	.8	1.1	.5		.3						3.2	8.9
WNW	.4	1.2	1.1	.8	.2	.1						3.9	8.7
NW	.1	1.0	1.8	2.9	.9	.4						7.1	12.2
NNW	.1	1.5	1.9	4.2	1.4	.6						9.8	12.6
VARIABLE													
CALM	////////////////////											3.7	////
TOTALS	4.2	21.0	26.9	29.5	10.2	4.4	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 7th-87
 MONTH: MAR HOURS(LST): 2100-2300

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	.5	3.5	3.8	5.9	2.9	1.1						17.7	11.8
NNE	.4	2.2	1.5	1.5	.3							5.9	8.4
NE	.3	1.5	1.4	.5	.4	.1						4.3	8.6
ENE	.2	1.9	.5									2.7	5.6
E	.4	1.4	1.1									2.9	6.1
ESE	.6	2.2	1.4	.3								4.5	6.3
SE	.3	1.1	1.6	2.5	.6	.5						6.7	11.6
SSE	.2	1.5	3.2	4.6	1.2	1.0						11.7	12.3
S	.5	3.3	3.2	3.8	.6							11.5	9.5
SSW	.1	.8	.8	.3	.1							2.9	8.1
SW		.3	.1									.4	6.3
WSW	.2	.9	.8									1.8	6.1
W	.1	1.8	1.6	.2		.2		.1				4.1	8.7
WNW	.3	1.2	1.0	.4	.1		.1					3.1	8.1
NW	.4	1.3	1.1	2.9	.5	.8						7.0	12.2
WNW	.2	1.7	2.5	2.0	1.5	.5	.1					8.6	11.9
VARIABLE													
CALM	////////////////////											4.9	////
TOTALS	5.1	26.6	25.5	25.1	8.4	4.7	.2	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAR FOURS (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	.4	2.4	4.2	5.1	3.1	1.7	.2	.7				16.7	12.8
NNE	.3	1.5	2.1	1.6	.3	.1						5.8	9.3
NE	.3	1.4	1.5	.7	.1	.7						4.7	6.2
ENE	.2	1.1	1.2	.4	.2	.7						7.1	8.3
E	.3	1.2	1.0	.4	.0							7.0	7.0
ESE	.3	1.5	1.6	.5	.1							5.9	7.3
SE	.2	.9	2.0	2.2	1.3	.4	.7					7.0	12.7
SSE	.1	1.1	2.2	3.8	2.1	1.3	.1					12.7	14.0
S	.4	2.4	3.9	3.5	.8	.7	.1					11.3	10.1
SSW	.1	.8	.9	.3	.1							2.2	7.8
SW	.2	.7	.5	.4	.7							1.8	7.5
WSW	.1	.7	.8	.4	.0							1.9	7.9
W	.2	1.2	1.4	.8	.1	.1	.1	.1				3.8	9.4
WNW	.3	.8	.9	1.0	.4	.1	.7					3.5	10.8
NW	.2	1.0	1.5	2.1	.7	.4						6.7	11.6
NNW	.2	1.6	2.6	3.5	1.8	1.7	.1	.1				11.7	13.1
VARIABLE													
CALM	////////////////////											4.4	////
TOTALS	3.8	20.3	28.0	20.6	11.3	5.2	.5	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS: 7440

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: APR HOURS (LST): 0000-0200

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	.4	3.0	3.8	3.9	1.4	1.1						13.7	11.4
NNE		1.9	2.7	2.1	.1							6.8	9.0
NE	.8	1.4	1.9	1.1								5.2	7.4
ENE	.1	1.6	2.3	.4								4.4	7.5
E	.2	1.4	1.1	.2								3.7	6.3
ESE		2.8	2.7	.8								6.2	7.3
SE	.1	1.2	3.2	1.4	.6	.1						6.7	10.0
SSE	.2	1.8	3.9	3.1	.9	.9						10.8	11.4
S	.3	3.2	3.2	1.4	.2							8.4	8.0
SSW		1.0	2.0	.4								3.4	7.9
SW	.1	.9	.4									1.4	5.5
WSW	.2	.9	1.0									2.1	5.9
W	.6	1.6	.6	.8								3.4	7.3
WNW	.1	1.7	1.3	1.0	.2							3.7	8.9
NW	.2	1.4	1.9	1.6	.6	.4						6.1	10.9
NNW		1.4	3.2	2.7	.9	.7		.3				9.1	11.6
VARIABLE													
CALM	////////////////////											5.4	////
TOTALS	3.4	26.9	35.2	21.0	4.9	2.8		.3				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: APR HOURS(LST): 0700-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	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	.4	3.2	5.0	3.7	1.2	1.3	.1					15.0	11.1
NNE	.4	1.4	1.9	2.4	.2							6.4	9.5
NE	.1	1.6	.9	1.0								3.6	7.7
ENE	.1	1.1	2.4	.8	.1							4.6	8.3
E	.2	1.2	1.6	.9								3.9	8.1
ESE	.3	1.7	1.6	.9								4.4	7.4
SE	.1	1.1	2.3	2.9	.4	.1						7.0	10.6
SSE	.1	2.0	4.7	3.7	.8	.9						12.1	11.1
S	.6	3.9	3.0	1.3								8.8	7.1
SSW		1.1	.6	.2								1.9	6.6
SW	.2	1.1	.3	.1								1.2	6.3
WSW		1.2	.9	.2								2.3	7.3
W	.1	1.2	1.6	.6								3.4	8.0
WNW	.1	1.1	1.3	.6	.2	.1						3.4	9.8
NW	.3	1.2	2.6	1.6	.8		.1	.1				6.7	10.7
NNW	.4	2.9	2.6	1.9	1.3	.1		.1				9.3	10.1
VARIABLE													
CALM	////////////////////											5.3	////
TOTALS	3.7	27.1	33.1	22.7	5.1	2.6	.2	.2				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: APR HOURS(LOCAL): 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	.6	2.6	3.6	4.0	2.1	1.2	.9					14.4	12.7
NNE	.2	.6	2.1	2.6	.2							5.7	10.6
NE	.1	1.1	1.4	1.7	.1							4.4	9.2
ENE	.4	.3	2.0	.7	.2							3.7	8.8
E	.3	1.0	1.6	1.2								4.1	6.6
ESE	.8	1.2	1.7	1.2								4.9	7.9
SE	.3	1.6	3.1	3.0	.4							8.4	10.2
SSE	.1	1.7	2.6	3.6	1.7	1.2	.1					10.9	13.1
S		4.3	3.2	1.6	.1							7.2	7.6
SSW		.8	.8	.6								2.1	8.2
SW	.9	.9	.9									2.6	5.3
WSW	.2	.2	.6	.4		.1						1.6	9.1
W	.2	1.0	1.6	.9	.2	.1						4.0	9.3
WNW	.2	.4	1.4	1.1		.1						2.3	6.4
NW	.3	1.3	2.8	1.1	.3	.1	.1	.1				6.2	10.3
NNW	.3	1.4	2.6	3.6	1.1	.1	.3					9.4	12.0
VARIABLE													
CALM	////////////////////											5.0	////
TOTALS	5.1	20.3	31.8	27.1	6.6	3.0	1.0	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 900

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 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	.7	1.4	2.3	6.3	3.4	1.7	.4					15.9	14.0
NNE	.1	.3	2.7	2.4	1.0							6.6	11.6
NE		1.1	2.1	1.7	.6							5.4	10.1
ENE		.8	1.3	1.2	.1							3.4	9.7
E	.1	.6	.7	1.8	.1							3.2	10.7
ESE	.1	.7	1.3	.6								2.7	8.4
SE	.7	.9	2.7	3.4	.7		.1					8.1	11.2
SSE		.8	2.1	3.7	2.0	1.6	.1					10.2	14.8
S	.3	1.6	3.4	4.3	1.9	.4	.1					12.1	17.2
SSW		1.0	.6	.9	.3	.1	.1					3.0	11.7
SW	.1	.6	.3	.1	.1							1.2	7.8
WSW	.2	.9	.4	.7								2.2	8.0
W	.6	.6	.8	1.3	.4	.3						4.0	11.4
WNW	.2	.8	.3	1.0	.7	.1	.2					3.3	12.8
WL		1.0	2.1	1.8	1.2	.6	.1	.1				6.9	13.6
NNW		1.1	2.2	3.9	1.8	.1	.7					9.8	13.4
VARIABLE	////////////////////////////////////											1.9	////
TOTALS	2.8	14.0	25.4	35.1	14.3	4.4	1.9	.1				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS: 900

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 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		1.0	2.1	6.3	4.8	1.6	.7					16.4	15.5
NNE		.0	2.9	7.7	.3							7.8	15.8
NE		.1	2.3	2.4	.4							5.3	11.3
ENE	.1	.3	1.8	1.1	.1							3.4	5.7
E	.6	.8	1.3	1.1	.1	.1						4.0	6.9
ESE		.3	.7	.8								1.8	4.8
SE	.1	.6	1.4	3.9	.8	.1						7.1	17.7
SSE	.1	.2	.8	4.4	2.6	1.7						9.8	21.1
S	.1	.3	1.4	3.7	2.2	.6	.2					9.1	24.2
SSW	.3	.3	1.0	1.3	.7	.7	.1					4.1	10.8
SW	.1	.4	.3	.6	.3	.1						1.7	11.4
WSW	.2	.4	.4	.7	.4							2.7	10.5
W	.1	.4	1.2	1.0	.2	.6						3.6	12.5
WNW		.4	1.0	2.0	1.2	.7						4.9	15.6
NW	.2	1.0	1.8	2.6	1.2	.8	.2	.1				6.0	17.4
NNW	.1	1.0	1.8	3.8	1.9	.7	.6	.1				9.9	14.5
VARIABLE													
CALM	////////////////////											.8	////
TOTALS	2.2	9.3	22.3	39.3	17.3	6.7	1.8	.2				100.0	13.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: APR 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	1.7	2.4	6.6	4.4	2.1	.2					17.6	14.7
NNE	.2	1.1	1.8	5.0	.7	.1						8.9	11.7
NE		.6	2.8	3.3								6.7	10.4
NNE		.7	1.6	1.8	.1							4.1	10.5
E	.2	.9	1.2	.7								3.0	7.6
ESE		.3	.9	.7								1.9	9.6
SE	.2	.2	2.9	3.1	1.0	.1						7.6	12.0
SSE	.1	.8	1.3	3.7	2.3	.9						9.0	14.4
S	.2	.9	2.6	2.0	2.3	.9						8.9	13.4
SSW	.3	.2	.8	1.0	.7	.1						3.1	12.2
SW		.7	.3	1.0	.6	.1						2.3	13.1
WSW	.1	.7	.8	.6								2.1	8.5
W		.7	.7	1.4	1.1	.2						4.1	13.8
WNW	.2	.4	1.6	1.4	.8	.2	.1					4.8	12.4
W		.9	1.1	1.8	.9	.4	.1					5.2	12.9
NNW	.1	.6	1.3	4.0	1.9	1.7	.3	.1				9.7	15.5
VARIABLE													
CALM	////////////////////											1.1	////
TOTALS	1.9	10.9	24.0	38.0	16.8	6.4	.8	.1				100.0	12.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7A-87
 MONTH: APR HOURS (LST): 1800-2000

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	4.8	5.0	3.0	.8	.3	.1				16.8	12.5
NNE	.2	1.2	3.3	2.9	.2	.1						9.7	10.1
NE	.3	2.2	2.9	2.2	.1							7.8	8.6
ENE	.1	1.7	2.9	.9								5.6	7.7
E	.2	1.3	1.8	.9	.1							4.3	8.3
ESE	.1	1.2	1.3	.9								2.5	8.4
SE	.2	.9	2.9	3.9	.6	.2						8.7	11.1
SSE	.1	.9	2.0	3.7	1.7	.1						8.4	12.4
S	.4	1.9	3.4	2.0	.6							8.3	9.1
SSW	.2	.2	.8	.2	.2							1.7	9.1
SW	.3	.7	.1	.6	.2							1.9	8.7
WSW	.2	.6	.6	.2								1.6	7.1
W	.1	.8	.4	.9	.4	.1						2.8	11.2
WNW	.3	.2	1.0	1.0	.7							3.2	11.0
NW	.1	1.4	1.9	1.8	.7							5.9	10.2
NNW	.1	1.0	2.1	2.9	1.7	.8		.2				8.8	14.7
VARIABLE													
CALM	////////////////////											2.8	////
TOTALS	3.9	18.7	52.2	29.9	10.1	2.1	.3	.3				107.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7A-87
 MONTH: APR HOURS(UTST): 2100-2300

DIRECTION (DFGPESE)	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	2.8	3.8	5.0	2.2	.4	.2					14.8	11.9
NNE	.4	.9	3.2	1.7								6.2	8.6
NE	.4	1.8	2.3	.7								5.2	7.3
ENE	1.0	2.4	1.4	1.3								6.2	7.3
E	.3	2.4	2.3	1.0								6.1	7.1
ESE	.4	2.1	1.1	.6								4.2	6.8
SE	.2	2.4	2.6	2.8	.6	.3						8.9	10.3
SSE	.4	2.1	2.4	4.6	.8	.3						10.7	10.8
S	.3	1.9	2.4	2.4	1.0							8.1	9.9
SSW	.3	.7	1.0	.2	.1							2.3	7.4
SW	.1	.6	.6									1.2	6.1
WSW	.1	.6										.7	5.0
W	.1	1.1	1.0	.8	.4							3.4	9.6
WNW	.1	.1	1.4	1.0	.2							1.3	9.9
NW	.2	1.4	1.2	1.1	.2							4.2	8.6
NNW	.6	1.9	2.9	2.6	.7	.4		.7				9.3	11.5
VARIABLE	////////////////////////////////////											5.0	////
TOTALS	5.6	25.7	29.8	25.7	6.2	1.4	.2	.3				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 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	41-47	48-55			GE 56
N	.4	2.2	3.5	5.1	2.9	1.2	.3	.0				15.6	13.1
NNE	.2	1.0	2.6	3.8	.3	.0						7.0	10.3
NE	.2	1.2	2.1	1.8	.2							5.5	9.1
ENE	.2	1.1	2.0	1.0	.1							4.4	8.5
E	.3	1.2	1.4	1.0	.0	.0						4.7	8.2
ESE	.2	1.3	1.4	.8								3.7	7.9
SE	.2	1.1	2.6	3.1	.6	.1	.0					7.9	10.9
SSE	.2	1.3	2.5	3.6	1.6	.9	.0					10.2	12.9
S	.3	2.3	2.8	2.3	1.0	.2	.0					9.1	10.3
SSW	.2	.7	.9	.6	.2	.1	.0					2.7	9.9
SW	.2	.7	.4	.3	.2	.0						1.8	6.3
WSW	.2	.7	.6	.3	.1	.0						1.8	7.9
W	.2	.9	1.0	1.0	.4	.2						3.6	10.4
WNW	.2	.6	1.2	1.1	.5	.1	.0					3.7	11.0
NW	.2	1.2	1.9	1.7	.7	.3	.1	.1				6.2	11.5
NNW	.2	1.5	2.3	3.2	1.4	.5	.2	.2				9.4	12.8
VARIABLE													
CALM	////////////////////											3.4	////
TOTALS	3.6	19.1	29.2	29.8	10.2	3.7	.8	.2				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAY HOURS (LST): 0000-0200

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	2.9	1.7	3.0	1.4	.1						10.0	10.1
NNE	.2	1.3	1.7	.8	.1							4.1	8.1
NE	.4	1.4	1.0	1.1	.1							4.0	8.0
ENE	.6	2.0	1.5	.6								4.8	6.9
E	.5	3.7	2.8	1.0								7.6	7.1
ESE	.8	1.8	1.6	.5								4.7	6.7
SE	.2	3.0	3.9	2.7	.4	.7						10.4	9.5
SSE	.5	1.7	3.5	3.2	1.2	.5						10.8	11.0
S	.3	3.9	4.7	3.8		.1						12.8	8.8
SSW	.1	.9	.8	.2								1.9	6.9
SW	.5	1.7	.5	.2	.1	.2						3.3	7.1
WSW		.9	1.3		.1							2.3	7.5
W	.2	1.3	1.3	.1								2.9	6.7
WNW	.3	.9	.6	.5								2.4	7.6
NW	.2	1.5	1.3	1.0	.2							4.2	8.3
NNW	.2	1.6	1.9	2.4	1.0							7.1	10.4
VARIABLE													
CALM	////////////////////											6.7	////
TOTALS	6.1	30.1	30.2	21.1	4.6	1.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 79-87
 MONTH: MAY HOURS (LST): 0300-0500

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	.4	2.7	2.2	3.5	.8	.2	.1					9.9	10.4
NNE	1.1	1.4	1.5	.5	.2							4.7	7.5
NE	.5	.9	.6	1.1								3.0	7.8
ENE	.4	1.9	1.7	.4								4.5	6.8
E	.8	2.2	1.6	.9								5.4	6.9
ESE	1.2	2.0	1.4	.6	.1							6.1	6.4
SE	.1	1.4	3.5	1.7	.8							7.5	9.8
SSE	.2	2.7	3.9	4.7	1.3	.5						13.3	11.0
S	.2	5.2	4.7	1.9	.3							12.5	7.8
SSW	.2	1.0	1.1	.3								3.4	6.5
SW	.2	1.0	.5	.1	.1							1.9	6.5
WSW		.7	.8		.1	.1						1.3	10.0
W	.3	1.2	.9	.5	.1							3.0	7.8
WNN	.2	1.1	.8	.4								2.5	7.2
NW	.3	1.4	1.5	.9		.1						4.2	8.1
NNW	.5	1.4	1.9	2.6	1.3	.5						8.5	10.8
VARIABLE													
CALM	////////////////////											8.2	////
TOTALS	6.8	29.7	28.6	20.3	5.1	1.3	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DGR/PTS)	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	3.1	4.2	1.2	.2						11.1	11.1
NNE	.1	.6	2.4	1.1		.2						4.4	9.5
NE	.2	1.5	1.5	1.0								4.2	7.9
ENE	.3	1.8	1.1	.3								3.5	6.8
E	.8	1.5	1.0	1.1								4.4	7.1
ESE	.1	1.2	1.8	1.0								4.1	8.3
SE	.2	2.7	4.3	2.5	.2	.1						9.4	9.7
SSE	.3	2.0	2.8	4.9	1.3	.5						17.0	11.6
S	.2	3.4	5.9	4.0	.4	.1						14.1	9.4
SSW	.6	.5	1.3	.3								2.9	6.7
SW	.2	.9	.4	1.0	.1							2.6	6.8
WSW	.1	.5	.5	.4	.1							1.7	9.5
W	.3	1.0	1.0	.8	.1	.1						3.2	9.7
WNW	.2	.6	.8	1.6	.5							3.6	10.9
NW	.1	.9	1.1	1.1	.2							3.3	9.4
NNW	.3	1.6	2.4	2.5	1.7	.1						9.6	11.4
VARIABLE	////////////////////////////////////											6.9	////
TOTALS	4.2	22.6	31.3	27.6	5.9	1.5						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS/UST: 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	1.7	2.7	4.9	1.9	.4						11.9	12.2
NNE	.1	1.0	2.7	7.0	.1	.1						6.0	10.1
NE		.9	1.4	1.1								3.3	8.9
ENE	.2	.9	1.5	1.1	.1							3.8	8.5
E	.3	1.0	1.6	.8								3.7	7.7
ESE		.8	1.8	1.4								4.0	9.3
SE	.1	1.2	2.8	2.6	.4		.1					7.2	10.5
SSE	.4	1.0	3.1	5.7	2.6	.8	.1					13.7	13.3
S	.2	1.8	2.3	5.2	3.0	.5						13.0	12.8
SSW	.1	1.2	1.4	1.2	.8							4.6	10.6
SW	.2	1.3	.3	.4	.1	.1						2.7	9.5
WSW	.5	1.2	.6	1.1	.1							3.5	8.1
W		1.3	.9	1.0	.4	.2						3.8	10.4
WNW		1.0	.4	2.3	.4							4.5	11.2
NW	.3	.2	1.8	1.7	.6	.2						4.9	11.6
NNW	.1	.9	1.6	7.9	1.6	.3						7.4	12.8
VARIABLE													
CALM	////////////////////											1.9	////
TOTALS	2.9	17.1	27.4	35.3	12.3	2.9	.2					107.0	11.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 70-87
MONTH: MAY 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	.1	1.3	3.3	2.9	2.4	.9						10.9	12.8
NNE		.8	1.4	3.1	.4							5.7	11.2
NE	.3	1.6	1.6	1.5	.5	.2						5.4	9.9
ENE	.4	1.1	1.3	1.4	.1							4.3	8.5
E	.2	1.4	2.0	1.5	.1							5.3	8.6
ESE	.2	1.0	2.3	1.3								4.7	8.8
SE	.1	.8	1.8	2.8	.6		.7					6.3	11.9
SSE		1.6	1.9	3.0	2.2	.9	.1					9.6	13.4
S	.1	1.4	2.6	4.4	4.1	1.2	.3					14.1	14.5
SSW	.3	.5	1.1	1.1	.4	.2	.1					3.9	11.5
SW	.4	.7	1.3	1.5	.3							4.1	9.7
WSW		.6	.4	.4	.5	.2						2.3	11.9
W	.3	.4	.9	1.1	.4							3.1	10.4
WNW		1.0	.9	1.2	1.3	.3	.1					4.7	13.5
NW		1.1	1.5	2.5	1.0	.7						6.3	12.3
NNW	.1	.8	2.5	2.7	1.3	.8						8.1	12.9
VARIABLE													
CALM	////////////////////											1.0	////
TOTALS	2.7	15.7	26.8	32.4	15.7	4.9	.9					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAY HOURS(UT): 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			GE 56
N	.2	1.0	2.9	6.2	1.8	1.0						13.1	13.3
NNE		1.1	1.7	2.3	.4	.1						5.6	11.0
NF	.1	1.0	2.4	1.0	.2							4.6	9.1
ENE		1.2	2.4	1.3								4.8	6.3
E		1.3	2.5	1.0								4.7	8.4
ESE		1.5	2.6	1.4	.1							5.6	6.0
SE		1.2	1.8	1.8	.5	.1	.1					5.6	11.1
SSE	.1	1.4	1.0	4.2	2.3	.7	.2					9.5	13.8
S	.3	1.4	1.9	3.8	3.1	1.4	.1					12.0	14.1
SSW	.1	1.0	.9	1.7	.6	.1	.2					4.6	12.4
SW		1.0	1.1	1.2	.7							5.4	9.6
WSW		.5	.2	1.3	.6	.7						3.0	12.9
W		.8	1.1	1.3	.3		.1					3.5	10.7
WNW		.7	1.1	2.4	.6	.4						4.7	13.7
W	.1	.5	1.7	2.3	1.3	.1	.1	.1				6.2	13.4
WNW	.3	.6	1.5	2.4	1.4	.9						7.1	13.4
VARIABLE													
CALM	////////////////////											1.7	////
TOTALS	1.3	15.6	26.8	31.4	13.7	4.6	.9	.1				107.0	11.8

TOTAL NUMBER OF OBSERVATIONS: 910

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAY HOURS(LOCAL): 1800-2400

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	4.5	4.9	2.4	.5						13.9	12.3
NNE	.3	.8	1.3	1.5	.5	.1						4.5	10.6
NL	.4	2.5	3.9	1.5								8.3	8.0
ENE	.2	1.7	2.9	.4								5.3	7.5
E	.4	3.2	3.1	.9								7.7	6.9
ESE	.4	2.5	2.3	.8								5.9	7.0
SE	.2	1.7	2.5	1.7	.4	.2	.1					6.9	10.1
SSE	.1	1.1	2.6	3.9	1.5	.3	.1					9.6	12.3
S	.3	1.3	2.5	3.8	1.9	.2						10.0	12.2
SSW	.2	.6	1.3	.8								2.9	8.8
SW	.1	.6	.8	.4	.3	.1						2.4	10.8
WSW	.2	.7	.5	.6	.1							1.9	9.9
W	.1	.8	.9	.8	.1	.1						2.7	9.5
WNW	.1	.2	.5	1.5	.6							3.0	12.3
NW	.1	1.2	2.0	2.4	.8	.1						6.6	11.1
NNW		.8	2.0	1.4	.9	.5						5.6	11.8
VARIABLE													
CALM	////////////////////											2.8	////
TOTALS	3.3	20.9	33.7	27.2	9.6	2.7	.2					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 947

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAY HOURS(LST): 2100-2300

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	.3	2.6	3.1	4.0	1.1	.5						11.7	11.0
NNE	.1	2.8	1.3	.5	.4							5.2	7.7
NE	.3	1.2	1.6	1.1								4.2	8.1
ENE	.5	4.2	2.4	.6								7.8	6.6
E	.6	4.2	2.0	.6								7.6	6.7
ESE	1.0	3.1	1.6	.9	.1							6.7	6.9
SE	.1	2.7	4.3	1.7	.3	.3						9.5	9.2
SSE	.1	1.8	2.5	4.0	1.1	.2						9.7	11.2
S	.4	2.8	3.8	3.3		.1						10.5	9.0
SSW	.1	.5	1.1	.2		.1						2.0	8.3
SW	.1	1.3	.6		.1	.1						2.3	7.7
WSW	.2	.9	.9	.1								2.0	6.5
W		1.0	.6	.3								1.9	7.6
WNW	.2	.7	1.5	.2								2.3	8.0
W	.4	2.2	1.1	1.5	.3		.1					5.6	8.9
NNW	.1	1.4	1.7	1.6	.4	.1						5.5	10.0
VARIABLE													
CALM	////////////////////											5.6	////
TOTALS	4.7	33.1	30.2	20.8	3.9	1.5	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

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

DIRECTION (DIRECTION)	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	1.0	2.6	4.2	1.6	.5	.0					11.6	11.7
NNE	.2	1.2	1.7	1.5	.3	.1						5.0	9.6
NE	.3	1.7	1.7	1.2	.1	.0						4.7	8.5
ENE	.3	1.9	1.8	.8	.0							4.9	7.5
E	.5	2.3	2.1	1.0	.0							5.9	7.3
ESE	.5	1.8	1.9	1.0	.0							5.2	7.6
SE	.1	1.7	3.1	2.2	.5	.1	.1					7.9	10.0
SSE	.2	1.7	2.7	4.2	1.7	.5	.1					11.0	12.2
S	.3	2.7	3.6	3.8	1.6	.5	.1					12.4	11.1
SSW	.2	.9	1.1	.7	.2	.1	.0					3.3	4.5
SW	.2	1.0	.7	.6	.2	.1						2.8	4.8
WSW	.1	.7	.7	.5	.2	.1						2.2	4.6
W	.2	1.0	.9	.7	.2	.1	.0					3.7	5.2
WNW	.1	.7	.9	1.3	.4	.1	.0					3.5	11.2
NW	.2	1.1	1.5	1.7	.6	.1	.0	.0				5.2	10.7
NNW	.2	1.2	2.0	2.3	1.2	.4						7.2	11.7
VARIABLE	////////////////////////////////////											4.3	////
CALM	////////////////////////////////////											4.3	////
TOTALS	4.0	23.1	29.4	27.5	6.8	2.5	.3	.2				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 7434

GLOBAL CLIMATOLOGY BRANCH
 LSAFETAC
 AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 0000-0200

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	2.3	2.1	2.0	.4							7.6	8.7
NNE	.3	1.1	1.3	.7	.1							3.6	7.6
NE	.1	1.0	.7	.3								2.1	7.1
NNE	.3	1.9	.9	.1								3.2	5.9
E		2.2	1.8	.2								4.2	6.5
ESE	.2	2.2	1.9	.6								5.9	8.5
SE		2.4	1.7	3.1	.4	.2						7.9	10.2
SSE	.9	1.8	3.6	5.2	1.2							12.9	10.9
S	.4	5.6	5.3	1.8		.2						13.7	7.7
SSW	.2	2.2	1.1	.3								3.9	6.2
SW	.4	1.9	1.6	.4								4.3	6.4
WSW	.2	1.4	1.3	.4	.1							3.6	7.5
W		1.3	1.9	.2		.1						3.6	7.9
WNW	.3	1.4	1.6	1.2								4.9	7.9
NW	.2	1.1	2.6	.9	.3							5.6	8.6
NNW	.2	.9	2.3	1.4	.1							5.0	9.4
VARIABLE													
CALM	////////////////////											8.2	////
TOTALS	5.0	32.7	31.8	14.0	2.8	.6						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 570

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 0700-0500

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	2.2	2.3	1.6	.3							6.8	6.8
NNE	.3	1.6	1.1	.6								3.6	7.4
NEL	.3	1.3	.6	.4								2.7	6.4
ENE	.4	.8	.2	.2								1.7	5.9
E	.6	2.0	1.4	.6								4.6	6.8
ESE	.6	2.8	1.3	.7	.1							5.4	6.7
SE	.8	1.9	2.3	2.6	.3							7.9	9.1
SSE	.2	2.4	4.3	5.6	1.6							14.1	10.7
S	1.0	3.8	5.3	1.7								11.8	7.3
SSW	.4	1.7	.9	.4								3.4	6.5
SW	.9	1.6	1.7	.2								4.3	6.7
WSW	.4	1.7	.3	.8								2.9	7.1
W	.2	2.3	1.9	.3	.2							5.0	7.0
WNW	.3	2.1	2.1	.8	.6	.1						6.0	8.5
NW	.4	1.4	2.0	1.4								5.3	8.2
NNW	.6	1.9	2.0	1.2								5.7	7.5
VARIABLE													
CALM	////////////////////											8.9	////
TOTALS	7.9	31.1	29.9	19.0	3.1	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

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	.2	2.2	3.7	2.2	.8							9.1	9.4
NNF	.1	1.1	1.9	1.2								4.3	6.9
NE	.7	1.1	1.1	.4								3.3	6.7
ENE	.4	1.1	1.0	.3								2.9	6.7
E	.4	1.8	1.1	.1		.1						3.6	6.8
ESE	.2	1.4	1.2	.7	.1							3.7	8.0
SE	.1	2.0	3.7	2.3	.2							8.3	9.4
SSE	.3	1.3	3.9	5.3	.9	.3						12.1	11.3
S	.6	2.2	4.8	3.4	.2	.1						11.3	9.4
SSW	.1	1.1	1.8	.7								3.7	8.1
SW	.1	.9	1.8	.3								3.1	6.0
WSW	.3	.8	2.1	.8								4.0	9.1
W	.8	1.9	2.0	1.3	.3							6.3	8.1
WNW	.1	.9	2.2	1.7	.3	.1						5.3	10.2
NW	.2	.8	1.8	2.6	.3							5.7	10.6
NNW	.7	2.2	3.0	1.9	.2							7.6	8.8
VARIABLE													
CALM	////////////////////											5.7	////
TOTALS	5.0	22.9	37.0	25.3	3.4	.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 900

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: 727530 STATION NAME: HELICOP FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUN 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	.3	1.1	2.7	4.8	.6							9.4	10.7
NNE		1.0	1.8	1.1	.3							4.2	9.7
NE		1.8	2.1	1.6								5.4	8.6
ENE	.2	1.1	1.6	.6								3.4	7.5
E	.1	.7	1.3		.2							2.3	6.2
ESE	.1	.7	1.3	.9	.1	.1						3.2	9.7
SE	.1	.9	2.2	2.6	.3	.3						6.3	10.9
SSE	.1	1.0	3.1	5.7	1.8	.7						12.3	12.7
S	.4	1.1	4.0	5.2	1.7	.1	.1					12.7	11.5
SSW	.3	.9	.9	1.4	.3	.1						4.0	10.3
SW	.1	.7	1.1	1.0								2.9	9.0
WSW	.1	.6	1.2	1.2	.3	.1						3.6	10.6
W	.1	1.1	2.3	2.1	.7	.2						6.6	10.7
WNW	.1	.4	1.1	2.7	.7	.1						5.1	12.4
NW	.2	.7	2.7	3.8	.9	.2						9.4	12.1
NNW		.8	2.9	3.9	.9	.1						8.6	11.8
VARIABLE													
CALM	////////////////////											1.4	////
TOTALS	2.4	14.3	32.3	34.4	8.8	2.1	.1					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUN 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	2.6	3.8	.9							9.2	11.0
NNE	.1	1.3	2.2	1.0	.2							4.9	8.9
NE		.4	1.8	1.0	.1							3.3	9.6
ENE	.2	.6	1.0	.9								2.7	8.8
E	.1	.7	1.8	.7								3.2	8.3
ESE	.1	.8	2.1	.6								3.6	8.0
SE	.1	1.3	2.1	2.4	1.0	.2						7.2	11.4
SSE		.2	2.0	4.3	2.6	.7						9.8	14.4
S	.1	1.2	3.7	4.3	2.9	.1						12.3	12.3
SSW		.4	1.4	.7	.1	.1						2.8	10.5
SW		1.1	1.1	1.3	.2							3.8	9.6
WSW		.4	2.0	.7	.2							3.3	9.5
W	.2	1.1	2.1	1.9	1.3	.3	.1					7.1	12.5
WNW	.1	.4	1.1	3.8	1.0	.3						6.8	13.1
NW		.9	1.9	4.0	2.8	.3						9.9	13.5
NNW	.2	.7	2.6	4.8	1.3	.2						9.8	12.4
VARIABLE													
CALM	////////////////////											.3	////
TOTALS	1.3	13.7	31.4	36.1	14.7	2.3	.1					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUN 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		
N	.1	1.3	3.1	5.1	1.0			10.7	11.1
NNE	.2	.4	1.3	2.0				4.0	9.8
NE	.1	1.2	1.1	1.4	.2			4.1	9.3
NNE		.8	.9	.1				1.8	6.9
E	.1	1.3	1.4	.6	.1			3.8	8.5
ESE	.1	1.2	1.0	.3				2.7	7.5
SE	.1	.9	2.6	2.3	.2			6.1	10.1
SSE	.1	.8	2.2	5.2	1.3	.7		10.3	13.1
S		.7	2.9	4.1	2.7	.3		10.7	13.5
SSW		.3	1.0	1.1	.3	.1		2.9	12.0
SW	.1	.9	1.7	1.7	.1			4.4	9.6
WSW		.4	1.6	1.1				3.1	10.1
W	.2	1.0	1.3	2.7	.4	.1		5.8	11.1
WNW	.1	.8	1.7	3.1	1.9	.3		7.9	13.2
NW	.2	.8	2.4	5.0	2.2	.6		11.2	13.4
NNW		.7	3.8	4.4	.8	.3		10.0	12.1
VARIABLE									
CALM	////////////////////							.6	////
TOTALS	1.6	13.6	30.0	40.6	11.3	2.4		100.0	11.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUNE RANGE (LEST): 1900-2000

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	2.0	4.1	4.1	.8	.3						11.4	10.6
NNE	.3	1.6	2.1	1.0	.2							5.2	8.3
NE	.1	2.8	2.2	.7	.1							5.9	7.0
ENE	.4	.8	.8	.2								2.2	6.3
E		2.1	2.0	1.0								5.1	7.7
ESE	.1	1.0	2.7	.4								4.2	7.6
SE	.1	1.1	3.0	3.6	.1							7.9	10.1
SSE	.2	.7	3.0	4.2	.7	.2						9.0	11.6
S		1.7	2.9	3.0	.7	.7						9.4	10.7
SSW	.2	1.0	1.3	.6								3.1	7.5
SW	.2	1.3	1.0	.6	.2							3.3	8.3
WSW	.3	.9	.9	1.1								3.2	8.2
W	.2	1.7	1.2	1.0	.2	.7						4.6	9.0
WNW	.2	1.4	1.7	1.4	1.1	.2	.1					6.2	11.3
NW		1.6	3.2	3.7	1.1	.1						9.7	10.9
NNW		1.6	3.8	2.9	.3							9.6	9.8
VARIABLE													
CALM	////////////////////											1.9	////
TOTALS	2.7	23.1	35.9	29.4	5.6	1.3	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 2100-2300

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	.1	3.7	2.6	2.3	.2							9.9	8.4
NNE	.2	2.8	1.2	.4								4.7	6.5
NE	.3	2.6	1.2	.4								4.6	6.4
ENE	.3	2.9	.6	.1	.1							4.0	5.9
E	.7	2.7	1.3	.3								5.0	6.1
ESE		3.0	1.9	.6								5.4	6.8
SE	.3	2.1	4.3	4.2	.2							11.2	9.6
SSE	.3	1.8	3.7	2.9	.7							9.3	9.9
S	.7	3.0	3.3	2.0	.1							9.1	9.0
SSW		2.2	1.3									3.6	6.3
SW	.1	2.9	.8	.1								3.9	5.6
WSW	.2	2.3	.9	.2								3.7	5.9
W	.8	2.2	1.3	.8	.1							5.2	7.0
WNW	.4	1.9	.7	.4								3.4	6.5
NW	.3	1.8	2.1	1.2	.4	.4						6.3	9.7
NNW	.1	1.7	1.1	1.7	.3							4.9	9.5
VARIABLE													
CALM	////////////////////											6.8	////
TOTALS	5.0	39.4	28.3	17.8	2.2	.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
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	.2	2.1	2.9	3.2	.6	.0						9.1	9.9
NNE	.2	1.4	1.6	1.0	.1							4.3	8.4
NE	.2	1.5	1.3	.8	.1							3.9	7.7
ENE	.3	1.2	.9	.3	.0							2.7	6.7
E	.2	1.7	1.5	.5	.0	.0						4.0	7.2
ESE	.2	1.8	1.7	.6	.0	.0						4.3	7.4
SE	.2	1.6	2.7	2.9	.4	.1						7.9	10.0
SSE	.3	1.2	3.2	4.8	1.3	.3						11.2	11.8
S	.4	2.4	4.0	3.2	1.0	.1	.0					11.2	10.0
SSW	.2	1.2	1.2	.7	.1	.0						3.4	8.3
SW	.2	1.4	1.3	.7	.1							3.9	7.8
WSW	.2	1.0	1.3	.8	.1	.0						3.4	8.4
W	.3	1.6	1.8	1.3	.4	.1	.0					5.6	9.4
WNW	.2	1.2	1.5	1.9	.7	.2	.0					5.7	10.8
NW	.2	1.2	2.3	2.8	1.0	.2						7.8	11.3
NNW	.2	1.3	2.7	2.8	.5	.1						7.5	10.5
VARIABLE													
CALM	////////////////////											4.2	////
TOTALS	3.9	23.0	32.1	28.2	6.5	1.2	.0					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS (LST): 0000-0200

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	.6	2.7	2.0	1.2								6.6	7.3
NNE	.5	.9	1.1	.1								2.6	6.1
NE	.2	1.1	1.0	.2								2.5	7.3
NNE	.5	1.9	.6	.1								3.2	5.4
E	.2	2.0	1.6	.3								4.2	6.7
ESE	.4	1.5	1.8	.2								4.0	6.7
SE	.1	1.7	3.1	3.9	.1							8.9	9.7
SSE	.6	2.7	5.5	7.0	.4							16.2	10.1
S	.9	5.1	6.0	2.8	.3							15.1	7.8
SSW	.3	2.3	.9									3.4	5.2
SW	.1	1.9	.5									2.6	5.0
WSW	.2	2.2	1.2									3.5	5.8
W	.3	2.0	1.0	.3					.1			3.8	7.6
WNW	.4	1.5	1.3	1.2	.2	.1	.1					4.8	9.2
NW	.6	2.2	2.2	.2								5.2	6.3
NNW	.5	2.3	1.4	.5	.2							4.9	7.2
VARIABLE												
CALM	////////////////////											8.5	////
TOTALS	6.8	33.9	31.2	19.1	1.3	.1	.1		.1			100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS (LST): 0300-0500

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	2.9	2.6	1.0	.1							7.3	7.0
NNE	.3	1.3	1.0	.2								2.8	6.7
NE	.5	1.1	.5									2.2	5.0
ENE	.8	.9	.5	.1								2.3	5.4
E	.3	1.7	.4	.5								3.0	6.5
ESE	.6	1.5	1.7	.4								4.3	6.7
SE	.2	1.5	1.9	3.4	.1							7.2	10.0
SSE	.9	3.9	5.7	8.7	.5	.2						14.4	10.1
S	.6	6.1	4.9	1.6	.3							13.7	7.2
SSW	.6	1.8	.9									3.3	5.2
SW	.3	2.2	1.0									3.4	5.6
WSW	.2	1.5	.4									2.2	5.5
W	.3	1.3	1.4	.3	.1							3.4	7.1
WNW	.1	2.7	1.5	.4	.2							4.9	7.0
NW	.5	2.4	1.1		.3							4.3	6.4
NNW	1.1	3.0	1.9	.9								6.9	6.7
VARIABLE													
CALM	////////////////////											8.9	////
TOTALS	8.3	35.7	27.5	17.6	1.7	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS (LST): 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	1.5	3.2	4.1	1.5		.1						10.4	7.4
NNE	.6	1.5	.9	.5								3.5	6.9
NE	.3	1.5	.5	.2								2.6	6.2
ENE	.2	1.1	1.1	.3								2.7	7.2
E		1.4	.8	.4								2.6	6.9
ESE	.3	2.3	1.8	.3								4.7	6.7
SE	.2	1.2	2.0	2.6	.2							6.2	9.9
SSE	.2	2.0	5.7	8.6	.5	.2						17.3	11.2
S	.6	5.1	6.6	3.4	.1							15.4	8.1
SSW	.4	1.4	.8	.3								2.9	6.4
SW		.9	1.1	.1	.1							2.2	9.0
WSW	.3	.7	.2	.6	.1							1.6	8.2
W	.5	1.1	.6	.5								2.8	6.9
WNW	.4	1.5	1.3	1.0	.1							4.3	7.8
NW	.5	2.7	2.4	1.7	.4							7.7	8.4
NNW	.1	3.1	2.6	1.3	.1							7.2	7.9
VARIABLE													
CALM	////////////////////											5.4	////
TOTALS	6.5	30.2	32.4	23.6	1.7	.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 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	.4	2.4	4.5	2.9								10.2	6.8
NNE	.2	1.1	2.7	.5	.1							4.6	8.3
NE	.2	1.1	1.7	.1	.1							3.2	7.1
ENE	.1	1.4	1.4	.3								3.2	6.9
E	.1	1.5	1.9	.4	.1							4.1	7.8
ESE	.2	1.3	1.1	.5								3.1	7.2
SE	.3	.9	2.3	2.3								5.7	9.5
SSE	.1	1.7	3.1	6.9	1.7	.3	.1					13.5	12.3
S	.3	2.3	5.9	6.6	1.3	.2						16.6	10.9
SSW	.3	1.0	1.6	1.1								4.0	8.2
SW	.3	.4	1.6	.5								2.9	8.1
WSW	.3	.5	1.3	1.1	.2							3.4	9.6
W	.4	2.2	1.6	1.5	.1							5.8	8.0
WNW		.5	1.6	1.0								3.1	8.7
NW	.4	1.6	1.9	2.0	.5							6.6	9.6
NNW	.7	1.6	2.6	2.8	1.5							8.8	10.9
VARIABLE													
CALM	////////////////////											1.1	////
TOTALS	4.2	21.0	36.5	31.5	5.7	.5	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 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	.5	1.7	3.7	3.2	.2							9.4	9.4
NNE	.2	1.3	2.0	.5	.1							4.2	7.9
NE	.4	1.6	1.7									3.7	6.0
ENE	.2	1.7	1.3	.2								3.4	6.5
E	.1	1.8	1.9	.4								4.3	7.0
ESE	.3	.8	2.2	.9								4.1	8.2
SE	.1	.5	2.3	2.0	.5							5.5	11.0
SSE	.3	1.1	2.7	6.2	2.0	.3	.1					12.8	12.7
S	.1	1.7	3.7	6.2	1.7	.7						13.8	11.9
SSW	.1	.4	1.3	1.6	.3							3.8	10.7
SW	.1	.6	1.6	1.0	.4							3.8	10.3
WSW		.5	1.2	.2								1.9	7.9
W	.2	1.9	2.0	2.2	.8			.1				7.2	13.6
WNW		1.2	2.5	1.3	.3							5.3	9.9
NW		1.0	2.0	3.2	.9							7.1	11.5
NNW		1.3	4.4	2.8	1.3							9.8	10.4
VARIABLE													
CALM	////////////////////											.1	////
TOTALS	2.8	19.1	36.5	32.0	8.6	.6	.1	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAL

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD 77-86
 MONTH: JUL HOURS(LST): 1500-1700

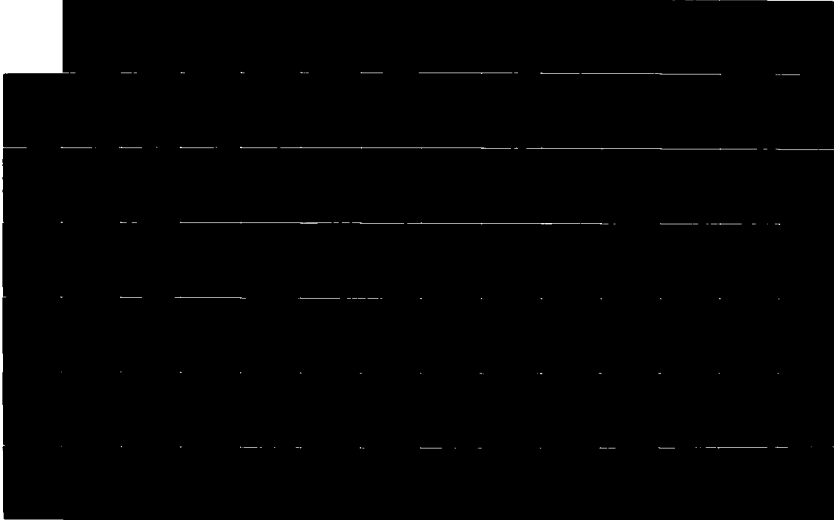
DIRECTION (DIRECTIONS)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.1	2.4	3.8	4.8	.5			12.0	10.0
NNE	.2	1.6	2.2	.5				4.5	7.5
NE	.3	1.6	1.5	.4				7.9	7.0
ENE	.3	2.0	1.2	.2				3.8	6.4
E	.1	1.5	1.3	.2				3.1	6.9
ESE	.7	.5	2.5	.6				4.0	8.2
SE	.2	.9	2.0	3.0	.8			6.9	11.0
SSE	.3	1.0	2.0	4.3	2.9	.6		11.2	17.4
S	.3	1.0	3.3	6.3	1.1	.4		12.5	11.9
SSW	.1	.3	1.4	1.3	.4	.1		3.7	11.1
SW	.1	1.2	1.5	1.1				4.0	9.0
WSW	.3	.8	1.2	.6	.2	.1		3.2	7.0
W	.1	1.2	1.8	1.9	.8	.1		5.9	11.0
WNW	.1	1.1	1.4	2.6	.3			5.5	11.0
NW	.1	1.0	2.8	2.9	.6	.2		7.2	11.0
NNW		1.3	2.2	3.4	.5			7.4	11.0
VARIABLE	////////////////////////////////////								
CALM	////////////////////////////////////								
TOTALS	3.1	19.6	32.0	34.4	8.2	1.0		100.0	

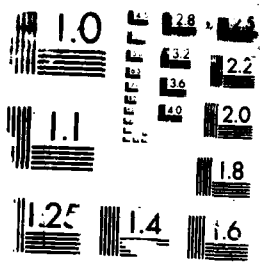
TOTAL NUMBER OF OBSERVATIONS: 930

AD-A188 320

VECTOR FIELD FARGO NORTH DAKOTA REVISED UNIFORM SUMMARY 2/4
OF SURFACE WEATHER (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB DEC 87
USAFETAC/DS-87/081 F/G 4/2 ML

UNCLASSIFIED





RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS(LST): 1800-2000

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	.6	3.1	4.1	2.6	.3							10.8	8.3
NNE	.5	3.8	1.6	.6	.2							6.8	6.8
NE	.3	3.4	1.7	.3	.1							5.9	6.4
ENE	.5	2.9	1.7	.2								5.4	6.3
E	.2	1.3	2.8	.2	.1							4.6	7.5
ESE	.4	1.0	2.2	.5								4.1	7.3
SE		.6	3.9	3.0	.2							7.7	10.2
SSE		1.7	3.3	5.2	1.6	.1						11.9	11.8
S		1.8	5.1	3.9	.5							11.3	10.1
SSW	.1	1.0	1.4	.6	.1							3.2	8.2
SW	.1	1.6	.9	.6	.1							3.3	7.7
WSW	.4	.9	.4	.4								2.2	6.7
W	.1	1.3	1.3	.6	.5	.1						4.0	9.4
WNW	.2	1.7	1.3	1.2	.2							4.6	8.7
NW	.2	1.8	2.4	2.2	.1	.1						6.8	9.3
NNW		.8	2.8	1.5	.2	.1						5.4	9.8
VARIABLE													
CALM	////////////////////											2.0	////
TOTALS	3.9	28.7	36.8	23.8	4.4	.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS(LST): 2100-2300

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	.8	3.7	1.7	1.4								7.5	6.9
NNE	.8	2.8	.4	.5		.1						4.6	6.2
NE	.1	1.2	.8	.3								2.4	7.3
ENE	.4	2.0	1.9	.3		.1						4.8	6.8
E	.6	3.4	1.9	.3								6.3	6.1
ESE	.9	2.9	2.0	.5	.1							6.5	6.5
SE	.5	3.0	3.5	2.4	.2							9.7	8.3
SSE	.1	1.4	4.1	6.6	.5							12.7	11.1
S	.8	4.0	5.2	3.2	.2							13.3	8.3
SSW	.1	1.7	1.0	.2		.1						3.1	6.9
SW	.3	1.3	1.1	.2								2.9	6.5
WSW	.1	1.1	.5	.1								1.8	6.2
W	.6	2.4	.6	.9	.2							4.7	7.4
WNW	.5	1.6	.6	.6	.2	.1						3.8	7.8
NW	.3	2.0	1.8	.1								4.3	6.5
NNW	.5	1.7	1.9	.9								5.1	7.5
VARIABLE													
CALM	////////////////////											6.5	////
TOTALS	7.5	36.2	29.2	18.6	1.5	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72753C STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUL 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	.7	2.8	3.3	2.3	.1	.0						9.3	8.3
NNE	.4	1.8	1.5	.5	.1	.0						4.2	7.1
NE	.3	1.6	1.2	.2	.0							3.3	6.5
ENE	.4	1.7	1.2	.2		.0						3.6	6.4
E	.2	1.8	1.6	.4	.0							4.0	6.9
ESE	.4	1.5	1.9	.5	.0							4.3	7.1
SE	.2	1.3	2.6	2.8	.3							7.2	9.8
SSE	.3	1.9	4.0	6.7	1.3	.2	.0					14.4	11.4
S	.5	3.4	5.1	4.3	.7	.1						14.0	9.5
SSW	.3	1.2	1.1	.6	.1	.0						3.4	7.8
SW	.2	1.3	1.2	.4	.1							3.1	7.6
WSW	.2	1.0	.8	.4	.1	.0						2.5	7.5
W	.3	1.7	1.3	1.0	.3	.0		.0	.0			4.7	8.8
WNW	.2	1.5	1.4	1.2	.2	.0	.0					4.5	8.9
NW	.3	1.8	2.1	1.5	.4	.7						6.2	9.0
NNW	.3	1.9	2.5	1.8	.5	.0						6.9	9.2
VARIABLE													
CALM	////////////////////											4.2	////
TOTALS	5.4	28.1	32.8	24.8	4.1	.5	.0	.0	.0			100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: AUG HOURS(LST): 0000-0200

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	3.1	2.6	1.5								7.4	7.5
NNE	.4	1.6	.5	.1	.1							2.8	6.0
NE	.1	1.2	.4	.1	.1							1.9	6.8
ENE	.3	2.7	.4									3.4	5.0
E	.6	3.3	.6	.4								5.1	5.9
ESE	.5	2.7	1.2	.6								5.1	6.4
SE	.4	.9	2.6	2.0	.1		.1					6.1	9.8
SSE	.4	2.2	6.7	7.3	1.2							17.7	10.5
S	.6	5.9	5.3	3.2	.2							15.3	7.9
SSW	.1	1.5	.3	.5	.1							2.6	7.4
SW	.2	1.3	.6									2.2	5.8
WSW	.5	.8	.8	.1	.2	.1						2.5	8.5
W	.3	1.8	1.6	.2		.1						4.1	6.9
WNW	1.1	1.0	1.1	1.0								4.1	6.9
NW	.3	3.1	1.2	.4		.1						5.2	6.6
NNW	.3	2.5	1.7	.9	.1							5.5	7.5
VARIABLE													
CALM	////////////////////											9.1	////
TOTALS	6.7	35.5	27.6	19.5	2.2	.3	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: AUG HOURS(IST): 0300-0500

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	3.7	2.4	1.3	.3							8.5	7.5
NNE	.5	1.6	.8									2.9	5.7
NE	.6	1.1	.4	.1								2.3	5.1
ENE	.9	2.2	.5									3.5	4.8
E	.2	2.2	.6	.1								3.1	5.4
ESE	.4	2.4	1.7	.3								4.8	6.8
SE	.4	1.9	3.3	2.6								8.3	8.9
SSE	.3	1.9	6.6	6.3	.3	.1						15.6	10.4
S	.9	4.7	5.5	2.0								13.1	7.5
SSW	.6	2.5	.4									3.5	5.0
SW	.2	.9	.9	.1		.1						2.2	7.6
WSW	.4	.9	.6	.4								2.4	6.8
W	.6	1.7	2.6		.2	.1						5.3	7.4
WNW	.6	1.4	1.1	.2								3.3	6.2
NW	.2	2.0	1.8	.2								4.3	6.6
NNW	.3	3.4	2.5	.8								7.0	7.0
VARIABLE												
CALM	////////////////////////////////////											9.9	////
TOTALS	8.3	34.4	31.7	14.5	.9	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 950

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: AUG 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	.5	3.7	4.1	1.8								10.1	7.6
NNE	.3	1.0	1.1	.2								2.6	7.0
NE	.2	1.1	.9									2.2	5.9
ENE	.4	1.9	.5	.6								3.5	6.7
E	.6	1.8	1.1	.5								4.1	6.3
ESE	.8	2.2	1.2	.3								4.4	5.9
SE	.1	2.3	3.2	2.0	.3							8.0	8.9
SSE	.4	2.8	6.7	7.2	.5	.1	.1					17.8	10.3
S	.9	3.8	4.3	3.2		.1						12.3	8.2
SSW	.3	1.1	.8	.1								2.3	6.0
SW	.4	1.0	.5	.3								2.3	6.5
WSW	.8	.6	.9	.2								2.6	5.9
W	.6	1.9	1.6	1.4	.3							5.9	8.1
WNW	.1	1.5	1.0	.5	.2							3.3	7.9
W	.3	2.3	2.6	.9	.2							6.2	7.7
NNW	.5	1.4	2.3	1.1								5.3	8.0
VARIABLE													
CALM	////////////////////											7.2	////
TOTALS	7.4	30.3	32.6	20.5	1.6	.2	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/CYAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: AUG 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	.3	1.8	4.3	2.9	.8							10.1	9.9
NNE	.4	1.6	1.6	1.0								4.6	7.6
NE	.6	1.1	.8	.2								2.7	6.1
ENE	.2	1.1	1.5	.4								3.2	7.6
E	.2	1.2	1.0	.3	.1							2.8	7.1
ESE	.2	.9	1.5	.5								3.1	7.6
SE	.2	2.2	2.6	3.0	.3							9.3	9.6
SSE	.2	1.3	4.5	7.6	1.3	.4						15.4	11.7
S	.6	2.3	6.2	5.8	.2	.1						15.3	9.7
SSW	.2	.9	1.1	.8								2.9	8.1
SW	.3	.8	.9	1.1	.2							3.2	9.2
WSW	.2	1.2	1.3	.4	.1							3.2	7.7
W	.1	1.2	.8	1.0	.8	.7						4.1	11.5
WNW	.1	1.0	1.3	1.1	.5							4.0	10.5
NW	.4	.6	2.6	2.2	.9							6.7	10.6
NNW	.4	1.3	2.9	3.1	.6							8.4	10.0
VARIABLE													
CALM	////////////////////											2.0	////
TOTALS	4.9	20.7	34.7	31.4	5.8	.9						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: AUG 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	1.9	4.2	3.8	.5							10.5	10.2
NNE	.1	1.0	2.5	.5								4.1	8.3
NE	.5	.5	2.7	.2								4.0	7.6
ENE	.1	1.4	1.2	.4	.1							3.2	7.6
E	.3	1.6	2.0	.5	.2							4.7	7.6
ESE		1.3	1.1	1.0								3.3	8.5
SE	.1	.9	2.3	2.5	.3							6.0	10.2
SSE		1.2	4.4	5.9	1.6	.1						13.2	12.0
S	.3	1.6	3.2	5.8	2.3	.1						13.3	11.8
SSW	.4	.3	1.5	.9	.4							3.5	9.7
SW	.1	1.0	1.3	.8	.4							3.5	9.3
WSW		1.0	1.4	1.0								3.3	8.9
W	.1	1.2	1.5	1.2	.2	.2						4.4	10.0
WNW	.1	1.0	1.5	2.6	1.1	.2						6.5	12.1
NW	.1	.6	1.6	3.2	1.0							6.6	12.0
NNW	.1	.8	2.0	4.4	1.2	.1						8.6	12.1
VARIABLE													
CALM	////////////////////											1.1	////
TOTALS	2.6	17.2	34.4	34.6	9.4	.9						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: AUG 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	1.6	4.1	5.1	.6							11.7	10.6
NNE		1.3	1.4	.5	.1							3.3	7.9
NE	.1	2.0	2.0	.5								4.7	7.2
ENE	.2	1.7	.5	.5								3.0	6.6
E	.3	1.9	1.7	.5	.3							4.8	7.9
ESE	.3	1.2	1.4	.6								3.5	7.4
SE	.1	1.4	2.6	2.4	.3							6.8	9.9
SSE	.3	1.7	3.1	7.4	1.7	.1						14.4	11.7
S	.1	1.1	2.9	5.4	1.5	.3	.1					11.4	12.2
SSW		.5	1.2	1.1	.1							2.9	9.6
SW		.5	1.4	.4	.5							2.9	10.6
WSW	.2	.6	.9	.8	.3							2.8	9.8
W	.2	.3	.8	2.3	.2							3.8	11.1
WNW		.4	1.8	2.0	1.1	.1						5.5	12.3
NW	.2	1.4	1.8	3.8	1.0	.1						8.3	11.5
NNW		1.0	2.4	4.6	.6	.5						9.1	12.0
VARIABLE													
CALM	////////////////////											1.0	////
TOTALS	2.5	18.8	30.0	39.0	8.5	1.2	.1					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: AUG HOURS (LST): 1800-2000

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	3.4	4.0	3.2	.5							11.7	9.0
NNE	.4	2.2	2.2	.4								5.2	6.7
NE	.8	4.1	1.7	.2								6.8	5.8
ENE	.2	2.9	.4	.1								3.7	5.3
E	.4	3.1	2.0	1.2	.2							7.0	7.6
ESE	.4	2.3	2.0	.4								5.2	6.6
SE	.1	1.7	3.9	3.1	.1							8.9	9.5
SSE	.2	1.2	3.8	6.6	2.0	.1						13.9	11.9
S	.3	2.2	2.7	3.9	.2	.1						9.4	9.6
SSW		1.2	.8	.5	.2							2.7	8.6
SW		.4	.5	.1	.2							1.3	9.7
WSW		.8	.3	.3	.2							1.6	9.7
W	.3	.9	.8	.5	.1							2.6	7.9
WNW	.2	1.6	1.6	.6	.1							4.2	7.8
NW		1.2	2.4	2.9	.5							7.0	10.6
NNW	.4	1.1	2.9	2.0	.3	.1						6.9	9.6
VARIABLE													
CALM	////////////////////											2.2	////
TOTALS	4.4	30.1	31.9	26.2	4.8	.7						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.6	2.8	1.8	1.5	.1			6.9	7.7
NNE	1.1	2.0	1.3	.1				4.5	5.5
NE	.8	2.3	1.4	.2				4.6	5.7
ENE	1.1	3.4	.8	.1				5.4	5.3
E	1.3	3.5	2.2	.4	.1	.1		7.6	6.5
ESE	.5	2.4	1.6	.1				4.6	6.2
SE	.2	2.0	4.5	2.8	.4	.1		10.1	9.5
SSE	.3	1.4	5.2	7.8	2.2			16.9	11.6
S	.3	4.3	4.2	2.7	.2			11.7	8.3
SSW	.1	.8	.1	.1				1.1	5.5
SW	.2	1.2	.3	.2		.1		2.0	7.3
WSW		1.1	.4			.2		1.7	8.1
W	.2	2.0	1.0		.1			3.3	6.3
WNW	.4	1.9	1.2					3.5	6.0
NW	.4	1.6	1.9	.5				4.5	7.3
NNW	.2	1.3	1.7	1.4	.1			4.7	8.8
VARIABLE									
CALM	////////////////////							6.7	////
TOTALS	7.8	34.1	29.6	18.1	3.2	.5		100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

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	.4	2.8	3.4	2.6	.4							9.6	8.9
NNE	.4	1.5	1.4	.4	.0							3.7	6.9
NE	.5	1.7	1.3	.2	.0							3.6	6.3
ENE	.4	2.2	.7	.3	.0							3.6	6.0
E	.5	2.3	1.4	.5	.1	.0						4.9	6.8
ESE	.4	1.9	1.5	.5								4.3	6.8
SE	.2	1.7	3.1	2.6	.2	.0	.0					7.8	9.5
SSE	.3	1.7	5.1	7.0	1.4	.1	.0					15.6	11.2
S	.5	3.2	4.3	4.0	.6	.1	.0					12.7	9.3
SSW	.2	1.1	.8	.5	.1							2.7	7.7
SW	.2	.9	.8	.4	.2	.0						2.4	8.4
WSW	.3	.9	.8	.4	.1	.0						2.5	8.1
W	.3	1.4	1.3	.8	.2	.1						4.2	8.6
WNW	.3	1.2	1.3	1.0	.4	.0						4.3	9.2
NW	.3	1.6	2.0	1.8	.4	.1						6.1	9.5
NNW	.3	1.6	2.3	2.3	.4	.1						6.9	9.7
VARIABLE													
CALM	////////////////////											4.9	////
TOTALS	5.6	27.6	31.6	25.2	4.5	.6	.0					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY

OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: SEP HOURS(LST): 0000-0200

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	1.9	3.6	2.0	.3							8.0	9.2
NNE	.1	.9	1.2	.3								2.6	7.3
NE	.2	1.8	1.1	.2								3.3	6.6
ENE	.2	1.7	1.0									2.9	5.7
E	.4	1.3	1.1	.7		.1						3.7	7.9
ESE	.2	1.7	1.7	.4	.1							4.1	7.5
SE	.3	1.8	2.1	3.1	.6							7.9	9.9
SSE	.4	1.6	3.8	7.3	1.6							14.7	11.5
S	.9	3.7	5.3	1.6	.6							12.0	7.9
SSW	.1	1.4	1.2									2.8	6.0
SW	.3	1.8	.3	.1								2.6	5.0
WSW	.4	1.8	1.7	.6								4.4	7.2
W	.8	1.8	1.2	.4	.1	.2						4.6	7.5
WNW	.4	1.4	2.2	1.1		.2	.1					5.6	9.1
NW	.4	1.7	2.4	1.6	.1							6.2	8.3
NNW	.4	1.3	1.8	1.6	.1							5.4	8.9
VARIABLE													
CALM	////////////////////											9.3	////
TOTALS	6.1	27.4	31.8	21.2	3.4	.6	.1					103.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: SEP HOURS(LST): 0300-0500

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	1.9	3.0	2.8	.2							8.6	9.0
NNE	.3	.8	.8	.6								2.4	7.8
NE	.2	1.6	1.4	.3								3.6	6.7
ENE	.6	1.0	.9									2.4	5.6
E	.1	1.9	1.1	.1								3.2	6.2
ESE	.3	1.2	1.4	.9	.1							4.0	7.9
SE	.2	1.2	2.1	2.4	.3	.1						6.4	10.4
SSE	.1	.7	5.2	7.8	1.2							15.0	11.7
S	1.1	6.6	4.2	1.6								13.4	6.8
SSW	.3	2.0	1.2	.1	.1							3.8	6.3
SW	.3	1.6	1.3	.1								3.3	5.8
WSW	.3	.9	1.9	.6	.1							3.8	8.0
W	.3	1.7	2.3	.6		.1						5.0	7.8
WNW	.3	1.2	1.8	.8	.1	.3						4.7	9.0
NW	.2	2.1	2.2	.7			.1					5.3	7.7
NNW	.3	1.8	2.9	1.8								6.8	8.2
VARIABLE													
CALM	////////////////////											8.2	////
TOTALS	5.9	28.1	33.9	21.0	2.2	.6	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: SEP HOURS(LST): 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	.7	2.4	3.9	2.6	.7							10.2	6.9
NNE	.2	.7	1.4	.2								2.6	7.5
NE	.2	.9	1.7	.3								3.0	7.9
ENE	.2	1.4	1.4									3.1	6.8
E	.4	.9	.7									2.0	5.7
ESE		1.4	1.4	.9								3.8	8.0
SE	.6	.9	3.1	3.0	.3							7.9	9.8
SSE	.8	1.2	4.7	7.9	.9							15.4	11.0
S	.7	4.2	5.0	2.1	.3							12.9	7.6
SSW	.8	1.1	1.3	.1								3.3	5.7
SW	.4	1.1	1.2	.8								3.6	7.6
WSW	.3	1.7	1.2	.7	.1							4.0	7.6
W	.4	2.0	1.9	1.4	.1							5.9	8.2
WNW	.3	.8	1.1	1.3	.2	.2						4.0	10.4
NW	.6	1.0	2.9	1.9	.1	.2						6.7	9.3
NNW	.2	1.4	2.2	2.7								6.7	8.8
VARIABLE													
CALM	////////////////////											5.0	////
TOTALS	7.0	23.7	35.2	25.9	2.8	.4						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: SEP 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	.7	1.9	3.6	4.3	1.0							11.4	10.4
NNE	.3	1.1	.9	.9								3.2	8.0
NE		.2	2.2	.1								2.6	8.3
ENE	.2	.8	1.9	1.1								4.0	8.8
E	.3	.6	1.3	.6	.1							2.9	8.3
ESE	.1	1.0	1.0	.6	.1							2.8	8.0
SE	.3	1.1	3.7	2.7	.4	.3						8.6	10.8
SSE	.4	1.2	3.9	6.1	1.6	.2						13.4	11.9
S	.3	1.8	4.1	5.8	1.3							13.3	10.8
SSW	.4	.2	1.7	1.4	.1							3.9	9.7
SW	.1	.4	1.9	.8								3.2	9.5
WSW	.2	.6	.8	.6	.1	.3						2.6	10.9
W	.3	.7	1.7	1.3	.7	.2						4.9	11.1
WNW	.1	.9	1.8	1.7	1.1	.2	.1					5.9	12.2
NW	.2	1.3	2.4	2.8	.6	.2	.1					7.7	10.9
NNW	.2	1.3	3.6	2.9	.6	.1						8.7	10.3
VARIABLE													
CALM	////////////////////											1.0	////
TOTALS	4.4	15.1	36.3	33.6	7.7	1.7	.2					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 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	.1	1.7	2.2	4.4	.8	.1						9.0	11.4
NNE	.1	.6	1.6	1.2								3.4	9.1
NE	.1	1.3	1.6	.7								3.7	8.0
ENE	.2	1.2	1.7	.8	.1							4.0	7.9
E	.1	.6	1.3	1.0								3.0	9.2
ESE		.9	2.1	.4	.2							3.7	9.1
SE	.1	.7	1.9	2.3	1.0	.1						6.1	11.9
SSE	.2	.1	1.6	6.7	1.9	.9						11.3	14.1
S	.3	.7	2.8	4.8	2.2	.7	.1					11.6	13.3
SSW	.1	.8	1.3	1.1	.6							3.9	10.5
SW	.3	.7	1.4	2.1	.1							4.7	9.7
WSW	.1	.4	1.2	.8	.1							2.7	9.7
W	.3	.7	2.1	2.0	1.3	.3	.1					7.9	12.4
WNW	.1	1.0	2.1	1.9	1.3	.1						6.6	11.6
NW	.1	1.3	2.8	3.0	.6	.2	.1					8.1	11.4
NNW		1.1	1.9	5.4	1.2	.2						9.9	12.1
VARIABLE													
CALM	////////////////////											.6	////
TOTALS	2.4	13.3	29.6	39.7	11.4	2.7	.3					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS: 900

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 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	2.0	3.9	4.4	.8							11.2	10.3
NNE	.1	1.2	2.0	.8								4.1	8.4
NE	.2	1.3	2.4	.9		.1						5.0	8.5
ENE		1.0	1.3	.3	.1							2.8	8.3
E	.3	.7	1.3	1.1	.3							3.8	9.3
ESE	.1	1.2	1.7	.6	.1							3.7	7.9
SE		.9	2.3	2.8	.8	.2						7.0	11.9
SSE	.2	.9	1.7	4.4	1.3	.4						9.0	12.9
S	.4	1.3	2.4	5.4	2.4	.8	.2					13.1	13.4
SSW		.4	1.0	1.2	.4							3.1	11.6
SW	.1	.7	1.0	.4	.2							2.4	9.5
WSW	.1	1.0	1.2	.4	.3	.1						3.2	9.3
W	.1	.7	2.4	3.1	.4	.1						6.9	11.6
WNW	.1	.7	1.7	2.4	1.1	.1						6.1	12.2
NW	.3	.9	3.4	3.6	1.1	.1						9.4	11.1
NNW	.1	.6	2.4	3.4	1.4	.2						8.2	12.6
VARIABLE													
CALM	////////////////////											.9	////
TOTALS	2.4	15.4	52.3	35.4	11.0	2.2	.2					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS: 900

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	29-33	34-40	41-47	48-55	GE 56		
N	1.3	3.4	3.2	2.1	.7	.1						10.9	8.1
NNE	.6	1.7	3.1	.7								6.0	7.3
NE	.3	3.4	2.2	.3								6.3	6.4
ENE	.4	2.1	1.3	.1	.1	.2						4.3	7.5
E	.4	2.7	1.2	.8	.1							5.2	7.1
ESE	.4	1.9	2.2	.8	.2							5.6	7.9
SE	.3	1.6	3.1	3.4	.2							8.7	9.9
SSE	.2	1.1	2.7	4.7	.7	.1						9.4	11.2
S	.2	2.4	3.6	2.9	.3	.1						9.6	9.4
SSW	.6	1.1	.4	.3								2.4	6.3
SW	.2	1.1	.6									1.9	5.6
WSW	.2	1.0	1.1	.1								2.4	6.5
W	.6	2.7	1.2	1.0	.4							5.9	7.8
WNW	.1	1.0	1.7	1.6	.3		.2					4.9	10.8
NW	.1	1.7	3.2	2.2	.6							7.8	9.7
NNW	.1	1.1	1.3	1.1	1.7	.1						5.4	12.1
VARIABLE													
CALM	////////////////////											3.2	////
TOTALS	6.2	30.0	32.2	22.1	5.3	.7	.7					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 900

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: 727530 STATION NAME: HECTON FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: SEP HOURS(LST): 2100-2300

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	.6	2.6	3.8	1.4	.3							8.7	8.2
NNE	.2	1.8	1.3	.8								4.1	7.5
NE	.8	1.7	2.0	.2								4.7	6.3
ENE	.6	2.1	1.3	.1								4.1	6.1
E	.6	2.9	1.4	.1	.1	.1						5.2	6.7
ESE	.6	1.6	1.2	1.0	.1							4.4	7.8
SE		2.7	2.7	4.0	.9							10.2	10.5
SSE	.1	1.2	3.1	5.4	1.2	.1						11.2	11.2
S	.9	2.9	4.3	2.7	.2	.1						11.1	8.7
SSW	.7	1.4	.4	.1								2.7	5.2
SW	.3	1.6	.1									2.0	4.7
WSW	.6	.9	1.3	.2								3.0	6.6
W	.7	2.6	2.1	.9								6.2	6.9
WNW		1.6	2.4	.1	.2	.1						4.7	8.8
NW	.2	1.4	2.1	1.1	.4	.1						5.4	9.4
NNW	.3	1.9	1.2	2.1	.4							6.0	5.7
VARIABLE													
CALM	////////////////////											6.2	////
TOTALS	7.0	30.7	31.0	20.3	4.0	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 940

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: SEP 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	.5	2.2	3.4	3.0	.6	.0						9.7	9.5
NNE	.2	1.1	1.5	.7								3.6	7.8
NE	.3	1.5	1.8	.4		.7						4.0	7.2
ENE	.3	1.4	1.4	.3	.0	.0						3.5	7.2
E	.3	1.4	1.2	.5	.1	.0						3.6	7.6
ESE	.2	1.4	1.6	.7	.1							4.0	8.0
SE	.2	1.3	2.6	3.0	.6	.1						7.8	10.6
SSE	.3	1.0	3.3	6.3	1.3	.2						12.4	11.9
S	.6	3.0	4.0	3.3	.9	.2	.7					12.1	5.7
SSW	.4	1.1	1.1	.6	.2							3.2	7.9
SW	.3	1.1	1.0	.5	.0							3.0	7.5
WSW	.3	1.0	1.3	.5	.1	.1						3.3	8.1
W	.4	1.6	1.9	1.5	.9	.1	.0					5.9	9.4
WNW	.2	1.1	1.8	1.4	.6	.7	.1					5.7	10.6
W	.3	1.4	2.7	2.1	.4	.1	.0					7.1	9.9
NNW	.2	1.7	2.2	2.7	.7	.1						7.1	10.5
VARIABLE	////////////////////////////////////											4.3	////
TOTALS	5.2	23.0	32.8	27.4	6.0	1.2	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 7200

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS(LST): 0000-0200

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	.9	1.5	2.6	1.3	.2	.2					7.2	12.3
NNE	.2	.2	.3	.2								1.0	7.1
NE	.2	1.1	.5	.6								2.5	7.6
ENE	.1	1.5	.8	.5	.1							3.0	7.6
E	.3	.6	1.4	.1								2.5	7.0
ESE		.8	.9	.2								1.8	8.1
SE	.2	.9	1.2	1.3	1.4	.3						5.3	12.4
SSE	.1	1.6	4.2	9.2	2.2	.6						16.9	12.7
S	.6	3.7	5.2	2.8	.2	.1						12.6	8.5
SSW	.4	1.8	1.7	.1	.1	.1						4.3	6.8
SW		1.0	1.2	.5	.1							3.9	7.6
WSW	.1	1.6	1.9	1.1	.1							4.8	8.3
W	.2	1.9	2.2	1.2	.1	.1						5.7	8.3
WNW	.2	1.0	2.4	1.0	.3							4.8	9.3
NW	.3	1.8	4.2	3.1	.4							9.9	9.5
NNW	.2	.9	2.6	2.5	1.5	.3	.1					8.1	12.3
VARIABLE													
CALM	////////////////////											5.9	////
TOTALS	3.9	22.3	32.0	26.0	7.8	1.9	.3					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS(LST): 0700-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.1	.6	1.5	2.9	.9	.9		6.8	13.2
NNE	.5	.1	.5	.3				1.5	7.1
NE	.1	1.0	.6	.5				2.3	7.5
ENE	.1	1.3	.8	.2		.1		2.5	7.2
E	.3	.5	1.0	.4				2.3	7.8
ESE	.3	.9	1.3	.4				2.9	7.2
SE	.1	1.4	1.1	1.7	1.3			5.6	11.2
SSE	.3	1.5	3.9	7.6	2.9	.5		16.9	12.6
S	.4	4.1	5.6	2.0	.4	.1		12.7	8.2
SSW	.3	2.0	1.1	.1	.1			3.7	6.5
SW	.2	2.4	1.3	.1				4.0	6.3
WSW	.6	1.3	1.3	1.0	.2			4.4	7.9
W	.4	2.4	2.5	1.9				7.2	8.3
WNW	.3	1.0	1.8	1.9	.1	.1		5.3	5.3
NW	.3	2.0	4.2	2.6				9.1	9.1
NNW	.3	1.2	1.6	2.7	1.7	.3		7.8	12.2
VARIABLE									
CALM	////////////////////							5.3	////
TOTALS	4.9	23.7	30.0	26.6	7.6	1.9		100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS(LST): 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	.2	1.4	1.1	2.6	.9	.4						6.5	11.9
NNE	.2	.5	1.1	.4	.1							2.4	8.4
NE	.1	.6	.8	.3								1.8	7.6
ENE	.2	.6	.4	.1								1.4	6.4
E	.5	.4	.5	.4								1.9	6.8
ESE	.2	1.2	.9	.4								2.7	7.2
SE	.2	.9	1.5	1.9	1.4	.1						6.0	12.3
SSE	.2	1.9	4.3	7.5	3.0	.5						17.5	12.5
S	.5	4.2	6.0	3.0	.1	.1						14.2	8.4
SSW	.4	1.4	1.3	.2								3.3	6.2
SW		1.2	.8	.2								2.2	7.2
WSW	.4	2.2	1.0	.9	.1							4.5	7.4
W	.4	1.9	2.3	2.0	.1	.1	.1					7.0	9.3
WNW	.4	2.2	1.9	1.4	.2							6.2	8.3
NW	.4	1.3	3.2	2.7	.5							8.2	9.9
NNW	.2	1.8	1.5	3.0	1.6	.4						8.6	12.3
VARIABLE													
CALM	////////////////////											5.6	////
TOTALS	4.8	23.9	28.5	27.2	8.0	1.9	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT 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	.2	.6	3.1	2.9	2.6	.8						10.2	13.3
NNE		1.0	1.4	.8								3.1	8.3
NE	.1	.2	.4									.8	6.7
NNE			1.3	.5								1.8	10.1
E	.3	1.0	.6	.4								2.4	7.5
ESE	.2	.8	.8	.6								2.4	8.8
SE		1.5	1.6	1.2	1.3	.4						6.0	11.8
SSE	.3	1.2	2.2	6.0	3.2	1.5	.2					14.6	14.5
S	.1	1.4	5.2	6.2	1.6							14.5	11.4
SSW		.6	1.6	1.6	.2							4.1	10.4
SW	.1	1.0	1.2	.5								2.8	8.1
WSW	.1	.2	1.3	1.1								2.7	9.8
W		1.2	1.9	2.3		.1						5.5	10.0
WNW	.2	1.0	2.5	2.0	1.2	.3	.1					7.3	12.0
NW	.3	.5	3.0	2.8	1.7	1.1						9.5	13.1
NNW	.4	.8	2.4	4.1	2.6	.4						10.6	13.0
VARIABLE													
CALM	////////////////////											1.7	////
TOTALS	2.5	12.9	30.4	33.1	14.4	4.6	.3					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT 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		.5	1.6	4.3	1.9	.5						8.9	14.1
NNE	.2	.4	.4	1.5								2.6	10.5
NE		.4	1.3	.4								2.2	8.5
ENE		.3	.8	.6	.2							1.9	10.3
E	.1	.6	.6	.5	.1							2.0	8.8
ESE		.4	.5	.3								1.3	7.8
SF	.1	1.1	.6	1.1	.6	1.0	.1					4.6	13.7
SSE	.2	.5	2.0	6.5	3.1	1.7	.2					14.3	15.0
S		.5	4.4	5.7	2.5	.6						13.8	12.8
SSW		.6	1.2	1.9	.6							4.4	11.4
SW		.7	1.3	2.3	.4							4.3	11.7
WSW	.1	.8	1.7	1.0	.3							3.9	9.7
W	.2	.8	2.0	2.2	.8							5.9	10.6
WNW	.2	.4	1.5	2.3	1.5	.3						6.2	13.1
NW	.1	.6	2.8	5.1	2.3	1.2						12.0	14.0
NNW	.2	1.1	2.5	2.4	2.2	1.4						10.8	14.0
VARIABLE													
CALM	////////////////////											.9	////
TOTALS	1.5	9.6	25.4	30.0	16.6	6.8	.3					100.0	12.7

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT 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	.4	2.2	4.6	1.9	.1	.3					9.9	13.5
NNE		.6	.8	1.2								2.6	9.7
NE		.3	1.1	.3								1.7	8.3
NNE	.1	.6	1.1	1.4								3.3	9.1
E		.4	.4	.4	.3							1.6	11.1
ESE	.1	.6	.5	.2								1.6	6.9
SE		.4	2.3	1.0	1.3	1.1						6.0	14.1
SSE		.8	3.1	5.9	2.4	1.1	.1					13.3	14.1
S	.2	1.0	4.1	3.2	1.4	.3						10.2	11.6
SSW	.1	.3	1.8	1.5	.3	.1						4.2	11.1
SW	.3	1.8	1.0	2.3								5.4	9.2
WSW		1.5	1.5	1.5	.1							4.6	9.2
W	.2	1.1	1.7	1.1	.6	.1						4.8	9.9
WNW	.2	.9	1.1	1.4	1.2	.6						5.4	13.3
NW	.2	1.4	3.7	3.7	2.8	.6						12.4	12.4
NNW	.1	.6	1.6	5.3	2.8	.8						11.3	14.2
VARIABLE													
CALM	////////////////////											1.6	////
TOTALS	1.9	13.2	27.8	34.9	15.2	4.9	.4					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS(LST): 1800-2000

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	.6	2.0	2.2	4.5	.8	.1	.1	.1				10.4	11.0
NNE	.5	2.4	.4	.6	.1							4.1	7.0
NE	.2	1.8	.4	.5								3.0	6.5
ENE	.4	.9	.8	.3	.1							2.5	7.0
E	.1	1.3	.4	.3	.1							2.3	7.0
ESE	.1	1.5	1.0	.9	.2							3.7	8.6
SE	.3	1.4	3.0	3.2	.9	.7						9.1	10.7
SSE	.3	1.7	4.2	5.7	2.4	1.1						15.4	12.3
S	.4	2.9	5.7	2.6	.3	.1						12.0	8.8
SSW	.2	.9	1.3	.1	.1							2.6	7.2
SW	.2	1.1	.9	.3								2.5	7.2
WSW		1.4	1.3	.3	.3							3.3	8.6
W	.5	1.6	2.3	.4	.2							5.1	7.6
WNW	.3	1.3	1.8	1.4	.4							5.3	9.3
NW	.5	1.3	2.8	2.2	.8	.1						7.6	9.9
NNW	.1	1.1	1.9	3.5	1.3	.2	.1					8.3	12.1
VARIABLE													
CALM	////////////////////											2.9	////
TOTALS	5.1	24.5	30.3	27.0	8.0	1.9	.2	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS (LST): 2100-2300

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	.1	2.2	2.2	3.5	.6	.2	.2					9.0	11.5
NNE	.2	.5	.9	.6		.1						2.4	9.4
NE	.4	1.0	1.1	.2								2.7	6.9
ENE	.1	1.3	1.1	.2								2.7	7.0
E	.3	.8	1.1	.2								2.4	6.9
ESE	.1	1.0	.8	.4								2.3	7.4
SE	.2	1.2	1.3	3.9	1.6	.1						8.3	12.3
SSE	.3	.8	4.2	8.5	1.8	.6	.1					16.3	12.6
S	.2	3.8	5.7	3.2	.9	.1						13.9	9.1
SSW	.2	1.6	1.6	.5	.1	.2						4.3	8.6
SW	.1	.6	.9	.1								1.7	6.8
WSW	.2	.6	1.8	.4	.1							3.2	8.2
W	.1	2.5	3.3	.9	.5							7.3	8.5
WNW	.5	1.2	.9	1.1	.2	.2						4.1	9.1
NW	.4	.3	2.8	2.5	.4	.4						6.9	11.1
NNW	.3	1.7	2.4	3.1	.3	.3	.3					8.5	11.3
VARIABLE													
CALM	////////////////////											4.1	////
TOTALS	4.0	21.0	31.8	29.5	6.7	2.4	.6					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOHAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 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	.3	1.1	1.9	3.5	1.3	.4	.1	.0				8.6	12.6
NNE	.2	.7	.7	.7	.0	.0						2.4	8.5
NE	.1	.8	.8	.4								2.1	7.4
NNE	.1	.9	.9	.5	.1	.0						2.4	8.1
E	.3	.7	.8	.4	.1							2.2	7.8
ESE	.1	.9	.8	.4	.0							2.3	7.8
SE	.1	1.1	1.6	1.9	1.2	.4	.0					6.4	14.2
SSE	.2	1.2	3.5	7.0	2.6	1.0	.1					15.6	13.2
S	.3	2.7	5.2	3.6	.9	.2						13.0	9.9
SSW	.2	1.2	1.5	.8	.2	.1						3.9	6.7
SW	.1	1.3	1.0	.8	.1							3.3	8.3
WSW	.2	1.2	1.5	.9	.2							3.9	8.6
W	.3	1.7	2.3	1.5	.3	.1	.0					6.1	9.0
WNW	.3	1.1	1.7	1.6	.6	.0	.0					5.6	10.6
NW	.3	1.2	3.3	3.1	1.1	.4						9.4	11.3
WNW	.2	1.2	2.1	3.5	1.7	.5	.1					9.2	12.8
VARIABLE													
CALM	////////////////////											3.5	////
TOTALS	3.6	18.9	29.5	30.4	10.5	3.3	.3	.0				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLU FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV HOURS(LST): 0000-0200

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	2.4	2.9	2.1	1.0	.2	.2					9.6	10.0
NNE	.3	1.7	.9	.6	.1							2.9	7.8
NE	.3	1.4	2.0	.3								4.1	7.3
NNE	.2	1.6	.6	.4								3.0	6.9
E		1.0	.8	.2	.1							2.1	7.6
ESE	.2	.9	1.2	.2								2.6	6.9
SE	.2	1.0	1.1	2.2	.2	.1						4.9	10.6
SSE	.2	1.4	3.2	6.7	1.6	.2						13.3	12.0
S	.8	3.9	6.2	2.9	.8							14.6	8.6
SSW		2.2	2.2	.3								4.6	6.7
SW	.2	2.0	1.3	.2								3.8	6.4
WSW		.9	1.0	.4								2.3	7.5
W	.4	1.9	1.6	.6	.1							4.6	7.5
WNW		1.3	1.3	1.6	.7	.6	.2					5.9	12.9
NW	.1	2.0	2.4	3.2	1.7	.2						9.7	11.5
NNW		.9	1.6	2.2	1.2	.6	.6	.1				7.1	14.8
VARIABLE													
CALM	////////////////////											4.9	////
TOTALS	3.8	25.9	30.6	24.4	7.4	1.9	1.0	.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (DIRECTION)	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	.4	2.0	2.3	2.1	.9		.3					8.1	10.6
NNE	.1	.8	1.8	.9	.1							3.7	8.9
NE	.4	2.2	1.8	.3								4.8	6.4
ENE	.6	1.7	.6	.1	.1							3.0	6.1
E		1.0	.1	.3								1.4	7.5
ESE	.2	.6	.4	.2								1.4	6.8
SE	.2	.7	1.1	2.9	.6							5.4	11.3
SSE	.1	2.6	3.3	5.0	1.7	.4						13.1	11.4
S	.4	4.0	6.6	3.9	.2	.1						15.2	8.7
SSW	.7	2.7	1.2	.4								4.2	7.1
SW	.6	.6	.4									1.6	5.5
WSW	.2	2.2	1.2	.1								3.9	6.1
W	.7	2.3	2.2	1.6	.2							7.0	7.8
WNW	.2	.7	1.7	2.2	.3	.3						5.4	11.0
NW	.2	1.1	2.1	3.0	1.3	.8						8.6	12.5
NNW	.2	.8	2.2	2.6	1.0	.3	.2	.1				7.4	12.8
VARIABLE													
CALM	////////////////////											5.8	////
TOTALS	4.9	25.4	29.1	25.7	6.4	2.7	.6	.1				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 900

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV HOURS (LST): 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	.4	2.1	3.1	1.4	1.4	.2	.3					9.1	10.4
NNE	.1	.9	1.4	1.1	.2							3.8	9.6
NE	.2	1.3	1.1	.4								3.1	6.8
ENE	.3	1.4	.4									2.2	5.5
E	.1	1.1	.8	.4								2.4	7.4
ESE		.6	.2	.3								1.1	6.2
SE	.1	1.0	1.3	2.1	.7							5.2	10.7
SSE		2.0	3.9	6.1	1.6	.3						13.9	11.8
S	.8	5.2	5.1	4.1		.1						15.3	8.4
SSW	.1	1.8	1.6	.2			.1					3.4	7.3
SW	.2	1.1	.7	.6								2.6	7.4
WSW	.7	1.7	1.3	.2		.1						4.0	6.8
W	.3	1.2	2.2	1.1								4.9	6.0
NNW		1.8	2.6	1.9	.3	.4						7.0	10.0
NW	.2	1.9	1.4	3.3	1.6	.4						9.9	11.8
NNW	.1	1.8	2.1	2.7	.7	.3	.2					7.9	11.5
VARIABLE													
CALM	////////////////////											4.8	////
TOTALS	3.5	26.9	29.3	26.1	6.4	2.0	.7					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV 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	.3	1.7	3.4	3.3	1.8	.2	.1	.2				10.8	12.2
NNE	.1	.7	.9	1.1	.1	.1						3.7	9.8
NE		.8	1.0	.4	.1							2.3	8.9
ENE	.1	.7	1.6	.3								2.3	8.0
E	.1	.6	.9	.4	.1							2.1	8.2
ESE	.1	.3	.4	.6								1.4	9.2
SE	.1	.9	1.9	1.7	.8	.1						5.4	10.6
SSE	.2	1.7	3.1	6.0	1.9	.4						13.3	12.2
S	.1	1.9	5.4	6.7	1.0	.4						15.6	11.1
SSW	.2	.9	1.6	.8								3.4	8.3
SW	.2	.8	1.1	.4								2.5	7.3
WSW	.1	.8	.6	1.1	.1							2.7	9.6
W	.1	.7	2.6	1.8	.4	.1						5.7	10.4
WNW	.1	.9	2.8	2.3	1.1	.3						7.4	11.8
NW		.8	2.1	4.7	1.8	.6						9.9	13.5
NNW	.1	1.2	3.4	2.7	.9	.6						8.9	11.3
VARIABLE													
CALM	////////////////////											3.1	////
TOTALS	2.1	14.7	32.8	34.3	10.1	2.9	.1	.2				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS: 900

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV 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		.6	3.3	3.8	1.9	.8	.1	.2				10.7	17.9
NNE		.7	.8	1.2	.9							3.1	11.4
NE		.4	2.1	1.1								3.7	9.0
ENE	.1	.7	.7	.8								1.9	9.6
E		.8	.7	.2								1.7	7.8
ESE		.3	.2	.8								1.3	10.3
SE	.2	.7	1.1	2.1	.2							7.9	11.3
SSE	.1	.7	2.8	6.2	2.6	.8	.1					17.2	13.8
S	.3	.7	5.3	5.3	1.1							12.8	11.2
SSW		.8	1.1	2.1	.2							4.2	10.7
SW	.2	.9	1.6	.6	.2							3.9	8.8
WSW	.1	.9	1.3	.8								3.1	8.6
W	.7	1.0	1.7	3.6	.4	.1						7.3	10.9
WNW		1.1	1.0	3.6	.8	.6	.1					7.1	12.9
NW	.1	1.2	2.0	4.7	2.9	.7						11.6	13.5
NNW		.1	2.3	3.9	1.8	.7	.2					5.6	12.9
VARIABLE													
CALM	////////////////////											1.3	////
TOTALS	1.4	11.7	28.2	40.9	12.6	3.1	.6	.2				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 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	.6	1.3	3.3	4.4	1.9	1.1		.7				13.0	13.1
NNE	.1	1.0	1.4	1.4	.1	.1						4.2	10.0
NE	.1	.3	2.1	.8								3.3	8.9
ENE	.1	1.0	1.0	.1	.2							2.4	6.2
E	.1	.7	.4	.3								1.6	7.5
ESE	.1	.7	.4	.4								1.3	6.7
SE	.1	.8	1.8	2.2	.2							5.1	10.3
SSE	.2	.4	3.2	5.7	1.6	1.1						12.4	13.1
S	.2	2.4	4.6	3.2	.7	.3						11.4	10.0
SSW		1.6	1.8	1.7	.2							5.2	9.1
SW		1.4	.8	.2								2.4	6.9
WSW	.1	.9	1.4	.6								3.0	7.7
W	.1	1.0	2.6	1.1	.6	.3						5.7	10.4
WNW	.1	1.3	2.4	1.8	1.0		.2					6.9	11.4
NW	.1	1.1	2.6	5.4	1.1	.4		.2				11.7	12.8
NNW	.1	1.1	1.8	4.0	1.3	.7	.1					8.7	12.7
VARIABLE													
CALM	////////////////////											2.2	////
TOTALS	2.2	17.1	31.7	33.4	8.9	3.6	.3	.6				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS: 900

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV HOURS(LST): 1800-2000

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	1.6	3.6	3.6	1.7	.7	.4	.1				11.7	12.5
NNE	.2	2.1	1.6	1.1	.1							5.1	7.7
NE	.1	1.3	2.2	.2								3.9	7.3
ENE	.3	1.6	.6	.3	.2	.1						3.1	6.0
E	.2	1.6	.3	.2								2.3	6.2
ESE	.6	1.1	.6	.7								2.9	7.0
SE	.2	1.0	2.2	1.6	.3	.1						5.4	10.1
SSE		1.1	3.6	4.7	2.4	.4						12.2	12.8
S	.2	3.7	4.8	2.8	.9	.1						12.4	9.4
SSW	.2	1.0	2.2	.2								3.7	7.2
SW	.7	1.9	1.8	.1								4.4	6.1
WSW	.7	1.1	1.4	.6								3.8	6.7
W	.4	2.1	2.2	1.1	.2	.7						6.3	8.5
WNW	.1	1.2	2.6	1.8	.6	.7						6.4	10.6
NW	.3	1.0	1.3	2.6	.9	.2	.1	.3				6.8	13.2
NNW	.1	.8	2.0	2.4	.7	.2		.1				6.3	12.1
VARIABLE													
CALM	////////////////////										3.1	////	
TOTALS	4.7	24.1	33.1	23.9	8.7	2.7	.6	.6				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV HOURS(LST): 2100-2300

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	.4	2.1	4.4	1.8	1.0	1.0	.2					11.0	11.0
NNE	.3	1.4	2.6	1.2	.2							5.8	8.6
NE	.1	1.6	1.4	.3								3.4	7.1
ENE	.3	1.0	1.2	.2								2.8	7.1
E	.1	.7	1.3	.1	.1							2.3	9.0
ESE	.3	.2	.7									1.9	5.8
SE	.1	1.2	2.7	2.9	.3							7.2	10.3
SESE		1.4	2.8	5.7	1.7	.3	.1					12.0	12.5
S	.7	4.1	4.4	4.3	.7							14.2	9.2
SSW	.7	1.6	2.6	.8								5.8	6.9
SW		1.1	1.8									2.9	7.0
WSW	.3	1.9	.9	.2								3.3	6.1
W	.4	2.3	2.2	.7	.1	.3						6.1	8.3
WNW	.1	.7	1.4	1.7	1.0							4.9	11.8
WW		1.1	1.6	2.6	1.0	.3	.1	.2				6.9	13.5
NNW		.9	1.0	2.2	1.0	.1	.6					5.8	13.9
VARIABLE													
CALM	////////////////////											3.8	////
TOTALS	4.0	24.1	32.0	24.7	7.1	2.1	1.0	.2				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 900

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: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV HOURS(LOCAL): 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	.4	1.7	3.3	2.8	1.4	.5	.2	.1				10.5	11.9
NNE	.2	1.1	1.4	1.1	.2	.3						3.9	9.1
NE	.2	1.2	1.7	.5	.0							3.6	7.6
NNE	.3	1.1	.8	.3	.1	.7						2.6	7.4
E	.1	.9	.7	.3	.0							2.0	7.5
ESE	.2	.6	.5	.4								1.7	7.6
SE	.2	.8	1.7	2.2	.4	.7						5.3	10.6
SSE	.1	1.5	3.2	5.7	1.9	.5	.0					12.9	12.4
S	.4	3.2	5.3	4.2	.7	.1						13.9	9.5
SSW	.2	1.5	1.8	.8	.1		.0					4.4	7.9
SW	.3	1.2	1.2	.3	.0							3.0	7.0
WSW	.3	1.3	1.2	.5	.0	.7						3.2	7.3
W	.3	1.6	2.2	1.4	.3	.1						5.9	9.0
WNW	.1	1.1	2.0	2.1	.7	.3	.1					6.4	11.5
NW	.1	1.3	1.9	3.7	1.5	.5	.0	.1				9.2	12.8
NNW	.1	1.1	2.1	2.8	1.1	.3	.2	.3				7.7	12.7
VARIABLE													
CALM	////////////////////											3.6	////
TOTALS	3.4	21.2	31.0	29.2	8.4	2.4	.6	.2				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 7200

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: DEC HOURS (LST): 0000-0200

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	.4	1.8	2.8	7.0	1.8	.6						10.5	12.0
NNE	.6	.2	.8	.3								1.9	6.5
NE	.1	.3	.8									1.2	7.1
ENE	.3	.9	.3	.2								1.7	6.0
E	.2	.9	.3									1.4	5.4
ESE	.1	.5	.4	.3								1.4	7.5
SE	.1	1.0	1.0	1.6	.1							3.8	9.8
SSE	.3	.8	3.3	3.9	1.8	.4						10.5	12.4
S	.9	4.8	8.4	4.3	.4							18.8	8.6
SSW	.1	1.6	1.1	.4	.1							3.3	7.2
SW	.2	1.8	1.0	1.3	.2							4.5	8.4
WSW	.4	1.4	1.2	.5								3.5	6.9
W	.1	2.7	2.4	1.4	.4	.3	.1					7.4	9.3
WNW	.3	1.8	2.4	1.3		.2						6.0	8.5
NW	.2	1.2	2.7	5.3	1.6							9.0	11.8
NNW	.1	.8	2.0	3.5	.9	.5	.1					8.1	12.9
VARIABLE													
CALM	////////////////////											6.8	////
TOTALS	4.6	22.5	30.8	25.5	7.4	2.3	.2					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: DEC HOURS (LST): 0300-0500

DIRECTION (DLG:DES)	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	1.4	2.0	3.5	1.3	.3						8.9	11.7
NNE	.2	.8	1.0	.4	.1							2.5	8.1
NE	.2	.9	.5	.5								2.2	7.3
ENE		.6	.3	.2								1.2	7.3
E	.2	.3	.6									1.2	6.5
ESE	.2	.2	.9	.4								1.7	7.9
SE	.2	1.1	.9	1.4	.1							3.7	9.1
SSE	.2	1.4	3.3	3.9	2.2	.3						11.3	12.1
S	.3	5.7	6.6	4.2	.1							16.9	8.4
SSW	.2	1.7	1.9	.3								4.2	6.9
SW	.1	1.5	.6	.5	.1							2.9	7.6
WSW	.3	1.8	1.7	.8								4.6	7.3
W	.5	1.5	3.4	1.8	.1							7.4	6.5
WNW	.3	1.2	2.3	1.8	.5	.1						6.3	9.9
NW		1.6	2.5	2.7	1.5	.7						8.6	11.5
NNW	.2	1.2	2.3	3.5	1.1	.8	.2					9.2	12.7
VARIABLE													
CALM	////////////////////											7.2	////
TOTALS	3.7	23.0	30.9	26.1	7.1	1.8	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOPAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: DEC 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	.6	1.6	2.5	4.6	1.9	.9	.1	.1				12.3	12.5
NNE		1.0	.5		.3	.1						1.9	9.2
NE	.3	.8	.5	.2								1.8	6.5
ENE		.1	.3	.3								.8	10.1
E	.1	.5	.5	.2								1.4	7.5
ESE	.1	1.0	.3	.1								1.5	5.8
SE		.6	1.4	1.5	.3							3.9	10.5
SSE	.1	1.7	3.0	3.5	2.2	.2						10.8	11.8
S	.3	3.5	7.2	4.3	.3							15.7	6.8
SSW	.1	2.3	2.0	.3								4.7	7.1
SW	.3	1.8	1.5	.5								4.2	7.2
WSW	.2	1.3	.9	.1								2.5	6.4
W	.6	1.2	4.0	.9								6.7	7.8
WNW	.1	.9	2.0	1.3	.1	.4						4.8	10.6
NW	.8	1.7	2.8	3.4	.6	.9						10.2	11.2
NNW	.3	.9	2.3	3.0	1.9	.3	.3	.1				9.1	13.3
VARIABLE													
CALM	////////////////////										7.7	////	
TOTALS	4.1	20.9	31.8	24.4	7.7	2.7	.4	.2				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 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	.2	1.7	3.0	3.7	1.4	.8	.1					10.4	12.7
NNE	.1	.6	.4	.2								1.4	7.2
NE	.2	.6	.8									1.6	6.3
ENE	.2	.8	.3	.2								1.5	6.1
E	.2	.6	.3	.1								1.3	6.4
ESE		.4	.4	.6								1.5	9.4
SE		.8	.8	1.1	.2							2.8	10.2
SSE	.2	1.9	1.7	4.6	2.4	1.0						11.8	12.9
S	.1	3.9	5.3	4.4	.9	.1						14.6	9.6
SSW	.1	1.2	2.4	1.0								4.6	8.3
SW	.5	1.7	1.6	.5								4.4	7.2
WSW	.3	.6	2.3	.5	.1							3.9	8.2
W	.5	2.3	3.1	1.9	.3							6.2	8.7
WNW	.4	.8	1.3	2.2	.6	.1						5.4	11.2
W	.5	1.4	2.4	2.6	1.4	.2	.1					8.8	11.1
WNW	.1	1.3	2.4	4.3	1.6	1.4	.8					11.8	14.5
VARIABLE													
CALM	////////////////////											5.9	////
TOTALS	4.1	20.2	28.4	28.0	8.9	3.5	1.0					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 930

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: 72753D STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: DEC 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	.4	1.5	2.5	3.2	2.6	.9	.2					11.3	13.3
NNE	.1	.9	1.2	.2								2.4	7.3
NE	.1	.3	1.1	.1								1.6	7.5
ENE		.4	.4									.9	6.4
E		.6	.5	.5								1.7	9.4
ESE	.2	.4	.5	.5								1.7	6.1
SE	.1	.2	.8	.6	.5							2.3	11.5
SSE	.1	1.1	1.6	4.5	1.8	.9						10.0	13.5
S	.2	1.8	4.0	4.6	1.3	.9	.1					12.9	11.9
SSW	.2	1.0	2.0	1.0	.2							4.4	8.6
SW	.1	1.3	1.5	1.0								3.9	8.7
WSW	.4	1.0	2.0	1.2								4.6	8.4
W	.1	1.2	3.3	2.7	.4	.1						7.8	10.2
WNW	.4	1.0	1.7	3.6	1.7	.3						8.9	12.6
W	.4	1.1	1.6	3.1	1.8	.5	.1					8.7	13.0
NW	.1	.9	2.8	4.6	2.9	1.4	.1					12.8	14.3
VARIABLE													
CALM	////////////////////											4.1	////
TOTALS	3.1	14.6	27.6	31.7	13.3	4.9	.5					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOEAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: DEC 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	.2	3.1	2.0	3.3	1.8	1.4						11.9	12.3
NNE		.9	1.3	.4								2.6	7.5
NEL		.8										.8	4.9
ENE	.3	.8	.5									1.6	5.4
E	.2	.3	.9	.3								1.7	7.8
ESE	.3	.6	.3									1.3	5.5
SE	.1	.9	.5	.6	.3	.1	.1					2.7	11.0
SSE	.5	.9	2.4	3.5	2.0	1.2	.1					10.6	13.6
S	.2	2.8	5.5	3.8	.8	.3						13.3	10.1
SSW	.3	.6	1.8	.8								3.5	8.3
SW	.8	1.1	1.0	.5								3.3	6.7
WSW	.5	1.4	1.9	.9								4.7	7.4
W		1.4	3.0	1.0	.3	.2						5.9	9.7
WNW	.4	.8	3.0	2.9	1.1	.2						8.4	11.3
NW	.2	1.8	3.1	2.4	1.1	.7	.1					9.6	11.7
NNW	.3	2.7	3.3	4.0	1.8	1.9						12.7	13.3
VARIABLE													
CALM	////////////////////											5.3	////
TOTALS	4.5	19.4	30.6	24.4	9.7	6.7	.3					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: DEC HOURS(LST): 1800-2000

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	.4	2.6	2.7	3.1	1.5	.9						11.2	11.3
NNE	.1	1.2	.3	.4								2.0	6.8
NE	.3	1.0	.2									1.5	5.3
ENE		1.1	.3									1.4	5.6
E		1.3	.9	.1								2.3	6.5
ESE	.2	1.0	.3	.1								1.6	5.6
SE	.2	1.1	.6	.8	.1	.1						2.9	9.1
SSE	.3	1.4	1.8	4.5	1.7	1.7	.3					11.1	13.4
S	.5	3.0	4.2	3.8	.9	.3						12.7	9.9
SSW	.1	1.4	2.3	.5	.2							4.5	8.3
SW	.5	1.6	1.3	1.4	.2							5.1	8.0
WSW	.6	1.7	1.2	.5	.2							4.3	7.1
W	.3	2.5	2.6	.3	.3	.1	.2					6.3	8.5
WNW	.2	1.7	2.6	1.6	.4							6.1	9.6
NW	.5	1.8	2.5	3.1	.8	.6						9.4	10.9
NNW	.4	1.9	1.4	2.0	1.7	1.5	.1					9.1	13.3
VARIABLE													
CALM	////////////////////											8.5	////
TOTALS	4.9	25.6	25.2	22.4	8.1	4.5	.6					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 930

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: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: DEC HOURS(LST): 2100-2300

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	1.7	2.4	3.0	1.3	1.7						9.1	12.7
NNE	.3	.8	.6	.2								1.9	6.7
NE	.3	.9	.2									1.4	5.2
NNE	.2	1.2										1.4	4.6
E		.8	.6	.2								1.6	7.2
ESE	.1	.9	.3	.2								1.5	6.4
SE	.1	1.1	1.4	1.1								3.7	8.1
SE	.6	1.9	3.1	4.2	1.7	.4						12.0	11.6
S	.9	4.0	6.2	4.9	.5	.3						16.9	9.2
SSW	.1	1.3	1.7	.4	.4							4.0	8.7
SW	.2	1.2	1.8	.8	.1							4.1	9.0
WSW	.6	1.7	2.5	.4	.2							5.6	7.5
W	.4	2.4	2.3	.8	.5	.3						6.9	8.9
WNW	.1	2.0	2.2	1.8	.1							6.2	8.8
NW	.4	1.9	2.0	2.5	1.3	.1						8.3	10.8
NNW	.6	1.7	1.7	2.7	2.3	.5						9.1	12.6
VARIABLE													
CALM	////////////////////											6.3	////
TOTALS	5.4	24.7	29.1	23.2	8.5	2.7						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 77-86
 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
N	.4	1.8	2.5	3.4	1.7	.8	.1	.0			10.7	12.3
NNE	.2	.8	.8	.3	.1	.0					2.1	7.4
NE	.2	.7	.5	.1							1.5	6.4
ENE	.1	.7	.3	.1							1.5	6.2
E	.1	.7	.6	.2							1.6	7.0
ESE	.2	.6	.4	.3							1.5	7.1
SE	.1	.8	.9	1.1	.2	.0	.0				3.2	9.8
SSE	.3	1.4	2.5	4.1	2.0	.7	.1				11.0	12.6
S	.4	3.7	5.9	4.3	.6	.2	.0				15.2	9.4
SSW	.2	1.4	1.9	.6	.1						4.2	7.9
SW	.3	1.5	1.3	.8	.1						4.0	7.7
WSW	.4	1.4	1.7	.6	.1						4.2	7.5
W	.3	1.9	3.0	1.3	.3	.1	.0				7.1	8.9
WNW	.3	1.7	2.2	2.1	.6	.2					6.5	10.5
NW	.4	1.8	2.4	7.9	1.3	.4	.0				9.1	11.5
NNW	.3	1.2	2.3	7.5	1.8	1.1	.2	.0			10.3	13.4
VARIABLE												
CALM	////////////////////										6.5	////
TOTALS	4.3	21.4	29.3	25.7	8.8	3.6	.4	.0			100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 7440

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87
 MONTH: 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	.4	2.1	3.2	3.8	1.5	.6	.1	.0				11.7	11.6
NNE	.3	1.1	1.5	1.0	.1	.0						4.0	8.7
NE	.2	1.2	1.3	.5	.0	.0						3.3	7.6
NNE	.3	1.3	1.0	.4	.0	.0						3.0	7.2
E	.3	1.3	1.1	.4	.0	.0						3.2	7.2
ESE	.3	1.3	1.2	.5	.0	.0						3.3	7.4
SE	.2	1.2	2.2	2.3	.6	.1	.0					6.5	10.6
SSE	.2	1.3	3.2	5.3	1.8	.6	.0					12.5	12.4
S	.4	2.9	4.5	3.6	.8	.2	.0					12.5	9.8
SSW	.2	1.1	1.3	.6	.1	.0	.0					3.4	8.3
SW	.2	1.1	1.0	.5	.1	.0						2.9	7.8
WSW	.2	1.0	1.1	.5	.1	.0	.0					3.0	8.0
W	.3	1.5	1.7	1.2	.3	.1	.0	.0	.0			5.0	9.1
WNW	.2	1.1	1.5	1.4	.5	.1	.0	.0				5.0	10.4
NW	.3	1.2	2.2	2.3	.8	.3	.0	.0				7.2	11.1
NNW	.2	1.4	2.4	3.0	1.2	.5	.1	.0				9.0	10.1
VARIABLE													
CALM	////////////////////											4.6	////
TOTALS	4.3	22.2	30.4	27.4	8.1	2.6	.4	.1	.0			100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 87642

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87
 MONTH: ALL HOURS/DAYS: ALL

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

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			
N	.3	1.9	4.0	7.3	4.8	2.4	.4	.0		21.1	14.4	
NNE	.2	1.3	2.4	1.7	.4	.1				6.2	9.9	
NE	.3	1.6	1.5	.6	.1	.0				4.1	7.7	
NENE	.1	1.3	1.4	.7	.1	.0				3.7	8.5	
E	.2	1.2	1.4	.8	.1					3.7	8.2	
ESE	.2	1.0	1.2	.6	.0					3.0	7.9	
SE	.1	.9	1.9	2.3	.5	.1	.0			5.9	11.0	
SSE	.2	1.0	2.7	4.8	1.8	.7	.1			11.1	13.1	
S	.2	1.6	2.8	2.0	.4	.1				7.1	9.6	
SSW	.1	.5	.4	.2	.0	.0	.0			1.2	8.1	
SW	.1	.4	.4	.1	.0	.0				1.1	7.8	
WSW	.1	.4	.4	.4	.0	.0				1.4	8.7	
W	.1	.6	.7	.6	.2	.0				2.4	12.0	
WNW	.2	.6	.8	.7	.5	.2	.1	.0		3.1	12.0	
NW	.2	.9	1.8	2.4	1.5	.5	.1	.0		7.3	13.0	
NNW	.2	.9	2.8	1.3	3.2	1.7	.4	.1		14.6	14.9	
VARIABLE												
CALM	////////////////////										2.9	////
TOTALS	2.9	16.1	26.7	37.6	15.4	6.7	1.0	.		100.0	11.7	

TOTAL NUMBER OF OBSERVATIONS: 10025

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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 10 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM FOURLY 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 10THS 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 10THS FOR PRESENTATION ARE:

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

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: JAN HOURS(IST): 0000-0200

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	47.0	49.2	50.0	50.1	50.3	50.4	50.4	50.5	50.5	50.9	50.9	50.9	51.0	51.0	51.1	51.2	
GE 2000	48.9	51.4	52.2	52.3	52.5	52.6	52.6	52.7	52.7	53.0	53.0	53.0	53.1	53.1	53.2	53.3	
GE 1800	48.9	51.4	52.2	52.3	52.5	52.6	52.6	52.7	52.7	53.0	53.0	53.0	53.1	53.1	53.2	53.3	
GE 1600	48.9	51.4	52.2	52.3	52.5	52.6	52.6	52.7	52.7	53.0	53.0	53.0	53.1	53.1	53.2	53.3	
GE 1400	49.5	51.9	52.7	52.8	53.0	53.1	53.1	53.2	53.2	53.5	53.5	53.5	53.7	53.7	53.8	53.9	
GE 1200	49.9	52.4	53.1	53.2	53.4	53.5	53.5	53.7	53.7	54.0	54.0	54.0	54.1	54.1	54.2	54.3	
GE 1000	52.6	55.1	55.8	55.9	56.1	56.2	56.2	56.3	56.3	56.7	56.7	56.7	56.8	56.8	56.9	57.0	
GE 900	53.1	55.6	56.3	56.5	56.7	56.8	56.8	56.9	56.9	57.2	57.2	57.2	57.3	57.3	57.4	57.5	
GE 800	54.4	56.9	57.6	57.7	58.0	58.1	58.1	58.2	58.2	58.5	58.5	58.5	58.6	58.6	58.7	58.8	
GE 700	55.9	58.6	59.5	59.7	59.9	60.0	60.1	60.2	60.2	60.5	60.5	60.5	60.6	60.6	60.8	60.9	
GE 600	56.0	58.9	60.2	60.4	60.6	60.8	60.9	61.0	61.0	61.4	61.4	61.4	61.5	61.5	61.6	61.7	
GE 500	57.0	60.5	61.9	62.2	62.4	62.5	62.6	62.7	62.7	63.1	63.1	63.1	63.2	63.2	63.3	63.4	
GE 450	57.6	61.4	63.0	63.3	63.7	63.8	63.9	64.0	64.0	64.4	64.4	64.4	64.5	64.5	64.6	64.7	
GE 400	59.4	62.5	64.1	64.7	65.2	65.4	65.5	65.6	65.6	66.0	66.0	66.0	66.1	66.1	66.2	66.3	
GE 350	59.2	63.8	65.0	66.7	67.1	67.3	67.4	67.5	67.5	68.0	68.0	68.0	68.1	68.1	68.2	68.3	
GE 300	61.3	66.5	69.0	70.0	70.4	70.6	70.8	70.9	70.9	71.3	71.3	71.3	71.4	71.4	71.5	71.6	
GE 250	64.6	70.3	73.4	74.5	74.9	75.2	75.4	75.5	75.5	75.9	75.9	75.9	76.0	76.0	76.1	76.2	
GE 200	67.2	73.5	76.7	77.8	78.4	78.6	79.0	79.1	79.1	79.6	79.7	79.7	79.8	79.8	79.9	80.0	
GE 150	69.7	75.2	78.4	79.8	80.4	81.1	81.4	81.5	81.5	82.0	82.2	82.2	82.3	82.3	82.4	82.5	
GE 100	69.8	77.0	80.5	82.3	83.1	83.8	84.2	84.3	84.3	84.8	84.9	84.9	85.1	85.1	85.2	85.3	
GE 50	71.1	78.8	82.6	84.5	85.6	86.2	87.1	87.2	87.2	87.7	87.8	87.8	88.0	88.0	88.1	88.2	
GE 1000	72.0	80.1	83.9	86.1	87.2	88.0	89.2	89.6	89.6	90.1	90.2	90.2	90.3	90.3	90.4	90.5	
GE 900	72.5	81.4	85.2	87.4	88.5	89.2	90.5	91.1	91.1	91.8	91.9	91.9	92.0	92.0	92.2	92.3	
GE 800	72.5	81.6	85.4	87.6	88.9	89.7	91.2	91.7	91.7	92.6	92.8	92.8	93.0	93.0	93.1	93.2	
GE 700	72.9	82.3	86.1	88.4	89.8	90.6	92.3	93.0	93.0	94.0	94.2	94.2	94.4	94.4	94.5	94.6	
GE 600	73.0	82.8	86.8	89.1	90.5	91.5	93.2	94.0	94.0	94.9	95.3	95.3	95.5	95.5	95.6	95.7	
GE 500	73.4	83.2	87.3	89.7	91.2	92.2	94.0	94.7	94.7	95.8	96.2	96.2	96.5	96.5	96.6	96.7	
GE 400	73.5	83.5	87.6	90.0	91.5	92.5	94.3	95.1	95.1	96.2	97.0	97.1	97.4	97.4	97.6	97.7	
GE 300	73.5	83.5	87.6	90.0	91.5	92.5	94.3	95.2	95.2	96.6	97.3	97.4	97.7	97.7	98.0	98.1	
GE 200	73.5	83.5	87.6	90.0	91.5	92.5	94.3	95.3	95.3	96.7	97.4	97.5	98.1	98.1	98.3	98.4	
GE 100	73.5	83.5	87.6	90.0	91.5	92.5	94.3	95.3	95.3	96.7	97.4	97.5	98.4	98.4	98.7	99.2	
GE 0	72.5	83.5	87.6	90.0	91.5	92.5	94.3	95.3	95.3	96.7	97.4	97.5	98.4	98.8	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN FOURS (LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	GE 0	
NO CEIL	45.4	47.3	48.0	48.3	48.5	48.6	48.8	49.0	49.0	49.5	49.5	49.5	49.5	49.5	49.9	
GE 20000	49.5	50.5	51.2	51.7	51.9	52.0	52.3	52.5	52.5	52.9	52.9	52.9	52.9	52.9	53.2	
GE 18000	48.5	50.5	51.2	51.7	51.9	52.0	52.3	52.5	52.5	52.9	52.9	52.9	52.9	52.9	53.2	
GE 16000	48.5	50.5	51.2	51.7	51.9	52.0	52.3	52.5	52.5	52.9	52.9	52.9	52.9	52.9	53.2	
GE 14000	48.8	50.9	51.5	52.0	52.3	52.4	52.6	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.7	
GE 12000	49.2	51.3	51.9	52.5	52.7	52.8	53.0	53.2	53.2	53.7	53.7	53.7	53.7	53.7	54.0	
GE 10000	51.9	54.4	55.1	55.6	55.9	56.0	56.2	56.5	56.5	56.9	56.9	56.9	56.9	56.9	57.2	
GE 9000	52.6	55.1	55.7	56.2	56.6	56.7	56.9	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.8	
GE 8000	54.0	56.5	57.1	57.6	58.0	58.1	58.3	58.5	58.5	58.9	58.9	58.9	58.9	58.9	59.2	
GE 7000	55.1	57.5	58.2	58.7	59.0	59.2	59.5	59.7	59.7	60.1	60.1	60.1	60.1	60.1	60.4	
GE 6000	55.8	58.4	59.2	59.8	60.2	60.4	60.6	60.9	60.9	61.3	61.3	61.3	61.3	61.3	61.6	
GE 5000	58.0	60.5	61.6	62.2	62.6	62.8	63.0	63.2	63.2	63.7	63.7	63.7	63.7	63.7	64.0	
GE 4500	59.2	62.2	63.2	63.8	64.2	64.4	64.6	64.8	64.8	65.3	65.3	65.3	65.3	65.3	65.6	
GE 4000	59.5	62.5	63.5	64.3	64.9	65.2	65.4	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.3	
GE 3500	60.8	64.1	65.3	66.0	66.8	67.0	67.2	67.4	67.4	67.9	67.9	67.9	67.9	67.9	68.2	
GE 3000	62.6	66.5	67.7	68.6	69.4	69.6	69.8	70.0	70.0	70.5	70.5	70.5	70.5	70.5	70.9	
GF 2500	65.9	70.6	72.3	73.7	74.5	74.7	75.1	75.3	75.3	75.8	75.8	75.8	75.9	75.9	76.2	
GE 2000	68.3	74.1	76.0	77.5	78.5	78.7	79.0	79.2	79.2	79.8	79.8	79.8	79.9	79.9	80.3	
GE 1800	69.4	75.5	77.5	79.1	80.2	80.4	81.0	81.2	81.2	81.7	81.7	81.7	81.8	81.8	82.2	
GE 1500	70.9	77.6	79.8	81.8	82.9	83.1	83.7	83.9	83.9	84.4	84.4	84.4	84.5	84.5	84.8	
GF 1200	72.6	80.3	82.5	84.6	86.0	86.2	86.9	87.1	87.1	87.6	87.6	87.6	87.7	87.7	88.1	
GE 1000	73.4	81.5	83.8	86.1	87.8	88.4	89.1	89.6	89.6	90.1	90.1	90.1	90.2	90.2	90.6	
GE 900	74.0	82.7	84.9	87.3	89.0	89.7	90.4	91.1	91.1	91.6	91.6	91.6	91.7	91.7	92.0	
GE 800	74.3	83.0	85.3	87.7	89.7	90.4	91.2	91.9	91.9	92.5	92.5	92.5	92.6	92.6	92.9	
GE 700	74.6	83.3	85.6	88.2	90.2	91.1	91.9	92.9	92.9	93.7	93.8	93.8	93.9	93.9	94.2	
GF 600	74.8	83.7	86.0	88.6	90.8	91.7	92.7	93.6	93.8	94.8	94.9	94.9	95.1	95.1	95.4	
GE 500	74.9	83.9	86.3	89.0	91.2	92.4	93.3	94.5	94.5	95.9	96.1	96.1	96.2	96.2	96.6	
GE 400	74.9	84.0	86.5	89.4	91.5	92.7	93.7	94.8	94.8	96.2	96.5	96.5	96.9	96.9	97.2	
GE 300	74.9	84.1	86.6	89.7	91.9	93.1	94.3	95.5	95.5	96.9	97.1	97.1	97.5	97.5	97.8	
GE 200	74.9	84.1	86.6	89.7	91.9	93.1	94.3	95.5	95.5	97.0	97.3	97.3	98.2	98.3	98.8	
GE 100	74.9	84.1	86.6	89.7	91.9	93.1	94.3	95.5	95.5	97.0	97.3	97.3	98.6	98.7	99.6	
GE 0	74.9	84.1	86.6	89.7	91.9	93.1	94.3	95.5	95.5	97.0	97.3	97.3	98.6	98.7	99.6	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0600-0800

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	43.0	46.3	47.5	48.2	48.4	48.5	49.0	49.1	49.1	49.2	49.4	49.4	49.4	49.6	49.7	49.7	
GE 20000	43.0	47.3	48.6	49.2	49.5	49.6	50.1	50.2	50.2	50.3	50.4	50.4	50.4	50.6	50.8	50.8	
GE 18000	44.0	47.4	48.7	49.4	49.6	49.7	50.2	50.3	50.3	50.4	50.5	50.5	50.5	50.8	50.9	50.9	
GE 16000	44.0	47.4	48.7	49.4	49.6	49.7	50.2	50.3	50.3	50.4	50.5	50.5	50.5	50.8	50.9	50.9	
GE 14000	44.0	47.4	48.7	49.4	49.6	49.7	50.2	50.3	50.3	50.4	50.5	50.5	50.5	50.8	50.9	50.9	
GE 12000	45.2	48.6	49.9	50.5	50.8	50.9	51.4	51.5	51.5	51.6	51.7	51.7	51.7	51.9	52.0	52.0	
GE 10000	46.8	50.3	51.7	52.4	52.6	52.8	53.3	53.4	53.4	53.5	53.8	53.8	53.8	54.0	54.1	54.1	
GE 9000	47.7	51.4	52.8	53.4	53.7	53.9	54.4	54.5	54.5	54.6	54.8	54.8	54.8	55.1	55.2	55.2	
GE 8000	49.0	52.8	54.2	54.8	55.1	55.3	55.8	55.9	55.9	56.0	56.2	56.2	56.2	56.5	56.6	56.6	
GE 7000	50.2	54.0	55.4	56.1	56.3	56.6	57.1	57.3	57.3	57.4	57.6	57.6	57.6	57.8	58.0	58.0	
GE 6000	51.5	55.6	57.0	58.0	58.2	58.4	58.9	59.1	59.1	59.2	59.5	59.5	59.5	59.7	59.8	59.8	
GE 5000	54.4	58.6	60.3	61.4	61.6	61.8	62.4	62.6	62.6	62.7	62.9	62.9	62.9	63.1	63.2	63.2	
GE 4500	55.8	60.1	61.8	62.9	63.1	63.3	63.9	64.1	64.1	64.2	64.4	64.4	64.4	64.6	64.7	64.7	
GE 4000	56.6	61.2	63.0	64.1	64.4	64.6	65.3	65.5	65.5	65.6	65.8	65.8	65.8	66.0	66.1	66.1	
GE 3500	57.7	62.6	64.6	65.7	66.0	66.2	66.9	67.1	67.1	67.2	67.4	67.4	67.4	67.6	67.7	67.7	
GE 3000	59.1	64.3	66.7	67.7	68.2	68.5	69.1	69.5	69.5	69.6	69.8	69.8	69.8	70.0	70.1	70.1	
GE 2500	61.7	67.5	70.2	71.7	72.5	72.8	73.7	74.0	74.0	74.1	74.3	74.3	74.3	74.5	74.6	74.6	
GE 2000	64.5	70.6	73.8	75.3	76.1	76.5	77.3	77.6	77.6	77.7	78.0	78.0	78.0	78.2	78.3	78.3	
GE 1800	66.3	72.5	75.6	77.2	78.1	78.4	79.2	79.6	79.6	79.7	79.9	79.9	79.9	80.1	80.2	80.2	
GE 1500	69.2	75.7	78.8	80.8	81.6	82.0	83.0	83.4	83.4	83.5	83.8	83.8	83.8	84.0	84.1	84.1	
GE 1200	71.2	78.8	82.0	84.1	85.2	85.7	86.7	87.2	87.2	87.3	87.5	87.5	87.5	87.7	87.8	87.8	
GE 1000	72.4	80.1	83.3	85.4	86.5	87.0	88.0	88.6	88.6	88.8	89.0	89.0	89.2	89.5	89.6	89.6	
GE 900	73.1	81.2	84.4	86.6	87.6	88.2	89.1	89.9	89.9	90.0	90.3	90.3	90.5	90.9	91.1	91.2	
GE 800	73.7	81.8	85.2	87.4	88.5	89.0	90.0	91.0	91.0	91.1	91.6	91.8	91.8	92.2	92.4	92.5	
GE 700	74.0	82.3	85.6	88.0	89.1	89.7	91.0	91.9	92.0	92.1	92.7	92.9	92.9	93.4	93.5	93.5	
GE 600	74.6	82.9	86.2	88.6	89.6	90.1	91.2	92.5	93.7	94.0	94.6	94.8	94.8	95.2	95.4	95.5	
GE 500	74.9	83.5	86.9	89.2	90.9	91.9	93.3	94.5	94.8	95.6	95.8	95.8	96.1	96.3	96.5	96.5	
GE 400	74.9	83.5	86.9	89.4	91.0	92.0	93.4	94.6	94.9	95.9	96.1	96.1	96.5	96.7	96.8	96.8	
GE 300	74.9	83.5	86.9	89.5	91.2	92.3	93.9	95.2	95.5	96.6	96.9	96.9	97.2	97.4	97.5	97.5	
GE 200	74.9	83.5	86.9	89.5	91.2	92.3	93.9	95.2	95.5	96.6	97.0	97.1	98.1	98.5	98.8	98.8	
GE 100	74.9	83.5	86.9	89.5	91.2	92.3	93.9	95.2	95.5	96.6	97.0	97.1	98.2	98.7	99.1	99.2	
GE 0	74.9	83.5	86.9	89.5	91.2	92.3	93.9	95.2	95.5	96.6	97.0	97.1	98.2	98.7	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN 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	GE 1 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 C
NO CEIL	42.0	45.4	46.1	46.9	47.2	47.4	47.4	47.6	47.7	47.7	47.6	48.0	48.0	48.1	48.1	48.3	48.3	
GE 20000	45.4	49.8	50.5	51.4	51.9	52.2	52.4	52.5	52.5	52.6	52.7	52.7	53.1	53.1	53.5	53.5	53.8	53.8
GE 18000	45.8	50.2	51.0	51.6	52.4	52.6	52.8	52.9	52.9	53.0	53.1	53.1	53.5	53.5	53.8	53.8	53.8	53.8
GE 16000	45.8	50.2	51.0	51.8	52.4	52.6	52.8	52.9	52.9	53.0	53.1	53.1	53.5	53.5	53.8	53.8	53.8	53.8
GE 14000	45.8	50.2	51.0	51.8	52.4	52.6	52.8	52.9	52.9	53.0	53.1	53.1	53.5	53.5	53.8	53.8	53.8	53.8
GE 12000	46.0	50.6	51.4	52.3	52.8	53.0	53.2	53.3	53.3	53.5	53.8	53.8	54.2	54.2	54.4	54.4	54.4	54.4
GE 10000	47.2	52.5	53.2	54.1	54.6	54.8	55.1	55.3	55.3	55.5	55.7	55.7	56.1	56.1	56.5	56.5	56.8	56.8
GE 9000	48.2	54.2	54.9	55.8	56.3	56.7	56.9	57.1	57.1	57.3	57.5	57.5	58.0	58.0	58.2	58.2	58.2	58.2
GE 8000	49.6	55.8	56.6	57.4	58.2	58.5	58.7	58.9	58.9	59.1	59.5	59.5	59.9	59.9	60.1	60.1	60.1	60.1
GE 7000	50.4	56.8	57.5	58.5	59.2	59.6	59.8	60.0	60.0	60.4	60.8	60.8	61.2	61.2	61.4	61.4	61.4	61.4
GE 6000	51.8	58.3	59.0	60.0	60.9	61.2	61.4	61.6	61.6	62.0	62.4	62.4	62.9	62.9	63.0	63.0	63.0	63.0
GE 5000	53.9	60.4	61.3	62.3	63.1	63.4	63.7	63.9	63.9	64.3	64.6	64.6	65.1	65.1	65.3	65.3	65.3	65.3
GE 4500	55.3	61.9	62.8	63.8	64.6	64.9	65.3	65.5	65.5	66.0	66.3	66.3	66.9	66.9	67.0	67.0	67.0	67.0
GE 4000	56.1	63.2	64.3	65.3	66.1	66.5	66.9	67.1	67.1	67.6	68.0	68.0	68.4	68.4	68.6	68.6	68.6	68.6
GE 3500	57.1	64.5	65.6	66.7	67.6	68.1	68.5	68.7	68.7	69.2	69.6	69.6	70.0	70.0	70.2	70.2	70.2	70.2
GE 3000	58.0	66.0	67.2	68.3	69.2	69.7	70.1	70.6	70.6	71.2	71.5	71.5	71.9	71.9	72.2	72.2	72.2	72.2
GE 2500	59.8	68.2	69.6	71.1	72.2	72.7	73.2	73.9	73.9	74.4	74.7	74.7	75.2	75.2	75.4	75.4	75.4	75.4
GE 2000	61.2	70.2	72.0	73.8	74.9	75.6	76.5	77.4	77.4	78.0	78.3	78.3	78.7	78.7	78.9	78.9	78.9	78.9
GE 1800	61.6	70.8	72.6	74.4	75.6	76.5	77.1	78.1	78.1	78.6	78.9	78.9	79.4	79.4	79.6	79.6	79.6	79.6
GE 1500	63.7	73.2	75.1	77.1	78.5	79.1	79.8	81.1	81.1	81.7	82.0	82.0	82.5	82.5	82.7	82.7	82.7	82.7
GE 1200	65.1	75.6	77.5	79.6	80.8	81.6	82.4	83.9	84.0	84.7	85.1	85.1	85.5	85.5	85.7	85.7	85.7	85.7
GE 1000	66.0	77.4	79.5	81.6	83.0	84.4	85.3	87.3	87.4	88.3	88.7	88.7	89.1	89.1	89.4	89.4	89.4	89.4
GE 900	67.0	78.6	80.6	82.9	84.4	85.8	87.0	89.0	89.2	90.2	90.6	90.6	91.1	91.1	91.3	91.3	91.3	91.3
GE 800	67.2	79.1	81.2	83.4	84.9	86.5	87.7	89.9	90.1	91.2	91.6	91.6	92.0	92.0	92.3	92.3	92.3	92.3
GE 700	67.2	79.6	81.7	84.0	85.6	87.3	88.8	91.1	91.3	92.5	92.9	92.9	93.3	93.3	93.5	93.5	93.5	93.5
GE 600	67.4	80.0	82.2	84.5	86.7	88.4	89.9	92.4	92.9	94.5	95.1	95.1	95.5	95.5	95.7	95.7	95.7	95.7
GE 500	67.4	80.0	82.2	84.5	86.7	88.4	89.9	92.4	93.2	94.8	95.5	95.5	95.9	95.9	96.1	96.1	96.1	96.1
GE 400	67.4	80.0	82.4	84.7	86.9	88.6	90.1	92.6	93.7	95.4	96.1	96.3	96.8	96.8	97.0	97.0	97.0	97.0
GE 300	67.4	80.0	82.5	84.8	87.0	88.7	90.4	93.3	94.3	96.2	97.1	97.3	97.8	97.8	98.1	98.1	98.1	98.1
GE 200	67.4	80.0	82.5	84.6	87.0	88.7	90.4	93.3	94.3	96.2	97.2	97.6	98.6	98.6	99.0	99.0	99.0	99.0
GE 100	67.4	80.0	82.5	84.8	87.0	88.7	90.4	93.3	94.3	96.2	97.2	97.6	98.6	98.6	99.0	99.0	99.0	99.0
GE 0	67.4	80.0	82.5	84.8	87.0	88.7	90.4	93.3	94.3	96.2	97.2	97.6	98.6	98.6	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: JAN FOURS (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	45.3	47.8	48.2	48.6	49.4	49.7	50.0	50.1	50.1	50.2	50.2	50.3	50.3	50.4	50.5	50.8
GE 20000	49.5	52.6	52.9	53.5	54.4	54.7	55.2	55.3	55.4	55.6	55.8	55.9	56.0	56.5	56.6	56.8
GE 18000	48.5	52.7	53.0	53.7	54.5	54.8	55.3	55.4	55.5	55.7	55.9	56.0	56.1	56.6	56.7	56.9
GE 16000	48.5	52.7	53.0	53.7	54.5	54.8	55.3	55.4	55.5	55.7	55.9	56.0	56.1	56.6	56.7	56.9
GE 14000	48.6	52.9	53.2	53.9	54.7	55.1	55.5	55.6	55.7	55.9	56.1	56.2	56.3	56.8	56.9	57.1
GE 12000	49.7	54.4	54.7	55.4	56.2	56.6	57.0	57.1	57.2	57.4	57.6	57.7	57.8	58.3	58.4	58.6
GE 10000	51.1	56.0	56.3	57.0	57.8	58.2	58.6	58.7	58.8	59.0	59.2	59.4	59.5	59.9	60.0	60.2
GE 9000	51.8	57.0	57.3	58.0	58.8	59.1	59.6	59.7	59.8	60.0	60.2	60.3	60.4	60.9	61.0	61.2
GE 8000	53.0	58.5	58.9	59.6	60.4	60.8	61.3	61.5	61.6	61.8	62.0	62.2	62.3	62.7	62.8	63.0
GE 7000	53.7	59.2	59.7	60.3	61.2	61.5	62.0	62.3	62.4	62.6	62.8	62.9	63.0	63.4	63.5	63.8
GE 6000	54.8	60.6	61.2	61.9	62.8	63.1	63.8	64.0	64.1	64.3	64.5	64.6	64.7	65.2	65.3	65.5
GE 5000	56.0	61.9	62.7	63.4	64.5	64.9	65.6	65.8	65.9	66.1	66.3	66.5	66.6	67.0	67.1	67.3
GE 4500	56.9	63.1	63.9	64.6	65.7	66.1	66.8	67.0	67.1	67.3	67.5	67.6	67.7	68.2	68.3	68.5
GE 4000	57.6	64.0	64.7	65.5	66.6	67.0	67.6	67.8	68.0	68.2	68.4	68.5	68.6	69.0	69.1	69.4
GE 3500	58.4	65.4	66.1	67.0	68.2	68.6	69.2	69.7	69.8	70.0	70.2	70.3	70.4	70.9	71.0	71.2
GE 3000	59.5	67.0	68.0	68.8	70.0	70.4	71.2	71.6	71.7	71.9	72.2	72.3	72.4	72.8	72.9	73.1
GE 2500	61.0	69.5	70.6	71.7	72.9	73.4	74.4	74.9	75.1	75.3	75.5	75.6	75.7	76.1	76.2	76.5
GE 2000	63.4	72.7	74.1	75.5	76.7	77.4	78.7	79.2	79.4	79.6	79.8	79.9	80.0	80.4	80.5	80.8
GE 1800	64.0	73.3	74.8	76.2	77.4	78.2	79.5	80.0	80.1	80.3	80.5	80.6	80.8	81.2	81.3	81.5
GE 1500	64.5	74.5	76.3	77.7	78.9	79.6	81.2	81.9	82.3	83.2	83.4	83.5	83.7	84.1	84.2	84.4
GE 1200	66.5	77.6	79.7	81.2	82.4	83.3	84.9	86.0	86.7	87.6	87.8	88.0	88.2	88.6	88.7	88.9
GE 1000	67.3	79.1	81.2	82.7	84.0	84.9	87.1	88.6	89.4	90.6	91.0	91.2	91.4	91.8	91.9	92.2
GE 900	67.6	79.9	81.9	83.4	84.8	85.8	88.1	89.7	90.4	91.7	92.2	92.4	92.6	93.0	93.1	93.3
GE 800	68.0	80.1	82.4	84.0	85.5	86.6	88.9	90.6	91.5	92.9	93.3	93.5	93.8	94.2	94.3	94.5
GE 700	68.0	80.4	82.7	84.3	85.9	87.1	89.7	91.5	92.4	94.0	94.4	94.6	94.9	95.4	95.5	95.7
GE 600	68.0	80.5	83.1	84.8	86.5	87.8	90.5	92.5	93.4	95.5	96.0	96.5	96.9	97.3	97.4	97.6
GE 500	68.0	80.5	83.1	84.9	86.6	88.1	90.8	92.9	93.9	95.9	96.5	96.9	97.3	97.7	97.8	98.1
GE 400	68.0	80.5	83.1	84.9	86.6	88.2	91.1	93.2	94.3	96.3	96.9	97.3	97.7	98.2	98.3	98.5
GE 300	68.0	80.5	83.1	84.9	86.6	88.2	91.1	93.2	94.3	96.7	97.4	97.8	98.6	99.0	99.1	99.4
GE 200	68.0	80.5	83.1	84.9	86.6	88.2	91.1	93.2	94.3	96.7	97.4	98.0	98.7	99.1	99.2	99.5
GE 100	68.0	80.5	83.1	84.9	86.6	88.2	91.1	93.2	94.3	96.7	97.4	98.0	98.7	99.1	99.4	99.9
GE 0	68.0	80.5	83.1	84.9	86.6	88.2	91.1	93.2	94.3	96.7	97.4	98.0	98.7	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	1 1/2	1	3/4	1/2	5/8	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	10	15	
NO CEIL	43.9	46.2	46.6	46.9	47.6	47.6	47.8	48.0	48.0	48.3	48.4	48.4	48.4	48.5	48.5	48.5			
GE 20000	48.2	51.6	51.9	52.3	53.2	53.2	53.5	53.7	53.7	54.1	54.4	54.4	54.4	54.6	54.6	54.6			
GE 18000	48.4	51.8	52.2	52.5	53.4	53.4	53.8	53.9	53.9	54.3	54.6	54.6	54.6	54.8	54.8	54.8			
GE 16000	48.4	51.8	52.2	52.5	53.4	53.4	53.8	53.9	53.9	54.3	54.6	54.6	54.6	54.8	54.8	54.8			
GE 14000	48.7	52.3	52.6	52.9	53.9	53.9	54.2	54.3	54.3	54.7	55.1	55.1	55.1	55.3	55.3	55.3			
GE 12000	49.4	52.9	53.2	53.7	54.6	54.6	55.1	55.2	55.2	55.6	55.9	55.9	55.9	56.1	56.1	56.1			
GE 10000	50.8	54.5	54.9	55.6	56.7	56.6	57.3	57.4	57.4	57.6	58.2	58.2	58.2	58.4	58.4	58.4			
GE 9000	51.7	55.7	56.1	56.9	58.0	58.1	58.6	58.7	58.7	59.1	59.5	59.5	59.5	59.7	59.7	59.7			
GE 8000	52.9	57.2	57.6	58.3	59.5	59.6	60.1	60.2	60.2	60.8	61.1	61.1	61.1	61.3	61.3	61.3			
GE 7000	54.7	59.4	59.8	60.4	61.6	61.7	62.4	62.5	62.5	63.0	63.3	63.3	63.3	63.5	63.5	63.5			
GE 6000	56.1	60.9	61.3	62.0	63.2	63.3	64.1	64.2	64.2	64.7	65.1	65.1	65.1	65.3	65.3	65.3			
GE 5000	58.0	63.0	63.4	64.2	65.4	65.5	66.3	66.5	66.5	67.0	67.3	67.3	67.3	67.5	67.5	67.5			
GE 4500	58.5	63.8	64.4	65.2	66.3	66.5	67.4	67.5	67.5	68.1	68.4	68.4	68.4	68.6	68.6	68.6			
GE 4000	58.9	64.2	65.1	65.8	67.0	67.1	68.1	68.3	68.4	68.9	69.2	69.2	69.2	69.5	69.5	69.5			
GE 3500	60.0	65.6	66.6	67.3	68.7	68.8	69.9	70.1	70.3	70.9	71.2	71.2	71.2	71.4	71.4	71.4			
GE 3000	62.0	68.1	69.0	69.8	71.3	71.4	72.5	72.8	73.0	73.7	74.0	74.0	74.0	74.2	74.2	74.2			
GE 2500	63.1	69.7	70.9	71.6	73.4	73.5	74.7	75.2	75.4	76.2	76.6	76.7	76.7	76.9	76.9	76.9			
GE 2000	65.1	71.8	73.1	73.9	75.8	76.1	77.7	78.3	78.5	79.5	79.8	79.9	79.9	80.1	80.1	80.1			
GE 1900	66.1	72.9	74.2	74.9	76.9	77.3	78.9	79.5	79.7	80.6	81.0	81.1	81.1	81.3	81.3	81.3			
GE 1800	67.1	74.2	75.8	76.8	78.8	79.6	81.3	82.4	82.8	83.8	84.2	84.3	84.3	84.5	84.5	84.5			
GE 1700	69.6	77.1	79.1	80.5	82.7	83.5	85.4	86.5	86.9	88.0	88.4	88.5	88.5	88.7	88.7	88.7			
GE 1600	70.4	78.1	80.2	81.8	84.2	85.2	87.5	88.6	89.1	90.5	91.5	91.6	91.7	91.9	91.9	91.9			
GE 1500	70.9	78.7	81.0	82.6	84.9	85.9	88.4	89.7	90.2	92.0	92.8	92.9	93.0	93.2	93.3	93.3			
GE 1400	71.3	79.2	81.8	83.4	85.9	86.9	89.5	91.0	91.5	93.5	94.3	94.4	94.6	94.8	94.9	94.9			
GE 1300	71.6	79.6	82.2	83.8	86.2	87.2	89.9	91.6	92.6	94.8	95.9	96.0	96.2	96.5	96.6	96.6			
GE 1200	71.7	79.6	82.6	84.5	87.0	88.0	90.6	92.6	93.3	95.6	96.8	96.9	97.2	97.4	97.5	97.5			
GE 1100	71.7	79.9	82.7	84.6	87.1	88.1	90.8	92.8	93.7	96.0	97.3	97.4	97.7	98.0	98.1	98.1			
GE 1000	71.7	79.9	82.7	84.6	87.3	88.3	91.0	93.0	93.9	96.2	97.5	97.6	98.0	98.2	98.3	98.6			
GE 900	71.7	79.9	82.7	84.6	87.3	88.3	91.0	93.0	93.9	96.3	97.6	97.7	98.1	98.3	98.4	98.7			
GE 800	71.7	79.9	82.7	84.6	87.3	88.3	91.0	93.0	93.9	96.3	98.1	98.2	98.7	98.9	99.0	99.4			
GE 700	71.7	79.9	82.7	84.6	87.3	88.3	91.0	93.0	93.9	96.3	98.1	98.2	98.7	98.9	99.0	99.4			
GE 600	71.7	79.9	82.7	84.6	87.3	88.3	91.0	93.0	93.9	96.3	98.1	98.2	98.7	98.9	99.0	100.0			

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1900-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	GE 0	GE 0	GE 0	
NO CEIL	47.3	49.2	49.7	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.3	50.3	50.3	
GE 20000	49.9	51.8	52.3	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2	
GE 18000	49.9	51.8	52.3	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2	
GE 16000	49.9	51.8	52.3	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2	
GE 14000	50.3	52.3	52.7	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.7	53.7	53.7	
GE 12000	51.3	53.3	53.8	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.7	54.7	54.7	
GE 10000	52.9	55.2	55.7	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.3	57.3	
GE 9000	53.4	55.7	56.2	56.9	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8	
GE 8000	54.8	57.2	57.7	58.4	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.4	59.4	59.4	
GE 7000	56.5	59.9	60.9	61.6	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.6	
GE 6000	57.4	60.9	61.8	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.7	63.7	63.7	
GE 5000	59.6	63.3	64.4	65.4	66.2	66.2	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.6	66.6	66.6	
GE 4500	60.8	64.7	66.0	67.0	67.8	67.8	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	
GE 4000	62.0	66.2	67.5	68.5	69.4	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7	
GE 3500	63.0	67.5	69.1	70.1	71.0	71.0	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.3	
GE 3000	64.4	69.5	71.4	72.5	73.3	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.8	73.8	73.8	
GE 2500	66.0	71.7	73.7	74.7	75.8	76.0	76.1	76.1	76.1	76.1	76.2	76.5	76.5	76.5	76.6	76.6	76.6	
GE 2000	69.0	75.6	77.6	78.7	80.0	80.2	80.4	80.6	80.6	80.8	80.9	81.1	81.1	81.1	81.2	81.2	81.2	
GE 1800	69.7	76.3	78.4	79.7	81.1	81.3	81.6	81.8	81.8	81.9	82.0	82.3	82.3	82.3	82.4	82.4	82.4	
GE 1500	71.4	78.8	81.3	82.7	84.1	84.5	84.8	85.3	85.3	85.4	85.5	85.7	85.7	85.7	85.8	85.8	85.8	
GE 1200	72.5	80.2	82.7	84.3	86.1	86.7	87.1	87.6	87.6	87.7	87.8	88.2	88.2	88.2	88.3	88.3	88.3	
GE 1000	73.3	81.7	84.3	86.2	88.3	88.9	89.8	91.0	91.0	91.2	91.3	91.6	91.6	91.6	91.7	91.7	91.7	
GE 900	73.8	82.2	84.7	86.7	88.8	89.7	90.6	91.8	91.8	92.2	92.3	92.7	92.7	92.7	92.8	92.8	92.8	
GE 800	74.2	83.0	85.9	88.0	90.1	91.0	91.9	93.2	93.2	93.5	93.7	94.1	94.1	94.1	94.3	94.3	94.3	
GE 700	74.4	83.8	86.9	88.9	91.3	92.2	93.1	94.6	94.6	95.3	95.8	96.2	96.2	96.2	96.3	96.3	96.3	
GE 600	74.5	83.9	87.1	89.1	91.6	92.6	93.5	95.1	95.1	95.7	96.2	96.7	96.7	96.7	96.8	96.8	96.8	
GE 500	74.8	84.3	87.5	89.7	92.2	93.1	94.1	95.6	95.6	96.2	96.9	97.2	97.2	97.2	97.3	97.3	97.3	
GE 400	74.8	84.3	87.5	89.7	92.2	93.1	94.3	96.0	96.0	96.7	97.2	97.6	97.6	97.6	97.7	97.7	97.7	
GE 300	74.8	84.3	87.5	89.7	92.2	93.1	94.3	96.1	96.2	96.9	97.4	97.8	97.8	97.8	98.0	98.0	98.0	
GE 200	74.8	84.3	87.5	89.7	92.2	93.1	94.3	96.2	96.3	97.0	97.7	98.2	98.3	98.3	98.4	98.4	98.4	
GE 100	74.8	84.3	87.5	89.7	92.2	93.1	94.3	96.2	96.3	97.0	97.7	98.2	98.4	98.4	98.6	98.6	98.6	
GE 0	74.8	84.3	87.5	89.7	92.2	93.1	94.3	96.2	96.3	97.7	97.7	98.2	98.4	98.4	98.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 2100-2300

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	47.1	49.7	50.0	50.3	50.6	50.8	51.2	51.3	51.3	51.4	51.4	51.4	51.8	51.8	51.8	51.8
GE 20000	49.0	51.6	52.0	52.4	52.9	53.0	53.4	53.5	53.5	53.7	53.7	53.7	54.1	54.1	54.1	54.1
GE 18000	49.0	51.6	52.0	52.4	52.9	53.0	53.4	53.5	53.5	53.7	53.7	53.7	54.1	54.1	54.1	54.1
GE 16000	49.0	51.6	52.0	52.4	52.9	53.0	53.4	53.5	53.5	53.7	53.7	53.7	54.1	54.1	54.1	54.1
GE 14000	49.2	51.8	52.3	52.6	53.1	53.2	53.7	53.8	53.8	53.9	53.9	53.9	54.3	54.3	54.3	54.3
GE 12000	50.4	53.0	53.4	53.8	54.3	54.4	54.8	54.9	54.9	55.1	55.1	55.1	55.5	55.5	55.5	55.5
GE 10000	53.2	55.8	56.3	56.8	57.3	57.4	57.8	58.0	58.0	58.1	58.1	58.1	58.5	58.5	58.5	58.5
GE 9000	53.5	56.2	56.8	57.2	57.7	57.8	58.3	58.4	58.4	58.5	58.5	58.5	58.9	58.9	58.9	58.9
GE 8000	54.6	57.4	58.0	58.4	58.9	59.0	59.5	59.6	59.6	59.7	59.7	59.7	60.1	60.1	60.1	60.1
GE 7000	55.7	58.7	59.4	59.8	60.3	60.4	60.9	61.0	61.0	61.1	61.1	61.1	61.5	61.5	61.5	61.5
GE 6000	56.2	59.9	60.5	61.0	61.5	61.6	62.0	62.2	62.2	62.3	62.3	62.3	62.7	62.7	62.7	62.7
GE 5000	57.8	62.4	63.1	63.7	64.3	64.4	64.8	64.9	64.9	65.1	65.1	65.1	65.5	65.5	65.5	65.5
GE 4500	58.5	63.4	64.2	64.8	65.5	65.6	66.0	66.1	66.1	66.2	66.2	66.2	66.7	66.7	66.7	66.7
GE 4000	60.1	65.3	66.1	66.8	67.5	67.6	68.1	68.2	68.2	68.3	68.3	68.3	68.7	68.7	68.7	68.7
GE 3500	61.1	66.9	67.8	68.6	69.4	69.5	69.9	70.0	70.0	70.1	70.1	70.1	70.5	70.5	70.5	70.5
GE 3000	63.7	70.0	71.1	71.9	72.7	72.8	73.2	73.3	73.3	73.4	73.4	73.4	73.9	73.9	73.9	73.9
GE 2500	65.9	73.2	74.5	75.5	76.6	76.7	77.1	77.2	77.2	77.3	77.3	77.3	77.7	77.7	77.7	77.7
GE 2000	68.2	76.2	77.6	78.7	79.9	80.0	80.4	80.6	80.6	80.8	80.8	80.8	81.2	81.2	81.2	81.2
GE 1800	69.4	77.6	79.0	80.2	81.6	81.7	82.3	82.5	82.5	82.6	82.6	82.6	83.0	83.0	83.0	83.0
GE 1500	71.1	80.4	82.0	83.4	85.2	85.3	85.8	86.2	86.2	86.3	86.3	86.3	86.8	86.8	86.8	86.8
GE 1200	72.6	82.6	84.2	86.1	88.2	88.3	88.8	89.2	89.2	89.4	89.4	89.4	89.8	89.8	89.8	89.8
GE 1000	72.9	83.7	85.7	88.1	90.3	90.5	91.2	91.9	91.9	92.2	92.2	92.2	92.6	92.6	92.6	92.6
GE 900	73.2	84.1	86.3	88.7	91.2	91.4	92.2	93.2	93.2	93.4	93.4	93.4	93.9	93.9	93.9	93.9
GE 800	73.8	84.9	87.3	89.9	92.6	92.9	93.7	94.7	94.7	95.1	95.1	95.1	95.5	95.5	95.5	95.5
GE 700	74.1	85.5	88.0	90.6	93.4	93.8	94.5	95.6	95.6	95.9	96.0	96.0	96.5	96.5	96.5	96.5
GE 600	74.1	85.7	88.3	91.0	93.9	94.2	94.9	96.0	96.0	96.3	96.5	96.5	97.0	97.0	97.0	97.0
GE 500	74.4	86.0	88.6	91.3	94.1	94.5	95.3	96.5	96.5	96.9	97.0	97.0	97.5	97.5	97.5	97.5
GE 400	74.5	86.1	88.8	91.6	94.4	94.8	95.6	96.9	96.9	97.4	97.5	97.5	98.1	98.1	98.1	98.1
GE 300	74.5	86.1	88.8	91.6	94.4	94.8	95.6	96.9	96.9	97.4	97.6	97.6	98.2	98.2	98.2	98.2
GE 200	74.5	86.1	88.8	91.6	94.5	94.9	95.7	97.1	97.1	97.6	97.8	97.8	98.4	98.5	98.5	98.7
GE 100	74.5	86.1	88.8	91.6	94.5	94.9	95.7	97.1	97.1	97.6	97.8	97.8	98.4	98.5	98.8	99.2
GE	74.5	86.1	88.8	91.6	94.5	94.9	95.7	97.1	97.1	97.6	97.8	97.8	98.5	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN 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	45.1	47.7	48.3	48.7	49.0	49.1	49.4	49.5	49.5	49.7	49.7	49.7	49.8	49.9	50.0	50.1	
GE 2000	47.8	50.8	51.5	51.9	52.4	52.5	52.8	52.9	52.9	53.1	53.2	53.3	53.4	53.5	53.6	53.7	
GE 1800	47.9	50.9	51.6	52.0	52.5	52.6	52.9	53.0	53.0	53.3	53.3	53.4	53.5	53.6	53.7	53.8	
GE 1600	47.9	50.9	51.6	52.0	52.5	52.6	52.9	53.0	53.0	53.3	53.3	53.4	53.5	53.6	53.7	53.8	
GE 1400	48.1	51.2	51.8	52.3	52.8	52.9	53.2	53.3	53.3	53.5	53.6	53.6	53.8	53.9	54.0	54.1	
GE 1200	48.9	52.1	52.7	53.2	53.7	53.8	54.1	54.2	54.2	54.4	54.5	54.6	54.7	54.8	54.9	55.0	
GE 1000	50.8	54.2	54.9	55.5	56.0	56.2	56.5	56.6	56.6	56.8	56.9	57.0	57.1	57.2	57.3	57.4	
GE 900	51.5	55.1	55.8	56.3	56.9	57.1	57.4	57.5	57.5	57.7	57.9	57.9	58.0	58.1	58.2	58.3	
GE 800	52.8	56.5	57.2	57.8	58.4	58.5	58.9	59.0	59.0	59.2	59.4	59.4	59.5	59.7	59.8	59.8	
GE 700	54.0	58.0	58.8	59.4	60.0	60.2	60.5	60.7	60.7	60.9	61.1	61.1	61.2	61.3	61.5	61.5	
GE 600	55.0	59.2	60.0	60.7	61.4	61.5	61.9	62.0	62.1	62.3	62.5	62.5	62.6	62.7	62.8	62.9	
GE 500	56.8	61.3	62.4	63.1	63.8	64.0	64.3	64.5	64.5	64.8	64.9	64.9	65.1	65.2	65.3	65.4	
GE 450	57.8	62.6	63.7	64.4	65.1	65.3	65.7	65.9	65.9	66.2	66.3	66.3	66.5	66.6	66.7	66.8	
GE 400	58.7	63.6	64.8	65.6	66.4	66.6	67.0	67.2	67.2	67.5	67.6	67.7	67.8	67.9	68.0	68.1	
GE 350	59.7	65.0	66.4	67.3	68.1	68.3	68.8	69.0	69.0	69.3	69.4	69.4	69.6	69.7	69.8	69.9	
GE 300	61.3	67.2	68.8	69.7	70.6	70.8	71.3	71.5	71.6	71.9	72.0	72.1	72.2	72.3	72.4	72.5	
GE 250	63.5	70.1	71.9	73.1	74.1	74.4	75.0	75.3	75.3	75.6	75.8	75.8	76.0	76.1	76.2	76.3	
GE 200	65.9	73.1	75.1	76.4	77.5	77.9	78.6	79.0	79.1	79.4	79.6	79.7	79.8	79.9	80.0	80.1	
GE 180	66.9	74.3	76.3	77.7	78.9	79.4	80.1	80.5	80.6	80.9	81.1	81.2	81.3	81.4	81.5	81.6	
GE 150	68.5	76.4	78.7	80.3	81.6	82.2	83.0	83.5	83.7	84.2	84.3	84.4	84.5	84.6	84.7	84.8	
GE 120	70.1	78.9	81.3	83.1	84.6	85.2	86.2	86.8	87.0	87.5	87.7	87.8	87.9	88.0	88.1	88.2	
GE 100	71.0	80.2	82.7	84.8	86.4	87.2	88.4	89.4	89.6	90.3	90.5	90.6	90.8	90.9	91.0	91.1	
GE 90	71.5	81.1	83.6	85.7	87.4	88.2	89.5	90.7	90.9	91.7	91.9	92.0	92.2	92.3	92.5	92.5	
GE 80	71.9	81.6	84.3	86.4	88.3	89.1	90.5	91.8	92.0	92.9	93.1	93.2	93.5	93.6	93.7	93.8	
GE 70	72.1	82.1	84.8	87.0	89.0	89.9	91.4	92.6	93.1	94.1	94.5	94.6	94.8	94.9	95.1	95.1	
GE 60	72.3	82.4	85.3	87.5	89.6	90.7	92.2	93.7	94.1	95.3	95.7	95.8	96.1	96.2	96.4	96.4	
GE 50	72.5	82.7	85.6	87.9	90.0	91.1	92.7	94.2	94.6	95.9	96.4	96.5	96.8	96.9	97.1	97.1	
GE 40	72.5	82.7	85.7	88.1	90.2	91.3	92.9	94.6	94.9	96.3	96.9	97.0	97.4	97.5	97.6	97.8	
GE 30	72.5	82.8	85.7	88.1	90.3	91.4	93.1	94.8	95.2	96.7	97.3	97.5	97.9	98.0	98.1	98.3	
GE 20	72.5	82.8	85.7	88.1	90.3	91.4	93.1	94.9	95.3	96.8	97.5	97.7	98.4	98.6	98.8	99.0	
GE 10	72.5	82.8	85.7	88.1	90.3	91.4	93.1	94.9	95.3	96.8	97.5	97.7	98.5	98.7	99.1	99.5	
GE 0	72.5	82.8	85.7	88.1	90.3	91.4	93.1	94.9	95.3	96.8	97.5	97.7	98.5	98.8	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: FEB FOUR (LAST): 0000-0200

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	43.9	46.3	46.7	47.0	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.9	
GE 20000	45.2	47.6	48.0	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.2	
GE 18000	45.3	47.8	48.1	48.5	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.3	
GE 16000	45.3	47.8	48.1	48.5	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.3	
GE 14000	45.6	48.1	48.5	48.8	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.6	
GE 12000	46.0	48.7	49.1	49.4	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.2	
GE 10000	48.6	51.7	52.2	52.6	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.4	
GE 9000	49.3	52.5	53.2	53.5	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.4	
GE 8000	50.5	53.8	54.5	54.8	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.7	
GE 7000	51.2	55.2	55.9	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	57.1	
GE 6000	52.4	56.4	57.1	57.4	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.3	
GE 5000	53.4	58.0	58.7	59.2	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.4	
GE 4500	55.1	60.5	61.3	61.8	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.0	
GE 4000	55.9	61.6	62.5	63.0	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.5	
GE 3500	57.0	63.0	63.9	64.7	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.2	
GE 3000	59.7	66.3	67.6	68.4	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.2	
GE 2500	62.1	69.3	70.7	71.5	72.7	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.3	
GE 2000	64.4	72.2	73.6	74.7	76.0	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.7	
GE 1800	65.8	74.0	75.5	76.5	77.8	78.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.7	
GE 1500	67.3	75.8	77.3	78.3	79.6	79.8	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7	
GE 1200	69.1	78.3	79.8	80.9	82.2	82.4	82.7	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.8	
GE 1000	69.9	79.2	80.9	82.3	84.2	84.5	85.0	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	86.2	
GE 900	70.9	80.5	82.3	83.9	85.8	86.2	86.6	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.9	
GE 800	71.0	80.7	82.9	85.0	86.9	87.2	87.7	88.7	88.7	88.9	88.9	89.1	89.1	89.1	89.1	89.5	
GE 700	71.4	81.4	83.7	85.9	88.3	88.7	89.4	90.4	90.4	90.7	90.9	90.9	90.9	90.9	90.9	91.3	
GE 600	72.3	82.6	85.0	87.5	90.1	90.4	91.1	92.2	92.2	92.4	92.7	92.7	92.7	92.7	92.7	93.0	
GE 500	72.6	83.1	85.5	88.1	90.7	91.0	92.2	93.4	93.4	93.7	94.0	94.0	94.3	94.3	94.3	94.7	
GE 400	72.6	83.5	85.8	88.7	91.5	91.8	93.1	94.3	94.3	94.7	94.9	94.9	95.3	95.3	95.3	95.6	
GE 300	72.6	83.5	85.8	88.7	91.5	91.8	93.1	94.8	94.9	95.6	96.0	96.0	96.3	96.5	96.6	96.9	
GE 200	72.6	83.5	85.8	88.8	91.8	92.0	93.4	95.4	95.5	96.3	96.8	96.8	97.2	97.3	97.4	97.9	
GE 100	72.6	83.6	85.9	88.9	91.7	92.1	93.5	95.5	95.6	96.8	97.3	97.3	97.8	98.5	98.9	99.4	
GE CL	72.6	83.6	85.9	88.9	91.7	92.1	93.5	95.5	95.6	96.8	97.3	97.3	97.8	98.5	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector Fld Fargo ND

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0300-0500

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	40.5	43.5	43.6	44.1	44.1	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 2000	42.9	46.2	46.3	46.8	46.8	46.9	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 1800	42.9	46.2	46.3	46.8	46.8	46.9	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 1600	42.9	46.2	46.3	46.8	46.8	46.9	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 1400	43.6	47.0	47.2	47.6	47.6	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 1200	44.2	47.6	47.8	48.2	48.2	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 1000	46.3	50.5	50.7	51.2	51.2	51.3	51.4	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8
GE 900	47.0	51.4	51.7	52.1	52.1	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7
GE 800	47.8	52.1	52.4	52.8	52.8	53.0	53.1	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4
GE 700	49.6	54.4	54.6	55.1	55.1	55.2	55.3	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
GE 600	50.1	55.0	55.2	55.7	55.7	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3
GE 500	51.3	56.7	57.1	57.9	57.9	58.0	58.3	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6
GE 450	52.4	58.5	58.9	59.7	59.7	59.8	60.0	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4
GE 400	53.5	60.3	60.8	61.7	61.8	62.2	62.5	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
GE 350	54.6	61.7	62.2	63.1	63.2	63.6	63.9	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
GE 300	56.0	63.9	64.5	65.5	65.7	66.1	66.4	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8
GE 250	58.2	67.3	68.1	69.0	69.3	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
GE 200	59.9	69.3	70.2	71.2	71.4	71.9	72.2	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7
GE 180	61.1	71.0	72.1	73.0	73.3	73.8	74.1	74.3	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.6
GE 150	63.4	74.1	75.3	76.2	76.6	77.1	78.1	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6
GE 120	64.4	76.1	77.4	78.6	79.0	79.4	80.6	80.9	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3
GE 100	65.4	77.5	79.1	80.7	81.8	82.3	83.8	84.2	84.3	84.6	84.6	84.6	85.1	85.1	85.1	85.1
GE 90	66.0	78.7	80.4	82.2	83.2	83.8	85.3	85.7	85.8	86.2	86.2	86.2	86.6	86.6	86.6	86.6
GE 80	66.4	79.3	81.0	83.1	84.3	84.9	86.4	86.9	87.0	87.6	87.6	87.6	88.1	88.1	88.1	88.1
GE 70	67.1	80.1	81.8	83.9	85.8	86.5	88.4	88.9	89.0	89.8	89.8	89.8	90.7	90.7	90.7	90.7
GE 60	67.8	81.3	83.1	85.2	87.4	88.1	90.0	91.4	91.5	91.6	91.7	91.7	92.6	92.6	92.6	92.6
GE 50	67.8	81.6	83.5	85.6	87.7	88.4	90.4	91.0	91.3	92.3	92.4	92.4	93.3	93.3	93.3	93.3
GE 40	67.8	81.9	83.9	86.4	88.7	89.4	91.5	92.1	92.3	93.5	93.7	93.7	94.6	94.6	94.9	94.9
GE 30	67.8	81.9	83.9	86.6	89.0	89.7	92.1	92.9	93.3	94.6	94.9	94.9	95.7	95.7	96.5	96.5
GE 20	67.8	81.9	83.9	86.6	89.0	89.7	92.3	93.5	93.9	95.1	95.6	95.7	96.7	96.7	97.6	97.6
GE 10	67.8	81.9	83.9	86.6	89.0	89.7	92.3	93.5	94.0	95.6	96.2	96.3	97.6	97.8	99.4	99.5
GE 0	67.8	81.9	83.9	86.6	89.7	89.7	92.3	93.5	94.0	95.6	96.2	96.3	97.6	97.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector Fld Fargo ND

PERIOD OF RECORD: 78-87
MONTH: FEB 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	GF 1 1/2	GF 1 1/4	GE 1	GF 3/4	GF 5/8	GE 1/2	GF 5/16	GF 1/4	GE 0	
NO CEIL	39.4	41.5	41.6	42.3	42.7	43.0	43.3	43.3	43.3	43.4	43.4	43.4	43.5	43.6	43.6	43.6	
GE 20000	41.2	43.4	43.5	44.2	44.7	45.0	45.3	45.3	45.3	45.4	45.5	45.5	45.6	45.7	45.7	45.7	
GE 18000	41.0	43.4	43.5	44.2	44.7	45.0	45.3	45.3	45.3	45.4	45.5	45.5	45.6	45.7	45.7	45.7	
GE 16000	41.0	43.4	43.5	44.2	44.7	45.0	45.3	45.3	45.3	45.4	45.5	45.5	45.6	45.7	45.7	45.7	
GE 14000	41.3	43.6	43.7	44.4	44.9	45.3	45.5	45.5	45.5	45.6	45.7	45.7	45.9	46.0	46.0	46.0	
GE 12000	42.1	44.6	44.7	45.4	45.9	46.2	46.5	46.5	46.5	46.6	46.7	46.7	46.8	46.9	46.9	46.9	
GE 10000	45.5	48.8	48.9	49.8	50.2	50.6	50.8	50.8	50.8	51.1	51.2	51.2	51.3	51.4	51.5	51.5	
GF 9000	46.6	50.0	50.2	51.1	51.5	51.9	52.1	52.1	52.1	52.4	52.5	52.5	52.6	52.7	52.8	52.8	
GE 8000	47.2	50.8	51.2	52.0	52.5	52.6	53.2	53.2	53.2	53.4	53.5	53.5	53.7	53.8	53.9	53.9	
GE 7000	49.7	52.0	52.5	53.3	53.8	54.1	54.5	54.5	54.5	54.7	54.8	54.8	55.0	55.1	55.2	55.2	
GE 6000	48.5	52.7	53.2	54.0	54.5	54.8	55.2	55.2	55.2	55.6	55.7	55.7	55.8	55.9	56.0	56.0	
GE 5000	50.1	55.0	55.4	56.4	56.9	57.2	57.6	57.6	57.6	57.9	58.0	58.0	58.2	58.3	58.4	58.4	
GE 4500	51.4	56.4	56.9	57.8	58.3	58.6	59.0	59.0	59.0	59.3	59.5	59.5	59.6	59.7	59.8	59.8	
GE 4000	52.0	57.1	57.6	58.5	59.2	59.7	60.0	60.0	60.0	60.4	60.5	60.5	60.6	60.8	60.9	60.9	
GE 3500	53.1	58.7	59.2	60.2	60.9	61.5	61.8	61.8	61.8	62.2	62.3	62.3	62.4	62.5	62.6	62.6	
GE 3000	55.4	62.1	62.8	63.7	64.5	65.2	65.6	65.7	65.7	66.1	66.2	66.2	66.3	66.4	66.5	66.5	
GE 2500	57.3	65.4	66.5	67.5	68.4	69.6	70.0	70.1	70.2	70.6	70.7	70.7	70.8	70.9	71.0	71.0	
GE 2000	59.3	68.1	69.5	70.4	72.0	73.0	73.8	73.9	74.0	74.3	74.5	74.5	74.6	74.7	74.8	74.8	
GE 1800	60.5	69.6	71.2	72.1	73.6	74.7	75.5	75.7	75.8	76.1	76.2	76.2	76.4	76.5	76.6	76.6	
GE 1500	61.6	71.0	72.7	73.6	75.3	76.5	77.3	77.5	77.7	78.0	78.1	78.1	78.3	78.4	78.5	78.5	
GF 1200	63.0	73.2	74.9	76.0	77.9	79.2	80.1	80.5	80.6	81.0	81.1	81.1	81.2	81.3	81.4	81.4	
GE 1000	63.8	74.6	76.4	77.6	80.0	81.6	82.7	83.5	83.6	83.9	84.2	84.2	84.5	84.6	84.8	84.8	
GE 900	65.1	76.7	78.5	80.0	82.3	83.8	85.0	85.8	85.9	86.3	86.5	86.5	86.9	87.0	87.1	87.1	
GE 800	65.4	77.4	79.2	81.0	83.3	84.9	86.1	86.9	87.0	87.5	87.7	87.7	88.1	88.2	88.3	88.3	
GE 700	66.0	78.3	80.1	82.5	84.9	86.5	87.9	88.9	89.0	89.5	89.7	89.7	90.2	90.5	90.8	90.8	
GE 600	66.2	79.1	81.0	83.3	85.8	87.5	88.9	90.0	90.1	90.8	91.1	91.1	91.6	92.0	92.2	92.2	
GE 500	66.4	80.3	82.2	84.6	87.1	88.6	90.3	91.6	92.0	92.7	93.0	93.0	93.5	93.9	94.1	94.1	
GE 400	66.5	80.9	82.9	85.3	87.8	89.5	91.1	92.4	92.8	93.6	94.0	94.0	94.4	94.8	95.3	95.3	
GE 300	66.5	80.9	82.9	85.3	88.1	89.7	91.6	93.0	93.4	94.4	94.0	95.3	95.9	96.2	96.9	97.0	
GE 200	66.5	80.9	82.9	85.3	88.1	89.7	91.7	93.4	93.7	95.0	95.9	96.2	97.3	97.6	98.6	98.7	
GE 100	66.5	81.0	83.0	85.5	88.2	89.8	91.8	93.5	93.9	95.2	96.1	96.5	97.5	98.1	99.3	99.8	
GE 0	66.5	81.0	83.0	85.5	88.2	89.8	91.8	93.5	93.9	95.2	96.1	96.5	97.5	98.1	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: FEB HOURS(IST): 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	37.7	41.1	41.5	42.0	42.8	43.1	44.0	44.2	44.2	44.6	44.6	44.6	44.8	44.8	44.8	44.9
GE 20000	42.4	46.6	46.9	47.4	48.5	48.6	49.9	50.1	50.1	50.5	50.5	50.5	50.8	50.8	50.8	50.9
GE 18000	42.4	46.6	46.9	47.4	48.5	48.8	49.9	50.1	50.1	50.5	50.5	50.5	50.8	50.8	50.8	50.9
GE 16000	42.4	46.7	47.0	47.5	48.6	48.9	50.0	50.2	50.2	50.6	50.6	50.6	50.9	50.9	50.9	51.1
GE 14000	43.1	47.3	47.6	48.1	49.2	49.5	50.6	50.8	50.8	51.2	51.2	51.2	51.5	51.5	51.5	51.7
GE 12000	44.0	48.2	48.6	49.1	50.1	50.5	51.5	51.8	51.8	52.1	52.1	52.1	52.5	52.5	52.5	52.6
GE 10000	46.0	50.7	51.1	51.5	52.7	53.2	54.4	54.6	54.6	55.0	55.0	55.0	55.3	55.3	55.3	55.4
GE 9000	46.5	51.3	51.8	52.2	53.7	54.1	55.3	55.6	55.6	55.9	55.9	55.9	56.3	56.3	56.3	56.4
GE 8000	46.7	51.5	52.0	52.5	54.0	54.5	55.7	55.9	55.9	56.3	56.3	56.3	56.6	56.6	56.6	56.7
GE 7000	48.0	53.1	53.5	54.1	55.9	56.4	57.9	58.2	58.2	58.5	58.5	58.5	59.0	59.0	59.0	59.1
GE 6000	48.2	53.3	53.8	54.5	56.3	56.9	58.4	58.6	58.6	59.0	59.0	59.0	59.5	59.5	59.5	59.6
GE 5000	49.4	54.7	55.6	56.3	58.0	58.6	60.3	60.5	60.5	60.9	60.9	60.9	61.3	61.3	61.3	61.5
GE 4500	49.8	55.3	56.1	56.9	58.6	59.2	60.9	61.2	61.2	61.6	61.6	61.6	62.1	62.1	62.1	62.2
GE 4000	50.1	55.8	56.7	57.4	59.3	59.9	61.7	62.1	62.1	62.4	62.4	62.4	62.9	62.9	62.9	63.0
GE 3500	50.7	56.7	57.9	58.9	60.8	61.3	63.5	63.8	63.8	64.3	64.3	64.3	64.5	65.0	65.0	65.1
GE 3000	53.5	60.8	62.1	63.4	65.5	66.4	68.8	69.1	69.1	69.6	70.0	70.0	70.4	70.4	70.4	70.6
GE 2500	55.1	62.6	64.1	65.4	67.7	68.8	71.2	72.1	72.1	72.6	72.9	72.9	73.4	73.4	73.4	73.5
GE 2000	56.4	64.3	65.8	67.3	69.9	71.0	73.6	74.9	74.9	75.4	75.8	75.8	76.2	76.2	76.2	76.4
GE 1500	57.1	65.1	66.7	68.1	70.8	72.1	74.9	76.4	76.4	76.8	77.2	77.2	77.7	77.7	77.7	77.8
GE 1000	59.7	67.0	68.8	70.2	72.9	74.2	77.2	78.6	78.8	79.3	79.7	79.7	80.1	80.1	80.1	80.3
GE 500	60.0	68.6	70.3	72.0	75.1	76.4	79.4	80.9	81.2	81.8	82.3	82.3	82.7	82.7	82.7	82.9
GE 100	67.9	69.5	71.5	73.2	76.8	78.3	81.8	83.5	83.8	84.4	84.9	84.9	85.5	85.5	85.5	85.6
GE 50	61.0	69.9	72.0	73.8	77.4	78.8	82.5	84.2	84.8	85.3	85.8	85.8	86.4	86.4	86.4	86.5
GE 20	61.7	70.8	73.2	75.2	79.0	80.4	84.3	85.9	86.8	87.6	88.3	88.3	89.0	89.0	89.0	89.1
GE 10	61.9	71.5	74.0	76.4	80.4	81.8	85.9	87.6	88.4	89.4	90.1	90.2	91.0	91.0	91.0	91.1
GE 5	62.1	71.9	74.3	76.7	80.9	82.4	86.6	88.4	89.5	90.8	91.5	91.6	92.6	92.6	92.6	92.8
GE 2	62.2	72.6	75.7	78.3	82.4	83.9	88.5	90.3	91.5	93.1	93.9	94.1	95.0	95.0	95.0	95.3
GE 1	62.2	73.0	76.1	78.7	83.0	84.6	89.2	91.3	92.6	94.6	95.4	95.6	96.7	96.7	96.7	96.9
GE 0.5	62.2	73.0	76.1	78.7	83.0	84.6	89.2	91.5	92.8	95.3	96.2	96.6	98.0	98.0	98.0	98.2
GE 0.2	62.2	73.0	76.1	78.7	83.0	84.6	89.2	91.6	92.9	95.4	96.5	96.9	98.6	98.6	98.6	99.6
GE 0.1	62.2	73.0	76.1	78.7	83.0	84.6	89.2	91.6	92.9	95.4	96.5	96.9	98.6	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB 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	38.4	43.0	44.2	45.2	45.7	45.7	46.6	46.8	46.8	47.0	47.0	47.0	47.2	47.2	47.2	47.2	
GE 2000	44.2	49.3	50.9	52.0	52.6	52.6	53.4	53.7	53.7	53.9	53.9	53.9	54.1	54.1	54.3	54.4	
GE 1800	44.2	49.5	51.2	52.2	52.8	52.8	53.7	53.9	53.9	54.1	54.1	54.1	54.3	54.3	54.5	54.6	
GE 1600	44.3	49.6	51.3	52.4	53.0	53.0	53.8	54.0	54.0	54.3	54.3	54.3	54.6	54.6	54.7	54.7	
GE 1400	44.9	50.2	52.0	53.1	53.8	53.8	54.6	54.8	54.8	55.1	55.1	55.1	55.4	55.4	55.6	55.6	
GE 1200	46.1	51.4	53.2	54.3	55.0	55.0	55.8	56.0	56.0	56.3	56.3	56.3	56.6	56.6	56.7	56.7	
GE 1000	47.4	53.0	54.7	55.8	56.5	56.5	57.3	57.7	57.7	57.9	57.9	57.9	58.3	58.3	58.4	58.4	
GE 900	47.4	53.4	55.7	56.9	57.7	57.7	58.5	58.9	58.9	59.1	59.1	59.1	59.5	59.5	59.6	59.6	
GE 800	48.6	54.4	56.6	57.8	58.6	58.6	59.5	59.8	59.8	60.0	60.0	60.0	60.4	60.4	60.5	60.5	
GE 700	49.8	55.9	58.2	59.3	60.2	60.2	61.0	61.3	61.3	61.6	61.6	61.6	61.9	61.9	62.1	62.1	
GE 600	49.9	56.1	58.5	59.7	60.5	60.5	61.5	61.9	61.9	62.2	62.2	62.2	62.5	62.5	62.6	62.6	
GE 500	50.8	57.6	60.0	61.2	62.1	62.2	63.0	63.5	63.5	63.7	63.7	63.7	64.1	64.1	64.2	64.2	
GE 400	51.1	58.0	60.6	61.8	62.8	63.0	63.9	64.4	64.4	64.7	64.7	64.7	65.0	65.0	65.1	65.1	
GE 300	51.2	58.9	61.7	62.9	64.1	64.3	65.2	65.7	65.7	66.0	66.0	66.0	66.3	66.3	66.4	66.4	
GE 200	51.5	59.3	62.2	63.5	64.8	65.1	66.1	66.5	66.5	66.8	66.8	66.8	67.1	67.1	67.3	67.3	
GE 100	52.5	60.5	63.7	65.0	66.4	66.6	67.7	68.4	68.4	68.7	68.7	68.7	69.1	69.3	69.4	69.4	
GE 2500	53.7	62.3	65.6	67.0	68.7	69.0	70.0	70.7	70.7	71.0	71.0	71.0	71.2	71.5	71.7	71.7	
GE 2000	55.6	64.7	68.1	69.9	71.6	72.3	73.3	74.0	74.0	74.3	74.3	74.3	74.6	74.9	75.1	75.2	
GE 1800	56.1	66.0	69.5	71.4	73.2	74.1	75.1	76.2	76.2	76.6	76.6	76.6	76.8	77.2	77.4	77.4	
GE 1600	57.9	68.6	72.3	74.6	76.6	77.7	78.6	79.8	79.8	80.4	80.4	80.4	81.1	81.1	81.3	81.3	
GE 1400	59.6	71.0	75.1	77.3	79.6	80.6	81.7	83.0	83.0	83.6	83.6	83.6	84.4	84.5	84.6	84.6	
GE 1000	60.2	72.7	77.3	79.6	81.9	83.1	84.6	85.9	86.1	87.1	87.4	87.5	88.1	88.2	88.4	88.4	
GE 900	60.4	73.4	78.1	80.5	83.1	84.5	86.3	87.6	87.7	89.0	89.5	89.6	90.2	90.3	90.5	90.5	
GE 800	60.6	74.1	79.0	81.3	83.9	85.3	87.2	88.7	88.8	90.2	90.8	90.9	91.5	91.6	91.8	91.8	
GE 700	60.9	74.6	79.8	82.4	85.1	86.6	88.7	90.4	90.5	92.0	92.6	92.7	93.4	93.4	93.6	93.6	
GE 600	60.9	75.3	80.5	83.1	85.9	87.6	89.8	91.7	92.0	93.5	94.1	94.2	94.8	94.9	95.2	95.2	
GE 500	61.6	76.7	82.0	84.8	87.7	89.5	92.0	93.9	94.2	95.7	96.5	96.6	97.2	97.3	97.5	97.5	
GE 400	61.6	76.7	82.0	84.9	87.9	89.8	92.4	94.6	95.0	96.7	97.4	97.5	98.1	98.2	98.5	98.5	
GE 300	61.6	76.7	82.2	85.0	88.1	90.1	92.7	94.9	95.4	97.2	98.0	98.2	98.8	98.9	99.2	99.5	
GE 200	61.6	76.7	82.2	85.0	88.1	90.1	92.7	94.9	95.4	97.2	98.0	98.3	98.9	99.1	99.6	100.0	
GE 100	61.6	76.7	82.2	85.0	88.1	90.1	92.7	94.9	95.4	97.2	98.0	98.3	98.9	99.1	99.6	100.0	
GE 0	61.6	76.7	82.2	85.0	88.1	90.1	92.7	94.9	95.4	97.2	98.0	98.3	98.9	99.1	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7a-87
MONTH: FEB HOURS/LSST: 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	CE 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 7/16	GE 1/4	GE 0
NO CEIL	39.9	42.7	43.3	43.7	44.2	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 20000	45.5	50.0	50.9	51.4	51.9	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.8	53.0
GE 18000	45.6	50.1	51.1	51.5	52.0	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.8	53.0	53.1
GE 16000	45.9	50.4	51.3	51.8	52.2	52.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.1	53.2	53.3
GE 14000	46.3	50.9	51.9	52.4	52.8	52.8	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.8	53.9	54.0
GE 12000	47.2	52.1	53.1	53.5	54.0	54.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6	55.0	55.1	55.2
GE 10000	48.6	54.3	55.2	55.7	56.1	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.2	57.3	57.4
GE 9000	49.1	54.8	56.1	56.6	57.2	57.3	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.5	58.6	58.7
GE 8000	49.9	56.3	57.6	58.0	58.6	58.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9	60.0	60.2
GE 7000	51.7	58.0	59.3	59.8	60.4	60.5	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.7	61.8	61.9
GE 6000	52.1	58.5	59.8	60.3	60.9	61.0	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.3	62.4	62.5
GE 5000	53.1	59.9	61.2	61.7	62.3	62.4	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.7	63.8	63.9
GE 4500	53.2	60.0	61.5	61.9	62.5	62.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	64.2	64.3	64.4
GE 4000	53.3	60.8	62.4	62.9	63.6	63.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	65.4	65.5	65.6
GE 3500	54.0	61.5	63.1	63.7	64.4	64.5	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.5	66.7	66.8
GE 3000	55.7	63.8	65.5	66.1	66.9	67.1	68.3	68.8	68.8	68.8	68.8	68.8	68.8	69.3	69.4	69.5
GE 2500	57.7	66.4	69.2	69.8	69.7	70.2	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.6	72.9	73.0
GE 2000	59.6	69.3	71.3	72.2	73.2	73.8	75.3	76.1	76.1	76.1	76.1	76.1	76.1	76.7	77.1	77.3
GE 1800	60.2	70.3	72.3	73.3	74.3	74.9	76.5	77.7	77.7	77.7	77.7	77.7	77.7	78.3	78.6	78.8
GE 1500	61.3	73.3	75.5	76.5	77.9	78.7	80.5	81.8	81.8	81.8	81.8	81.8	81.8	82.9	83.2	83.3
GE 1200	63.5	76.1	78.4	79.3	81.4	82.5	84.8	86.1	86.1	86.1	86.1	86.1	86.1	87.4	87.4	87.9
GE 1000	64.2	77.0	79.4	80.4	82.6	83.8	86.2	87.7	87.7	87.7	87.7	87.7	87.7	89.1	89.1	89.7
GE 900	64.7	77.8	80.5	81.4	83.8	85.2	87.6	89.1	89.1	89.1	89.1	89.1	89.1	90.7	90.7	91.3
GE 800	65.4	78.6	81.3	82.3	84.8	86.2	88.5	90.1	90.1	90.1	90.1	90.1	90.1	91.8	91.8	92.6
GE 700	65.9	78.7	81.4	82.4	84.9	86.4	88.9	90.4	90.4	90.4	90.4	90.4	90.4	92.4	92.4	93.0
GE 600	65.7	79.4	82.5	83.5	86.1	87.6	90.3	92.0	92.0	92.0	92.0	92.0	92.0	93.5	93.5	94.1
GE 500	66.4	80.1	83.2	84.3	86.9	88.5	91.6	93.3	93.3	93.3	93.3	93.3	93.3	95.4	95.4	96.1
GE 400	66.4	80.4	83.6	84.8	87.6	89.2	92.6	94.4	94.4	94.4	94.4	94.4	94.4	97.0	97.2	97.9
GE 300	66.4	80.4	83.6	84.8	87.6	89.4	92.8	94.8	94.8	94.8	94.8	94.8	94.8	98.1	98.1	98.8
GE 200	66.4	80.4	83.6	84.8	87.6	89.4	92.8	94.8	94.8	94.8	94.8	94.8	94.8	98.3	98.3	99.1
GE 100	66.4	80.4	83.6	84.8	87.6	89.4	92.8	94.8	94.8	94.8	94.8	94.8	94.8	98.3	98.3	99.5
GE 0	66.4	80.4	83.6	84.8	87.6	89.4	92.8	94.8	94.8	94.8	94.8	94.8	94.8	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: FEB POLARS (LST): 1800-2000

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	41.7	44.7	45.0	45.5	45.6	45.9	45.9	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	45.9	49.4	50.1	50.6	50.7	50.9	50.9	51.2	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.4
GE 18000	46.3	49.9	50.6	51.1	51.2	51.4	51.4	51.7	51.7	51.7	51.8	51.8	51.8	51.9	51.9	51.9
GE 16000	46.3	49.9	50.6	51.1	51.2	51.4	51.4	51.7	51.7	51.7	51.8	51.8	51.8	51.9	51.9	51.9
GE 14000	46.5	50.2	50.9	51.4	51.5	51.8	51.8	52.0	52.0	52.0	52.1	52.1	52.1	52.2	52.2	52.2
GE 12000	47.2	50.9	51.7	52.1	52.2	52.5	52.6	52.6	52.8	52.8	53.0	53.0	53.0	53.1	53.1	53.1
GE 10000	48.7	53.0	53.7	54.1	54.3	54.5	54.6	54.8	54.8	54.8	55.0	55.0	55.0	55.1	55.1	55.1
GE 9000	49.4	53.8	54.5	55.0	55.1	55.3	55.4	55.7	55.7	55.7	55.8	55.8	55.8	55.9	55.9	55.9
GE 8000	50.8	55.4	56.3	56.7	57.0	57.3	57.4	57.7	57.7	57.7	57.8	57.8	57.8	57.9	57.9	57.9
GE 7000	52.7	57.7	58.7	59.3	59.6	60.0	60.2	60.4	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.6
GE 6000	53.4	58.6	59.7	60.3	60.5	61.0	61.1	61.3	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6
GE 5000	54.6	59.9	61.0	61.6	61.8	62.3	62.4	62.6	62.6	62.6	62.8	62.8	62.8	62.9	62.9	62.9
GE 4500	55.8	61.1	62.4	63.0	63.2	63.7	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3
GE 4000	56.1	62.3	63.7	64.3	64.5	65.0	65.1	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6
GE 3500	57.2	63.4	64.8	65.4	65.6	66.1	66.2	66.4	66.4	66.4	66.5	66.5	66.5	66.7	66.7	66.7
GE 3000	58.9	65.8	67.6	68.2	68.6	69.0	69.1	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6
GE 2500	61.6	69.3	71.4	72.1	72.7	73.4	73.5	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0
GE 2000	63.6	72.3	74.4	75.9	76.5	77.3	77.4	77.7	77.7	77.7	78.0	78.0	78.0	78.1	78.1	78.1
GE 1800	64.4	73.2	76.2	77.2	77.8	78.6	78.7	79.1	79.1	79.3	79.4	79.4	79.4	79.6	79.6	79.6
GE 1500	66.0	75.5	79.3	80.3	81.0	81.8	82.0	82.4	82.4	82.7	82.9	82.9	83.1	83.2	83.2	83.2
GE 1200	68.1	78.6	82.6	83.7	84.5	85.5	85.7	86.1	86.1	86.5	86.6	86.6	86.9	87.0	87.0	87.0
GE 1000	69.0	80.5	84.8	86.1	87.0	88.1	88.4	88.8	88.8	89.2	89.6	89.6	89.8	90.1	90.1	90.1
GE 900	69.1	80.7	85.2	86.6	87.7	88.6	89.1	89.7	89.7	90.2	90.5	90.5	90.8	91.0	91.0	91.0
GE 800	69.6	81.3	85.8	87.2	88.3	89.5	90.0	90.5	90.5	91.0	91.4	91.5	91.7	92.0	92.0	92.0
GE 700	69.7	82.0	86.8	88.2	89.2	90.5	91.1	91.8	91.8	92.4	92.9	93.0	93.3	93.6	93.6	93.6
GE 600	70.3	82.6	87.4	88.9	90.0	91.5	92.3	93.1	93.1	93.9	94.3	94.6	94.8	95.2	95.2	95.2
GE 500	71.2	83.5	88.2	89.8	90.9	92.4	93.3	94.1	94.1	94.8	95.3	95.5	95.7	96.1	96.1	96.1
GE 400	71.3	83.6	88.3	90.0	91.1	92.8	94.1	94.9	94.9	95.7	96.2	96.5	96.7	97.0	97.0	97.0
GE 300	71.3	83.7	88.8	90.7	91.8	93.6	95.3	96.2	96.2	97.4	98.1	98.3	98.7	99.1	99.1	99.1
GE 200	71.3	83.7	88.8	90.7	91.8	93.6	95.3	96.2	96.3	97.4	98.2	98.5	98.9	99.3	99.3	99.3
GE 100	71.3	83.7	88.8	90.7	91.8	93.6	95.3	96.2	96.3	97.4	98.2	98.5	99.1	99.5	99.6	99.6
GE 0	71.3	83.7	88.8	90.7	91.8	93.6	95.3	96.2	96.3	97.4	98.2	98.5	99.1	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD Fargo ND

PERIOD OF RECORD: 78-87
 MONTH: FEB HOURS(IST): 2100-2300

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	46.5	48.5	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	49.2	49.2	49.2	49.2	49.3	49.4	
GE 20000	47.6	50.7	50.6	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.5	51.7	
GE 18000	48.3	51.4	51.5	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.1	52.2	52.4	
GE 16000	48.3	51.4	51.5	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.1	52.2	52.4	
GE 14000	48.5	51.7	51.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.4	52.4	52.4	52.4	52.5	52.6	
GE 12000	49.3	52.5	52.6	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.3	53.4	
GE 10000	51.1	54.6	54.7	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.4	55.6	
GE 9000	51.5	55.1	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.9	56.0	
GE 8000	52.1	55.8	56.0	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.9	57.0	
GE 7000	53.2	56.9	57.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.2	58.3	
GE 6000	54.1	58.3	58.5	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.6	59.6	59.6	59.6	59.7	59.8	
GE 5000	56.0	60.4	60.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.9	61.9	61.9	61.9	62.1	62.2	
GE 4500	58.3	63.4	63.6	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9	65.0	65.1	
GE 4000	58.7	64.1	64.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.8	66.0	
GE 3500	59.5	65.2	65.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9	67.0	67.1	
GE 3000	61.5	68.1	68.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.1	70.2	
GE 2500	63.4	70.8	71.2	72.3	72.8	72.8	72.9	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.3	73.4	
GE 2000	66.2	75.1	75.4	76.7	77.2	77.2	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.7	77.8	
GE 1800	66.5	75.9	76.4	77.7	78.1	78.1	78.4	78.4	78.4	78.4	78.6	78.6	78.7	78.7	78.8	79.0	
GE 1500	68.3	78.0	78.6	80.0	80.5	80.6	80.9	80.9	80.9	81.1	81.3	81.3	81.4	81.4	81.6	81.7	
GE 1000	71.0	81.6	82.3	84.3	84.9	85.0	85.2	85.2	85.2	85.5	85.7	85.7	85.8	85.8	85.9	86.1	
GE 1000	71.6	82.9	83.9	85.9	86.8	87.0	87.2	87.5	87.5	87.7	87.9	87.9	88.1	88.1	88.2	88.3	
GE 700	73.2	84.9	85.9	87.9	88.8	89.0	89.2	89.6	89.6	89.8	90.2	90.2	90.3	90.3	90.4	90.5	
GE 400	73.5	85.5	86.6	88.9	89.7	90.0	90.2	90.5	90.5	91.0	91.5	91.5	91.6	91.6	91.7	91.8	
GE 700	73.6	85.8	87.0	89.2	90.1	90.3	90.5	90.9	90.9	91.6	92.2	92.2	92.3	92.3	92.4	92.6	
GE 600	74.2	86.6	87.8	90.7	91.5	91.8	92.2	92.6	92.7	93.4	94.1	94.1	94.2	94.2	94.3	94.4	
GE 500	74.5	87.0	88.2	91.0	91.8	92.4	92.8	93.5	93.6	94.4	95.3	95.3	95.5	95.5	95.6	95.7	
GE 400	74.8	87.6	88.9	91.7	93.1	93.9	94.2	94.9	95.0	95.9	96.7	96.7	97.0	97.0	97.2	97.3	
GE 300	74.8	87.7	89.0	91.8	93.3	94.0	94.7	95.5	95.6	96.6	97.4	97.4	97.8	97.8	97.9	98.0	
GE 200	74.8	87.7	89.0	91.8	93.3	94.0	94.7	95.6	95.7	96.9	97.9	97.9	98.2	98.2	98.3	98.5	
GE 100	74.8	87.7	89.0	91.8	93.3	94.0	94.8	95.7	95.9	97.2	98.1	98.2	98.7	98.7	98.9	99.1	
GE 0	74.8	87.7	89.0	91.8	93.3	94.0	94.8	95.7	95.9	97.2	98.1	98.2	98.7	98.8	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 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	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	40.8	43.9	44.3	44.8	45.2	45.3	45.6	45.7	45.7	45.8	45.8	45.8	45.9	45.9	45.9	46.0
GE 20000	44.3	47.9	48.4	49.0	49.4	49.5	49.9	50.0	50.0	50.1	50.1	50.1	50.3	50.3	50.4	50.4
GE 18000	44.5	48.1	48.7	49.2	49.6	49.7	50.1	50.2	50.2	50.3	50.3	50.3	50.5	50.5	50.6	50.6
GE 16000	44.6	48.2	48.7	49.2	49.6	49.8	50.1	50.2	50.2	50.3	50.4	50.4	50.5	50.6	50.6	50.7
GE 14000	45.0	48.6	49.2	49.7	50.1	50.3	50.7	50.6	50.8	50.8	50.9	50.9	51.0	51.1	51.1	51.2
GE 12000	45.7	49.5	50.1	50.6	51.0	51.2	51.5	51.6	51.6	51.7	51.8	51.8	51.9	52.0	52.0	52.1
GE 10000	47.8	52.1	52.7	53.2	53.6	53.8	54.2	54.3	54.3	54.4	54.5	54.5	54.7	54.7	54.8	54.8
GE 9000	49.4	52.8	53.5	54.1	54.6	54.8	55.2	55.3	55.3	55.4	55.5	55.5	55.6	55.7	55.7	55.8
GE 8000	49.2	53.8	54.6	55.1	55.7	55.9	56.3	56.4	56.4	56.5	56.6	56.6	56.7	56.8	56.8	56.9
GE 7000	50.5	55.4	56.2	56.9	57.4	57.6	58.1	58.2	58.2	58.3	58.4	58.4	58.6	58.6	58.7	58.7
GE 6000	51.1	56.1	57.0	57.6	58.2	58.4	58.9	59.1	59.1	59.2	59.2	59.2	59.4	59.5	59.5	59.6
GE 5000	52.3	57.8	58.7	59.5	60.1	60.3	60.8	61.0	61.0	61.1	61.2	61.2	61.3	61.4	61.4	61.5
GE 4500	53.4	59.2	60.2	60.9	61.5	61.8	62.3	62.5	62.5	62.6	62.7	62.7	62.9	63.0	63.0	63.0
GE 4000	53.9	60.1	61.2	62.0	62.8	63.0	63.6	63.8	63.8	63.9	64.0	64.0	64.2	64.2	64.3	64.4
GE 3500	54.7	61.2	62.4	63.2	64.0	64.3	65.0	65.2	65.2	65.3	65.4	65.4	65.6	65.6	65.7	65.8
GE 3000	56.6	63.9	65.3	66.2	67.1	67.5	68.2	68.5	68.5	68.6	68.7	68.7	68.9	69.0	69.0	69.1
GE 2500	58.6	66.7	68.2	69.2	70.3	70.8	71.5	71.9	71.9	72.1	72.2	72.2	72.4	72.4	72.5	72.6
GE 2000	60.6	69.4	71.1	72.3	73.5	74.1	74.9	75.3	75.4	75.6	75.7	75.8	75.9	76.0	76.0	76.1
GE 1800	61.5	70.6	72.5	73.7	74.9	75.5	76.4	77.0	77.0	77.3	77.4	77.4	77.6	77.7	77.7	77.8
GE 1600	63.1	72.9	75.0	76.2	77.5	78.3	79.3	80.0	80.0	80.4	80.5	80.6	80.8	80.8	80.9	81.0
GE 1400	64.8	75.4	77.6	79.0	80.6	81.4	82.5	83.2	83.3	83.7	83.9	84.0	84.2	84.2	84.3	84.4
GE 1200	65.6	76.7	79.2	80.7	82.6	83.6	85.0	85.8	85.9	86.4	86.7	86.7	87.0	87.1	87.2	87.3
GE 1000	66.3	77.8	80.4	82.0	84.0	85.0	86.5	87.4	87.5	88.1	88.4	88.4	88.7	88.8	88.9	89.0
GE 800	66.7	78.5	81.1	83.0	85.0	86.0	87.5	88.5	88.7	89.4	89.8	89.8	90.2	90.2	90.3	90.4
GE 700	67.0	79.1	81.8	83.9	86.1	87.2	88.9	89.9	90.1	90.9	91.3	91.4	91.8	91.9	92.1	92.1
GE 600	67.4	79.9	82.7	84.9	87.2	88.4	90.2	91.3	91.5	92.5	92.9	93.0	93.5	93.6	93.7	93.8
GE 500	67.8	80.6	83.5	85.8	88.2	89.4	91.4	92.6	92.9	94.0	94.5	94.5	95.1	95.2	95.3	95.4
GE 400	67.9	80.9	83.9	86.3	88.8	90.1	92.3	93.6	94.0	95.1	95.7	95.8	96.3	96.5	96.6	96.7
GE 300	67.9	81.0	84.0	86.5	89.0	90.4	92.7	94.2	94.6	96.0	96.7	96.9	97.5	97.6	97.9	98.1
GE 200	67.9	81.0	84.0	86.5	89.1	90.4	92.8	94.4	94.8	96.3	97.1	97.3	98.1	98.3	98.7	98.9
GE 100	67.9	81.0	84.1	86.5	89.1	90.4	92.8	94.5	94.9	96.5	97.3	97.5	98.4	98.7	99.3	99.6

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAR HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE 1/2	GE 3/4	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		
NO CEIL	44.7	50.3	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.1	51.2
GE 20000	49.8	53.7	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.5	54.6
GE 18000	49.9	53.8	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.6	54.7
GE 16000	49.9	53.8	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.6	54.7
GE 14000	50.1	54.1	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.9	55.1
GE 12000	50.3	54.3	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	55.1	55.1	55.1	55.2	55.3
GE 10000	52.8	57.1	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	58.0	58.1
GE 9000	54.0	58.4	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.4
GE 8000	54.6	59.0	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9	60.0
GE 7000	56.5	60.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.8
GE 6000	57.5	62.2	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	63.0	63.1
GE 5000	59.4	64.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.9	65.1
GE 4500	61.1	65.9	66.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.8	66.8	66.9	66.9	66.9	67.0	67.1
GE 4000	61.7	66.7	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.7	67.8
GE 3500	63.4	68.4	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.7
GE 3000	67.2	72.6	72.9	73.1	73.4	73.4	73.4	73.4	73.4	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.9	74.0
GE 2500	69.8	75.5	75.9	76.1	76.5	76.5	76.5	76.5	76.5	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.9	77.0
GE 2000	72.2	78.1	78.5	78.9	79.4	79.4	79.4	79.4	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.9
GE 1800	72.9	79.1	79.6	80.0	80.4	80.4	80.4	80.4	80.4	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.9	81.0
GE 1500	74.7	81.4	81.8	82.4	82.8	82.8	82.8	82.8	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.4
GE 1200	75.3	82.3	82.9	83.7	84.2	84.3	84.3	84.4	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.9
GE 1000	76.1	83.8	84.9	85.9	86.7	86.8	86.8	86.9	86.9	87.0	87.1	87.1	87.2	87.3	87.3	87.3	87.4	87.5
GE 900	76.6	84.9	86.1	87.2	88.0	88.1	88.1	88.2	88.2	88.3	88.4	88.5	88.6	88.6	88.7	88.7	88.8	88.9
GE 800	76.9	85.4	86.8	88.1	89.0	89.1	89.1	89.2	89.2	89.3	89.4	89.5	89.6	89.7	89.7	89.7	89.8	89.9
GE 700	77.1	86.0	87.6	88.9	90.0	90.1	90.1	90.2	90.2	90.3	90.4	90.5	90.6	90.7	90.7	90.7	90.8	90.9
GE 600	77.3	86.3	88.2	89.5	90.6	90.8	90.8	90.9	90.9	91.0	91.1	91.2	91.3	91.4	91.4	91.4	91.5	91.6
GE 500	77.5	86.9	88.8	90.6	92.0	92.2	92.2	92.3	92.3	92.4	92.5	92.6	92.7	92.8	92.8	92.8	92.9	93.0
GE 400	77.5	87.3	89.2	91.1	92.6	92.7	92.7	92.8	92.8	92.9	93.0	93.1	93.2	93.3	93.3	93.3	93.4	93.5
GE 300	77.5	87.6	89.6	91.6	93.2	93.3	93.3	93.4	93.4	93.5	93.6	93.7	93.8	93.9	93.9	93.9	94.0	94.1
GE 200	77.5	87.6	89.6	91.6	93.3	93.4	93.4	93.5	93.5	93.6	93.7	93.8	93.9	94.0	94.0	94.0	94.1	94.2
GE 100	77.5	87.6	89.6	91.6	93.4	93.5	93.5	93.6	93.6	93.7	93.8	93.9	94.0	94.1	94.1	94.1	94.2	94.3
GE	77.5	87.6	89.6	91.6	93.4	93.5	93.5	93.6	93.6	93.7	93.8	93.9	94.0	94.1	94.1	94.1	94.2	94.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FLECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	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	
NO CEIL	47.3	46.5	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.8	47.8
GE 20000	44.9	49.1	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.5	50.5
GE 18000	44.9	49.1	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.5	50.5
GE 16000	44.9	49.1	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.5	50.5
GE 14000	45.4	49.6	50.3	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	51.0	51.0
GE 12000	46.0	50.3	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.7	51.7
GE 10000	50.3	54.6	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0
GE 9000	51.2	55.5	56.2	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.9	56.9
GE 8000	52.0	56.3	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.8	57.8
GE 7000	53.7	58.0	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.4	59.4
GE 6000	55.1	59.5	60.3	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.2	61.2
GE 5000	57.4	62.0	62.9	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.7	63.7
GE 4500	58.8	63.4	64.3	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.1	65.1
GE 4000	59.2	64.0	64.8	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.8	65.8
GE 3500	61.2	66.2	67.1	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	68.0	68.0
GE 3000	64.9	70.6	71.5	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.7	72.7
GE 2500	66.3	72.4	73.5	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.8	74.8
GE 2000	68.6	75.2	76.5	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.8	77.8
GE 1800	69.9	76.5	77.8	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.2	79.2
GE 1600	70.9	77.7	79.2	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.6	80.6
GE 1400	72.8	80.3	81.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.5	83.5
GE 1200	73.8	81.8	83.4	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.8	85.8
GE 1000	73.9	82.4	84.3	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.5	86.5
GE 900	74.2	83.2	85.1	87.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.3
GE 800	74.4	84.2	86.2	88.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.6	89.6
GE 700	74.4	84.5	86.6	89.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.5	90.5
GE 600	74.6	85.3	87.4	90.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.7	91.7
GE 500	74.8	85.6	87.7	90.6	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.4	92.4
GE 400	74.8	86.0	88.2	91.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.9	92.9
GE 300	74.8	86.0	88.3	91.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.1
GE 200	74.8	86.0	88.3	91.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.1
GE 100	74.8	86.0	88.3	91.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.1
GE	74.8	86.0	88.3	91.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAR HOURS(LST): 0600-0600

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	40.1	43.5	44.3	45.1	45.3	45.4	45.4	45.5	45.5	45.5	45.6	45.6	45.8	45.9	46.1	46.1
GE 20000	42.7	46.3	47.1	47.8	48.1	48.2	48.2	48.3	48.3	48.3	48.4	48.4	48.6	48.7	48.9	48.9
GE 18000	42.7	46.3	47.1	47.8	48.1	48.2	48.2	48.3	48.3	48.3	48.4	48.4	48.6	48.7	48.9	48.9
GE 16000	42.8	46.5	47.2	48.0	48.2	48.3	48.3	48.4	48.4	48.4	48.5	48.5	48.7	48.8	49.0	49.0
GE 14000	43.7	47.3	48.1	48.8	49.0	49.1	49.1	49.2	49.2	49.2	49.4	49.4	49.6	49.7	49.9	49.9
GE 12000	44.4	48.2	48.9	49.7	49.9	50.0	50.0	50.1	50.1	50.1	50.2	50.2	50.4	50.5	50.8	50.8
GE 10000	47.4	51.4	52.3	53.0	53.2	53.3	53.3	53.4	53.5	53.5	53.7	53.7	53.9	54.0	54.2	54.2
GE 9000	48.7	52.7	53.5	54.3	54.5	54.6	54.6	54.7	54.8	54.8	54.9	54.9	55.2	55.3	55.5	55.5
GE 8000	50.3	54.4	55.3	56.0	56.2	56.3	56.3	56.5	56.6	56.6	56.7	56.7	56.9	57.0	57.2	57.2
GE 7000	52.3	56.3	57.2	58.0	58.2	58.3	58.3	58.4	58.5	58.5	58.6	58.6	58.8	58.9	59.1	59.1
GE 6000	53.8	58.3	59.1	59.9	60.1	60.2	60.2	60.3	60.4	60.5	60.6	60.6	60.9	61.0	61.2	61.2
GE 5000	55.2	60.1	61.1	61.9	62.3	62.4	62.4	62.5	62.6	62.7	62.8	62.8	63.0	63.1	63.3	63.3
GE 4500	55.9	61.0	61.9	62.8	63.1	63.2	63.2	63.3	63.4	63.5	63.7	63.7	63.9	64.0	64.2	64.2
GE 4000	57.2	62.5	63.4	64.3	64.7	64.8	64.8	64.9	65.1	65.2	65.3	65.3	65.5	65.6	65.8	65.8
GE 3500	58.6	64.0	65.1	66.0	66.6	66.7	66.7	66.8	66.9	67.0	67.1	67.1	67.3	67.4	67.6	67.6
GE 3000	61.7	67.5	68.7	69.8	70.4	70.5	70.5	70.6	70.8	70.9	71.0	71.0	71.2	71.3	71.5	71.5
GE 2500	63.8	70.4	71.6	72.8	73.7	73.9	73.9	74.0	74.2	74.3	74.4	74.4	74.6	74.7	74.9	74.9
GE 2000	65.7	72.9	74.2	75.4	76.2	76.5	76.5	76.6	76.8	77.0	77.1	77.1	77.4	77.5	77.7	77.7
GE 1800	66.8	74.1	75.4	76.6	77.4	77.6	77.6	77.7	78.0	78.2	78.3	78.3	78.6	78.7	78.9	78.9
GE 1500	68.0	75.6	77.2	78.5	79.6	79.8	79.9	80.0	80.2	80.4	80.5	80.5	80.9	81.0	81.2	81.2
GE 1200	69.0	77.6	79.7	81.2	82.4	82.6	82.7	82.8	83.0	83.2	83.3	83.3	83.7	83.8	84.0	84.0
GE 1000	70.4	79.4	81.4	82.9	84.1	84.6	84.8	85.2	85.4	85.6	85.7	85.7	86.0	86.1	86.3	86.3
GE 900	70.8	80.0	82.0	83.8	84.9	85.6	86.0	86.3	86.9	87.1	87.2	87.2	87.5	87.6	87.8	87.8
GE 800	70.8	80.2	82.4	84.2	85.4	86.1	86.8	87.2	87.7	88.0	88.1	88.1	88.5	88.6	88.8	88.8
GE 700	70.9	80.9	83.1	85.1	86.2	87.2	88.0	88.6	89.1	89.6	89.9	89.9	90.3	90.4	90.6	90.6
GE 600	71.0	81.3	83.7	85.7	87.0	88.1	88.9	89.8	90.3	91.0	91.1	91.1	91.6	91.7	91.9	91.9
GE 500	71.4	82.0	84.4	86.7	88.0	89.0	90.1	91.0	91.5	92.4	92.6	92.6	93.1	93.3	93.5	93.5
GE 400	71.4	82.4	84.7	87.1	89.6	89.7	90.9	91.9	92.7	93.8	94.0	94.0	94.5	94.7	94.9	94.9
GE 300	71.4	82.6	85.2	87.5	89.1	90.2	91.5	92.8	93.8	94.9	95.3	95.3	95.9	96.1	96.3	96.3
GE 200	71.4	82.6	85.2	87.5	89.1	90.2	91.5	92.8	93.8	95.4	95.9	95.9	96.9	97.1	97.4	97.6
GE 100	71.4	82.6	85.2	87.5	89.1	90.2	91.5	92.8	93.8	95.4	96.0	96.1	97.1	97.3	98.4	99.4
GE 0	71.4	82.6	85.2	87.5	89.1	90.2	91.5	92.8	93.8	95.4	96.0	96.1	97.1	97.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0930-1100

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	5/16	1/4	1/8	0	
NO CEIL	43.4	45.4	45.7	46.1	46.3	46.6	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	47.0		
GE 2000	46.9	49.2	49.8	50.2	50.4	50.6	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.1		
GE 1800	46.9	49.2	49.8	50.2	50.4	50.6	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.1		
GE 1600	46.9	49.4	49.9	50.3	50.5	50.8	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.2		
GE 1400	49.2	50.6	51.2	51.6	51.8	52.0	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.5		
GE 1200	49.8	51.3	52.0	52.5	52.7	52.9	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.3		
GE 1000	50.2	53.3	54.1	54.5	54.7	54.9	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.4		
GE 900	51.5	55.1	55.8	56.2	56.5	56.7	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.1		
GE 800	52.2	55.8	56.6	57.0	57.2	57.4	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.8		
GE 700	54.0	57.7	58.5	58.9	59.1	59.4	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.8		
GE 600	54.6	58.6	59.5	59.9	60.1	60.3	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.8		
GE 500	55.7	60.1	61.0	61.4	61.6	61.8	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.3		
GE 400	56.9	61.4	62.3	62.7	62.9	63.1	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5		
GE 300	57.5	62.6	63.4	63.9	64.1	64.3	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7		
GE 250	59.1	64.4	65.4	65.8	66.0	66.2	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.7		
GE 200	60.9	66.5	67.5	68.1	68.4	68.6	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.0		
GE 150	61.7	68.3	69.9	70.5	70.9	71.1	71.5	71.8	71.6	71.6	71.9	71.9	71.9	71.9	71.9	72.0		
GE 100	64.1	71.6	73.4	74.4	74.8	75.1	75.5	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.2		
GE 50	64.4	72.6	74.5	75.5	76.1	76.3	76.8	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.5		
GE 0	65.6	74.5	76.7	77.8	78.6	78.8	79.2	80.0	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.5		
GE 0	67.1	77.0	79.1	80.3	81.3	81.7	82.3	83.0	83.0	83.2	83.4	83.4	83.4	83.4	83.4	83.8		
GE 1.00	67.8	78.1	80.5	81.7	82.7	83.1	83.8	84.5	84.5	84.6	85.1	85.1	85.2	85.2	85.2	85.5		
GE 900	68.6	78.6	81.5	82.7	83.7	84.2	84.9	85.9	85.9	86.3	86.7	86.7	86.9	86.9	86.9	87.2		
GE 800	69.0	79.7	82.6	83.9	84.9	85.7	86.6	87.8	88.0	88.5	88.8	88.9	89.2	89.2	89.2	89.6		
GE 700	69.0	79.9	83.0	84.5	85.7	86.6	87.6	89.2	89.5	90.1	90.4	90.5	90.9	90.9	90.9	91.2		
GE 600	69.1	80.1	83.3	84.6	86.1	87.0	88.2	89.8	90.2	91.0	91.3	91.4	91.7	91.7	91.7	92.0		
GE 500	69.5	80.4	83.7	85.4	87.0	88.1	89.4	91.0	91.5	92.5	92.9	93.0	93.4	93.4	93.4	93.8		
GE 400	69.5	80.6	84.2	86.0	87.6	88.7	90.2	92.4	92.9	93.9	94.5	94.6	95.3	95.3	95.3	95.6		
GE 300	69.5	80.6	84.2	86.2	87.8	88.9	90.5	93.1	93.7	95.1	95.7	95.8	96.8	96.8	96.8	97.1		
GE 200	69.5	80.6	84.2	86.2	87.8	88.9	90.5	93.4	94.0	95.7	96.8	96.9	98.2	98.2	98.2	98.6		
GE 100	69.5	80.6	84.2	86.2	87.8	88.9	90.5	93.4	94.0	95.7	96.8	96.9	98.2	98.2	98.5	99.6		
GE 0	69.5	80.6	84.2	86.2	87.8	88.9	90.5	93.4	94.0	95.7	96.8	96.9	98.2	98.2	98.5	100.0		

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR 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 CLIL	44.1	46.5	47.2	47.4	47.6	47.6	47.8	48.2	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4
GE 2000	49.8	52.5	53.5	53.8	54.0	54.0	54.2	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
GE 1800	49.9	52.6	53.7	53.9	54.1	54.1	54.3	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
GE 1600	49.9	52.6	53.7	53.9	54.1	54.1	54.3	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
GE 1400	50.5	53.2	54.3	54.5	54.7	54.7	54.9	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
GE 1200	51.4	54.1	55.2	55.4	55.6	55.6	55.8	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3
GE 1000	52.6	55.5	56.6	56.8	57.1	57.1	57.3	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8
GE 900	54.3	57.4	58.5	58.7	59.0	59.0	59.2	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
GE 800	54.6	58.3	59.4	59.6	59.9	59.9	60.1	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
GE 700	55.3	58.9	60.0	60.2	60.6	60.6	60.9	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4
GE 600	55.5	59.1	60.2	60.4	60.9	60.9	61.1	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 500	56.5	60.6	61.8	62.0	62.5	62.5	62.7	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
GE 450	57.3	61.3	62.5	62.9	63.3	63.4	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
GE 400	57.6	61.8	63.1	63.5	64.0	64.1	64.3	64.6	64.7	64.9	65.2	65.2	65.2	65.2	65.2	65.2
GE 350	58.5	63.0	64.3	64.7	65.2	65.3	65.5	65.8	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3
GE 300	60.4	65.2	66.5	66.9	67.3	67.5	67.7	68.1	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6
GE 250	62.3	67.2	68.8	69.2	69.8	70.1	70.3	70.9	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6
GE 200	66.2	72.4	74.1	74.6	75.2	75.6	75.8	76.3	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1
GE 1800	67.6	74.2	75.9	76.5	77.0	77.4	77.6	78.2	78.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9
GE 1600	69.7	76.9	78.6	79.5	80.3	80.8	81.0	81.5	81.7	82.0	82.4	82.4	82.4	82.4	82.4	82.4
GE 1400	71.7	80.0	81.7	82.6	83.7	84.1	84.3	84.9	85.2	85.8	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	72.6	81.6	83.3	84.5	85.4	85.9	86.1	86.9	87.1	87.7	88.6	88.6	88.6	88.6	88.6	88.6
GE 900	73.3	82.6	84.4	85.7	86.8	87.3	87.5	88.3	88.5	89.1	90.0	90.0	90.1	90.1	90.1	90.1
GE 800	73.8	83.2	85.3	86.7	88.0	88.6	89.0	89.9	90.2	91.0	92.0	92.0	92.2	92.2	92.2	92.2
GE 700	74.2	84.2	86.2	87.7	89.0	90.0	90.2	91.2	91.5	92.8	94.1	94.1	94.2	94.2	94.2	94.2
GE 600	74.2	84.4	86.8	88.5	89.9	90.9	91.3	92.3	92.6	94.1	95.4	95.4	95.5	95.5	95.5	95.5
GE 500	74.2	84.9	87.3	89.0	90.4	91.5	91.9	93.4	93.8	95.3	96.6	96.6	96.7	96.7	96.7	96.7
GE 450	74.2	84.9	87.3	89.5	91.1	92.2	92.7	94.4	94.9	96.3	97.6	97.7	97.8	97.8	97.8	97.8
GE 400	74.2	84.9	87.3	89.5	91.3	92.6	93.2	94.9	95.4	96.9	98.2	98.4	98.5	98.5	98.7	98.8
GE 350	74.2	84.9	87.3	89.5	91.3	92.6	93.2	94.9	95.4	97.1	98.6	99.0	99.2	99.2	99.6	99.7
GE 300	74.2	84.9	87.3	89.5	91.3	92.6	93.2	94.9	95.4	97.1	98.7	99.1	99.4	99.4	99.8	99.9
GE 0	74.2	84.9	87.3	89.5	91.3	92.6	93.2	94.9	95.4	97.1	98.7	99.1	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	43.5	45.2	45.4	45.4	45.7	45.7	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 20000	50.3	52.9	53.1	53.2	53.5	53.5	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.5	54.5	54.5	54.5
GE 18000	50.4	53.0	53.2	53.3	53.7	53.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6	54.6
GE 16000	50.4	53.0	53.2	53.3	53.7	53.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6	54.6
GE 14000	50.4	53.0	53.2	53.3	53.7	53.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6	54.6
GE 12000	50.6	53.2	53.5	53.8	54.1	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.7	55.1	55.1	55.1	55.1
GE 10000	51.0	54.2	54.5	54.7	55.1	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0	56.0	56.0
GE 9500	51.5	54.8	55.1	55.3	55.6	55.6	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.6	56.6
GE 9000	51.8	55.2	55.5	55.7	56.1	56.1	56.7	56.8	56.8	56.8	56.8	56.8	56.8	57.2	57.2	57.2	57.2
GE 8500	52.1	55.6	55.9	56.1	56.5	56.5	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.6	57.6	57.6	57.6
GE 8000	52.4	56.0	56.3	56.5	56.9	56.9	57.5	57.6	57.6	57.6	57.6	57.6	57.6	58.0	58.0	58.0	58.0
GE 7500	52.7	56.4	56.7	56.9	57.3	57.3	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.4	58.4	58.4	58.4
GE 7000	53.0	56.8	57.1	57.3	57.7	57.7	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.8	58.8	58.8	58.8
GE 6500	53.3	57.2	57.5	57.7	58.1	58.1	58.7	58.8	58.8	58.8	58.8	58.8	58.8	59.2	59.2	59.2	59.2
GE 6000	53.6	57.6	57.9	58.1	58.5	58.5	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.6	59.6	59.6	59.6
GE 5500	53.9	58.0	58.3	58.5	58.9	58.9	59.5	59.6	59.6	59.6	59.6	59.6	59.6	60.0	60.0	60.0	60.0
GE 5000	54.2	58.4	58.7	58.9	59.3	59.3	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.4	60.4	60.4	60.4
GE 4500	54.5	58.8	59.1	59.3	59.7	59.7	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.8	60.8	60.8	60.8
GE 4000	54.8	59.2	59.5	59.7	60.1	60.1	60.7	60.8	60.8	60.8	60.8	60.8	60.8	61.2	61.2	61.2	61.2
GE 3500	55.1	59.6	59.9	60.1	60.5	60.5	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.6	61.6	61.6	61.6
GE 3000	55.4	60.0	60.3	60.5	60.9	60.9	61.5	61.6	61.6	61.6	61.6	61.6	61.6	62.0	62.0	62.0	62.0
GE 2500	55.7	60.4	60.7	60.9	61.3	61.3	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.4	62.4	62.4	62.4
GE 2000	56.0	60.8	61.1	61.3	61.7	61.7	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.8	62.8	62.8	62.8
GE 1500	56.3	61.2	61.5	61.7	62.1	62.1	62.7	62.8	62.8	62.8	62.8	62.8	62.8	63.2	63.2	63.2	63.2
GE 1000	56.6	61.6	61.9	62.1	62.5	62.5	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.6	63.6	63.6	63.6
GE 900	56.9	62.0	62.3	62.5	62.9	62.9	63.5	63.6	63.6	63.6	63.6	63.6	63.6	64.0	64.0	64.0	64.0
GE 800	57.2	62.4	62.7	62.9	63.3	63.3	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.4	64.4	64.4	64.4
GE 700	57.5	62.8	63.1	63.3	63.7	63.7	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.8	64.8	64.8	64.8
GE 600	57.8	63.2	63.5	63.7	64.1	64.1	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.2	65.2	65.2	65.2
GE 500	58.1	63.6	63.9	64.1	64.5	64.5	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.6	65.6	65.6	65.6
GE 400	58.4	64.0	64.3	64.5	64.9	64.9	65.5	65.6	65.6	65.6	65.6	65.6	65.6	66.0	66.0	66.0	66.0
GE 300	58.7	64.4	64.7	64.9	65.3	65.3	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.4	66.4	66.4	66.4
GE 200	59.0	64.8	65.1	65.3	65.7	65.7	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.8	66.8	66.8	66.8
GE 100	59.3	65.2	65.5	65.7	66.1	66.1	66.7	66.8	66.8	66.8	66.8	66.8	66.8	67.2	67.2	67.2	67.2
GE 01	59.6	65.6	65.9	66.1	66.5	66.5	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.6	67.6	67.6	67.6
GE 02	59.9	66.0	66.3	66.5	66.9	66.9	67.5	67.6	67.6	67.6	67.6	67.6	67.6	68.0	68.0	68.0	68.0
GE 03	60.2	66.4	66.7	66.9	67.3	67.3	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.4	68.4	68.4	68.4
GE 04	60.5	66.8	67.1	67.3	67.7	67.7	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	68.8
GE 05	60.8	67.2	67.5	67.7	68.1	68.1	68.7	68.8	68.8	68.8	68.8	68.8	68.8	69.2	69.2	69.2	69.2
GE 06	61.1	67.6	67.9	68.1	68.5	68.5	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.6	69.6	69.6	69.6
GE 07	61.4	68.0	68.3	68.5	68.9	68.9	69.5	69.6	69.6	69.6	69.6	69.6	69.6	70.0	70.0	70.0	70.0
GE 08	61.7	68.4	68.7	68.9	69.3	69.3	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.4	70.4	70.4	70.4
GE 09	62.0	68.8	69.1	69.3	69.7	69.7	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.8	70.8	70.8	70.8
GE 10	62.3	69.2	69.5	69.7	70.1	70.1	70.7	70.8	70.8	70.8	70.8	70.8	70.8	71.2	71.2	71.2	71.2
GE 11	62.6	69.6	69.9	70.1	70.5	70.5	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
GE 12	62.9	70.0	70.3	70.5	70.9	70.9	71.5	71.6	71.6	71.6	71.6	71.6	71.6	72.0	72.0	72.0	72.0
GE 13	63.2	70.4	70.7	70.9	71.3	71.3	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.4	72.4	72.4	72.4
GE 14	63.5	70.8	71.1	71.3	71.7	71.7	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.8	72.8	72.8	72.8
GE 15	63.8	71.2	71.5	71.7	72.1	72.1	72.7	72.8	72.8	72.8	72.8	72.8	72.8	73.2	73.2	73.2	73.2
GE 16	64.1	71.6	71.9	72.1	72.5	72.5	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.6	73.6	73.6	73.6
GE 17	64.4	72.0	72.3	72.5	72.9	72.9	73.5	73.6	73.6	73.6	73.6	73.6	73.6	74.0	74.0	74.0	74.0
GE 18	64.7	72.4	72.7	72.9	73.3	73.3	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.4	74.4	74.4	74.4
GE 19	65.0	72.8	73.1	73.3	73.7	73.7	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.8	74.8	74.8	74.8
GE 20	65.3	73.2	73.5	73.7	74.1	74.1	74.7	74.8	74.8	74.8	74.8	74.8	74.8	75.2	75.2	75.2	75.2
GE 21	65.6	73.6	73.9	74.1	74.5	74.5	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.6	75.6	75.6	75.6
GE 22	65.9	74.0	74.3	74.5	74.9	74.9	75.5	75.6	75.6	75.6	75.6	75.6	75.6	76.0	76.0	76.0	76.0
GE 23	66.2	74.4	74.7	74.9	75.3	75.3	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.4	76.4	76.4	76.4
GE 24	66.5	74.8	75.1	75.3	75.7	75.7	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.8	76.8	76.8	76.8
GE 25	66.8	75.2	75.5	75.7	76.1	76.1	76.7	76.8	76.8	76.8	76.8	76.8	76.8	77.2	77.2	77.2	77.2
GE 26	67.1	75.6	75.9	76.1	76.5	76.5	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.6	77.6	77.6	77.6
GE 27	67.4	76.0	76.3	76.5	76.9	76.9	77.5	77.6	77.6	77.6	77.6	77.6	77.6	78.0	78.0	78.0	78.0
GE 28	67.7	76.4	76.7	76.9	77.3	77.3	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.4	78.4	78.4	78.4
GE 29	68.0	76.8	77.1	77.3	77.7	77.7	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.8	78.8	78.8	78.8
GE 30	68.3	77.2	77.5	77.7	78.1	78.1	78.7	78.8	78.8	78.8	78.8	78.8	78.8	79.2	79.2	79.2	79.2
GE 31	68.6	77.6	77.9	78.1	78.5	78.5	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.6	79.6	79.6	79.6
GE 32	68.9	78.0	78.3	78.5	78.9	78.9	79.5	79.6	79.6	79.6	79.6	79.6	79.6	80.0	80.0	80.0	80.0
GE 33	69.2	78.4	78.7	78.9	79.3	79.3	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.4	80.4	80.4	80.4
GE 34	69.5	78.8	79.1	79.3	79.7	79.7	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.8	80.8	80.8	80.8
GE 35	69.8	79.2	79.5	79.7	80.1	80.1	80.7	80.8	80.8	80.8	80.8	80.8	80.8	81.2	81.2	81.2	81.2
GE 36	70.1	79.6	79.9	80.1	80.5	80.5	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.6	81.6	81.6	81.6
GE 37	70.4	80.0	80.3	80.5	80.9	80.9	81.5	81.6	81.6	81.6	81.6	81.6	81.6	82.0	82.0	82.0	82.0
GE 38	70.7	80.4	80.7	80.9	81.3	81.3	81.9	82.0	82.0								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LS): 1900-2000

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 4/16	GE 1/4	GE 0
NO CEIL	47.1	49.4	49.4	49.5	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 20000	51.3	54.3	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000	51.3	54.3	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 16000	51.3	54.3	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 14000	51.4	54.4	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 12000	52.3	55.3	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 10000	53.6	57.0	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6
GE 9000	54.6	58.1	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7
GE 8000	56.0	59.6	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.2	60.2	60.2
GE 7000	57.3	60.9	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5	61.5	61.5
GE 6000	57.7	61.3	61.4	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.9	61.9	61.9
GE 5000	59.6	63.3	63.4	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.7	64.0	64.0
GE 4500	59.3	64.3	64.4	64.5	64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.2	65.2	65.2
GE 4000	61.0	65.1	65.2	65.3	65.5	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	66.2	66.2	66.2
GE 3500	62.7	67.2	67.3	67.4	67.8	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.6	68.6	68.6
GE 3000	66.2	71.5	72.0	72.3	72.7	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.4	73.4	73.4
GE 2500	69.4	74.8	75.4	75.7	76.2	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.7	77.0	77.0	77.0
GE 2000	71.8	78.7	79.2	79.7	80.4	80.5	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.3	81.3	81.3
GE 1800	72.8	79.8	80.4	81.2	81.9	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.9	82.9	82.9
GE 1600	74.3	81.7	82.4	83.3	84.4	84.6	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.8	85.8	85.8
GE 1400	76.1	83.1	84.1	85.2	86.2	86.9	87.2	87.6	87.6	87.6	87.6	87.6	87.7	88.1	88.1	88.1
GE 1200	75.9	85.2	86.3	87.4	88.7	89.4	89.8	90.3	90.3	90.3	90.3	90.3	90.4	90.8	90.8	90.8
GE 1000	76.6	86.1	87.5	88.6	89.9	90.6	91.1	91.8	91.8	91.8	91.8	91.8	91.9	92.3	92.3	92.3
GE 800	77.0	86.9	88.4	89.8	91.2	91.9	92.5	93.2	93.2	93.2	93.2	93.2	93.3	93.7	93.7	93.7
GE 700	77.2	87.7	89.5	90.9	92.4	93.1	93.7	94.4	94.4	94.4	94.4	94.4	94.5	94.9	94.9	94.9
GE 600	77.2	87.7	89.7	91.3	92.9	94.0	94.5	95.4	95.5	95.7	95.8	95.9	96.2	96.2	96.2	96.2
GE 500	77.2	87.6	90.0	91.6	93.2	94.3	95.5	96.5	96.6	97.1	97.2	97.3	97.6	97.6	97.6	97.6
GE 400	77.2	87.8	90.0	91.6	93.4	94.5	95.7	96.8	96.9	97.6	97.7	97.8	98.3	98.3	98.3	98.3
GE 300	77.2	88.0	90.3	91.9	93.9	94.8	96.0	97.3	97.4	98.2	98.3	98.4	98.8	98.8	98.8	98.8
GE 200	77.2	88.0	90.3	91.9	93.9	94.9	96.1	97.4	97.5	98.4	98.6	99.0	99.6	99.6	99.7	99.7
GE 100	77.2	88.0	90.3	91.9	93.9	94.9	96.1	97.4	97.5	98.4	98.6	99.0	99.6	99.6	100.0	100.0
GE 0	77.2	88.0	90.3	91.9	93.9	94.9	96.1	97.4	97.5	98.4	98.6	99.0	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72753C STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GF 3/4	GF 5/8	GE 1/2	GE 4/16	GE 1/4	GF 0	
NO CEIL	47.7	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	
GE 20000	50.6	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.5	53.5	53.5	53.7	53.7	53.7	
GE 18000	50.6	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.5	53.5	53.5	53.7	53.7	53.7	
GE 16000	50.6	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.5	53.5	53.5	53.7	53.7	53.7	
GE 14000	50.8	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.7	53.7	53.7	53.8	53.8	53.8	
GE 12000	51.1	53.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.0	54.0	54.0	54.1	54.1	54.1	
GE 10000	53.1	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.3	56.3	56.3	56.5	56.5	56.5	
GE 9000	53.7	56.1	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.9	56.9	56.9	57.0	57.0	57.0	
GE 8000	54.8	57.3	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	58.1	58.1	58.1	58.2	58.2	58.2	
GE 7000	56.8	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.1	60.1	60.1	
GE 6000	57.6	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.9	60.9	60.9	61.0	61.0	61.0	
GE 5000	59.7	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.9	62.9	62.9	63.0	63.0	63.0	
GE 4500	61.3	64.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.4	65.4	65.4	65.5	65.5	65.5	
GE 4000	62.0	65.3	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.2	66.2	66.2	66.3	66.3	66.3	
GE 3500	63.8	67.3	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.3	68.3	68.3	68.4	68.4	68.4	
GE 3000	64.0	72.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.7	73.7	73.7	73.8	73.8	73.8	
GE 2500	69.7	75.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.0	76.0	76.1	76.1	76.1	
GE 2000	72.4	78.3	78.6	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.8	79.8	79.8	
GE 1800	73.3	79.4	79.7	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.8	80.8	80.8	80.9	80.9	80.9	
GE 1600	75.3	81.7	82.6	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.9	83.9	83.9	84.0	84.0	84.0	
GE 1200	76.6	83.3	84.6	85.5	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.5	86.5	86.5	86.6	86.6	
GE 1000	78.1	85.4	87.1	88.1	88.5	88.5	88.5	88.5	88.5	88.7	88.7	89.0	89.0	89.0	89.1	89.1	
GF 900	78.5	86.7	88.6	89.6	90.2	90.2	90.2	90.2	90.4	90.4	91.0	91.0	91.0	91.1	91.1	91.1	
GF 800	78.6	87.2	89.2	90.2	91.0	91.1	91.2	91.2	91.5	91.5	92.0	92.0	92.0	92.2	92.2	92.2	
GF 700	79.1	87.8	90.0	91.0	91.7	91.8	92.0	92.4	92.4	92.4	93.0	93.0	93.0	93.1	93.1	93.1	
GF 600	79.4	88.5	91.0	91.9	92.8	93.1	93.4	94.0	94.0	94.0	94.7	94.8	94.8	94.9	94.9	94.9	
GF 500	79.4	89.1	92.2	93.4	94.5	94.8	95.2	95.7	95.7	95.7	96.5	96.7	96.7	96.8	96.8	96.8	
GF 400	79.5	89.2	92.3	93.5	94.6	94.9	95.6	96.2	96.2	96.2	97.2	97.4	97.4	97.5	97.5	97.5	
GF 300	79.5	89.2	92.5	93.8	95.1	95.4	96.0	96.9	97.0	98.0	98.2	98.2	98.4	98.4	98.5	98.5	
GF 200	79.5	89.2	92.5	93.8	95.1	95.4	96.0	96.9	97.0	98.0	98.3	98.4	99.0	99.4	99.4	99.4	
GF 100	79.5	89.2	92.5	93.8	95.1	95.4	96.0	96.9	97.0	98.0	98.4	98.5	99.1	99.5	99.7	99.7	
GE 0	79.5	89.2	92.5	93.8	95.1	95.4	96.0	96.9	97.0	98.0	98.4	98.5	99.1	99.5	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LOCAL): ALL

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 7/16	GE 1/4	GE 0
NO CEIL	44.4	47.1	47.5	47.8	47.9	48.0	48.1	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3
GE 20000	48.3	51.4	51.8	52.2	52.3	52.3	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 18000	48.3	51.4	51.9	52.2	52.3	52.4	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000	48.3	51.5	51.9	52.2	52.4	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	48.8	51.9	52.4	52.7	52.8	52.9	53.0	53.1	53.1	53.1	53.2	53.2	53.3	53.3	53.4	53.4
GE 12000	49.4	52.5	53.0	53.3	53.5	53.5	53.6	53.7	53.7	53.8	53.8	53.9	54.0	54.0	54.0	54.0
GE 10000	51.4	54.6	55.4	55.7	55.9	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.4	56.4	56.4	56.5
GE 9000	52.7	56.3	56.8	57.1	57.3	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.8	57.8	57.8	57.9
GE 8000	53.7	57.4	57.9	58.3	58.4	58.5	58.6	58.7	58.7	58.8	58.8	58.9	58.9	58.9	59.0	59.0
GE 7000	55.7	58.9	59.5	59.8	60.0	60.0	60.2	60.3	60.3	60.3	60.4	60.5	60.5	60.5	60.6	60.6
GE 6000	56.0	59.9	60.5	60.8	61.0	61.1	61.2	61.3	61.3	61.4	61.4	61.5	61.6	61.6	61.6	61.7
GE 5000	57.7	61.8	62.4	62.8	63.0	63.0	63.2	63.3	63.3	63.4	63.4	63.6	63.6	63.6	63.6	63.7
GE 4000	58.8	63.0	63.7	64.1	64.3	64.4	64.6	64.7	64.7	64.8	64.8	64.9	64.9	65.0	65.0	65.0
GE 3000	59.5	63.9	64.6	65.0	65.2	65.3	65.5	65.6	65.6	65.7	65.8	65.8	66.0	66.0	66.0	66.0
GE 2000	60.9	65.6	66.3	66.8	67.0	67.1	67.3	67.4	67.4	67.5	67.6	67.6	67.8	67.8	67.8	67.9
GE 1000	64.1	69.3	70.1	70.6	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.6	71.7	71.7	71.8	71.8
GE 2000	66.1	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9
GE 2000	66.0	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9
GE 1800	66.0	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9
GE 1600	66.0	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9
GE 1400	66.0	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9
GE 1200	66.0	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9
GE 1000	66.0	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9
GE 800	66.0	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9
GE 600	66.0	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9
GE 400	66.0	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9
GE 200	66.0	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9
GE 0	66.0	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 76-87
MONTH: APR POLARS(LST): 0000-0200

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 7/16	GE 1/4	GE 0
NO CEIL	58.0	59.2	59.7	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	61.3	62.6	63.0	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 18000	61.6	62.8	63.2	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	61.6	62.8	63.2	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	62.2	63.4	63.9	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 12000	63.2	64.4	65.0	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 10000	67.1	68.4	69.0	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	67.8	69.1	69.7	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	70.0	71.3	71.9	72.4	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000	72.7	74.1	74.7	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	77.9	75.3	75.9	76.4	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	75.4	77.1	77.7	78.2	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4000	77.4	79.3	79.9	80.4	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 3000	78.3	80.3	80.9	81.4	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000	79.6	81.9	82.4	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1000	81.0	83.6	84.3	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	83.2	86.1	86.9	87.7	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2000	84.3	87.6	88.6	89.3	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	84.9	88.3	89.6	90.3	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1500	85.3	89.1	90.3	91.1	91.6	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	86.6	90.4	91.7	92.4	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	87.7	91.6	92.9	93.8	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	88.2	92.2	93.6	94.4	95.0	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	88.3	92.3	93.7	94.7	95.2	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	88.3	92.7	94.1	95.2	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	89.6	93.1	94.6	96.4	97.1	97.1	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	88.6	93.3	95.0	96.8	97.6	97.6	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	88.7	93.6	95.2	97.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	89.7	93.8	95.4	97.4	98.4	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	89.7	93.8	95.4	97.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	89.7	93.6	95.4	97.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 0	89.7	93.8	95.4	97.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	1/2	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9
NO CEIL	55.7	57.4	57.9	58.3	58.3	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 20000	57.9	59.7	60.1	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
GE 18000	57.9	59.7	60.1	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
GE 16000	57.9	59.7	60.1	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
GE 14000	58.6	60.3	60.8	61.2	61.2	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 12000	59.4	61.6	62.0	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	
GE 10000	62.8	64.7	65.2	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	
GE 9000	63.7	65.6	66.1	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	
GE 8000	66.6	68.8	69.3	69.6	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
GE 7000	68.4	71.1	71.7	72.1	72.1	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 6000	69.2	72.1	72.7	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
GE 5000	71.1	74.1	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	
GE 4500	72.7	75.8	76.3	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 4000	73.9	77.0	77.7	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 3500	75.0	78.1	78.8	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	
GE 3000	77.3	80.9	81.6	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
GE 2500	80.0	83.8	84.4	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
GE 2000	81.4	85.9	86.7	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
GE 1800	82.0	86.6	87.3	87.9	87.9	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 1500	82.9	87.9	88.7	89.3	89.3	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 1200	83.6	89.0	89.8	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
GE 1000	84.4	89.8	90.6	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
GE 900	85.1	90.7	91.4	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
GE 800	86.0	91.8	92.7	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
GE 700	86.1	92.2	93.1	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 600	86.1	92.6	93.1	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 500	86.2	93.1	94.4	95.4	95.4	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 400	86.3	93.7	95.1	96.1	96.1	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 300	86.3	93.8	95.2	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
GE 200	86.3	93.8	95.2	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
GE 100	86.3	93.8	95.2	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
GE 70	86.3	93.8	95.2	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 76-87
MONTH: APR HOURS(EST): 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 7/16	GE 1/4	GE 0	
NO CEIL	51.9	53.9	53.9	54.2	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.9	55.0
GE 20000	56.8	59.1	59.1	59.4	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.1	60.2
GE 18000	57.1	59.4	59.4	59.8	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.4	60.6
GE 16000	57.1	59.4	59.4	59.8	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.4	60.6	60.6
GE 14000	57.6	59.9	59.9	60.2	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.9	61.0	61.0
GE 12000	57.9	60.2	60.3	60.7	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.3	61.4
GE 10000	62.4	64.6	65.1	65.4	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2	66.3
GE 9000	63.7	66.2	66.6	66.9	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.7	67.8
GE 8000	65.6	68.2	68.6	68.9	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.7	69.8
GE 7000	66.6	69.6	69.9	70.2	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	71.0	71.1
GE 6000	67.8	71.2	71.7	72.0	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.9	73.0
GE 5000	69.0	72.7	73.1	73.4	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.3	74.4
GE 4500	70.0	74.0	74.4	74.6	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.6	75.7
GE 4000	71.2	75.6	76.1	76.6	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.4	77.5
GE 3500	71.7	76.0	76.6	77.0	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.9	78.0
GE 3000	73.9	78.3	78.9	79.3	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.2	80.3
GE 2500	76.4	81.2	82.0	82.4	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.3	83.4
GE 2000	78.3	83.3	84.2	84.7	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.6	85.7
GE 1800	79.1	84.3	85.2	85.7	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.6	86.7
GE 1600	80.4	85.0	86.0	87.1	87.7	88.2	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.9	89.0
GE 1400	81.2	87.2	88.3	88.9	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.2	90.3
GE 1000	81.4	88.1	89.3	89.9	90.4	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.2	91.3
GE 900	82.2	89.6	90.8	91.3	91.9	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.8	92.9
GE 800	82.6	90.2	91.6	92.1	92.7	93.0	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.9	94.0
GE 700	82.9	90.8	92.1	92.7	93.3	93.8	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.6	94.7
GE 600	83.3	91.4	93.0	93.7	94.3	94.6	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.9	96.0
GE 500	83.6	92.0	93.6	94.2	95.1	95.7	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.9	97.0
GE 400	83.6	92.2	93.8	94.6	95.6	96.1	96.9	97.3	97.1	97.7	97.7	97.7	97.7	97.7	97.8	97.9	98.0
GE 300	83.6	92.2	93.8	94.7	95.9	96.4	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.6	97.7
GE 200	83.6	92.2	93.8	94.7	95.9	96.4	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.6	97.7
GE 100	83.6	92.2	93.8	94.7	95.9	96.4	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.6	97.7
GE 71	83.6	92.2	93.8	94.7	95.9	96.4	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.6	97.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFCTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-67
 MONTH: APR HOURS(LST): 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	51.7	55.8	56.0	56.0	56.1	56.1	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 2000	59.8	61.9	62.1	62.1	62.2	62.2	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 1800	60.0	62.1	62.3	62.3	62.4	62.4	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 1600	60.2	62.3	62.6	62.6	62.7	62.7	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 1400	60.6	62.7	62.9	62.9	63.0	63.0	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1200	60.8	63.0	63.2	63.2	63.3	63.3	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 1000	63.9	66.0	66.3	66.3	66.4	66.4	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 900	64.7	66.9	67.2	67.2	67.3	67.3	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 800	66.0	68.3	68.7	68.7	68.9	68.8	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 700	68.1	70.6	70.9	71.1	71.2	71.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 600	68.6	71.0	71.3	71.6	71.7	71.9	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 500	69.6	72.2	72.6	72.8	72.9	73.1	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 400	70.6	73.2	73.6	73.8	73.9	74.1	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 300	71.6	74.2	74.6	74.8	74.9	75.1	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 200	72.3	75.1	75.4	75.7	75.8	76.0	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 100	73.3	76.2	76.6	76.9	77.1	77.3	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 2500	75.9	79.4	79.8	80.1	80.3	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2000	79.9	83.6	83.9	84.2	84.4	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	80.8	84.6	84.9	85.2	85.4	85.8	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1600	82.2	86.2	86.7	87.0	87.6	87.9	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1400	83.0	87.7	88.1	88.6	89.3	89.7	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1200	83.8	89.0	89.4	89.9	91.0	91.3	92.1	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	84.9	90.4	91.1	91.6	92.7	93.7	94.0	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	85.2	91.0	91.7	92.1	93.2	93.8	94.6	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	86.1	92.3	93.0	93.4	94.9	95.4	96.2	96.6	96.6	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 600	86.3	92.9	93.6	94.1	95.4	96.1	96.9	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	86.3	93.2	94.0	94.7	96.0	96.8	97.8	98.1	98.1	98.7	98.7	98.9	98.9	98.9	98.9	98.9
GE 400	86.3	93.2	94.0	94.7	96.0	96.8	97.8	98.1	98.1	99.0	99.0	99.2	99.3	99.3	99.4	99.4
GE 300	86.3	93.2	94.0	94.7	96.0	96.8	97.8	98.1	98.1	99.1	99.2	99.4	99.6	99.6	99.7	99.7
GE 200	86.3	93.2	94.0	94.7	96.0	96.8	97.8	98.1	98.1	99.1	99.2	99.4	99.6	99.6	99.7	99.7
GE 100	86.3	93.2	94.0	94.7	96.0	96.8	97.8	98.1	98.1	99.1	99.2	99.4	99.7	99.7	99.8	99.8
GE 0	86.3	93.2	94.0	94.7	96.0	96.8	97.8	98.1	98.1	99.2	99.3	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1200-1400

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
NO CEIL	51.0	51.3	51.4	51.6	51.7	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000	57.4	58.3	58.4	58.6	58.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	57.4	58.3	58.4	58.6	58.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	57.7	58.6	58.7	58.8	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 14000	58.4	59.3	59.4	59.6	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 12000	59.1	60.0	60.1	60.2	60.3	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	61.3	62.3	62.4	62.6	62.7	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	62.4	63.4	63.6	63.7	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	64.1	65.1	65.2	65.3	65.4	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 7000	65.9	66.9	67.0	67.1	67.2	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	66.7	67.7	67.8	67.9	68.0	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	69.0	69.1	69.2	69.4	69.6	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4500	68.9	70.0	70.1	70.3	70.4	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4000	71.4	72.6	72.8	73.0	73.1	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3500	74.2	75.3	75.6	75.8	75.9	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 3000	76.6	77.9	78.1	78.3	78.4	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	80.6	82.2	82.4	82.7	82.8	83.1	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2000	83.2	85.0	85.2	85.4	85.6	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	85.1	87.1	87.4	87.7	87.9	88.3	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1500	86.2	88.7	89.1	89.4	89.8	90.2	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	87.4	90.2	90.7	91.1	91.4	91.9	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	88.4	91.6	92.3	92.5	93.4	93.9	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	89.6	93.0	93.9	94.6	95.3	95.8	96.7	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	89.8	93.3	94.2	95.0	95.8	96.2	97.1	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	90.0	93.6	94.6	95.3	96.2	96.9	97.8	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	90.0	93.8	94.6	95.9	96.8	97.6	98.6	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	90.0	93.9	94.9	96.0	97.0	97.9	99.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	90.0	93.9	94.9	96.0	97.0	97.9	99.0	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	90.0	93.9	94.9	96.0	97.0	97.9	99.0	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	90.0	93.9	94.9	96.0	97.0	97.9	99.0	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	90.0	93.9	94.9	96.0	97.0	97.9	99.0	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 74-87
MONTH: APR 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 7/16	GE 1/4	GE 0
NO CEIL	47.7	48.0	48.1	48.7	48.8	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000	56.9	57.2	57.3	57.9	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	57.0	57.3	57.4	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	57.0	57.3	57.4	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 14000	57.9	58.2	58.3	58.9	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 12000	59.0	59.3	59.4	60.0	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 10000	61.7	62.6	62.7	63.2	63.3	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 9000	63.3	64.6	64.7	65.2	65.3	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	64.7	66.0	66.1	66.7	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	66.2	67.6	67.7	68.2	68.3	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 6000	68.0	69.4	69.6	70.1	70.2	70.3	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 5000	70.2	71.7	71.8	72.3	72.4	72.6	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	73.4	74.9	75.0	75.6	75.7	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	74.8	76.3	76.4	77.0	77.1	77.2	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3500	76.7	78.7	78.9	79.4	79.6	79.7	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	80.2	82.3	82.6	83.1	83.2	83.3	83.4	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500	83.4	85.9	86.1	86.7	86.9	87.0	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	86.3	88.9	89.2	89.8	90.0	90.1	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	86.8	89.6	89.9	90.4	91.0	91.1	91.2	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1600	88.0	91.3	91.7	92.2	92.8	92.9	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	88.9	92.7	93.2	93.6	94.3	94.4	94.7	94.9	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	89.0	93.2	93.9	94.4	95.0	95.1	95.4	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	89.8	94.1	94.6	95.3	95.9	96.0	96.3	96.4	96.4	96.8	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	89.9	94.3	95.0	95.6	96.1	96.2	96.7	96.9	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	89.9	94.8	95.4	96.0	96.6	96.7	97.2	97.6	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	89.9	95.0	95.7	96.6	97.1	97.2	97.8	98.3	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	89.9	95.0	95.7	96.6	97.1	97.2	97.8	98.3	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	89.9	95.0	95.8	96.7	97.2	97.4	98.0	98.6	98.6	99.0	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	89.9	95.0	95.2	96.7	97.2	97.4	98.0	98.7	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	89.9	95.0	95.8	96.7	97.2	97.4	98.0	98.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.9	95.0	95.6	96.7	97.2	97.4	98.0	98.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE	GE	GE	GE	GE	GE	CE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	10
NO CEIL	53.1	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 2000	62.0	62.8	62.9	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
GE 1800	62.1	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 1600	62.1	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 1400	62.4	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 1200	63.3	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 1000	67.6	68.7	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 950	69.1	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 800	71.0	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 700	73.8	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 600	75.4	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 500	78.2	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 450	80.6	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 400	81.4	83.7	83.8	83.9	83.9	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 350	83.2	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 300	85.1	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 250	87.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 200	88.9	91.6	92.0	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 180	89.1	92.1	92.6	92.9	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 150	90.0	93.4	93.9	94.3	94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 120	90.6	94.7	95.1	95.7	95.8	96.0	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 100	92.6	95.1	95.6	96.2	96.3	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 90	92.9	95.7	96.1	96.6	96.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 80	92.9	96.0	96.6	97.3	97.4	97.8	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 70	92.9	96.0	96.6	97.3	97.4	97.8	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 60	92.9	96.0	96.7	97.8	97.9	98.2	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 50	91.0	96.1	96.8	97.9	98.0	98.3	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 40	91.0	96.1	96.9	98.0	98.1	98.4	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 30	91.0	96.2	97.0	98.1	98.2	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 20	91.0	96.2	97.0	98.1	98.2	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 10	91.0	96.2	97.0	98.1	98.2	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	91.0	96.2	97.0	98.1	98.2	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: APR HOURS(UST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE	GE	GE	GF	GE	GE	GE	GE	GE	GE	GE	GF	GE	GE	GE	GE
	1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1	1/2
NO CEIL	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	65.3	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	66.0	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	66.0	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	66.7	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000	67.1	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 9000	70.9	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	73.4	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 7000	76.8	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	77.6	77.6	77.6
GE 6000	78.9	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 5000	80.3	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	81.6	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	82.6	83.3	83.7	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
GE 3500	84.0	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	85.9	87.8	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	88.3	88.3
GE 2500	88.1	90.2	90.9	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
GE 2000	89.0	91.2	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	89.6	92.0	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	90.0	93.2	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GF 1200	90.4	94.3	95.4	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	90.6	94.6	95.8	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	91.1	95.6	96.8	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	91.1	95.7	96.9	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	91.1	95.9	97.1	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	91.1	96.0	97.3	98.3	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	91.1	96.2	97.6	98.7	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	91.1	96.2	97.6	98.7	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	91.1	96.4	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.1	96.4	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.1	96.4	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	91.1	96.4	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLU FARGO ND

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

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 5/16	GE 1/4	GE 0
NO CEIL	54.0	55.1	55.3	55.5	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9
GE 20000	59.7	60.9	61.1	61.4	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8
GE 18000	59.9	61.1	61.3	61.6	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0
GE 16000	59.9	61.2	61.4	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
GE 14000	60.5	61.8	62.0	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6
GE 12000	61.3	62.5	62.8	63.0	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
GE 10000	64.5	65.9	66.2	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9
GE 9000	65.7	67.2	67.5	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2
GE 8000	67.7	69.3	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.3
GE 7000	69.8	71.6	71.9	72.2	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6
GE 6000	71.1	72.9	73.2	73.5	73.6	73.7	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1
GE 5000	72.7	74.7	75.0	75.3	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 4500	74.4	76.5	76.8	77.2	77.3	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7
GE 4000	75.7	77.9	78.2	78.6	78.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.2
GE 3500	77.1	79.5	79.8	80.2	80.3	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.8
GE 3000	79.2	81.8	82.2	82.6	82.7	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 2500	81.9	84.8	85.3	85.7	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4
GE 2000	83.9	87.1	87.7	88.1	88.3	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9
GE 1800	84.7	88.1	88.7	89.2	89.4	89.6	89.7	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
GE 1500	85.6	89.5	90.2	90.7	91.0	91.2	91.4	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.8	91.8
GE 1200	86.5	90.6	91.5	92.1	92.5	92.7	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.4	93.4	93.4
GE 1000	87.0	91.6	92.5	93.1	93.6	93.8	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.6	94.6
GE 900	87.7	92.7	93.6	94.2	94.7	94.9	95.4	95.5	95.5	95.7	95.8	95.8	95.8	95.9	95.9	95.9
GE 800	88.0	93.1	94.0	94.7	95.2	95.5	96.0	96.1	96.1	96.3	96.4	96.4	96.5	96.5	96.6	96.6
GE 700	88.2	93.5	94.5	95.2	95.8	96.1	96.6	96.8	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 600	88.3	93.9	95.0	96.0	96.6	96.9	97.5	97.7	97.7	98.0	98.1	98.2	98.3	98.3	98.3	98.3
GE 500	88.3	94.1	95.2	96.3	96.9	97.3	98.0	98.2	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.9
GE 400	88.4	94.2	95.4	96.5	97.2	97.6	98.2	98.4	98.5	98.8	98.9	99.0	99.2	99.2	99.2	99.3
GE 300	88.4	94.3	95.5	96.6	97.4	97.8	98.5	98.7	98.7	99.1	99.3	99.4	99.5	99.6	99.6	99.7
GE 200	88.4	94.3	95.5	96.6	97.4	97.8	98.5	98.7	98.8	99.2	99.4	99.5	99.7	99.7	99.8	99.9
GE 100	88.4	94.3	95.5	96.6	97.4	97.8	98.5	98.7	98.8	99.2	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	
	1	1/2	3/8	1/4	3/8	1/2	3/8	1/4	3/8	1/2	3/8	1/4	3/8	1/2	3/8	1/4	0
% CEIL	57.8	59.4	59.6	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 20000	63.3	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	63.3	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 16000	63.3	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000	63.3	65.2	65.4	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 12000	64.8	66.5	66.7	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 10000	67.6	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 9000	69.9	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	71.8	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	73.2	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	74.8	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	78.1	80.2	80.4	80.9	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
GE 4500	79.7	81.9	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4000	80.5	82.8	83.1	83.5	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
GE 3500	81.6	84.1	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	83.2	85.9	86.3	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	84.6	87.8	88.3	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	86.5	90.0	90.6	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
GE 1800	86.8	90.4	91.2	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1500	87.3	91.2	91.9	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
GE 1000	88.4	92.4	93.1	93.8	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	89.1	93.7	94.5	95.2	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	89.6	94.2	95.1	95.8	96.5	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 600	89.9	94.7	95.7	96.6	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	90.1	95.1	96.0	96.9	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	90.4	95.4	96.3	97.2	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	90.4	95.9	97.0	98.0	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	90.4	96.2	97.3	98.4	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	90.4	96.3	97.4	98.5	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	90.4	96.3	97.4	98.5	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GF 6	GF 5	GF 4	GE 3	GF 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	52.2	53.4	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.2
GE 20000	57.6	58.9	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.9
GE 18000	57.6	58.9	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.9
GE 16000	57.6	58.9	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.9
GE 14000	58.1	59.4	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.3
GE 12000	58.8	60.1	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	61.1
GE 10000	63.3	64.8	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	66.0
GE 9000	65.1	66.9	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	68.1
GE 8000	68.6	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.9
GE 7000	72.4	74.6	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	76.0
GE 6000	74.0	76.5	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.8
GE 5000	76.9	79.8	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.4
GE 4500	78.5	81.4	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	83.1
GE 4000	79.1	82.2	82.9	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	84.0
GE 3500	80.2	83.5	84.3	84.7	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.5
GE 3000	81.4	84.9	85.7	86.1	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.9
GE 2500	82.5	86.5	87.2	87.7	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.8
GE 2000	83.9	88.1	88.8	89.4	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.4
GE 1800	84.3	88.6	89.4	89.9	90.1	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	91.0
GE 1500	85.4	89.7	90.4	91.1	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	92.2
GE 1200	86.7	91.1	91.8	92.5	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.7
GE 1000	87.6	92.4	93.2	93.9	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	95.1
GE 900	88.0	92.8	93.7	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.5
GE 800	88.4	93.4	94.4	95.2	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.5
GE 700	88.8	94.1	95.1	96.0	96.3	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.3
GE 600	89.2	94.9	96.0	97.0	97.3	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.4
GE 500	89.2	95.3	96.3	97.5	97.9	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.9
GE 400	89.4	95.5	96.6	97.8	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.8
GE 300	89.4	95.5	96.6	97.8	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.8
GE 200	89.4	95.5	96.6	97.8	98.4	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.9
GE 100	89.4	95.5	96.6	97.8	98.4	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.9
GE C	89.4	95.5	96.6	97.8	98.4	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	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
NO CEIL	50.2	52.2	52.3	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	52.5
GE 2000	57.1	59.4	59.6	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 1800	57.1	59.4	59.6	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 1600	57.2	59.5	59.7	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 1400	58.9	61.1	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 1200	59.1	61.6	61.9	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 1000	62.9	66.3	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.2	67.2	67.2
GE 900	65.4	69.0	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	70.0	70.0
GE 800	67.7	71.5	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.5	72.5	72.5
GE 700	70.3	74.4	74.8	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.4	75.4	75.4
GE 600	71.4	75.8	76.2	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.8	76.8	76.8
GE 500	73.1	77.7	78.3	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9	78.9	78.9
GE 450	73.8	78.5	79.0	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.9	79.9	79.9
GE 400	74.8	79.7	80.2	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.1	81.1	81.1
GE 350	75.1	80.0	80.6	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.5	81.5	81.5
GE 300	76.0	81.3	81.9	82.3	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.1	83.1	83.1
GE 250	77.5	83.2	84.0	84.4	84.6	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.3	85.3	85.3
GE 200	79.0	84.6	85.6	86.0	86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	87.0	87.0
GE 180	79.9	85.8	86.6	87.0	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	88.0	88.0	88.0
GE 150	82.6	88.5	89.2	89.7	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.6	90.6	90.6
GE 120	84.1	90.4	91.3	91.7	92.0	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.9	92.9	92.9
GE 100	85.3	91.6	92.5	93.1	93.4	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.4	94.4	94.4
GE 90	85.6	92.2	93.0	93.7	94.0	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.9	94.9	94.9
GE 80	86.0	92.6	93.4	94.2	94.5	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.5	95.5	95.5
GE 70	86.6	93.4	94.5	95.4	95.7	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.8	96.8	96.8
GE 60	86.9	94.1	95.5	96.6	97.0	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 50	86.9	94.3	95.7	96.9	97.4	97.6	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.8	98.8	98.8
GE 40	86.9	94.3	95.7	97.1	97.6	98.2	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.4	99.4	99.4
GE 30	86.9	94.3	95.7	97.1	97.7	98.6	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8
GE 20	86.9	94.3	95.7	97.1	97.7	98.7	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9
GE 10	86.9	94.3	95.7	97.1	97.7	98.7	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9
GE 0	86.9	94.3	95.7	97.1	97.7	98.7	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(UT): 0900-1100

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	
NO CLIL	53.0	53.8	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	60.3	61.7	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	60.3	61.7	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	60.3	61.7	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	61.4	62.9	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 12000	62.4	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 10000	65.9	67.5	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	67.6	69.6	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 8000	69.6	71.6	71.8	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	72.2	72.2
GE 7000	70.3	72.6	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	73.1	73.1	73.1
GE 6000	71.0	73.2	73.7	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	74.2
GE 5000	72.9	75.4	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	73.9	76.5	76.9	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	75.1	77.8	78.3	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	75.7	78.6	79.0	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	76.9	80.0	80.4	80.8	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 2500	78.7	81.8	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000	80.8	84.2	84.7	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1800	81.9	85.5	86.1	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1500	85.3	89.1	89.8	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	87.0	91.5	92.2	92.7	93.0	93.2	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 1000	88.3	93.5	94.3	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	88.4	93.6	94.5	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	88.8	94.7	95.5	96.1	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	88.9	95.2	95.9	96.6	97.1	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	89.2	95.7	96.6	97.3	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	89.2	96.0	96.9	97.6	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	89.4	96.2	97.2	98.0	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	89.4	96.2	97.2	98.0	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.4	96.2	97.2	98.0	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.4	96.2	97.2	98.0	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 76-87
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	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
NO CEIL	51.4	52.2	52.3	52.5	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 2000	59.7	60.5	60.6	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 1800	59.8	60.6	60.8	61.0	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 1600	59.9	60.8	60.9	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1400	60.8	61.6	61.7	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 1200	61.6	62.7	62.8	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 1000	64.2	65.3	65.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 900	66.2	67.3	67.4	67.6	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 800	68.2	69.2	69.4	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 700	69.1	70.3	70.4	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 600	71.0	72.3	72.4	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 500	74.0	75.3	75.5	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 450	75.7	77.1	77.4	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 400	78.1	79.5	79.8	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 350	80.0	81.6	82.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 300	82.3	84.0	84.4	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 250	84.7	86.8	87.3	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 200	87.3	89.9	90.4	90.6	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 180	88.7	91.5	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 150	90.8	93.8	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 120	91.6	95.1	95.6	95.6	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 100	92.6	96.0	96.0	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 90	93.0	96.6	97.2	97.7	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 80	93.0	96.7	97.3	97.6	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 70	93.1	97.1	97.6	98.4	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 60	93.2	97.3	98.1	98.6	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 50	93.3	97.4	98.2	98.7	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 40	93.3	97.4	98.2	98.7	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 30	93.3	97.4	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	93.3	97.4	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	93.3	97.4	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	93.3	97.4	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GF 5	GE 4	GE 3	GE 2	GE 1 1/2	GF 2	GF 1 1/2	GF 1 1/4	GF 1	GF 3/4	GF 5/8	GF 1/2	GF 5/16	GF 1/4	GF 0
NO CEIL	47.4	48.9	48.9	48.9	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 20000	57.7	59.4	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 18000	57.8	59.5	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 16000	58.1	59.7	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 14000	58.6	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 12000	60.2	61.8	61.8	61.8	62.2	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 10000	64.5	66.1	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 9000	66.3	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 8000	68.2	69.9	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 7000	70.2	71.9	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000	73.3	75.1	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 5000	77.4	79.2	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	80.3	82.2	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4000	81.7	83.8	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3500	83.8	85.8	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	86.0	88.5	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GF 2500	87.7	90.2	90.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GF 2000	89.8	92.3	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GF 1800	90.5	93.0	93.4	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GF 1500	91.5	94.0	94.4	94.4	94.8	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GF 1000	92.4	94.9	95.5	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	92.7	95.8	96.5	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	92.9	96.2	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	93.1	96.7	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	93.3	97.1	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	93.7	97.1	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	93.5	97.3	98.2	98.2	98.3	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	93.5	97.3	98.2	98.2	98.5	99.1	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	93.5	97.3	98.2	98.2	98.6	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	93.5	97.3	98.2	98.2	98.6	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	93.5	97.3	98.2	98.2	98.6	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	93.5	97.3	98.2	98.2	98.6	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: MAY HOURS(LST): 1800-2000

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	52.8	53.7	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 20000	63.5	64.5	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 18000	63.9	64.8	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 16000	64.1	65.0	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 14000	64.7	65.7	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	66.0	67.0	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	69.9	71.0	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000	71.3	72.4	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	73.9	75.2	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	76.4	77.8	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 6000	79.3	80.9	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	83.4	85.1	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4500	85.2	87.1	87.5	87.7	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 4000	85.5	87.4	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	86.5	88.3	88.8	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3000	87.9	89.9	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	89.5	91.6	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	92.4	92.4	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.7	93.9	93.9	94.0	94.0	94.0	94.0
GE 1800	92.6	92.9	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4
GE 1500	91.0	93.9	94.4	94.7	95.0	95.1	95.1	95.1	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5
GE 1200	91.4	94.3	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.8	95.9	95.9	96.0	96.0	96.0	96.0
GE 1000	91.5	95.3	96.0	96.3	96.7	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	91.7	95.6	96.5	96.9	97.2	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	91.8	96.0	97.0	97.3	97.6	97.6	97.6	97.6	97.6	98.2	98.3	98.3	98.4	98.4	98.4	98.4
GE 700	91.8	96.3	97.3	97.7	98.1	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	91.8	96.5	97.5	98.0	98.4	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	91.9	96.7	97.6	98.2	98.6	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	92.0	96.8	97.7	98.3	98.7	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	92.0	96.8	97.7	98.3	98.7	99.0	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	92.0	96.8	97.7	98.3	98.7	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.0	96.8	97.7	98.3	98.7	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	92.0	96.8	97.7	98.3	98.7	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
 USAFLIAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

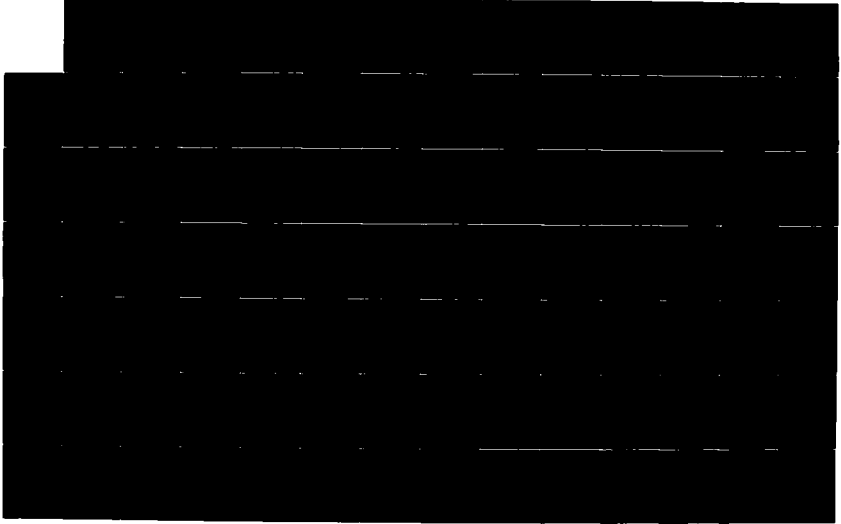
STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

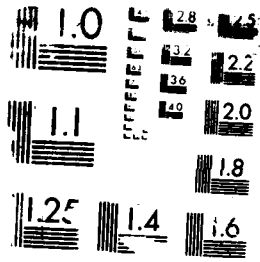
PERIOD OF RECORD: 78-87
 MONTH: MAY HOURS(LST): 2100-2100

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	1/4	0
NO CEIL	59.0	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	60.5	60.5
GE 20000	66.5	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
GF 18000	66.5	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 16000	66.6	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	68.1
GE 14000	67.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	67.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 10000	70.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000	71.1	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000	73.8	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
GE 7000	76.7	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 6000	79.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	81.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GF 4000	82.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GF 4000	83.6	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 3500	84.9	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	86.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2500	87.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	88.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	89.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	89.2	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GF 1200	89.4	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	89.9	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	90.4	96.9	97.5	97.5	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 800	90.4	97.1	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	90.4	97.3	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GF 600	90.5	97.6	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	90.6	97.7	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	90.6	97.8	98.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	90.6	98.0	98.8	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	90.6	98.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.6	98.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	90.6	98.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

AD-A188 320 WECTOR FIELD FARGO NORTH DAKOTA REVISED UNIFORM SUMMARY 3/4
OF SURFACE WEATHER (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. DEC 87
UNCLASSIFIED USAFETAC/DS-87/081 F/G 4/2 NL





RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY 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	53.0	54.3	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	60.7	62.2	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
GE 18000	60.8	62.2	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 16000	60.9	62.3	62.5	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 14000	61.6	63.1	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 12000	62.6	64.1	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	66.1	67.8	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
GE 9000	67.7	69.6	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
GE 8000	70.1	72.0	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
GE 7000	72.3	74.4	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
GE 6000	74.1	76.4	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 5000	77.1	79.7	80.0	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
GE 4500	78.7	81.3	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3
GE 4000	79.8	82.5	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3500	81.0	83.8	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9
GE 3000	82.5	85.6	86.0	86.3	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	84.1	87.5	88.0	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
GE 2000	85.8	89.4	90.0	90.3	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
GE 1800	86.5	90.2	90.8	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 1500	87.9	91.8	92.5	92.8	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
GE 1200	88.9	93.1	93.7	94.1	94.4	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	89.6	94.3	95.0	95.4	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3
GE 900	90.0	94.8	95.6	96.0	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
GE 800	90.2	95.2	96.1	96.0	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 700	90.4	95.7	96.6	97.1	97.6	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
GE 600	90.6	96.1	97.0	97.6	98.1	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	90.7	96.3	97.2	97.9	98.5	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	90.7	96.4	97.4	98.2	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	90.7	96.5	97.5	98.3	98.9	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	90.7	96.5	97.5	98.3	98.9	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	90.7	96.5	97.5	98.3	98.9	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	90.7	96.5	97.5	98.3	98.9	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0000-0200

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	57.1	58.7	59.3	59.4	59.4	59.4	59.6	59.6	59.6	59.7	59.7	59.7	59.9	59.9	59.9	59.9	
GE 20000	64.4	66.1	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.4	
GE 18000	64.7	66.3	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.7	67.7	67.7	67.7	
GE 16000	64.7	66.3	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.7	67.7	67.7	67.7	
GE 14000	64.9	66.6	67.3	67.4	67.4	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.9	67.9	67.9	67.9	
GE 12000	66.7	68.3	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.7	69.7	69.7	69.7	
GE 10000	70.6	72.4	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.6	73.6	73.6	73.8	73.8	73.8	73.8	
GE 9000	72.3	74.3	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.7	75.7	75.7	75.7	
GE 8000	75.8	77.9	78.7	78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	
GE 7000	78.6	80.9	81.7	81.8	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	
GE 6000	79.7	82.0	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.3	83.3	83.3	83.3	
GE 5000	82.8	85.4	86.2	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.9	86.9	86.9	86.9	
GE 4500	83.7	86.6	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.0	
GE 4000	84.8	87.8	88.6	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.2	
GE 3500	86.0	89.0	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.6	90.6	90.6	90.6	
GE 3000	87.4	91.0	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.6	92.6	92.6	92.6	
GE 2500	89.3	93.0	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.6	94.6	94.6	94.6	
GE 2000	89.9	93.8	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.3	
GE 1800	90.0	94.0	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.6	95.6	95.6	95.6	
GE 1500	90.3	94.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.6	96.6	96.6	96.6	
GE 1200	91.0	95.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.6	97.6	97.6	97.6	
GE 1000	91.3	96.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	
GE 900	91.3	96.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.6	
GE 800	91.3	96.9	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	
GE 700	91.3	96.9	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	
GE 600	91.3	97.0	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	
GE 500	91.3	97.2	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	
GE 400	91.3	97.4	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	
GE 300	91.3	97.4	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	
GE 200	91.3	97.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	
GE 100	91.3	97.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	
GE 0	91.3	97.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 0300-0500

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	52.4	53.7	53.9	54.7	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.7	55.8
GE 20000	60.1	61.4	61.8	62.6	62.8	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.7	63.8
GE 18000	60.3	61.7	62.0	62.8	63.0	63.0	63.3	63.4	63.4	63.6	63.6	63.6	63.7	63.7	64.0	64.1
GE 16000	60.3	61.7	62.0	62.8	63.0	63.0	63.3	63.4	63.4	63.6	63.6	63.6	63.7	63.7	64.0	64.1
GE 14000	60.7	62.0	62.3	63.1	63.3	63.3	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.3	64.4
GE 12000	62.2	63.6	63.9	64.7	64.9	64.9	65.2	65.3	65.3	65.4	65.4	65.4	65.6	65.6	65.9	66.0
GE 10000	66.8	68.4	68.8	69.6	69.8	69.8	70.1	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.8	70.9
GE 9000	69.7	71.4	71.8	72.6	72.8	72.8	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.8	73.9
GE 8000	71.6	73.4	73.8	74.6	74.8	74.8	75.1	75.2	75.2	75.3	75.3	75.3	75.4	75.4	75.8	75.9
GE 7000	74.8	77.0	77.3	78.1	78.3	78.3	78.7	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.3	79.4
GE 6000	75.7	78.0	78.3	79.1	79.3	79.3	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.3	80.4
GE 5000	78.6	81.3	81.8	82.6	82.8	82.8	83.1	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.8	83.9
GE 4500	79.6	82.4	82.9	83.7	83.9	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.9	85.0
GE 4000	80.6	83.6	84.1	84.9	85.1	85.1	85.4	85.6	85.6	85.7	85.7	85.7	85.8	85.8	86.1	86.2
GE 3500	82.8	85.8	86.3	87.1	87.3	87.3	87.7	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.3	88.4
GE 3000	84.4	88.0	88.7	89.6	89.8	89.8	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.8	90.9
GE 2500	85.6	89.2	89.9	90.9	91.1	91.1	91.4	91.6	91.6	91.7	91.7	91.7	91.8	91.8	92.1	92.2
GE 2000	86.1	90.3	91.2	92.2	92.4	92.4	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.4	93.6
GE 1800	86.3	90.6	91.6	92.6	92.8	92.8	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.8	93.9
GE 1500	86.8	91.2	92.2	93.2	93.6	93.6	93.9	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.6	94.7
GE 1200	87.9	92.4	93.6	94.6	94.9	94.9	95.2	95.4	95.4	95.6	95.6	95.6	95.7	95.7	96.0	96.1
GE 1000	88.2	93.4	94.7	95.8	96.1	96.1	96.4	96.7	96.7	96.8	96.8	96.8	96.9	96.9	97.2	97.3
GE 900	88.4	94.0	95.2	96.3	96.7	96.7	97.0	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.8	98.0
GE 800	88.4	94.2	95.4	96.6	96.9	96.9	97.2	97.4	97.4	97.6	97.6	97.6	97.7	97.7	98.0	98.2
GE 700	88.4	94.6	95.8	96.9	97.2	97.2	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.3	98.6
GE 600	88.4	94.7	95.9	97.0	97.3	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.4	98.7
GE 500	88.4	94.8	96.0	97.1	97.4	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.6	98.6
GE 400	88.4	94.8	96.0	97.1	97.4	97.4	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.7	98.9
GE 300	88.4	94.8	96.0	97.1	97.4	97.4	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.7	99.1
GE 200	88.4	94.8	96.0	97.1	97.6	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.8	99.2
GE 100	88.4	94.8	96.0	97.1	97.6	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.8	99.2
GE	CL	88.4	94.8	96.0	97.1	97.6	97.7	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.8	99.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD Fargo ND

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

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	52.4	53.3	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9
GE 20000	59.9	60.8	61.2	61.2	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9
GE 18000	60.1	61.0	61.4	61.4	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
GE 16000	60.1	61.0	61.4	61.4	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
GE 14000	61.0	61.9	62.3	62.3	62.3	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1
GE 12000	62.8	63.9	64.3	64.3	64.3	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1
GE 10000	68.0	69.7	70.1	70.1	70.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
GE 9000	70.1	72.0	72.4	72.4	72.4	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
GE 8000	73.3	75.4	75.9	76.0	76.0	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8
GE 7000	76.1	78.6	79.0	79.1	79.1	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
GE 6000	77.1	79.6	80.0	80.1	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
GE 5000	78.9	81.7	82.3	82.6	82.6	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4
GE 4500	79.8	82.7	83.3	83.6	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4
GE 4000	80.7	83.7	84.3	84.6	84.6	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
GE 3500	81.7	84.9	85.7	85.9	86.0	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9
GE 3000	82.7	85.9	86.7	86.9	87.1	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0
GE 2500	84.3	87.6	88.4	88.7	88.9	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
GE 2000	85.0	89.1	90.0	90.2	90.4	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
GE 1800	85.3	89.6	90.4	90.7	90.9	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0
GE 1600	86.6	90.9	91.9	92.1	92.3	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.4	93.4
GE 1400	87.7	92.1	93.1	93.3	93.6	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.7	94.7
GE 1200	87.9	92.7	93.7	93.9	94.1	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.2
GE 900	88.7	93.6	94.6	94.8	95.0	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2
GE 800	89.0	94.2	95.2	95.4	95.7	96.1	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1
GE 700	89.0	94.3	95.3	95.7	96.1	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6
GE 600	89.2	95.2	96.3	96.7	97.1	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6
GE 500	89.2	95.3	96.4	96.8	97.2	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8
GE 400	89.2	95.3	96.6	97.0	97.4	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0
GE 300	89.2	95.6	96.8	97.2	97.7	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2
GE 200	89.2	95.6	96.6	97.2	97.7	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4
GE 100	89.2	95.6	96.8	97.2	97.7	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4
GE 0	89.2	95.6	96.8	97.2	97.7	98.2	98.9	99.1	99.1	99.2	99.3	99.3	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 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	53.2	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	61.8	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 18000	61.8	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	61.8	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	62.8	63.4	63.4	63.4	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 12000	64.8	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 10000	69.7	69.7	69.7	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
GE 9000	70.4	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 8000	72.8	74.6	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	74.6	77.2	77.2	77.2	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000	75.4	78.3	78.4	78.4	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 5000	76.7	79.9	80.1	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4500	77.2	80.6	80.8	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	78.2	81.6	81.9	81.9	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	79.2	82.9	83.3	83.3	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	80.8	84.6	85.1	85.1	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	82.6	86.4	87.0	87.0	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	84.4	88.7	89.2	89.2	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	85.4	90.2	90.8	90.8	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	88.0	93.0	93.6	93.6	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	90.0	95.1	95.7	95.8	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	90.4	95.9	96.4	96.6	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	91.3	96.6	97.1	97.4	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	91.6	96.9	97.4	97.8	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	91.8	97.3	97.9	98.2	98.6	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	91.8	97.8	98.3	98.7	99.0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	91.8	97.9	98.4	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	91.8	97.9	98.4	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.8	97.9	98.4	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.8	97.9	98.4	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.8	97.9	98.4	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE CL	91.8	97.9	98.4	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN 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 1/8	
NO CEIL	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	
GE 20000	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	
GE 18000	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	
GE 16000	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	
GE 14000	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
GE 12000	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	
GE 10000	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	
GE 9000	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	
GE 8000	66.4	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
GE 7000	68.1	68.8	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	
GE 6000	69.6	70.7	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 5000	73.9	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 4500	76.4	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	
GE 4000	79.0	80.7	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
GE 3500	82.1	84.3	84.4	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
GE 3000	84.7	87.1	87.3	87.6	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	
GE 2500	87.0	90.0	90.2	90.4	90.4	90.4	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
GE 2000	89.8	92.9	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 1800	91.1	94.2	94.8	95.0	95.0	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 1500	92.1	95.2	95.8	96.0	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 1200	93.0	96.3	96.9	97.1	97.1	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 1000	93.6	97.2	97.8	98.2	98.2	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 900	93.8	97.8	98.4	98.9	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 800	93.9	97.9	98.6	99.0	99.1	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 700	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 600	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	SL 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	GE 0	
NO CEIL	51.6	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	55.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	60.2	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	61.4	61.8	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 12000	63.2	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 10000	67.9	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 9000	70.7	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	72.8	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	74.4	75.3	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	75.4	75.4
GE 6000	77.2	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	80.7	82.2	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	82.3
GE 4500	82.4	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	84.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	87.0	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	89.7	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	90.9	93.8	94.1	94.1	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
GE 2000	92.4	95.9	96.3	96.3	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
GE 1800	92.7	96.1	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	92.8	96.3	96.8	96.8	97.1	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 1200	93.4	97.2	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	93.8	97.7	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	93.8	97.7	98.1	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	93.9	97.8	98.2	98.3	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	93.9	97.9	98.3	98.4	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	93.9	98.0	98.4	98.6	99.0	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	93.9	98.0	98.4	98.6	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	93.9	98.0	98.4	98.6	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.9	98.0	98.4	98.6	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.9	98.0	98.4	98.6	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.9	98.0	98.4	98.6	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS (LST): 1800-2000

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	59.4	59.4	59.8	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	68.2	68.3	68.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 18000	68.7	68.8	69.1	69.2	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 16000	68.8	68.9	69.2	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 14000	70.4	70.6	70.9	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	72.1	72.3	72.7	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 10000	77.1	77.7	78.0	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 9000	79.1	79.8	80.1	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 8000	81.1	81.8	82.1	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 7000	84.1	85.2	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 6000	86.0	87.4	87.8	88.0	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 5000	87.9	89.4	89.8	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	89.3	90.9	91.2	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4000	90.7	92.3	92.7	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	91.9	93.9	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	92.6	94.6	94.9	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	93.2	95.2	95.6	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	93.7	95.9	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	93.8	96.1	96.4	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	94.2	96.7	97.0	97.3	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	94.9	97.3	97.8	98.1	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	95.1	97.6	98.0	98.3	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	95.2	97.7	98.1	98.4	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	95.4	98.0	98.4	98.8	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	95.4	98.0	98.4	98.8	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN FOURS(1ST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 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	62.1	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 20000	69.0	69.6	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 18000	69.8	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000	69.8	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 14000	70.6	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	71.7	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 10000	76.6	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 9000	78.9	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 8000	81.1	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	84.2	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 6000	85.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 5000	88.4	89.9	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	89.1	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	90.1	91.6	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500	91.6	92.1	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	91.3	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	92.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	93.0	95.3	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	93.6	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	94.6	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	95.0	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	95.1	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	95.2	97.9	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	95.2	97.9	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	95.3	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	95.4	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	95.4	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	95.4	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	95.4	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	95.4	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	95.4	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 0	95.4	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN 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	54.2	54.8	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5
GE 20000	62.2	62.9	63.2	63.3	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7
GE 18000	62.5	63.2	63.5	63.6	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
GE 16000	62.6	63.3	63.6	63.7	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1
GE 14000	63.4	64.2	64.4	64.6	64.6	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.0
GE 12000	65.2	65.9	66.2	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.8
GE 10000	69.7	70.8	71.0	71.2	71.2	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6
GE 9000	72.0	73.2	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0
GE 8000	74.4	75.7	76.0	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5
GE 7000	76.9	78.5	78.8	79.0	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
GE 6000	78.3	80.2	80.5	80.7	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
GE 5000	81.0	83.1	83.5	83.7	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
GE 4500	82.2	84.5	84.8	85.0	85.1	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5
GE 4000	82.6	85.9	86.3	86.5	86.6	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0
GE 3500	85.2	87.8	88.3	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 3000	86.7	89.6	90.1	90.3	90.4	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
GE 2500	88.1	91.2	91.7	92.0	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5
GE 2000	89.3	92.7	93.4	93.6	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2
GE 1800	89.8	93.3	94.0	94.3	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
GE 1500	90.7	94.4	95.1	95.4	95.5	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0
GE 1200	91.6	95.5	96.2	96.5	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2
GE 1000	92.0	96.1	96.8	97.2	97.4	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
GE 900	92.2	96.5	97.2	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 800	92.3	96.7	97.4	97.8	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8
GE 700	92.4	96.9	97.6	98.0	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	99.0
GE 600	92.4	97.1	97.9	98.4	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4
GE 500	92.4	97.2	98.1	98.5	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 400	92.4	97.3	98.1	98.6	98.8	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7
GE 300	92.4	97.3	98.2	98.6	98.9	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
GE 200	92.4	97.3	98.2	98.6	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.9
GE 100	92.4	97.3	98.2	98.6	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9
GE 0	92.4	97.3	98.2	98.6	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS (LST): 0000-0200

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	66.7	67.5	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2
GE 20000	73.3	74.2	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8
GE 18000	73.4	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9
GE 16000	73.4	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9
GE 14000	75.4	76.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9
GE 12000	77.2	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	
GE 10000	83.0	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
GE 9000	84.4	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0
GE 8000	86.3	87.3	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
GE 7000	88.1	89.4	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
GE 6000	89.0	90.4	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2
GE 5000	89.8	91.4	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
GE 4500	90.0	92.2	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0
GE 4000	90.6	93.1	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1
GE 3500	90.9	93.4	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4
GE 3000	91.5	94.4	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
GE 2500	91.9	95.2	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
GE 2000	92.6	95.8	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
GE 1800	92.6	96.0	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
GE 1500	92.8	96.2	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
GE 1200	93.3	96.8	97.4	97.7	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
GE 1000	93.4	97.0	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 900	93.8	97.4	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 800	93.9	97.7	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 700	93.9	97.8	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 600	94.0	98.1	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 500	94.0	98.2	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 400	94.0	98.4	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	94.0	98.4	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 200	94.0	98.4	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 100	94.0	98.4	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 0	94.0	98.4	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS(LST): 0300-0500

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	61.1	63.2	63.5	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 20000	68.0	70.2	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 18000	68.6	70.9	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 16000	69.6	70.9	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000	69.9	72.2	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	71.8	74.3	74.8	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 10000	78.8	81.6	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 9000	80.4	83.3	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
GE 8000	82.3	85.5	86.2	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
GE 7000	84.2	87.4	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
GE 6000	85.3	88.6	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
GE 5000	86.8	90.2	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
GE 4500	87.1	91.0	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
GE 4000	87.7	91.7	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
GE 3500	87.8	91.8	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5
GE 3000	88.5	92.5	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
GE 2500	89.1	93.1	94.6	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
GE 2000	89.4	93.8	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
GE 1800	89.4	93.9	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
GE 1700	89.9	94.4	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5
GE 1200	90.3	94.8	96.3	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
GE 1000	90.3	94.9	96.5	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
GE 900	90.4	95.1	96.7	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
GE 800	90.4	95.3	96.9	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
GE 700	90.4	95.4	97.0	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
GE 600	90.4	95.5	97.3	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
GE 500	90.4	95.6	97.4	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 400	90.4	95.8	97.7	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.4
GE 300	90.5	96.0	98.0	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 200	90.5	96.2	98.2	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5
GE 100	90.5	96.2	98.2	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
GE 0	90.5	96.2	98.2	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

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

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	56.0	57.8	58.0	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 20000	63.5	66.2	66.3	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	64.3	67.0	67.1	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	64.4	67.1	67.2	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	65.5	68.4	68.5	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	67.4	70.5	70.6	70.6	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 10000	73.3	77.1	77.4	77.5	77.7	78.0	78.0	78.0	78.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	75.1	79.5	79.8	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	77.3	81.9	82.3	82.4	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	78.6	83.4	83.6	83.9	84.1	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 6000	79.6	84.4	84.8	84.9	85.2	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	81.2	86.3	86.8	86.9	87.1	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 4500	82.4	87.5	88.0	88.1	88.3	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4000	83.0	88.3	88.8	88.9	89.1	89.4	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3500	83.4	88.7	89.2	89.4	89.6	89.8	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3000	84.2	89.7	90.2	90.3	90.5	90.8	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	84.6	90.4	91.0	91.1	91.3	91.5	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	85.3	91.3	91.8	91.9	92.3	92.5	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	85.5	91.5	92.0	92.2	92.5	92.7	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1600	86.0	92.2	92.7	92.8	93.1	93.3	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1400	86.6	93.2	93.8	93.9	94.2	94.4	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1200	86.7	93.3	93.9	94.0	94.3	94.5	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	87.1	93.9	94.4	94.5	94.8	95.1	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	87.1	94.3	94.8	94.9	95.4	95.6	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	87.1	94.4	94.9	95.1	95.5	95.7	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	87.2	94.7	95.3	95.4	95.8	96.1	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	87.3	95.1	95.6	95.8	96.5	96.9	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	87.7	95.3	95.9	96.1	96.9	97.3	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	87.3	95.7	96.3	96.6	97.4	97.8	98.3	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	87.3	95.8	96.5	96.7	97.5	98.0	98.5	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	87.3	95.8	96.5	96.7	97.5	98.0	98.5	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	87.3	95.8	96.5	96.7	97.5	98.0	98.5	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	87.3	95.8	96.5	96.7	97.5	98.0	98.5	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS (LST): 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	58.0	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 2000	68.5	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 1800	68.9	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1600	68.9	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1400	70.3	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 1200	72.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 1000	77.2	78.8	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 900	79.7	81.4	81.5	81.5	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 800	82.2	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 700	83.2	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 600	83.5	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 500	84.2	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 450	85.2	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 400	86.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 350	86.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 300	87.3	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 250	87.7	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 200	88.4	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 180	89.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 150	90.5	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 120	91.4	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 100	91.7	96.3	96.7	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 90	91.9	96.8	97.1	97.3	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 80	91.9	96.8	97.1	97.3	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 70	91.9	96.9	97.2	97.6	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 60	91.9	97.3	97.6	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 50	91.9	97.5	97.8	98.6	99.1	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 40	91.9	97.6	98.0	98.7	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 30	91.9	97.7	98.1	98.8	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	91.9	97.7	98.1	98.8	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	91.9	97.7	98.1	98.8	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS(IST): 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
NO CEILING	61.3	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
GE 20000	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 18000	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 16000	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000	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	73.1	73.1	73.1
GE 12000	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 10000	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 9000	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 8000	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 7000	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 6000	84.7	85.7	85.7	85.7	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 5000	86.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4000	88.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4000	88.9	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 3500	90.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2500	93.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	94.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500	95.3	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
GE 1500	95.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	96.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	96.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	96.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	96.9	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
GE 700	96.9	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	99.4
GE 600	96.9	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	99.4
GE 500	96.9	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	99.4
GE 400	96.9	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	99.4
GE 300	96.9	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	99.4
GE 200	96.9	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	99.4
GE 100	96.9	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	99.4
GE	96.9	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	99.4

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL 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 7/16	GE 1/4	GE 1/8
NO CEIL	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 14000	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 12000	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 10000	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 9000	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 8000	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 7000	89.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 6000	89.9	90.9	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
GE 5000	91.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4500	92.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4000	94.1	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500	94.8	96.1	96.2	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
GE 3000	96.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	97.4	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	97.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1600	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1400	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72753C STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1/4	GE 1/2	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7 1/2	GE 10	GE 15
NO CEIL	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 20000	87.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 18000	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 16000	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 14000	82.3	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 12000	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 10000	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 9000	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 8000	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 7000	92.6	93.2	93.2	93.2	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 6000	93.7	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 5000	94.3	95.3	95.4	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
GE 4500	95.1	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4000	95.4	96.3	96.5	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
GE 3500	95.7	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	96.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	97.7	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	97.6	98.9	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 1800	97.7	99.0	99.2	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
GE 1500	98.0	99.2	99.5	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
GE 1200	98.0	99.2	99.5	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
GE 1000	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 2100-2300

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	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 20000	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 18000	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 14000	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 12000	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 10000	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 9000	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 8000	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 7000	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 6000	91.5	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 5000	92.4	93.2	93.2	93.2	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 4500	93.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4000	94.2	95.3	95.4	95.4	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 3500	94.4	95.7	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
GE 3000	95.6	97.0	97.1	97.1	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 2500	96.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	96.6	98.1	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
GE 1800	96.6	98.1	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
GE 1500	96.9	98.4	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
GE 1200	97.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	97.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	97.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	97.5	99.2	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
GE 700	97.5	99.4	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	99.5
GE 600	97.5	99.4	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	99.5
GE 500	97.6	99.5	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	99.6
GE 400	97.6	99.5	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	99.6
GE 300	97.6	99.5	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	99.6
GE 200	97.6	99.5	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	99.6
GE 100	97.6	99.5	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	99.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUL 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	63.6	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	72.5	73.5	73.6	73.7	73.7	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	72.9	73.9	74.1	74.1	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 16000	73.0	74.0	74.1	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 14000	74.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 12000	76.1	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 10000	81.3	82.7	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 9000	83.2	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 8000	85.0	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 7000	86.3	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 6000	87.2	89.0	89.3	89.3	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 5000	88.3	90.3	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4500	89.2	91.4	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4000	90.0	92.3	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3500	90.5	92.9	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3000	91.5	94.0	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	92.2	94.8	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	92.8	95.6	96.0	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	93.1	96.0	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	93.5	96.4	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	93.9	97.0	97.4	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	94.0	97.3	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	94.2	97.5	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	94.2	97.7	98.1	98.3	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	94.2	97.8	98.2	98.4	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	94.2	97.9	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	94.3	98.0	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 400	94.3	98.1	98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	94.7	98.2	98.7	99.0	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	94.7	98.2	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	94.7	98.2	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	94.7	98.2	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 72753D STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: AUG HOURS(1ST): 0000-0200

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	64.8	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0
GE 2000	69.8	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2
GE 1800	69.9	71.8	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
GE 1600	69.9	71.8	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
GE 1400	70.9	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
GE 1200	72.2	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
GE 1000	75.2	77.4	77.7	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5
GE 900	77.7	80.0	80.3	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
GE 800	79.7	81.9	82.3	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
GE 700	81.4	83.7	84.0	84.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
GE 600	82.4	84.6	85.1	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
GE 500	85.1	87.3	87.6	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
GE 450	85.6	87.8	88.5	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4
GE 400	86.6	88.8	89.6	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5
GE 350	87.2	89.6	90.3	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
GE 300	88.5	91.3	92.0	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1
GE 250	89.2	92.4	93.3	93.9	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
GE 200	90.3	93.8	94.7	95.4	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
GE 180	90.6	94.1	95.1	95.7	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
GE 150	91.0	94.6	95.6	96.2	96.6	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
GE 120	91.2	94.9	95.9	96.6	96.9	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
GE 100	91.6	95.7	96.7	97.3	97.6	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 90	91.9	95.8	96.8	97.4	97.7	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 80	92.0	96.2	97.2	97.8	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 70	92.0	96.2	97.2	97.8	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 60	92.0	96.3	97.4	98.1	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 50	92.0	96.3	97.4	98.1	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 40	92.0	96.3	97.5	98.2	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
GE 30	92.0	96.5	97.6	98.5	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
GE 20	92.0	96.5	97.8	98.5	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
GE 10	92.0	96.5	97.8	98.5	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.8
GE 0	92.0	96.5	97.8	98.5	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GF 5	GE 4	GF 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 7/16	GE 1/4	GE 0
NO CEIL	55.7	59.0	59.6	60.0	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.5	60.6
GE 20000	60.2	64.1	64.7	65.3	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.8	65.8	65.9	66.1
GE 18000	60.6	64.5	65.3	65.8	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.3	66.3	66.7
GE 16000	60.6	64.5	65.3	65.8	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.3	66.3	66.7
GE 14000	61.4	65.3	66.0	66.7	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.3	67.5
GE 12000	62.8	66.7	67.5	68.2	68.4	68.4	68.4	68.4	68.4	68.5	68.7	68.7	68.8	68.8	68.9	69.1
GE 10000	67.3	71.4	72.4	73.0	73.2	73.2	73.2	73.2	73.2	73.5	73.8	73.8	73.8	73.9	74.0	74.2
GE 9000	69.2	73.4	74.4	75.1	75.3	75.3	75.3	75.3	75.3	75.6	75.8	75.8	75.8	75.9	76.0	76.2
GE 8000	71.6	75.8	76.8	77.4	77.6	77.6	77.6	77.6	77.6	78.0	78.2	78.2	78.2	78.3	78.4	78.6
GE 7000	74.3	78.6	79.6	80.2	80.4	80.4	80.4	80.4	80.5	80.9	81.2	81.2	81.2	81.3	81.4	81.6
GE 6000	76.1	80.4	81.4	82.0	82.3	82.3	82.4	82.4	82.7	83.0	83.0	83.0	83.1	83.1	83.2	83.4
GE 5000	78.4	82.9	84.0	84.6	84.8	84.8	84.9	84.9	84.9	85.3	85.6	85.6	85.6	85.7	85.8	86.0
GE 4500	79.4	84.3	85.4	86.0	86.3	86.3	86.5	86.5	86.5	86.8	87.1	87.1	87.1	87.2	87.3	87.5
GE 4000	79.9	84.8	85.9	86.6	86.9	86.9	87.0	87.0	87.0	87.3	87.6	87.6	87.6	87.7	87.8	88.1
GE 3500	80.5	85.7	86.8	87.4	87.7	87.7	87.8	87.8	87.8	88.2	88.5	88.5	88.6	88.6	88.7	88.9
GE 3000	81.8	87.1	88.2	88.9	89.5	89.5	89.6	89.6	89.9	90.2	90.2	90.2	90.3	90.3	90.4	90.6
GE 2500	82.3	87.6	88.7	89.5	90.0	90.0	90.1	90.1	90.4	90.8	90.8	90.8	90.9	90.9	91.0	91.2
GE 2000	82.9	88.4	89.5	90.3	90.9	90.9	91.0	91.0	91.3	91.7	91.7	91.7	91.8	91.8	91.9	92.2
GE 1800	83.1	88.6	89.7	90.5	91.1	91.1	91.2	91.2	91.5	91.9	91.9	91.9	92.0	92.0	92.2	92.4
GE 1600	83.4	89.0	90.1	91.0	91.5	91.6	91.7	91.7	92.0	92.5	92.5	92.5	92.6	92.6	92.7	92.9
GE 1500	84.4	90.0	91.1	91.9	92.6	92.7	92.8	92.8	93.1	93.5	93.5	93.5	93.7	93.7	93.8	94.0
GE 1400	84.6	90.6	91.8	92.7	93.3	93.4	93.5	93.5	93.9	94.3	94.3	94.3	94.4	94.4	94.5	94.7
GE 1300	84.8	91.0	92.2	93.0	93.7	93.8	93.9	93.9	94.2	94.6	94.6	94.6	94.7	94.7	94.8	95.1
GE 1200	85.6	92.0	93.3	94.2	94.8	94.9	95.1	95.1	95.4	95.8	95.8	95.8	95.9	95.9	96.0	96.2
GE 1100	85.7	92.3	93.5	94.4	95.2	95.3	95.4	95.4	95.7	96.1	96.1	96.1	96.2	96.2	96.3	96.6
GE 1000	86.2	92.9	94.2	95.4	96.1	96.2	96.5	96.5	96.8	97.2	97.2	97.2	97.3	97.3	97.4	97.6
GE 900	86.3	93.1	94.5	95.7	96.6	96.7	96.9	96.9	97.2	97.6	97.6	97.6	97.7	97.7	98.0	98.2
GE 800	86.6	93.4	94.8	96.0	96.9	97.0	97.2	97.2	97.5	98.0	98.0	98.0	98.1	98.1	98.3	98.5
GE 700	86.6	93.5	95.1	96.3	97.3	97.4	97.7	97.7	97.8	98.3	98.7	98.7	98.8	98.8	99.0	99.2
GE 600	86.6	93.5	95.1	96.5	97.4	97.5	97.8	98.2	98.6	99.0	99.0	99.0	99.1	99.1	99.4	99.7
GE 500	86.6	93.5	95.1	96.5	97.4	97.5	97.8	98.2	98.6	99.0	99.0	99.0	99.1	99.1	99.4	99.9
GE 400	86.6	93.5	95.1	96.5	97.4	97.5	97.8	98.2	98.6	99.0	99.0	99.0	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	GE 0	
NO CEIL	49.4	54.2	54.7	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.7	55.7	55.9	55.9	56.0	56.6
GE 2000	54.2	59.7	60.2	60.6	60.9	60.9	60.9	60.9	60.9	61.0	61.2	61.2	61.4	61.4	61.5	62.0
GE 1800	54.3	59.8	60.3	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.5	61.5	61.6	62.2
GE 1600	54.3	59.8	60.3	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.5	61.5	61.6	62.2
GE 1400	55.2	60.9	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.4	62.4	62.6	62.6	62.7	63.2
GE 1200	56.3	62.4	62.9	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.9	64.1	64.3	64.3	64.4	64.9
GE 1000	62.5	69.5	70.0	70.5	70.8	70.8	70.8	70.8	70.9	70.9	71.2	71.4	71.6	71.6	71.7	72.3
GE 900	63.0	71.0	71.5	72.2	72.4	72.4	72.5	72.5	72.6	72.6	73.0	73.2	73.4	73.4	73.5	74.1
GE 800	66.6	73.8	74.3	74.9	75.2	75.2	75.3	75.3	75.4	75.4	75.8	76.0	76.2	76.2	76.3	76.9
GE 700	69.6	76.1	76.7	77.3	77.5	77.5	77.6	77.6	77.7	77.7	78.2	78.4	78.6	78.6	78.7	79.2
GE 600	70.3	78.0	78.5	79.1	79.4	79.4	79.5	79.5	79.6	79.6	80.0	80.2	80.4	80.4	80.5	81.1
GE 500	72.3	80.2	80.8	81.4	81.6	81.6	81.7	81.7	81.8	81.8	82.3	82.5	82.7	82.7	82.8	83.3
GE 400	73.3	81.4	81.9	82.6	82.8	82.8	82.9	82.9	83.0	83.0	83.4	83.7	83.9	83.9	84.0	84.5
GE 300	73.7	81.7	82.3	82.9	83.1	83.1	83.2	83.2	83.3	83.3	83.8	84.0	84.2	84.2	84.3	84.8
GE 200	74.5	82.6	83.2	83.9	84.1	84.1	84.2	84.2	84.3	84.3	84.7	84.9	85.2	85.2	85.3	85.8
GE 100	76.1	84.4	85.2	85.9	86.1	86.1	86.2	86.2	86.3	86.3	86.8	87.0	87.2	87.2	87.3	87.8
GE 2000	76.7	85.1	85.8	86.6	86.8	86.8	86.9	86.9	87.0	87.0	87.4	87.6	87.8	87.8	88.0	88.5
GE 1800	77.2	85.8	86.6	87.3	87.6	87.7	87.8	87.8	88.1	88.1	88.5	88.7	88.9	88.9	89.0	89.6
GE 1600	77.3	85.9	86.7	87.4	87.7	87.8	88.0	88.0	88.2	88.2	88.6	88.8	89.0	89.0	89.1	89.7
GE 1400	77.7	86.3	87.1	88.0	88.3	88.4	88.6	88.6	88.8	88.8	89.2	89.5	89.7	89.7	89.8	90.3
GE 1200	78.5	87.2	88.2	89.0	89.5	89.6	89.8	89.8	90.1	90.1	90.5	90.8	91.0	91.0	91.1	91.6
GE 1000	79.9	87.5	88.5	89.4	90.0	90.1	90.4	90.5	90.8	90.8	91.2	91.4	91.6	91.6	91.7	92.3
GE 900	79.4	88.2	89.1	90.0	90.8	90.9	91.2	91.3	91.5	91.5	91.9	92.2	92.4	92.4	92.5	93.0
GE 800	79.8	88.6	89.7	90.5	91.3	91.4	91.7	91.8	92.0	92.0	92.5	92.7	92.9	92.9	93.0	93.5
GE 700	79.9	88.9	90.0	91.0	91.8	92.2	92.6	92.7	92.9	92.9	93.3	93.5	93.8	93.8	93.9	94.4
GE 600	79.9	89.0	90.1	91.2	92.0	92.4	93.0	93.1	93.4	93.4	93.9	94.1	94.3	94.3	94.4	94.9
GE 500	80.1	89.7	90.8	91.9	93.1	93.7	94.4	94.6	94.9	94.9	95.5	95.7	95.9	95.9	96.0	96.6
GE 400	80.1	89.8	91.0	92.4	93.9	94.5	95.4	95.6	95.9	96.0	96.6	96.8	97.0	97.0	97.1	97.6
GE 300	80.4	90.2	91.4	92.8	94.5	95.3	96.2	96.5	96.8	96.9	97.4	97.6	97.8	97.8	98.0	98.5
GE 200	80.4	90.2	91.4	92.8	94.6	95.4	96.3	96.6	96.9	97.0	97.5	97.7	98.0	98.2	98.3	98.9
GE 100	80.4	90.2	91.4	92.8	94.6	95.4	96.3	96.6	96.9	97.0	97.5	97.7	98.1	98.3	98.6	99.8
GE 0	80.4	90.2	91.4	92.8	94.6	95.4	96.3	96.6	96.9	97.0	97.5	97.7	98.1	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-84

MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	10
NO CEIL	57.4	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 2000	63.7	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1800	64.0	66.8	67.0	67.0	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 1600	64.0	66.8	67.0	67.0	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 1400	64.9	67.7	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 1200	66.5	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 1000	72.3	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 900	73.3	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 800	74.8	78.8	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
GE 700	76.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 600	77.0	81.0	81.5	81.5	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 500	78.2	82.3	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 450	78.8	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 400	79.9	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 350	80.2	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 300	82.0	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 250	87.0	87.5	88.1	88.1	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 200	84.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 150	84.5	89.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 100	85.5	90.6	91.3	91.3	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 50	86.8	92.3	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	92.9
GE 1000	87.6	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 900	88.0	93.9	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	94.7
GE 800	88.2	94.4	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	88.4	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	88.4	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	88.4	95.6	96.9	97.0	97.4	98.0	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	88.4	95.6	97.0	97.1	97.5	98.1	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	88.4	95.6	97.0	97.2	97.6	98.2	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	88.4	95.6	97.0	97.2	97.6	98.2	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	88.4	95.6	97.0	97.2	97.6	98.2	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	88.4	95.6	97.0	97.2	97.6	98.2	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
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	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	53.5	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 20000	61.6	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 18000	61.8	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	61.9	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	62.7	64.4	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	64.5	64.5
GE 12000	64.1	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	69.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000	71.4	73.8	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	74.0	74.0
GE 8000	72.0	75.4	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	75.6
GE 7000	74.2	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 6000	76.0	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 5000	77.8	80.4	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4000	80.4	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	81.5	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	82.5	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1000	85.8	89.0	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	87.8	91.6	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	89.1	93.9	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	89.7	94.5	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1600	90.5	95.5	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	91.2	96.2	96.8	96.9	97.1	97.1	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	91.4	96.6	97.1	97.2	97.4	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	92.0	97.2	97.7	97.8	98.1	98.1	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	92.0	97.3	97.8	98.0	98.2	98.2	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	92.0	97.5	98.1	98.2	98.4	98.4	98.8	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	92.0	97.6	98.3	98.5	98.7	98.7	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	92.0	97.6	98.3	98.5	98.7	98.8	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.0	97.6	98.3	98.5	98.7	98.8	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.0	97.6	98.3	98.5	98.7	98.8	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.0	97.6	98.3	98.5	98.7	98.8	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.0	97.6	98.3	98.5	98.7	98.8	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	92.0	97.6	98.3	98.5	98.7	98.8	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72753G STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-84
MONTH: AUG 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 1/16	GE 1/4	GE 0
NO CEIL	55.7	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	63.0	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 18000	63.1	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	63.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	64.2	65.4	65.7	65.7	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 12000	66.6	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	72.5	73.8	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 9000	75.8	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	78.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 7000	79.6	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 6000	81.2	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 5000	84.8	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4500	86.7	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4000	88.0	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3500	88.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3000	90.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2500	92.5	94.6	94.9	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000	93.9	96.3	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	94.3	97.0	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	94.8	97.7	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	95.2	98.1	98.5	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	95.3	98.2	98.6	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	95.5	98.4	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	95.5	98.4	98.8	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS (LST): 1800-2000

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 C
NO CEIL	61.1	61.3	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 2000	70.6	71.2	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 1800	70.9	71.4	71.9	71.9	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 1600	71.0	71.5	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1400	72.0	72.7	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 1200	73.8	74.5	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 1000	79.0	80.0	80.5	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 900	81.7	82.7	83.2	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 800	83.7	84.7	85.3	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 700	85.5	86.6	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 600	86.6	87.6	88.2	88.2	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 500	89.0	90.3	90.9	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 450	89.5	91.0	91.5	91.7	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 400	90.4	92.0	92.6	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 350	91.6	93.2	93.8	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 300	92.7	94.6	95.4	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 250	93.5	95.5	96.2	96.5	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 200	94.0	95.9	96.7	96.9	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 180	94.1	96.0	96.8	97.0	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 150	94.6	96.6	97.3	97.5	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 120	95.4	97.3	98.1	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	95.8	97.8	98.6	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 90	95.8	97.8	98.6	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 80	95.9	98.0	98.7	98.9	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 70	95.9	98.0	98.7	98.9	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 60	96.0	98.1	98.8	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 50	96.0	98.2	98.9	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	96.0	98.2	98.9	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	96.0	98.2	98.9	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	96.0	98.2	98.9	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	96.0	98.2	98.9	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86

MONTH: AUG HOURS(LST): 2100-2300

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	67.7	68.3	68.3	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 20000	73.7	74.2	74.3	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 18000	73.8	74.3	74.4	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 16000	73.8	74.3	74.4	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 14000	74.4	74.9	75.1	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 12000	75.4	76.1	76.3	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	79.2	80.0	80.3	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 9000	81.1	81.8	82.2	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	82.6	83.5	83.9	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	82.7	84.6	84.9	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 6000	84.8	86.2	86.6	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 5000	87.3	88.8	89.2	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4000	88.0	89.7	90.3	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3000	89.5	91.3	91.9	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	90.9	92.7	93.3	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	91.7	94.1	94.7	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	92.5	95.1	95.7	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	92.5	95.3	96.0	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	94.0	97.0	97.6	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	94.1	97.1	97.7	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	94.2	97.2	97.8	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	94.5	97.7	98.4	98.9	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	94.6	97.8	98.5	99.0	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	94.8	98.0	98.7	99.2	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	94.8	98.1	98.7	99.2	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLU FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: SEP HOURS(LST): 0000-0200

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 7/16	GE 1/4	GE J
NO CEIL	59.1	59.6	60.0	60.1	60.4	60.4	60.4	60.7	60.7	60.7	60.9	60.9	61.0	61.0	61.1	61.1
GE 20000	61.3	62.8	63.2	63.3	63.7	63.7	63.7	63.9	63.9	63.9	64.1	64.1	64.2	64.2	64.3	64.3
GE 18000	61.4	62.9	63.3	63.4	63.8	63.8	63.8	64.0	64.0	64.0	64.2	64.2	64.3	64.3	64.4	64.4
GE 16000	61.4	62.9	63.3	63.4	63.8	63.8	63.8	64.0	64.0	64.0	64.2	64.2	64.3	64.3	64.4	64.4
GE 14000	62.1	63.6	64.0	64.1	64.4	64.4	64.4	64.7	64.7	64.7	64.9	64.9	65.0	65.0	65.1	65.1
GE 12000	63.0	64.4	64.9	65.0	65.3	65.3	65.3	65.6	65.6	65.6	65.8	65.8	65.9	65.9	66.0	66.0
GE 10000	66.9	68.3	68.8	68.9	69.2	69.2	69.2	69.4	69.4	69.4	69.7	69.7	69.8	69.8	69.9	69.9
GE 9000	67.9	69.3	69.8	69.9	70.2	70.2	70.2	70.4	70.4	70.4	70.7	70.7	70.8	70.8	70.9	70.9
GE 8000	69.3	70.8	71.2	71.3	71.7	71.7	71.7	71.9	71.9	71.9	72.1	72.1	72.2	72.2	72.3	72.3
GE 7000	71.4	73.2	73.7	73.8	74.1	74.1	74.1	74.3	74.3	74.3	74.6	74.6	74.7	74.7	74.8	74.8
GE 6000	72.6	74.3	74.9	75.0	75.3	75.3	75.3	75.6	75.6	75.6	75.8	75.8	75.9	75.9	76.0	76.0
GE 5000	75.7	77.7	78.2	78.3	78.7	78.7	78.7	78.9	78.9	78.9	79.1	79.1	79.2	79.2	79.3	79.3
GE 4000	77.1	79.1	79.7	79.8	80.1	80.1	80.1	80.3	80.3	80.3	80.6	80.6	80.7	80.7	80.9	80.9
GE 3000	78.1	80.2	80.8	80.9	81.2	81.2	81.2	81.4	81.4	81.4	81.7	81.7	81.8	81.8	82.0	82.0
GE 2000	79.7	81.9	82.6	82.7	83.0	83.0	83.0	83.2	83.2	83.2	83.4	83.4	83.6	83.6	83.8	83.8
GE 1000	82.2	84.6	85.4	85.7	86.0	86.0	86.0	86.2	86.2	86.2	86.4	86.4	86.6	86.6	86.8	86.8
GE 2500	83.9	86.9	87.7	87.9	88.2	88.2	88.2	88.4	88.4	88.4	88.7	88.7	88.8	88.8	89.0	89.0
GE 2000	85.9	89.0	89.9	90.2	90.6	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.1	91.1	91.3	91.3
GE 1800	86.8	90.1	91.0	91.3	91.7	91.7	91.7	91.9	91.9	91.9	92.1	92.1	92.2	92.2	92.4	92.4
GE 1600	87.2	90.7	91.7	92.0	92.3	92.3	92.3	92.6	92.6	92.6	92.8	92.8	92.9	92.9	93.1	93.1
GE 1400	88.2	92.2	93.3	93.6	94.1	94.1	94.1	94.3	94.3	94.3	94.6	94.6	94.7	94.7	94.9	94.9
GE 1000	89.6	94.0	95.2	95.7	96.0	96.0	96.0	96.2	96.2	96.2	96.4	96.4	96.6	96.6	96.8	96.8
GE 900	89.9	94.4	95.7	96.1	96.4	96.4	96.4	96.7	96.7	96.7	96.9	96.9	97.0	97.0	97.2	97.2
GE 800	90.1	94.9	96.1	96.6	96.9	96.9	96.9	97.1	97.1	97.1	97.3	97.3	97.4	97.4	97.7	97.7
GE 700	90.2	95.1	96.3	96.8	97.2	97.2	97.2	97.4	97.4	97.4	97.7	97.7	97.8	97.8	98.0	98.0
GE 600	90.3	95.2	96.6	97.0	97.4	97.4	97.4	97.7	97.7	97.7	97.9	97.9	98.1	98.1	98.4	98.4
GE 500	90.3	95.7	97.0	97.4	97.9	97.9	98.2	98.4	98.4	98.4	98.7	98.7	98.8	98.8	99.0	99.0
GE 400	90.3	95.8	97.1	97.6	98.2	98.2	98.7	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.4	99.4
GE 300	90.3	95.8	97.1	97.6	98.2	98.2	98.7	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.4	99.4
GE 200	90.3	95.9	97.4	98.1	98.6	98.6	99.0	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.9	99.9
GE 100	90.3	95.9	97.4	98.1	98.6	98.6	99.0	99.3	99.3	99.3	99.6	99.6	99.7	99.7	100.0	100.0
GE 0	90.3	95.9	97.4	98.1	98.6	98.6	99.0	99.3	99.3	99.3	99.6	99.6	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 72753G STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: SEP HOURS(LST): 0300-0500

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	56.8	58.4	58.9	59.0	59.2	59.2	59.4	59.6	59.6	60.0	60.2	60.2	60.3	60.4	60.4	60.4
GE 20000	59.1	60.8	61.2	61.3	61.6	61.6	61.8	61.9	61.9	62.3	62.6	62.6	62.7	62.8	62.9	62.9
GE 18000	59.2	60.9	61.3	61.4	61.7	61.7	61.9	62.0	62.0	62.4	62.7	62.7	62.8	62.9	62.9	62.9
GE 16000	59.8	61.4	61.9	62.0	62.2	62.2	62.4	62.6	62.6	63.0	63.2	63.2	63.3	63.4	63.4	63.4
GE 14000	59.8	62.6	63.0	63.1	63.3	63.3	63.6	63.7	63.7	64.1	64.3	64.3	64.6	64.7	64.7	64.7
GE 12000	60.9	62.6	63.0	63.1	63.3	63.3	63.6	63.7	63.7	64.1	64.3	64.3	64.6	64.7	64.7	64.7
GE 10000	64.2	66.0	66.4	66.6	66.9	66.8	67.0	67.1	67.1	67.6	67.8	67.8	68.0	68.1	68.1	68.1
GE 9000	66.0	67.8	68.2	68.3	68.6	68.6	68.8	68.9	68.9	69.3	69.6	69.6	69.8	69.9	69.9	69.9
GE 8000	67.2	69.0	69.4	69.6	69.8	69.8	70.0	70.1	70.1	70.6	70.8	70.8	71.0	71.1	71.1	71.1
GE 7000	69.8	71.7	72.1	72.2	72.4	72.4	72.7	72.8	72.8	73.2	73.4	73.4	73.7	73.8	73.8	73.8
GE 6000	71.2	73.1	73.6	73.7	73.9	73.9	74.1	74.2	74.2	74.7	74.9	74.9	75.1	75.2	75.2	75.2
GE 5000	73.4	75.4	75.9	76.0	76.2	76.2	76.4	76.6	76.6	77.0	77.2	77.2	77.4	77.6	77.6	77.6
GE 4500	75.2	77.2	77.7	77.9	78.1	78.1	78.3	78.4	78.4	78.9	79.1	79.1	79.3	79.4	79.4	79.4
GE 4000	75.7	77.8	78.2	78.4	78.7	78.7	78.9	79.0	79.0	79.4	79.7	79.7	79.9	80.0	80.0	80.0
GE 3500	75.9	78.0	78.4	78.7	78.9	78.9	79.1	79.2	79.2	79.7	79.9	79.9	80.1	80.2	80.2	80.2
GE 3000	77.8	80.3	80.8	81.1	81.3	81.3	81.6	81.7	81.7	82.1	82.3	82.3	82.6	82.7	82.7	82.7
GE 2500	80.0	82.7	83.1	83.4	83.7	83.7	83.9	84.0	84.0	84.4	84.7	84.7	84.9	85.0	85.0	85.0
GE 2000	82.3	85.3	85.8	86.1	86.4	86.4	86.7	86.8	86.8	87.2	87.4	87.4	87.7	87.8	87.8	87.8
GE 1800	83.7	86.8	87.2	87.6	87.9	87.9	88.1	88.2	88.2	88.7	88.9	88.9	89.1	89.2	89.2	89.2
GE 1500	84.1	87.3	87.8	88.1	88.4	88.4	88.7	88.8	88.8	89.2	89.4	89.4	89.7	89.8	89.8	89.8
GE 1000	85.7	89.0	89.9	90.3	90.7	90.7	90.9	91.0	91.0	91.4	91.7	91.7	91.9	92.0	92.0	92.0
GE 1000	86.9	90.4	91.4	91.9	92.2	92.2	92.7	92.8	92.8	93.2	93.4	93.4	93.7	93.8	93.8	93.8
GE 900	87.0	90.6	91.6	92.0	92.4	92.4	92.9	93.0	93.0	93.4	93.7	93.7	93.9	94.0	94.0	94.0
GE 800	87.3	91.1	92.1	92.6	93.0	93.0	93.4	93.6	93.6	94.0	94.2	94.2	94.4	94.6	94.6	94.6
GE 700	87.7	91.6	92.7	93.1	93.6	93.6	94.0	94.1	94.1	94.6	94.8	94.8	95.0	95.1	95.1	95.1
GE 600	88.3	93.1	94.2	94.7	95.1	95.1	95.6	95.7	95.7	96.1	96.3	96.3	96.6	96.7	96.7	96.7
GE 500	88.6	93.6	95.1	95.7	96.1	96.2	96.9	97.0	97.0	97.4	97.7	97.7	97.9	98.0	98.0	98.0
GE 400	88.6	93.9	95.4	96.2	96.8	97.0	97.9	98.0	98.0	98.4	98.7	98.7	98.9	99.0	99.0	99.0
GE 300	88.6	94.0	95.7	96.6	97.2	97.4	98.3	98.6	98.6	99.0	99.2	99.2	99.4	99.6	99.6	99.6
GE 200	88.6	94.0	95.8	96.6	97.4	97.7	98.6	98.6	98.6	99.2	99.4	99.4	99.7	99.8	99.9	99.9
GE 100	88.6	94.0	95.8	96.6	97.4	97.7	98.6	98.6	98.6	99.2	99.4	99.4	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727532 STATION NAME: HECTOR FLD FARGO ND

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

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	48.1	50.6	51.1	51.2	51.2	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.8	52.0	52.0
GE 20000	52.1	54.8	55.3	55.4	55.4	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.3	56.3
GE 18000	52.1	54.6	55.3	55.6	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.2	56.4	56.4
GE 16000	52.1	54.8	55.3	55.6	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.2	56.4	56.4
GE 14000	52.4	55.2	55.8	56.0	56.0	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.7	56.9	56.9
GE 12000	54.1	57.0	57.6	57.6	57.8	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.4	58.7	58.7
GE 10000	57.1	60.1	60.7	60.9	61.0	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8	62.0	62.0
GE 9000	59.3	61.4	62.0	62.2	62.3	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1	63.3	63.3
GE 8000	61.6	64.8	65.3	65.6	65.7	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.7	66.7
GE 7000	64.2	67.4	68.0	68.2	68.3	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.1	69.3	69.3
GE 6000	65.2	68.4	69.0	69.2	69.3	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.3	70.3
GE 5000	68.1	71.4	72.0	72.2	72.3	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.3	73.3
GE 4500	69.2	73.0	73.6	74.0	74.1	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.0	75.2	75.2
GE 4000	70.9	74.8	75.6	75.9	75.9	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8	77.0	77.0
GE 3500	71.6	75.6	76.3	76.6	76.7	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.8	77.8
GE 3000	72.4	76.7	77.4	77.7	77.8	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.7	78.9	78.9
GE 2400	74.3	79.0	80.2	80.4	80.6	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4	81.7	81.7
GE 2000	76.0	81.1	82.3	82.6	82.7	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.6	83.8	83.8
GE 1800	77.2	82.4	83.8	84.0	84.1	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.3	85.3
GE 1500	78.4	84.0	85.3	85.6	85.7	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.7	86.9	86.9
GE 1200	79.8	85.7	87.0	87.2	87.3	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.6	88.6
GE 1000	80.7	87.0	88.4	88.7	88.8	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9	90.1	90.1
GE 900	81.2	88.1	89.7	90.0	90.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.4	91.4
GE 800	81.7	88.6	90.2	90.7	90.8	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	92.1	92.1
GE 700	82.4	89.6	91.2	91.7	92.0	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.3	93.3
GE 600	83.1	90.9	92.7	93.6	93.9	94.1	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.3	95.3
GE 500	83.2	91.7	93.7	94.6	94.9	95.1	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.3	96.3
GE 400	83.4	92.2	94.4	95.3	95.6	96.0	96.5	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.7	97.9	97.9
GE 300	83.6	92.6	94.6	95.7	96.6	96.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.7	98.8
GE 200	83.6	92.6	94.6	95.7	96.7	97.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.8	99.1	99.2
GE 100	83.6	92.6	94.6	95.7	96.7	97.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.9	99.4	99.6
GE 0	83.6	92.6	94.6	95.7	96.7	97.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF LEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72753J STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(1ST): 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 1/8
NO CEIL	47.4	47.8	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	51.6	52.0	52.3	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
GE 18000	51.8	52.2	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 16000	51.9	52.3	52.7	52.9	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 14000	52.2	52.7	53.0	53.2	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 12000	53.1	53.6	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 10000	56.1	56.8	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 9000	58.1	59.0	59.3	59.6	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 8000	61.8	62.9	63.2	63.4	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	64.0	65.6	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 6000	64.2	65.8	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 5000	65.9	67.8	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	66.9	68.8	69.1	69.3	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 4000	68.2	70.2	70.6	70.8	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	69.3	71.3	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3000	70.7	72.7	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 2500	75.1	77.4	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2000	78.0	80.7	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	79.0	81.7	82.1	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1500	80.6	83.6	84.6	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200	83.3	86.9	87.9	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	85.6	89.1	90.1	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	86.3	90.9	91.9	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	86.7	91.7	92.6	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	86.8	92.4	93.7	94.4	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 600	87.3	93.4	95.0	95.9	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	87.4	94.3	95.9	96.9	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	87.4	94.4	96.0	97.0	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	87.6	94.6	96.4	97.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	87.6	94.8	96.4	97.4	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	87.6	94.8	96.4	97.4	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	87.6	94.8	96.4	97.4	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP 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 7/16	GE 1/4	GE 0
NO CEIL	46.4	46.9	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 20000	50.4	50.9	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	50.4	50.9	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 16000	50.4	50.9	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 14000	50.6	51.0	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 12000	52.1	52.6	53.0	53.1	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 10000	54.4	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 9000	54.8	55.4	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 8000	56.6	57.2	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 7000	59.7	61.0	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 6000	60.3	61.9	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 5000	62.7	64.7	65.4	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 4000	65.0	67.3	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4000	67.2	69.7	70.4	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 3000	71.3	73.0	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	73.3	76.0	76.8	77.0	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 2500	79.0	81.7	82.6	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	81.7	84.4	85.2	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1800	83.3	86.2	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1600	85.6	88.4	89.3	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200	89.0	91.4	92.3	92.7	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	89.4	93.3	94.2	94.6	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	89.9	94.3	95.2	95.6	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	90.7	94.6	95.7	96.1	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 400	90.6	95.6	96.4	97.0	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	95.7	95.9	96.8	97.3	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	90.7	96.0	96.9	97.4	98.1	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	90.7	96.1	97.1	97.6	98.3	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	90.7	96.2	97.1	97.8	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.7	96.2	97.1	97.8	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.7	96.2	97.1	97.8	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	90.7	96.2	97.1	97.8	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector Fld Fargo ND

PERIOD OF RECORD: 77-86
 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 0
NO CEIL	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	55.7	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 18000	55.9	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 16000	55.9	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 14000	56.2	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	57.0	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	59.9	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 9000	61.2	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	62.4	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	65.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 6000	67.2	68.8	68.8	68.8	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 5000	70.2	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	72.4	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4000	74.3	76.3	76.6	76.7	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 3500	77.4	79.7	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	81.7	84.0	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	84.2	86.6	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	87.3	89.9	90.1	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	88.0	90.6	90.9	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	90.1	92.7	93.0	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	90.9	93.4	93.8	94.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	91.6	94.4	94.8	95.0	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	91.9	95.0	95.3	95.6	96.2	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	92.6	96.1	96.4	96.7	97.3	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	92.7	96.4	96.8	97.1	97.9	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	92.8	96.7	97.1	97.4	98.3	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	92.8	96.7	97.1	97.7	98.7	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	92.8	96.7	97.2	97.8	98.8	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	92.8	96.7	97.2	97.8	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.8	96.7	97.2	97.8	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.8	96.7	97.2	97.8	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	92.8	96.7	97.2	97.8	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 37-44
MONTH: SEP HOURS/DATE: 1400-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1/2	1/4	1/8	1/8	1/4	1/2	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
NO CEIL	56.0	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 2300	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 1800	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 1600	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 1400	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 1200	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 1000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 900	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	67.1	67.1	67.1
GE 800	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 700	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	70.9	70.9	70.9
GE 600	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 500	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	75.4	75.4	75.4	75.4
GE 450	77.1	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 400	79.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 350	81.8	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 300	84.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 250	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 200	89.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 180	89.8	91.3	91.3	91.3	91.3	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 150	90.2	92.8	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 100	90.9	94.0	94.4	94.7	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 100	91.1	94.6	95.1	95.4	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 90	91.2	95.1	95.8	96.2	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 80	91.3	95.3	96.0	96.4	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 70	91.3	95.4	96.1	96.6	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 60	91.7	96.0	96.6	97.0	97.8	97.8	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 50	91.7	96.1	97.0	97.4	98.0	98.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 40	91.7	96.4	97.6	98.0	98.6	98.6	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 30	91.7	96.4	97.7	98.1	98.7	98.7	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	91.7	96.4	97.7	98.1	98.7	98.7	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	91.7	96.4	97.7	98.1	98.7	98.7	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS (EST): 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1/2	1/4	1/8	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3
NO CEIL	67.7	61.3	61.3	61.4	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 20000	62.8	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	62.9	63.9	63.9	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	64.1
GE 16000	62.9	63.9	63.9	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	64.1
GE 14000	63.9	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	64.6	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 10000	66.9	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	67.4	68.8	68.8	68.9	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
GE 8000	69.0	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	71.3	72.3	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	73.2	74.2	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 5000	75.6	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4500	78.0	79.4	79.7	79.8	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 4000	79.8	81.4	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3500	81.3	83.1	83.3	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
GE 3000	84.2	86.0	86.2	86.3	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
GE 2500	87.1	89.3	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	88.8	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1800	89.2	91.9	92.1	92.2	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 1600	89.4	92.4	92.7	92.9	93.0	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 1400	89.4	93.6	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	91.3	95.0	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000	92.1	96.3	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	92.1	96.4	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	92.4	96.8	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	92.7	97.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	92.7	97.6	98.0	98.2	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 400	92.7	97.7	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	92.7	97.9	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	92.7	98.0	98.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.7	98.0	98.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	92.7	98.0	98.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86

MONTH: SEP 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	53.0	54.1	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.9	54.9	54.9
GE 2000	56.7	57.9	58.2	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7
GE 1800	56.9	58.0	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8
GE 1600	56.9	58.0	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.8	58.8	58.8	58.8
GE 1400	57.3	58.5	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3
GE 1200	58.4	59.6	59.9	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.5	60.5
GE 1000	61.3	62.6	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.5
GE 900	62.7	63.9	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.8
GE 800	64.4	65.8	66.1	66.2	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.7
GE 700	67.0	68.6	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.5
GE 600	68.2	69.9	70.2	70.3	70.5	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8
GE 500	70.7	72.7	73.1	73.2	73.3	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7
GE 450	72.6	74.8	75.2	75.3	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.9	75.9
GE 400	74.2	76.4	76.8	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5
GE 350	75.9	78.3	78.7	78.8	79.0	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.4
GE 300	78.4	80.9	81.3	81.5	81.7	81.7	81.8	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.1	82.1
GE 250	81.2	84.1	84.6	84.8	85.0	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.4	85.4
GE 200	83.6	86.6	87.2	87.4	87.6	87.7	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.1	88.1
GE 180	84.5	87.6	88.2	88.5	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.2	89.2
GE 150	85.7	89.0	89.7	89.9	90.1	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.7	90.7
GE 120	87.2	90.8	91.6	91.9	92.2	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.8	92.8
GE 100	88.3	92.2	93.1	93.4	93.7	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.4	94.4
GE 90	88.7	93.1	94.0	94.4	94.7	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 80	89.0	93.6	94.5	94.9	95.3	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0
GE 70	89.3	94.1	95.1	95.5	96.0	96.1	96.4	96.4	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.7
GE 60	89.6	94.8	95.9	96.4	96.9	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8
GE 50	89.7	95.2	96.3	96.9	97.5	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4
GE 40	89.7	95.4	96.6	97.3	97.9	98.2	98.7	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2
GE 30	89.7	95.5	96.8	97.5	98.3	98.6	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.6	99.6
GE 20	89.7	95.6	96.9	97.6	98.3	98.7	99.3	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9
GE 10	89.7	95.6	96.9	97.6	98.3	98.7	99.3	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS(LST): 0000-0200

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	
NO CEIL	50.9	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	54.2	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4
GE 18000	54.3	55.2	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	55.5	55.5
GE 16000	54.3	55.2	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	55.5	55.5
GE 14000	55.1	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2
GE 12000	56.1	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3
GE 10000	57.6	58.5	58.5	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	60.9	60.9
GE 9000	60.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
GE 8000	61.1	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4
GE 7000	65.6	66.7	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	67.0	67.0
GE 6000	67.0	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7
GE 5000	71.3	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1
GE 4500	73.0	74.5	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2
GE 4000	74.3	76.0	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7
GE 3500	76.0	77.7	77.7	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	78.5	78.5
GE 3000	77.7	79.5	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
GE 2500	81.8	84.1	84.4	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
GE 2000	82.9	85.6	85.9	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2
GE 1800	87.2	88.1	88.5	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.0	88.0
GE 1500	84.2	87.4	87.7	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2
GE 1200	85.5	88.9	89.4	90.4	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.3	91.3
GE 1000	86.0	89.9	90.3	91.4	91.6	91.7	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
GE 900	86.8	91.2	91.6	92.8	93.0	93.1	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
GE 800	86.9	91.8	92.4	93.5	93.8	93.9	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
GE 700	87.1	92.3	92.8	94.0	94.2	94.3	94.5	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2
GE 600	87.7	92.9	93.7	94.9	95.2	95.3	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1
GE 500	88.1	93.9	95.2	96.7	97.2	97.3	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 400	88.1	93.9	95.3	97.0	97.6	97.7	98.1	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 300	88.1	93.9	95.6	97.3	98.0	98.1	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4
GE 200	88.1	93.9	95.6	97.3	98.0	98.1	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7
GE 100	88.1	93.9	95.6	97.3	98.0	98.1	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
GE 0	88.1	93.9	95.6	97.3	98.0	98.1	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS (LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 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	51.7	53.2	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.3
GE 20000	54.0	55.5	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.7
GE 18000	54.1	55.6	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8
GE 16000	54.1	55.6	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8
GE 14000	54.9	56.5	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6
GE 12000	55.8	57.3	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5
GE 10000	59.1	60.8	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9
GE 9000	60.2	61.8	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1
GE 8000	61.1	62.7	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.0
GE 7000	64.5	66.2	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5
GE 6000	65.5	67.6	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 5000	68.8	71.3	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6
GE 4500	70.4	73.2	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.5
GE 4000	72.9	75.9	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3
GE 3500	74.2	77.4	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
GE 3000	76.2	79.7	80.5	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
GE 2500	79.5	83.2	84.2	84.7	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2
GE 2000	81.3	85.8	86.9	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8
GE 1400	81.4	86.1	87.2	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2
GE 1000	81.9	86.8	87.8	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0
GE 1200	87.9	89.2	90.3	90.9	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7
GE 1700	84.2	89.8	90.9	91.4	91.8	91.8	91.8	91.8	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4
GE 900	84.6	90.4	91.5	92.0	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
GE 800	85.1	91.2	92.4	92.9	93.3	93.3	93.3	93.3	93.3	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9
GE 700	85.3	92.2	93.5	94.2	94.6	94.6	94.6	94.6	94.6	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.3
GE 600	86.1	93.2	94.6	95.6	96.1	96.2	96.2	96.2	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	97.0
GE 500	86.1	93.4	94.9	96.1	97.3	97.4	97.5	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 400	86.2	93.7	95.3	96.6	97.8	98.0	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 300	86.2	93.8	95.4	96.8	98.1	98.2	98.4	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 200	86.2	93.8	95.4	96.8	98.1	98.2	98.4	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 100	86.2	93.8	95.4	96.8	98.1	98.2	98.4	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 0	86.2	93.8	95.4	96.8	98.1	98.2	98.4	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-EE
 MONTH: OCT HOURS (LST): 0600-0800

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 7/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 1/8
NO CEIL	45.2	47.7	48.8	49.1	49.5	49.6	49.9	49.9	49.9	50.0	50.2	50.3	50.3	50.3	50.3	50.5
GE 20000	46.2	51.1	52.2	52.5	52.8	52.9	53.2	53.2	53.2	53.3	53.5	53.7	53.7	53.7	53.7	54.1
GE 18000	48.2	51.1	52.2	52.5	52.8	52.9	53.2	53.2	53.2	53.3	53.5	53.7	53.7	53.7	53.8	54.1
GE 16000	48.2	51.1	52.2	52.5	52.8	52.9	53.2	53.2	53.2	53.3	53.5	53.7	53.7	53.7	53.8	54.1
GE 14000	49.1	52.0	53.1	53.4	53.8	53.9	54.2	54.2	54.2	54.3	54.5	54.6	54.6	54.6	54.7	55.1
GE 12000	50.4	53.3	54.4	54.7	55.1	55.2	55.5	55.5	55.5	55.6	55.8	55.9	55.9	55.9	56.0	56.3
GE 10000	54.8	57.8	58.9	59.2	59.6	59.7	60.1	60.1	60.1	60.2	60.4	60.5	60.5	60.5	60.6	61.0
GE 9000	55.8	58.9	60.0	60.3	60.6	60.6	61.2	61.2	61.2	61.3	61.5	61.6	61.6	61.6	61.7	62.0
GE 8000	57.1	60.2	61.3	61.6	61.9	62.0	62.5	62.5	62.5	62.6	62.8	62.9	62.9	62.9	63.0	63.3
GE 7000	60.0	63.2	64.3	64.6	64.9	65.2	65.7	65.7	65.7	65.8	66.0	66.1	66.1	66.1	66.2	66.6
GE 6000	61.2	64.4	65.5	65.8	66.1	66.3	66.9	66.9	66.9	67.0	67.2	67.3	67.3	67.3	67.4	67.7
GE 5000	63.4	66.9	68.1	68.4	68.7	68.9	69.5	69.5	69.5	69.6	69.8	69.9	69.9	69.9	70.0	70.3
GE 4000	64.5	68.0	69.1	69.5	69.8	70.0	70.5	70.5	70.5	70.6	70.9	71.0	71.0	71.0	71.1	71.4
GE 3500	66.2	69.8	71.0	71.3	71.6	71.8	72.4	72.4	72.4	72.5	72.7	72.8	72.8	72.8	72.9	73.2
GE 3000	68.1	71.8	73.0	73.3	73.7	74.0	74.6	74.6	74.6	74.7	74.9	75.1	75.1	75.1	75.2	75.5
GE 2500	70.8	75.1	76.3	76.7	77.0	77.3	78.0	78.0	78.0	78.1	78.3	78.4	78.4	78.4	78.5	78.8
GE 2000	73.3	78.4	79.7	80.0	80.4	80.8	81.6	81.7	81.7	81.8	82.0	82.2	82.2	82.2	82.3	82.6
GE 1800	76.1	81.3	82.6	83.0	83.4	84.0	84.8	85.1	85.1	85.2	85.4	85.5	85.5	85.5	85.6	85.9
GE 1600	76.7	82.0	83.3	83.9	84.3	84.8	85.7	85.9	85.9	86.0	86.2	86.3	86.3	86.3	86.5	86.8
GE 1400	77.6	83.2	84.6	85.2	85.7	86.2	87.1	87.3	87.3	87.4	87.6	87.7	87.7	87.7	87.8	88.2
GE 1200	78.8	84.7	86.1	86.7	87.3	87.8	88.7	88.9	88.9	89.0	89.2	89.4	89.4	89.4	89.5	89.8
GE 1000	79.6	85.8	87.2	87.7	88.5	89.0	89.9	90.2	90.2	90.3	90.5	90.6	90.6	90.6	90.8	91.1
GE 900	80.3	86.8	88.2	88.8	89.6	90.1	91.0	91.3	91.3	91.4	91.6	91.7	91.7	91.7	91.8	92.1
GE 800	80.8	87.5	88.9	89.6	90.3	91.0	91.8	92.3	92.3	92.4	92.6	92.7	92.7	92.7	92.8	93.1
GE 700	81.7	88.1	89.5	90.2	91.3	91.9	92.8	93.2	93.2	93.3	93.5	93.7	93.7	93.7	93.8	94.1
GE 600	81.8	89.5	90.9	91.6	93.0	93.9	94.9	95.5	95.6	95.9	96.2	96.3	96.3	96.3	96.5	96.8
GE 500	81.9	89.8	91.5	92.8	94.1	94.9	96.1	96.8	96.9	97.2	97.5	97.6	97.6	97.6	97.7	98.1
GE 400	82.7	90.1	91.6	93.1	94.4	95.5	96.8	97.4	97.5	97.8	98.3	98.4	98.4	98.4	98.5	98.8
GE 300	82.3	90.3	92.2	93.4	94.7	95.8	97.1	97.8	98.0	98.3	98.7	98.8	98.8	98.8	98.9	99.2
GE 200	82.3	90.3	92.2	93.4	94.7	95.9	97.2	98.0	98.1	98.5	98.9	99.0	99.0	99.0	99.1	99.6
GE 100	82.3	90.3	92.2	93.4	94.7	95.9	97.2	98.0	98.1	98.5	99.0	99.1	99.1	99.4	99.6	100.0
GE 100	80.3	90.3	92.2	93.4	94.7	95.9	97.2	98.0	98.1	98.5	99.0	99.1	99.1	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72753C STATION NAME: HECTGR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(EST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	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	GE 4 1/4	GE 4 1/2	GE 4 3/4	GE 5	GE 5 1/4	GE 5 1/2
NO CEIL	42.8	45.3	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	42.3	51.2	51.3	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8
GE 18000	42.3	51.4	51.5	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0
GE 16000	42.3	51.4	51.5	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0
GE 14000	42.8	52.0	52.2	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7
GE 12000	42.7	52.9	53.0	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5
GE 10000	52.4	56.8	56.9	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
GE 9000	54.3	57.8	58.0	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7
GE 8000	56.0	59.7	59.8	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5
GE 7000	57.1	60.8	60.9	61.3	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 6000	58.5	62.2	62.3	62.7	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1
GE 5000	59.8	63.8	63.9	64.3	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
GE 4500	60.8	64.7	64.8	65.3	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
GE 4000	62.5	66.6	66.7	67.1	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5
GE 3500	63.8	68.0	68.1	68.5	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9
GE 3000	65.8	70.2	70.3	70.6	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2
GE 2500	64.6	74.4	74.6	75.1	75.2	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 2000	77.0	78.5	79.0	79.7	79.9	79.9	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6
GE 1800	74.1	79.9	80.5	81.2	81.4	81.4	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
GE 1500	75.9	82.2	83.0	83.7	84.1	84.2	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
GE 1200	79.2	85.4	86.2	86.9	87.3	87.5	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 1000	75.6	87.1	88.0	88.6	89.0	89.4	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
GE 900	80.6	88.8	89.8	90.6	91.3	91.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
GE 800	81.4	90.0	91.0	91.8	92.7	93.0	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 700	81.5	90.4	91.6	92.5	93.7	94.2	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 600	81.6	91.6	92.9	93.8	95.1	95.1	97.4	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 500	81.6	91.7	93.1	94.1	95.4	96.5	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 400	81.8	91.9	93.3	94.3	95.6	96.7	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9
GE 300	81.8	91.9	93.3	94.3	95.6	96.8	98.6	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	81.8	91.9	93.3	94.3	95.6	96.8	98.6	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	81.8	91.9	93.3	94.3	95.6	96.8	98.6	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS (LST): 1700-1900

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
NO CEILING	43.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 2000	49.2	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 1800	49.2	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 1600	49.2	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 1400	49.8	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 1200	51.1	52.8	52.9	52.9	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 1000	53.8	55.6	55.7	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 900	54.4	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 800	55.9	57.8	58.0	58.0	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 700	57.4	59.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 600	57.8	60.0	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 500	59.5	61.6	61.7	61.9	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 450	60.4	62.6	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 400	62.5	64.6	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 350	64.0	66.1	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 300	66.0	70.3	70.5	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 250	73.0	75.7	75.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 200	76.6	79.6	79.8	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 180	79.1	81.4	81.6	82.3	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 150	80.9	85.3	86.0	86.7	87.2	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 120	82.6	87.8	88.8	89.0	90.2	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 100	84.0	89.6	91.0	91.9	92.8	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 90	84.6	91.0	92.0	93.1	94.0	94.0	94.2	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 80	84.6	91.7	92.0	94.1	95.2	95.3	95.6	95.5	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 70	84.6	91.9	93.1	94.3	95.4	95.5	95.8	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 60	84.9	92.6	93.9	95.6	96.7	96.9	97.4	97.4	97.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 50	84.9	92.7	94.0	95.6	96.9	97.2	97.8	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 40	84.9	92.7	94.0	95.6	97.0	97.4	98.2	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 30	84.9	92.8	94.1	96.0	97.1	97.6	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	84.9	92.8	94.1	96.0	97.1	97.6	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	84.9	92.8	94.1	96.0	97.1	97.6	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector Fld Fargo ND

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS(UTST): 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	45.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	50.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	50.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 16000	50.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 14000	51.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000	52.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 10000	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 9000	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	56.9	56.9
GE 8000	57.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 7000	59.5	61.0	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 6000	60.0	61.5	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 5000	63.0	64.5	64.6	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4500	64.7	66.7	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4000	66.9	68.9	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 3500	70.0	72.0	72.2	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3000	74.3	76.5	76.6	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2500	77.2	80.1	80.5	80.5	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2000	79.5	82.6	83.2	83.3	83.4	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1800	81.1	85.3	85.7	85.8	86.0	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	82.9	87.8	88.6	88.7	88.9	89.6	89.8	89.8	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1
GE 1200	84.1	90.0	90.9	91.0	91.4	92.0	92.4	92.4	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7
GE 1000	85.7	91.8	92.6	93.0	93.4	94.2	94.7	94.7	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	85.7	92.3	93.2	93.8	94.3	95.1	95.6	95.7	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	85.8	92.5	93.5	94.2	94.7	95.5	96.1	96.2	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	85.9	93.0	94.1	94.8	95.4	96.2	97.0	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	86.0	93.3	94.7	95.6	96.5	97.4	98.2	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	86.0	93.3	95.1	96.2	97.2	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	86.0	93.3	95.1	96.2	97.2	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	86.0	93.3	95.1	96.2	97.2	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	86.0	93.3	95.1	96.2	97.2	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	86.0	93.3	95.1	96.2	97.2	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	100.0	100.0	100.0
GE 0	86.0	93.3	95.1	96.2	97.2	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 1900-2000

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	4 1/4	4 1/2	4 3/4	5
NO CEIL	47.1	48.1	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 2000	53.3	54.4	54.5	54.5	54.5	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	54.6
GE 1800	53.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 1600	53.8	54.8	54.9	54.9	54.9	54.9	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	55.1
GE 1400	54.4	55.6	55.7	55.7	55.7	55.7	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	55.8
GE 1200	55.8	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 1000	59.1	60.3	60.5	60.5	60.5	60.5	60.5	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 900	60.4	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 800	61.7	63.2	63.4	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 700	64.2	66.0	66.2	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 600	64.7	66.7	66.9	67.0	67.0	67.0	67.0	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 500	68.0	69.9	70.1	70.2	70.2	70.2	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	70.4
GE 400	70.6	72.6	73.0	73.1	73.1	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 300	73.1	75.3	75.5	75.6	75.6	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 200	75.6	77.7	78.0	78.1	78.1	78.1	78.2	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 100	78.6	81.1	81.3	81.4	81.4	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	81.4	84.7	85.1	85.3	85.4	85.5	85.7	85.7	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 2000	82.9	86.7	87.1	87.3	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	83.5	87.7	88.2	88.5	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1600	85.9	90.9	91.4	91.8	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1400	86.7	91.8	92.4	92.9	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	87.2	92.8	93.3	94.0	94.4	94.5	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	94.7
GE 1000	87.7	93.5	94.2	95.2	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	87.8	93.9	94.6	95.6	96.0	96.1	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
GE 800	88.0	94.1	94.9	96.0	96.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	88.0	94.5	95.6	96.8	97.4	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	88.0	94.5	95.6	96.8	97.4	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	88.1	94.6	95.7	97.0	97.7	98.1	98.5	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	88.1	94.6	95.7	97.1	97.8	98.3	98.7	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	88.1	94.6	95.7	97.1	98.0	98.4	98.8	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	88.1	94.6	95.7	97.1	98.0	98.4	98.8	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	88.1	94.6	95.7	97.1	98.0	98.4	98.8	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	88.1	94.6	95.7	97.1	98.0	98.4	98.8	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87
MONTH: OCT HOURS (LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	1	1/2	3/4	1	1 1/4	2	3	4	5	6	7	8	9	10	12	14	16	18	20	
NO CEIL	49.1	49.6	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4
GE 20000	53.0	53.5	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4
GE 18000	53.7	54.2	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1	55.1
GE 16000	53.8	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2
GE 14000	54.4	54.9	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8
GE 12000	55.1	55.7	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
GE 10000	59.6	60.3	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2
GE 9000	61.2	61.9	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8
GE 8000	62.4	63.3	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
GE 7000	66.3	67.3	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2
GE 6000	67.6	68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6
GE 5000	70.4	71.6	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5
GE 4500	73.1	74.5	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4
GE 4000	75.1	76.5	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3
GE 3500	76.6	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8
GE 3000	78.7	80.9	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
GE 2500	81.4	84.3	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
GE 2000	83.0	86.3	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
GE 1800	83.4	87.0	87.7	88.1	88.3	88.3	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6
GE 1500	84.7	89.0	90.1	90.5	90.8	90.8	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1
GE 1200	85.6	90.1	91.2	91.6	91.8	91.8	91.8	91.8	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
GE 1000	86.8	91.4	92.7	93.1	93.3	93.3	93.3	93.3	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1
GE 900	87.2	92.2	93.7	94.3	94.5	94.5	94.5	94.5	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
GE 800	87.2	92.2	93.8	94.5	94.7	94.7	94.7	94.7	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
GE 700	87.5	93.1	94.9	95.7	95.9	95.9	95.9	95.9	96.1	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
GE 600	87.5	93.8	95.7	96.6	96.9	96.9	96.9	96.9	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
GE 500	87.6	94.3	96.3	97.5	98.1	98.1	98.1	98.1	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 400	87.6	94.3	96.3	97.5	98.3	98.3	98.3	98.3	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
GE 300	87.6	94.3	96.3	97.5	98.3	98.3	98.3	98.3	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 200	87.6	94.3	96.3	97.5	98.3	98.3	98.3	98.3	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 100	87.6	94.3	96.3	97.5	98.3	98.3	98.3	98.3	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 00	87.6	94.3	96.3	97.5	98.3	98.3	98.3	98.3	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727533 STATION NAME: Hector Fld Fargo ND

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(UTC): 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 7/16	GE 1/4	GE 0
NO CEIL	47.0	48.3	48.0	48.0	48.8	48.6	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000	51.3	52.9	53.2	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.7
GE 18000	51.5	53.1	53.4	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8
GE 16000	51.5	53.1	53.4	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.9
GE 14000	52.2	53.6	54.1	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6
GE 12000	53.3	54.9	55.2	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
GE 10000	56.7	58.5	58.8	59.0	59.2	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 9000	57.8	59.6	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.5
GE 8000	59.1	61.0	61.4	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9
GE 7000	61.8	63.8	64.2	64.4	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8
GE 6000	62.8	64.9	65.3	65.5	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9
GE 5000	65.5	67.8	68.1	68.4	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.8
GE 4500	67.2	69.6	70.0	70.3	70.3	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7
GE 4000	69.2	71.7	72.1	72.4	72.4	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8
GE 3500	71.0	73.6	74.0	74.3	74.4	74.4	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
GE 3000	73.8	76.6	77.1	77.4	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.9
GE 2500	77.2	80.6	81.2	81.5	81.7	81.7	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2
GE 2000	79.4	83.3	83.9	84.4	84.6	84.7	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2
GE 1800	80.2	84.4	85.1	85.6	85.9	86.0	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.5	86.5
GE 1500	81.8	86.6	87.4	88.0	88.3	88.5	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1
GE 1200	83.2	88.5	89.4	90.0	90.4	90.6	90.9	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.4
GE 1000	84.1	89.8	90.8	91.4	91.9	92.1	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9
GE 900	84.7	90.6	91.8	92.6	93.1	93.3	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2
GE 800	84.9	91.3	92.4	93.3	93.9	94.1	94.5	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1
GE 700	85.1	91.9	93.1	94.0	94.6	94.9	95.4	95.6	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0
GE 600	85.4	92.7	94.0	95.1	95.8	96.3	96.8	97.2	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.7
GE 500	85.6	93.0	94.5	95.8	96.7	97.2	97.9	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.9
GE 400	85.6	93.1	94.6	96.0	97.0	97.5	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	85.6	93.1	94.7	96.1	97.1	97.7	98.4	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	85.6	93.1	94.7	96.1	97.1	97.7	98.4	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	85.6	93.1	94.7	96.1	97.1	97.7	98.4	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	85.6	93.1	94.7	96.1	97.1	97.7	98.4	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV FOURS(15): 0000-0400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	7/8	5/8	1/2	5/16	1/4	0
NO CEIL	40.1	41.7	42.1	42.2	42.6	42.7	42.9	43.7	43.2	43.2	43.3	43.3	43.4	43.4	43.6	43.7
GE 20000	42.2	43.6	44.2	44.3	44.7	44.8	45.0	45.3	45.3	45.3	45.4	45.4	45.6	45.6	45.7	45.8
GE 18000	42.4	44.0	44.4	44.6	44.9	45.0	45.2	45.6	45.6	45.6	45.7	45.7	45.8	45.8	45.9	46.0
GE 16000	42.4	44.0	44.4	44.6	44.9	45.0	45.2	45.6	45.6	45.6	45.7	45.7	45.9	45.8	45.9	46.0
GE 14000	42.7	44.2	44.7	44.8	45.1	45.2	45.4	45.8	45.8	45.8	45.9	45.9	46.2	46.0	46.1	46.2
GE 12000	43.2	44.9	45.3	45.4	45.8	45.9	46.1	46.4	46.4	46.4	46.6	46.6	46.7	46.7	46.8	46.9
GE 10000	47.0	50.7	51.1	51.2	51.7	51.8	52.0	52.3	52.3	52.3	52.4	52.4	52.6	52.6	52.7	52.8
GE 9000	47.6	51.2	51.7	51.8	52.2	52.3	52.6	52.9	52.9	52.9	53.0	53.0	53.1	53.1	53.2	53.3
GE 8000	51.2	52.9	53.3	53.4	53.9	54.0	54.2	54.6	54.6	54.6	54.7	54.7	54.8	54.8	54.9	55.0
GE 7000	57.3	55.1	55.6	55.7	56.1	56.2	56.4	56.9	56.9	56.8	56.9	56.9	57.2	57.0	57.1	57.2
GE 6000	55.1	56.9	57.3	57.6	58.0	58.1	58.3	58.7	58.7	58.7	58.8	58.8	58.9	58.9	59.0	59.1
GE 5000	55.9	58.2	58.6	59.1	59.6	59.7	60.0	60.3	60.3	60.3	60.4	60.4	60.6	60.6	60.7	60.8
GE 4000	56.4	58.8	59.3	59.7	60.1	60.2	60.5	60.9	60.9	60.9	61.0	61.0	61.1	61.1	61.2	61.3
GE 3000	57.7	60.1	60.7	61.0	61.4	61.6	61.9	62.2	62.2	62.2	62.3	62.3	62.4	62.4	62.6	62.7
GE 2000	58.9	61.6	62.1	62.6	63.0	63.1	63.4	63.8	63.8	63.8	63.9	63.9	64.0	64.0	64.1	64.2
GE 1000	62.2	65.4	66.0	66.4	66.9	67.0	67.3	67.7	67.7	67.7	67.8	67.8	67.9	67.9	68.0	68.1
GE 2500	66.7	70.2	70.6	71.3	72.2	72.4	72.8	73.1	73.1	73.1	73.2	73.2	73.3	73.3	73.4	73.6
GE 2000	70.2	74.3	74.9	75.4	76.4	76.4	77.2	77.6	77.6	77.6	77.7	77.7	77.8	77.8	77.9	78.0
GE 1800	70.9	75.3	76.0	76.6	77.9	78.2	78.7	79.0	79.0	79.0	79.1	79.1	79.2	79.2	79.3	79.4
GE 1500	72.7	77.4	78.2	79.0	80.2	80.7	81.1	81.6	81.7	81.7	81.9	81.8	81.9	81.9	82.0	82.1
GE 1200	75.0	80.4	81.4	82.6	83.9	84.3	84.9	85.3	85.4	85.4	85.6	85.6	85.7	85.7	85.8	85.9
GE 1000	75.3	81.4	82.6	84.3	86.1	86.6	87.2	87.8	88.0	88.0	88.2	88.2	88.3	88.3	88.4	88.6
GE 900	75.3	81.6	82.7	84.6	86.4	86.9	87.7	88.2	88.4	88.4	88.7	88.7	88.8	88.8	88.9	89.0
GE 800	75.9	82.2	83.4	85.3	87.2	87.7	88.4	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.5	89.6
GE 700	75.9	82.6	84.1	86.0	87.9	88.3	89.1	90.2	90.2	90.2	90.4	90.4	90.6	90.6	90.7	90.8
GE 600	76.2	83.3	85.2	87.3	89.2	89.7	90.8	91.8	92.1	92.3	92.6	92.6	92.7	92.7	92.8	92.9
GE 500	76.2	83.6	85.4	87.8	89.8	90.2	91.7	92.7	93.1	93.7	93.9	93.9	94.0	94.0	94.1	94.2
GE 400	76.2	83.7	85.8	88.3	90.4	90.9	92.7	94.1	94.6	95.2	95.4	95.4	95.8	95.8	95.9	96.0
GE 300	76.2	83.8	86.2	88.9	91.2	91.9	93.9	95.4	96.0	96.7	96.9	96.9	97.2	97.2	97.3	97.4
GE 200	76.2	83.8	86.2	89.0	91.3	92.0	94.0	95.8	96.6	97.4	97.8	97.8	98.4	98.4	98.4	98.5
GE 100	76.2	83.8	86.2	89.0	91.3	92.0	94.0	95.4	96.6	97.4	98.0	98.0	99.2	99.2	99.3	99.6
GE 0	76.2	83.8	86.2	89.0	91.3	92.0	94.0	95.4	96.6	97.4	98.0	98.0	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/FLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 0300-0500

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	39.6	41.6	42.2	42.7	43.0	43.0	43.0	43.1	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.8	
GE 20000	42.4	44.6	45.2	45.7	46.0	46.0	46.0	46.1	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.6	
GE 18000	42.6	44.7	45.3	45.8	46.1	46.1	46.1	46.2	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.9	
GE 16000	42.6	44.7	45.3	45.8	46.1	46.1	46.1	46.2	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.9	
GE 14000	43.0	45.1	45.8	46.2	46.6	46.6	46.6	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.3	
GE 12000	44.4	46.6	47.2	47.8	48.1	48.1	48.1	48.2	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.9	
GE 10000	49.1	51.2	51.9	52.4	52.8	52.8	52.8	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.6	
GE 9000	49.9	52.0	52.7	53.2	53.6	53.6	53.6	53.7	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.3	
GE 8000	51.0	53.1	53.8	54.3	54.7	54.7	54.7	54.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.4	
GE 7000	53.4	56.0	56.7	57.2	57.6	57.6	57.6	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.4	
GE 6000	54.0	56.7	57.4	58.0	58.3	58.3	58.4	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	59.2	
GE 5000	54.6	57.2	58.1	58.7	59.0	59.0	59.2	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	60.0	
GE 4500	55.4	58.1	59.1	59.6	60.1	60.1	60.3	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	61.1	
GE 4000	56.0	58.7	59.8	60.4	60.8	60.8	61.0	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.8	
GE 3500	56.8	59.6	60.7	61.4	61.8	61.8	62.0	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.8	
GE 3000	60.1	63.1	64.4	65.2	65.6	65.6	65.8	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.6	
GE 2500	63.2	66.4	68.1	69.1	69.6	69.6	69.9	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.7	
GE 2000	65.8	70.1	71.9	72.9	73.7	73.7	74.1	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.9	
GE 1800	65.9	71.6	73.4	74.6	75.7	75.7	76.1	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.9	
GE 1500	68.9	74.0	76.0	77.2	78.6	78.6	79.1	79.3	79.3	79.8	79.8	79.8	79.8	79.8	79.8	80.1	
GE 1200	70.4	76.6	79.2	80.7	82.2	82.2	82.9	83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	84.2	
GE 1000	71.0	78.0	80.8	82.4	84.2	84.2	85.0	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.4	
GE 900	71.6	79.0	82.0	83.7	85.7	85.9	86.7	87.2	87.2	87.8	87.8	87.8	87.8	87.8	87.8	88.2	
GE 800	71.7	79.6	82.6	84.4	86.6	86.9	87.7	88.3	88.3	89.1	89.1	89.1	89.2	89.2	89.2	89.6	
GE 700	72.0	80.0	83.0	85.0	87.1	87.4	88.2	88.9	88.9	89.7	89.7	89.7	89.8	89.8	89.8	90.1	
GE 600	72.2	80.7	83.8	85.8	88.1	88.4	89.2	89.9	89.9	90.8	90.8	90.8	90.9	90.9	90.9	91.3	
GE 500	72.3	81.0	84.1	86.4	88.9	89.2	90.0	90.8	90.8	91.6	91.6	91.6	91.6	91.6	91.6	92.0	
GE 400	72.3	81.3	84.8	87.1	89.9	90.2	91.2	92.2	92.2	93.3	93.3	93.6	93.9	93.9	93.9	94.3	
GE 300	72.3	81.3	84.9	87.7	90.4	91.2	92.2	93.4	93.6	94.6	94.6	95.1	95.1	95.4	95.6	95.9	
GE 200	72.3	81.3	84.9	87.7	90.6	91.3	92.6	93.8	94.0	95.7	96.2	96.2	97.1	97.1	97.2	97.6	
GE 100	72.3	81.3	84.9	87.7	90.6	91.3	92.6	93.8	94.0	95.8	97.0	97.0	98.2	98.4	98.8	99.4	
GE	72.3	81.3	84.9	87.7	90.6	91.3	92.6	93.8	94.0	95.8	97.0	97.0	98.3	98.6	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-PK

MONTH: NOV HOURS (LST): 0600-0000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 1/8	1/4	1/2	3/4	1	1 1/4	1 1/2	2	3	4	5	6	7	8	9	10
NO CEIL	40.9	42.7	42.9	43.0	43.7	43.8	43.9	43.9	44.9	44.0	44.0	44.1	44.2	44.3	44.6	44.4
GE 20000	44.2	46.3	46.6	46.7	47.3	47.4	47.6	47.6	47.6	47.7	47.7	47.8	47.8	48.0	48.1	48.4
GE 18000	44.8	46.9	47.1	47.2	47.9	48.0	48.1	48.1	48.1	48.2	48.2	48.3	48.4	48.6	48.6	49.0
GE 16000	44.8	46.9	47.1	47.2	47.9	48.0	48.1	48.1	48.1	48.2	48.2	48.3	48.4	48.6	48.6	49.0
GE 14000	45.2	47.3	47.6	47.7	48.3	48.4	48.6	48.6	48.6	48.7	48.7	48.8	48.9	49.0	49.2	49.4
GE 12000	46.4	48.7	48.9	49.3	49.7	49.8	49.9	49.9	49.9	50.1	50.1	50.2	50.3	50.4	50.7	50.9
GE 10000	50.8	53.0	53.2	53.3	54.1	54.3	54.4	54.4	54.4	54.7	54.7	54.8	54.9	55.3	55.2	55.4
GE 9500	51.6	53.8	54.0	54.1	54.9	55.1	55.2	55.2	55.2	55.6	55.6	55.7	55.8	55.9	56.1	56.3
GE 8500	52.6	54.9	55.1	55.2	56.0	56.2	56.3	56.3	56.3	56.7	56.7	56.8	56.9	57.0	57.2	57.4
GE 7000	54.4	57.0	57.2	57.3	58.1	58.3	58.4	58.4	58.4	58.8	58.8	58.9	59.0	59.1	59.3	59.6
GE 6000	55.0	57.7	57.9	58.0	58.8	59.0	59.1	59.1	59.1	59.4	59.4	59.6	59.7	59.9	60.1	60.3
GE 5000	55.4	58.1	58.3	58.4	59.2	59.4	59.7	59.7	59.7	60.0	60.0	60.1	60.2	60.4	60.7	60.9
GE 4500	56.8	59.4	59.8	59.9	60.7	60.9	61.1	61.1	61.1	61.4	61.4	61.6	61.7	61.9	62.1	62.3
GE 4000	58.0	61.0	61.4	61.6	62.6	62.6	63.0	63.0	63.0	63.4	63.4	63.6	63.7	63.9	64.1	64.3
GE 3500	58.7	61.7	62.1	62.2	63.2	63.4	63.7	63.7	63.7	64.1	64.1	64.2	64.3	64.4	64.6	64.8
GE 3000	60.1	63.2	63.7	63.8	64.8	65.0	65.2	65.2	65.2	65.7	65.7	65.8	65.9	66.1	66.3	66.6
GE 2500	62.6	66.2	67.1	67.3	68.4	68.7	69.0	69.0	69.0	69.4	69.4	69.6	69.7	69.9	70.1	70.3
GE 2000	64.7	68.8	69.4	70.4	71.8	72.2	72.7	72.9	72.9	73.3	73.3	73.4	73.6	73.6	74.0	74.2
GE 1800	65.7	69.7	70.8	71.1	72.7	73.1	73.6	73.8	73.8	74.2	74.2	74.3	74.4	74.7	74.9	75.1
GE 1500	67.4	72.6	74.3	74.7	76.3	76.8	77.3	77.6	77.7	78.1	78.1	78.2	78.3	78.6	78.6	79.1
GE 1200	69.3	75.4	77.0	77.4	79.2	79.7	80.3	80.7	80.8	81.2	81.2	81.3	81.5	81.9	82.0	82.0
GE 1000	70.2	76.8	78.6	79.0	81.1	81.6	82.2	83.1	83.2	83.7	83.7	83.8	84.0	84.3	84.4	84.7
GE 950	70.7	77.3	79.1	79.7	82.0	82.4	83.1	84.1	84.2	84.7	84.7	84.8	85.0	85.2	85.4	85.7
GE 800	70.9	77.9	79.7	80.3	82.8	83.3	84.3	85.4	85.6	86.0	86.0	86.1	86.3	86.6	86.8	87.1
GE 700	71.2	78.4	80.2	81.3	83.6	84.1	85.3	86.7	86.8	87.2	87.2	87.3	87.6	87.8	88.0	88.2
GE 600	71.8	79.6	81.6	82.6	85.1	85.7	86.9	88.2	88.3	88.8	88.8	88.9	89.1	89.3	89.6	89.8
GE 500	72.0	80.6	82.8	83.9	86.8	87.3	88.8	90.1	90.2	90.6	90.6	90.9	91.0	91.2	91.4	91.7
GE 400	72.1	81.0	83.3	85.0	88.7	89.1	90.7	92.1	92.2	93.0	93.0	93.3	93.7	93.9	94.1	94.3
GE 300	72.1	81.0	83.3	85.0	88.7	89.1	91.4	93.1	93.3	94.3	94.3	94.7	94.8	95.0	95.2	95.4
GE 200	72.1	81.0	83.3	85.0	88.8	90.0	91.9	93.8	94.1	95.3	95.3	95.8	95.9	96.6	96.8	97.2
GE 100	72.1	81.0	83.3	85.0	89.8	90.0	91.9	93.8	94.1	95.4	95.4	96.0	96.1	97.2	97.7	98.4
CE	72.1	81.0	83.3	85.0	89.8	90.0	91.9	93.8	94.1	95.4	95.4	96.0	96.1	97.2	97.7	98.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV HOURS(UT): 1900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	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	GE 4 1/4	GE 4 1/2	GE 4 3/4
NO CEIL	47.3	43.2	43.6	43.7	43.9	44.0	44.3	44.3	44.3	44.4	45.7	45.1	45.1	45.1	45.1	45.1
GE 2000	44.1	47.4	47.9	48.0	48.7	48.3	48.7	48.7	48.7	48.8	49.7	49.4	49.4	49.4	49.4	49.4
GE 1800	44.3	47.7	48.2	48.3	48.6	48.7	49.0	49.0	49.0	49.1	49.7	49.6	49.6	49.6	49.6	49.6
GE 1600	44.3	47.7	48.2	48.3	48.6	48.7	49.0	49.0	49.0	49.1	49.7	49.6	49.6	49.6	49.6	49.6
GE 1400	45.8	49.1	49.7	49.8	50.0	50.1	50.4	50.4	50.4	50.6	51.1	51.2	51.2	51.2	51.2	51.2
GE 1200	46.3	49.7	50.2	50.3	50.6	50.7	51.0	51.0	51.0	51.1	51.7	51.8	51.8	51.8	51.8	51.8
GE 1000	51.1	53.6	54.2	54.4	54.7	54.8	55.1	55.1	55.1	55.2	55.8	55.9	55.9	55.9	55.9	55.9
GE 900	51.0	54.4	55.1	55.3	55.6	55.7	56.0	56.0	56.0	56.2	56.9	57.0	57.0	57.0	57.0	57.0
GE 800	52.4	55.9	56.6	56.9	57.1	57.2	57.6	57.6	57.6	57.9	58.6	58.7	58.7	58.7	58.7	58.7
GE 700	53.6	57.2	57.9	58.3	58.6	58.7	59.0	59.0	59.1	59.3	60.0	60.1	60.1	60.1	60.1	60.1
GE 600	54.1	57.9	58.6	59.0	59.2	59.3	59.8	59.8	59.8	60.1	60.9	60.9	60.9	60.9	60.9	60.9
GE 500	54.9	58.2	58.9	59.3	59.6	59.7	60.3	60.3	60.3	60.7	61.5	61.6	61.6	61.6	61.6	61.6
GE 450	55.2	59.2	59.9	60.3	60.6	60.7	61.3	61.3	61.3	61.7	62.5	62.6	62.6	62.6	62.6	62.6
GE 400	56.1	60.3	61.1	61.7	61.9	62.0	62.7	62.7	62.7	63.0	63.7	63.8	63.8	63.8	63.8	63.8
GE 350	57.4	61.7	62.4	63.0	63.2	63.3	64.0	64.0	64.0	64.3	65.1	65.1	65.1	65.1	65.1	65.1
GE 300	59.7	63.6	64.3	64.9	65.1	65.2	65.9	65.9	65.9	66.2	66.9	67.0	67.0	67.0	67.0	67.0
GE 250	61.7	66.1	66.9	67.4	67.7	67.9	68.6	68.7	68.7	69.1	69.4	69.9	69.9	69.9	69.9	69.9
GE 200	64.2	69.0	69.9	70.6	70.9	71.1	71.8	72.1	72.1	72.4	73.1	73.4	73.4	73.4	73.4	73.4
GE 180	65.1	69.9	70.9	71.6	72.0	72.3	73.1	73.1	73.3	73.6	74.4	74.6	74.7	74.7	74.7	74.7
GE 160	67.9	73.7	73.8	76.1	76.7	77.1	77.9	78.3	78.3	78.6	79.4	79.6	79.7	79.7	79.7	79.7
GE 140	70.1	77.6	79.0	80.1	80.7	81.1	81.9	82.4	82.4	82.9	83.6	83.7	83.8	83.8	83.8	83.8
GE 120	73.7	78.1	79.6	80.9	81.6	82.3	83.7	84.0	84.0	84.4	85.2	85.3	85.4	85.4	85.4	85.4
GE 100	70.9	76.6	80.2	81.3	82.0	82.8	83.9	84.7	84.7	85.2	86.0	86.1	86.2	86.2	86.2	86.2
GE 80	71.3	79.4	81.1	82.2	83.0	83.8	85.0	85.9	86.0	86.7	87.6	87.7	87.8	87.8	87.8	87.8
GE 70	71.7	80.2	82.6	83.1	84.0	84.6	86.1	87.0	87.2	88.1	89.1	89.2	89.4	89.4	89.4	89.4
GE 60	71.9	81.1	83.0	84.3	85.4	86.2	87.6	88.4	89.8	90.9	90.9	91.0	91.2	91.2	91.2	91.2
GE 50	72.0	81.9	83.3	84.8	86.2	87.7	89.2	90.6	90.9	92.3	92.6	93.7	93.9	93.9	94.0	94.0
GE 40	72.0	81.6	83.4	85.0	86.4	88.4	90.9	92.3	92.7	94.3	95.7	96.0	96.2	96.2	96.2	96.2
GE 30	72.0	81.6	83.4	85.0	86.4	88.4	91.4	93.4	93.4	95.4	96.8	97.1	97.3	97.3	97.4	97.4
GE 20	72.0	81.6	83.4	85.0	86.7	88.4	91.4	93.4	93.8	96.3	97.6	98.1	98.7	98.7	98.8	98.8
GE 10	72.0	81.6	83.4	85.0	86.7	88.4	91.4	93.4	93.8	96.3	97.6	98.0	99.1	99.3	99.4	99.4
GE 0	72.0	81.6	83.4	85.0	86.7	88.4	91.4	93.4	93.8	96.3	97.6	98.0	99.1	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV HOURS(LIST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1 10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	41.8	43.3	43.6	43.7	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	
GE 20000	47.6	49.6	49.6	49.9	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	
GE 18000	47.7	49.8	50.0	50.1	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
GE 16000	47.8	49.9	50.1	50.2	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	
GE 14000	48.8	50.9	51.1	51.2	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
GE 12000	50.0	52.2	52.4	52.6	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	
GE 10000	54.6	57.1	57.3	57.4	58.0	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
GE 9000	57.3	57.9	58.1	58.2	58.8	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
GE 8000	56.8	59.4	59.7	59.8	60.3	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
GE 7000	57.4	60.2	60.4	60.6	61.1	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
GE 6000	57.8	60.6	60.9	61.0	61.6	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	
GE 5000	59.2	61.2	61.6	61.7	62.2	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	
GE 4500	59.7	61.7	62.0	62.1	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
GE 4000	59.3	62.4	62.8	62.9	63.4	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
GE 3500	60.2	63.3	63.7	63.8	64.3	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
GE 3000	62.3	65.7	66.1	66.2	66.9	66.9	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	
GE 2500	65.7	69.2	69.7	69.9	70.5	70.6	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
GE 2000	63.9	72.7	73.1	73.3	74.0	74.0	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	
GE 1800	70.1	74.3	74.8	75.1	75.8	75.8	76.2	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	
GE 1600	73.7	78.9	79.4	79.6	80.6	80.6	81.2	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
GE 1400	75.9	81.7	82.2	82.7	83.7	83.9	84.6	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	
GE 1200	77.4	83.8	84.4	84.9	86.0	86.4	87.2	88.2	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	
GE 900	79.1	85.0	86.0	86.7	87.8	88.2	89.0	90.2	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	
GE 800	79.6	85.9	87.0	87.7	89.0	89.6	90.3	91.6	91.9	92.4	92.6	92.6	92.6	92.6	92.6	92.6	
GE 700	79.6	86.4	87.8	88.8	90.1	90.7	91.6	92.8	93.1	93.7	93.8	93.8	93.8	93.8	93.8	93.8	
GE 600	79.6	86.6	88.3	89.0	91.0	91.9	93.1	94.3	94.7	95.2	95.6	95.6	95.6	95.6	95.6	95.6	
GE 500	79.6	86.6	88.3	89.7	91.1	92.4	93.8	95.0	95.3	96.0	96.3	96.3	96.4	96.4	96.4	96.4	
GE 400	79.6	86.7	88.4	89.8	91.2	92.7	94.2	95.7	96.0	96.8	97.3	97.3	97.4	97.8	98.1	98.2	
GE 300	79.6	86.7	88.4	89.8	91.2	92.7	94.2	95.8	96.2	97.1	97.8	97.8	97.9	98.2	98.6	98.7	
GE 200	79.6	86.7	88.4	89.8	91.2	92.7	94.2	95.9	96.3	97.6	98.1	98.1	98.2	98.6	99.0	99.1	
GE 100	79.6	86.7	88.4	89.8	91.2	92.7	94.2	95.9	96.3	97.6	98.1	98.1	98.4	98.9	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 70753J STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(LEST): 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 1/2	3	4	5	6	10	15	20	30
NO CEIL	40.8	41.8	41.9	42.1	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 2000	47.8	49.1	49.2	49.4	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 1800	48.0	49.3	49.4	49.7	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 1600	48.0	49.3	49.4	49.7	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 1400	48.8	50.1	50.2	50.4	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 1200	50.2	51.6	51.7	51.9	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 1000	52.4	54.3	54.4	54.7	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 900	53.2	55.1	55.2	55.4	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 800	54.4	56.9	57.0	57.2	57.7	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 700	56.1	58.3	58.4	58.7	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 600	57.0	59.6	59.7	59.9	60.3	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 500	59.6	61.6	61.8	62.1	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 450	59.8	62.8	63.0	63.4	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 400	60.7	63.9	64.1	64.7	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 350	61.3	64.7	64.9	65.4	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 300	64.4	67.4	67.5	68.0	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 250	67.4	71.1	71.3	72.0	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 200	70.0	75.0	75.3	76.1	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 180	71.7	76.0	76.3	77.1	77.7	77.7	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 150	74.7	80.6	81.2	82.4	82.9	83.1	83.3	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 120	77.0	84.2	85.0	86.0	86.8	87.1	87.4	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 100	78.0	85.0	86.4	87.6	88.7	89.7	90.1	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 90	78.6	87.1	88.0	89.3	90.1	90.4	91.0	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 80	78.8	87.3	88.2	89.8	90.4	91.3	91.9	93.1	93.2	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3
GE 70	78.9	87.7	88.7	90.2	91.3	92.6	92.7	93.9	94.0	94.6	95.1	95.1	95.2	95.3	95.4	95.4	95.4
GE 60	78.9	87.7	88.9	90.6	91.9	92.6	93.7	94.9	95.0	95.6	96.1	96.1	96.2	96.3	96.4	96.4	96.4
GE 50	78.9	87.9	89.1	91.0	92.1	93.0	94.1	95.3	95.4	96.0	96.9	97.0	97.0	97.1	97.2	97.2	97.2
GE 40	78.9	88.1	89.3	91.2	92.3	93.2	94.3	95.7	95.8	96.3	97.3	97.3	97.6	97.9	98.0	98.3	98.3
GE 30	78.9	88.1	89.3	91.2	92.4	93.4	94.7	96.0	96.0	96.8	97.8	97.8	98.2	98.6	98.7	99.0	99.0
GE 20	78.9	88.1	89.3	91.2	92.4	93.4	94.7	96.0	96.1	96.9	97.9	97.9	98.3	98.7	98.8	99.1	99.1
GE 10	78.9	88.1	89.3	91.2	92.4	93.4	94.7	96.0	96.1	96.9	97.9	97.9	98.3	98.7	98.9	99.3	99.3
GE	78.9	88.1	89.3	91.2	92.4	93.4	94.7	96.0	96.1	96.9	97.9	97.9	98.3	98.7	98.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 1800-2000

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	41.6	43.0	43.0	43.0	43.1	43.1	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 2000	45.3	46.9	46.9	46.9	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 1800	45.3	46.9	46.9	46.9	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 1600	45.3	46.9	46.9	46.9	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 1400	45.7	47.2	47.2	47.2	47.3	47.3	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 1200	46.7	48.2	48.2	48.3	48.4	48.4	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 1000	51.2	53.1	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 900	52.2	54.1	54.2	54.2	54.3	54.3	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 800	54.4	56.6	56.7	56.7	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 700	56.7	59.0	59.1	59.1	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 600	57.2	60.0	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 500	59.3	62.7	62.8	62.9	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 400	61.2	64.6	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 300	62.4	65.9	66.1	66.2	66.3	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 250	63.6	67.0	67.3	67.4	67.7	67.8	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 200	65.8	69.2	69.6	69.7	70.0	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 150	64.0	72.1	72.4	72.6	72.9	73.0	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 100	71.6	76.6	77.0	77.1	77.6	77.8	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 50	72.8	78.1	78.7	78.8	79.3	79.6	79.9	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 0	74.9	81.1	81.6	81.9	82.6	82.8	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1200	77.2	84.6	85.3	85.6	86.4	86.7	87.3	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1000	78.1	85.7	86.6	86.9	88.0	88.2	89.2	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 900	79.2	87.2	88.1	88.6	89.8	90.0	91.1	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 800	79.4	87.9	89.2	89.9	91.2	91.4	92.6	92.7	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	79.4	88.6	89.9	90.6	91.9	92.1	93.2	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	80.0	90.1	91.7	92.3	93.8	94.0	95.1	95.2	95.2	95.8	96.0	96.0	96.1	96.1	96.1	96.1
GE 500	80.1	90.2	91.9	92.8	94.2	94.4	95.6	95.6	95.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 400	80.1	90.3	92.0	92.9	94.3	94.6	95.8	96.0	96.0	97.0	97.3	97.3	97.4	97.4	97.4	97.6
GE 300	80.1	90.3	92.0	93.0	94.8	95.0	96.2	96.6	96.6	97.6	98.0	98.0	98.1	98.1	98.1	98.2
GE 200	80.1	90.3	92.0	93.2	94.8	95.0	96.2	96.6	96.7	97.9	98.6	98.6	98.8	98.8	98.8	98.9
GE 100	80.1	90.3	92.0	93.2	94.8	95.0	96.3	96.7	96.8	98.0	98.7	98.7	99.1	99.1	99.1	99.3
GE 0	80.1	90.3	92.0	93.2	94.8	95.0	96.3	96.7	96.8	98.0	98.7	98.7	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 600

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(UT): 2100-2300

CEILING IN FEET	GE 1 3/4	GE 1 5/8	GE 1 4/8	GE 1 3/8	GE 1 2/8	GE 1 1/8	VISIBILITY IN STATUTE MILES										
							GE 2 2	GE 1 1/2	GE 1 1/4	GE 1 3/4	GE 1 5/8	GE 1 1/2	GE 1 5/16	GE 1 1/4	GE 1 1/8		
NO CEIL	42.0	41.6	41.7	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.2	42.2	42.4	42.4	42.4	42.8
GE 20000	42.9	44.7	44.8	45.0	45.2	45.2	45.2	45.2	45.2	45.3	45.4	45.4	45.6	45.7	45.7	45.7	46.2
GE 18000	42.0	44.6	44.6	45.1	45.3	45.3	45.3	45.3	45.3	45.4	45.6	45.6	45.8	45.8	45.8	45.8	46.2
GE 16000	42.0	44.6	44.9	45.1	45.3	45.3	45.3	45.3	45.3	45.4	45.6	45.6	45.8	45.8	45.8	45.8	46.2
GE 14000	42.7	45.4	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.1	46.2	46.2	46.4	46.4	46.4	46.4	46.8
GE 12000	42.7	47.2	47.3	47.6	47.8	47.8	47.8	47.8	47.8	47.9	48.0	48.0	48.2	48.2	48.2	48.2	48.6
GE 10000	52.2	52.4	52.7	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.2	53.2	53.4	53.4	53.4	53.4	53.8
GE 9000	53.3	53.6	53.6	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.3	54.3	54.6	54.6	54.6	54.6	54.9
GE 8000	55.4	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.4	56.4	56.7	56.7	56.7	56.7	57.0
GE 7000	57.9	57.9	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.7	58.7	58.9	58.9	58.9	58.9	59.2
GE 6000	59.6	59.6	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.6	60.6	60.8	60.8	60.8	60.8	61.1
GE 5000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	62.0	62.0	62.2	62.2	62.2	62.2	62.6
GE 4000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.9	62.9	63.1	63.1	63.1	63.1	63.4
GE 3000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.6	64.6	64.8	64.8	64.8	64.8	65.1
GE 2000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.2	66.2	66.4	66.4	66.4	66.4	66.8
GE 1000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	70.0	70.0	70.2	70.2	70.2	70.2	70.6
GE 500	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.3	73.3	73.6	73.6	73.6	73.6	73.9
GE 400	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	78.1	78.1	78.3	78.3	78.3	78.3	78.7
GE 300	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.7	79.9	79.9	80.1	80.1	80.1	80.1	80.4
GE 200	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.9	82.1	82.1	82.3	82.3	82.3	82.3	82.7
GE 100	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.4	85.4	85.7	85.7	85.7	85.7	86.0
GE 50	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.6	87.8	87.8	88.1	88.1	88.1	88.1	88.4
GE 40	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.3	90.6	90.6	90.9	90.9	90.9	90.9	91.2
GE 30	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.0	92.3	92.3	92.7	92.7	92.7	92.7	93.0
GE 20	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.9	94.6	94.6	94.9	94.9	94.9	94.9	95.3
GE 10	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	95.0	95.7	95.7	96.2	96.2	96.2	96.2	96.4
GE 5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	96.0	96.7	96.7	97.2	97.2	97.2	97.2	97.7
GE 3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	97.3	98.4	98.4	98.9	98.9	98.9	98.9	99.3
GE 2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9
GE 1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.9
GE 0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.6	99.6	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECOR FLD FARGO ND

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(LST): ALL

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	4 1/4	4 1/2	4 3/4
NO CEIL	42.6	42.3	42.6	42.6	43.1	43.1	43.3	43.3	43.3	43.4	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.8
GE 2000	44.6	46.5	46.8	47.0	47.3	47.4	47.5	47.6	47.6	47.7	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	48.0
GE 1800	44.8	46.8	47.0	47.2	47.6	47.6	47.8	47.8	47.8	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.3
GE 1600	44.8	46.8	47.1	47.2	47.6	47.6	47.8	47.8	47.8	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.3
GE 1400	45.4	47.4	47.7	47.9	48.3	48.3	48.4	48.5	48.5	48.6	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.9
GE 1200	46.6	48.6	48.9	49.1	49.5	49.5	49.7	49.7	49.7	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.2
GE 1000	50.9	53.2	53.5	53.7	54.1	54.1	54.3	54.3	54.3	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8
GE 900	51.8	54.0	54.3	54.5	54.9	55.0	55.1	55.2	55.2	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.7
GE 800	53.3	55.6	56.0	56.2	56.6	56.6	56.8	56.8	56.8	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.4
GE 700	55.1	57.6	57.9	58.1	58.5	58.5	58.7	58.8	58.8	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.3
GE 600	55.9	58.6	59.0	59.2	59.6	59.6	59.8	59.9	59.9	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4
GE 500	56.8	59.8	60.2	60.4	60.8	60.9	61.1	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.8
GE 450	57.8	60.8	61.2	61.5	61.9	62.0	62.2	62.3	62.3	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.9
GE 400	58.8	61.9	62.4	62.8	63.2	63.3	63.5	63.6	63.6	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2
GE 350	59.8	63.0	63.5	63.9	64.4	64.5	64.7	64.8	64.8	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.4
GE 300	60.4	63.4	63.9	64.3	64.8	64.9	65.1	65.2	65.2	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.8
GE 250	65.3	69.1	69.8	70.3	70.9	71.0	71.3	71.3	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	72.0
GE 200	68.4	72.8	73.5	74.1	74.8	75.0	75.4	75.5	75.5	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.2
GE 180	68.3	74.0	74.6	75.4	76.2	76.4	76.9	77.0	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.7
GE 160	71.7	77.2	78.2	78.9	79.8	80.1	80.6	80.6	80.9	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.6
GE 140	73.9	80.3	81.5	82.3	83.4	83.7	84.2	84.6	84.7	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.4
GE 120	74.8	81.7	83.0	84.0	85.2	85.6	86.3	86.9	87.1	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.8
GE 100	75.2	82.6	84.0	85.1	86.5	86.9	87.7	88.3	88.4	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.3
GE 80	75.6	83.3	84.8	86.0	87.5	87.9	88.8	89.4	89.5	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.2
GE 60	75.8	83.8	85.5	86.7	88.2	88.7	89.7	90.5	90.7	91.2	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.8
GE 40	76.0	84.6	86.5	87.9	89.5	90.1	91.2	92.0	92.2	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.5
GE 20	76.1	85.0	86.9	88.5	90.2	90.9	92.2	93.1	93.1	94.0	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.9
GE 10	76.1	85.2	87.1	88.9	90.7	91.5	93.1	94.2	94.3	95.3	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.4
GE 5	76.1	85.2	87.2	89.1	91.0	92.0	93.7	94.9	95.1	96.1	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.3
GE 2	76.1	85.2	87.2	89.1	91.1	92.1	93.8	95.2	95.4	96.8	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.4
GE 1	76.1	85.2	87.2	89.1	91.1	92.1	93.8	95.2	95.5	96.8	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.8

TOTAL NUMBER OF OBSERVATIONS: 7700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200

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	43.2	45.1	45.5	45.8	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.3	46.3	46.6	47.0
GE 20000	44.5	46.3	46.8	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.6	47.6	47.8	48.3
GE 18000	44.7	46.6	47.0	47.3	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.8	47.8	48.1	48.5
GE 16000	44.7	46.6	47.0	47.3	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.8	47.8	48.1	48.5
GE 14000	45.2	47.0	47.4	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.3	48.3	48.5	48.9
GE 12000	46.7	48.7	49.1	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	50.0	50.0	50.2	50.6
GE 10000	49.4	51.8	52.3	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	53.1	53.1	53.3	53.9
GE 9000	50.2	53.0	53.4	53.6	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.3	54.3	54.5	54.9
GE 8000	51.8	54.7	55.2	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0	56.2	56.7
GE 7000	53.7	56.6	57.0	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.8	57.8	58.1	58.5
GE 6000	55.3	58.4	58.9	59.2	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.8	59.8	60.0	60.4
GE 5000	58.1	61.3	61.9	62.3	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	63.1	63.1	63.3	63.8
GE 4500	59.5	62.9	63.5	63.9	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.9	65.4
GE 4000	60.6	64.4	65.1	65.5	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.6	67.0
GE 3500	61.6	65.5	66.1	66.6	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.4	67.4	67.6	68.1
GE 3000	64.2	68.9	69.6	70.1	70.5	70.5	70.6	71.0	71.0	71.0	71.0	71.0	71.3	71.3	71.5	71.9
GE 2500	67.4	72.5	73.3	74.1	74.6	74.6	74.7	75.2	75.2	75.2	75.2	75.2	75.5	75.5	75.7	76.1
GE 2000	69.1	74.6	75.6	77.0	78.0	78.0	78.1	78.2	78.6	78.6	78.6	78.6	78.9	78.9	79.1	79.6
GE 1800	69.7	75.4	76.5	78.0	79.0	79.0	79.1	79.2	79.7	79.7	79.7	79.7	80.0	80.0	80.2	80.6
GE 1600	71.2	77.0	78.3	79.9	81.1	81.2	81.3	81.7	81.7	81.7	81.7	81.7	82.0	82.0	82.2	82.7
GE 1400	72.2	78.4	80.0	81.6	83.0	83.2	83.4	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.4	84.8
GE 1000	72.6	79.1	80.9	82.9	84.3	84.5	85.1	85.7	85.7	85.7	85.7	85.7	86.0	86.0	86.2	86.7
GE 900	72.7	79.8	81.5	83.5	84.9	85.2	85.7	86.6	86.6	86.6	86.6	86.8	86.8	87.1	87.3	87.8
GE 800	73.0	80.4	82.2	84.5	86.0	86.2	86.9	87.6	87.6	87.6	87.6	87.8	88.3	88.3	88.5	89.0
GE 700	73.5	81.8	83.7	86.0	87.7	88.0	88.5	89.4	89.4	89.5	89.5	89.6	90.0	90.0	90.2	90.8
GE 600	74.1	82.8	84.8	87.2	88.9	89.1	89.7	90.5	90.5	90.6	90.6	90.6	91.2	91.3	91.6	92.4
GE 500	74.2	83.0	85.3	87.8	89.6	90.0	90.6	91.5	91.6	92.5	92.8	92.8	93.3	93.4	94.0	94.5
GE 400	74.3	83.2	85.5	88.1	89.9	90.5	91.4	92.3	92.4	93.2	93.7	93.7	94.4	94.5	95.1	95.6
GE 300	74.3	83.2	85.5	88.3	90.1	90.8	91.7	92.7	92.8	93.8	94.2	94.2	95.1	95.3	95.8	96.3
GE 200	74.3	83.2	85.5	88.3	90.1	90.8	91.7	92.7	93.1	94.5	95.2	95.4	96.9	97.1	97.6	98.2
GE 100	74.3	83.2	85.5	88.3	90.1	90.8	91.7	92.7	93.2	94.6	95.5	95.9	97.5	97.6	99.0	99.6
GE 0	74.3	83.2	85.5	88.3	90.1	90.8	91.7	92.7	93.2	94.6	95.5	95.9	97.6	98.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/CIAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD Fargo ND

PERIOD OF RECORD: 77-86
 MONTH: DEC HOURS (LST): 0100-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/8	GE 1/4	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
NO CEIL	41.3	43.2	43.4	43.8	44.1	44.1	44.3	44.4	44.4	44.6	44.6	44.6	44.7	44.7	45.1	45.5
GE 2000	42.4	44.5	44.7	45.1	45.4	45.4	45.7	45.8	45.8	46.0	46.0	46.0	46.1	46.1	46.5	46.9
GE 1800	43.1	45.3	45.5	45.8	46.1	46.1	46.5	46.6	46.6	46.6	46.6	46.8	46.8	46.9	47.2	47.6
GE 1600	43.7	45.3	45.5	45.8	46.1	46.1	46.5	46.6	46.6	46.8	46.8	46.9	46.9	46.9	47.2	47.6
GE 1400	43.7	45.8	46.0	46.3	46.7	46.7	47.0	47.1	47.1	47.3	47.3	47.4	47.4	47.4	47.7	48.2
GE 1200	44.2	46.3	46.6	46.9	47.2	47.2	47.5	47.6	47.6	47.8	47.8	47.8	48.0	48.0	49.3	48.7
GE 1000	46.2	49.0	49.2	49.7	50.0	50.0	50.3	50.4	50.4	50.6	50.6	50.6	50.9	50.9	51.1	51.5
GE 900	47.7	50.6	51.0	51.5	51.9	51.9	52.3	52.4	52.4	52.6	52.6	52.6	52.7	52.7	53.0	53.4
GE 800	49.0	52.0	52.5	53.1	53.5	53.5	53.9	54.0	54.0	54.2	54.2	54.2	54.3	54.3	54.6	55.1
GE 700	50.9	54.2	54.6	55.3	55.9	55.9	56.1	56.2	56.2	56.5	56.5	56.5	56.6	56.6	56.9	57.3
GE 600	51.6	54.9	55.4	56.0	56.6	56.6	56.9	57.0	57.0	57.2	57.2	57.2	57.3	57.3	57.6	58.1
GE 500	54.9	58.5	58.9	59.7	60.2	60.2	60.6	60.8	60.8	61.0	61.0	61.0	61.1	61.1	61.4	61.9
GE 450	55.8	59.4	59.8	60.5	61.2	61.2	61.6	61.7	61.7	61.9	61.9	61.9	62.0	62.0	62.4	62.8
GE 400	57.1	61.6	62.0	62.9	63.5	63.5	64.0	64.1	64.1	64.3	64.3	64.3	64.4	64.4	64.7	65.2
GE 350	58.5	63.1	63.5	64.4	65.1	65.1	65.5	65.6	65.6	65.8	65.8	65.8	65.9	65.9	66.2	66.7
GE 300	60.0	65.1	65.5	66.3	67.1	67.1	67.5	67.6	67.6	67.8	67.8	67.8	68.0	68.0	68.3	68.7
GE 250	63.7	68.9	69.6	70.9	71.7	71.7	72.3	72.4	72.4	72.6	72.6	72.6	72.7	72.7	73.0	73.4
GE 200	64.7	70.4	71.2	72.7	74.1	74.1	74.7	74.8	74.8	75.1	75.1	75.1	75.2	75.2	75.5	75.9
GE 180	66.9	72.7	73.5	75.2	76.6	76.6	77.2	77.3	77.3	77.5	77.5	77.5	77.6	77.6	78.0	78.4
GE 150	68.3	74.8	75.7	77.4	78.8	78.8	79.5	79.6	79.6	79.8	79.8	79.8	79.9	79.9	80.2	80.6
GE 120	69.2	76.1	77.1	79.0	80.5	80.5	81.7	81.9	81.9	82.2	82.2	82.2	82.3	82.3	82.6	83.0
GE 100	70.4	77.8	78.8	80.6	82.3	82.3	83.5	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.5	84.9
GE 90	70.8	78.6	79.6	81.5	83.0	83.0	84.4	84.8	84.8	85.2	85.2	85.2	85.3	85.3	85.6	86.0
GE 80	70.8	79.0	80.1	82.0	83.7	83.7	85.2	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.5	86.9
GE 70	71.2	80.2	81.3	83.2	84.9	84.9	86.6	87.0	87.1	87.4	87.4	87.4	87.5	87.5	87.8	88.3
GE 60	71.9	82.0	83.4	85.7	87.5	87.5	89.4	89.9	89.9	90.3	90.3	90.4	90.5	90.5	91.5	91.9
GE 50	72.0	82.5	83.9	86.7	88.6	88.6	89.4	91.0	91.5	91.6	91.6	91.6	91.7	91.7	92.7	94.1
GE 40	72.2	82.6	84.0	86.8	88.9	88.9	89.7	91.5	92.2	92.3	92.3	92.3	92.4	92.4	93.7	95.2
GE 30	72.2	82.6	84.0	87.0	89.5	89.5	90.3	92.3	92.9	93.0	93.0	93.4	94.4	94.8	95.4	96.8
GE 20	72.2	82.6	84.0	87.0	89.5	89.5	90.3	92.3	93.2	93.3	93.3	93.4	94.4	94.8	95.4	96.8
GE 10	72.2	82.6	84.0	87.0	89.5	89.5	90.3	92.3	93.2	93.3	93.3	93.4	94.4	94.8	95.4	96.8
GE 0	72.2	82.6	84.0	87.0	89.5	89.5	90.3	92.3	93.2	93.3	93.3	93.4	94.4	94.8	95.4	96.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LOCAL): 0600-0800

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 3
NO CEIL	38.9	41.9	42.3	42.5	42.9	42.9	43.1	43.3	43.3	43.5	43.7	43.7	43.8	43.9	44.1	44.2
GE 20000	40.7	43.4	43.8	44.3	44.7	44.7	44.9	45.2	45.2	45.4	45.5	45.5	45.6	45.7	45.9	46.0
GE 18000	40.8	44.0	44.3	44.8	45.3	45.3	45.5	45.7	45.7	45.9	46.0	46.0	46.1	46.2	46.5	46.6
GE 16000	40.8	44.0	44.3	44.8	45.3	45.3	45.5	45.7	45.7	45.9	46.0	46.0	46.1	46.2	46.5	46.6
GE 14000	41.4	44.6	44.9	45.5	45.9	45.9	46.1	46.3	46.3	46.6	46.7	46.7	46.8	46.9	47.1	47.2
GE 12000	42.4	45.6	45.9	46.5	46.9	46.9	47.1	47.3	47.3	47.5	47.6	47.6	47.7	47.8	48.1	48.2
GE 10000	44.8	48.6	49.1	49.7	50.1	50.1	50.3	50.5	50.5	50.8	50.9	50.9	51.0	51.1	51.3	51.4
GE 9000	46.1	50.0	50.5	51.1	51.5	51.5	51.7	51.9	51.9	52.2	52.3	52.3	52.4	52.5	52.7	52.8
GE 8000	48.1	52.0	52.6	53.1	53.5	53.5	53.8	54.0	54.0	54.2	54.3	54.3	54.4	54.5	54.7	54.8
GE 7000	50.3	54.7	55.4	55.9	56.7	56.7	56.9	57.1	57.1	57.3	57.4	57.4	57.5	57.6	57.8	58.0
GE 6000	51.4	56.2	56.9	57.4	58.2	58.2	58.4	58.6	58.6	58.8	58.9	58.9	59.0	59.1	59.4	59.5
GE 5000	54.4	58.9	59.6	60.1	60.9	60.9	61.1	61.3	61.3	61.5	61.6	61.6	61.7	61.8	62.0	62.2
GE 4500	55.2	60.0	60.8	61.5	62.3	62.3	62.5	62.7	62.7	62.9	63.0	63.0	63.1	63.2	63.4	63.5
GE 4000	56.3	61.5	62.5	63.4	64.3	64.3	64.5	64.7	64.9	65.2	65.3	65.3	65.4	65.5	65.7	65.8
GE 3500	57.4	62.7	63.7	64.6	65.5	65.5	65.9	66.1	66.1	66.3	66.5	66.5	66.6	66.7	66.9	67.0
GE 3000	58.8	64.3	65.4	66.5	67.4	67.4	68.0	68.2	68.2	68.4	68.5	68.5	68.6	68.7	68.9	69.0
GE 2500	61.0	67.2	68.3	69.7	70.6	71.0	71.3	71.5	71.5	71.7	71.8	71.8	71.9	72.0	72.3	72.4
GE 2000	62.8	69.7	71.0	72.5	73.5	73.9	74.2	74.5	74.5	74.8	74.9	74.9	75.1	75.2	75.4	75.5
GE 1800	64.7	71.2	72.5	74.1	75.2	75.6	75.9	76.2	76.2	76.6	76.7	76.7	76.8	76.9	77.1	77.2
GE 1500	65.1	72.5	73.9	75.8	77.1	77.5	78.0	78.5	78.5	78.9	79.0	79.0	79.1	79.2	79.5	79.6
GE 1200	66.2	74.5	76.0	78.1	79.5	80.2	80.6	81.3	81.3	81.8	81.9	81.9	82.0	82.2	82.4	82.5
GE 1000	66.9	75.7	77.3	79.5	81.1	82.0	82.6	83.5	83.5	84.2	84.3	84.3	84.4	84.5	84.7	84.8
GE 900	68.1	77.4	79.0	81.4	83.1	84.1	84.7	85.8	85.8	86.6	86.7	86.7	86.9	87.0	87.2	87.3
GE 800	68.5	78.5	80.2	82.6	84.5	85.5	86.2	87.4	87.4	88.4	88.5	88.5	88.9	88.9	89.1	89.2
GE 700	68.6	79.0	80.9	83.4	85.5	86.6	87.3	88.6	88.6	89.7	89.8	89.8	90.3	90.4	90.6	90.8
GE 600	69.1	79.9	81.9	84.6	86.9	88.1	88.9	90.3	90.3	91.6	91.7	91.7	92.3	92.4	92.7	92.8
GE 500	69.2	80.1	82.3	85.1	87.6	88.7	89.6	91.0	91.0	92.5	92.7	92.7	93.2	93.3	93.7	93.8
GE 400	69.4	80.5	82.9	85.9	88.5	89.8	90.8	92.2	92.2	93.4	94.0	94.1	94.7	94.8	95.2	95.4
GE 300	69.4	80.5	82.9	85.9	88.9	90.2	91.3	92.7	92.8	94.6	94.8	94.9	95.6	95.7	96.0	96.3
GE 200	69.4	80.5	82.9	86.0	89.6	90.9	91.9	93.4	93.7	95.7	96.2	96.5	97.3	97.6	98.2	98.5
GE 100	69.4	80.5	82.9	86.0	89.6	90.9	91.9	93.4	93.7	95.7	96.2	96.6	97.5	98.0	99.2	99.7
GE 0	69.4	80.5	82.9	86.0	89.6	90.9	91.9	93.4	93.7	95.7	96.2	96.6	97.5	98.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS/LSLT: 0930-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GF 10	GE 6	GF 5	GF 4	GE 3	GF 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GF 3/4	GF 5/8	GE 1/2	GF 6/16	GF 1/4	GF 0
NO CEIL	39.2	39.2	40.0	40.4	40.5	40.9	41.1	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.7	41.7	41.7
GE 2000	39.7	45.3	46.0	46.7	46.8	47.2	47.6	48.2	48.3	48.4	48.5	48.5	48.5	48.7	48.7	48.7	48.7
GE 1800	39.7	45.3	46.0	46.7	46.8	47.2	47.6	48.2	48.3	48.4	48.5	48.5	48.5	48.7	48.7	48.7	48.7
GE 1600	39.7	45.3	46.0	46.7	46.8	47.2	47.6	48.2	48.3	48.4	48.5	48.5	48.5	48.7	48.7	48.7	48.7
GE 1400	40.6	46.2	47.0	47.6	47.7	48.2	48.6	49.1	49.2	49.4	49.5	49.5	49.5	49.7	49.7	49.7	49.7
GE 1200	41.2	46.8	47.5	48.3	48.4	48.8	49.2	49.8	49.9	50.0	50.1	50.1	50.1	50.3	50.3	50.3	50.3
GE 1000	43.7	49.9	50.8	51.6	51.8	52.3	52.7	53.4	53.5	53.7	53.8	53.8	54.0	54.0	54.0	54.0	54.0
GE 900	44.9	51.2	52.2	53.1	53.3	53.8	54.5	55.1	55.2	55.3	55.4	55.4	55.6	55.6	55.6	55.6	55.6
GE 800	46.8	53.3	54.3	55.3	55.6	56.0	56.8	57.3	57.4	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8
GE 700	48.7	55.6	56.6	57.6	58.0	58.5	59.4	59.9	60.0	60.1	60.2	60.2	60.4	60.4	60.4	60.4	60.4
GE 600	49.6	56.7	57.6	58.7	59.0	59.6	60.6	61.2	61.3	61.4	61.5	61.5	61.7	61.7	61.7	61.7	61.7
GE 500	51.6	59.0	60.0	61.2	61.5	62.0	63.2	63.6	63.9	64.0	64.1	64.1	64.3	64.3	64.3	64.3	64.3
GE 400	52.4	60.0	61.0	62.2	62.5	63.0	64.2	64.6	64.9	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.5
GE 300	53.7	61.3	62.3	63.4	63.6	64.3	65.5	66.2	66.3	66.7	66.8	66.8	67.0	67.0	67.0	67.0	67.0
GE 200	54.1	62.0	63.0	64.2	64.6	65.2	66.3	67.1	67.2	67.5	67.6	67.6	67.9	67.9	67.9	67.9	67.9
GE 100	55.4	63.9	64.8	66.1	66.6	67.1	68.3	69.0	69.1	69.5	69.6	69.6	69.9	69.9	69.9	69.9	69.9
GE 2500	57.6	66.7	68.0	69.5	70.0	70.8	72.4	73.1	73.2	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0
GE 2000	59.2	68.9	70.2	71.7	72.4	73.2	74.8	75.6	75.8	76.3	76.5	76.5	76.7	76.7	76.7	76.7	76.7
GE 1800	59.9	69.7	71.0	72.6	73.2	74.1	75.7	76.7	76.9	77.4	77.5	77.5	77.7	77.7	77.7	77.7	77.7
GE 1600	61.4	72.0	73.5	75.2	75.9	76.9	78.6	79.9	80.1	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.3
GE 1400	63.1	74.2	75.9	77.6	78.4	79.4	81.2	82.7	82.9	83.8	84.2	84.2	84.4	84.4	84.4	84.4	84.4
GE 1200	63.8	75.5	77.3	79.1	80.0	81.2	83.1	84.7	84.9	85.9	86.5	86.5	86.7	86.7	86.7	86.7	86.7
GE 1000	63.9	76.1	78.1	80.0	81.1	82.3	84.2	86.1	86.3	87.3	87.9	87.9	88.1	88.1	88.1	88.1	88.1
GE 900	64.1	76.6	78.6	80.5	81.6	82.6	84.8	87.2	87.5	88.6	89.4	89.4	89.8	89.8	89.8	89.8	89.8
GE 800	64.1	77.5	79.7	81.6	82.8	84.0	86.2	88.7	89.0	90.1	91.0	91.0	91.4	91.4	91.4	91.4	91.4
GE 700	64.5	77.4	80.1	82.0	83.2	84.5	87.0	89.6	89.9	91.0	91.7	91.8	91.8	92.3	92.7	92.9	92.9
GE 600	64.6	77.7	80.4	82.5	83.6	85.1	87.6	90.4	90.5	91.9	92.9	92.9	93.3	93.8	94.2	94.2	94.2
GE 500	64.7	77.8	80.5	82.6	84.2	85.5	88.4	91.1	91.4	92.8	93.7	93.7	94.2	94.6	95.2	95.4	95.4
GE 400	64.8	78.0	80.6	82.9	84.7	86.1	89.1	91.9	92.3	94.1	95.1	95.1	95.6	96.0	96.6	97.0	97.0
GE 300	64.8	78.0	80.6	83.0	84.9	86.3	89.4	92.3	92.6	94.5	95.7	95.7	96.6	97.0	98.2	98.8	98.8
GE 200	64.8	78.0	80.6	83.0	84.9	86.3	89.4	92.3	92.6	94.5	95.8	95.9	96.9	97.3	98.9	100.0	100.0
GE 100	64.8	78.0	80.6	83.0	84.9	86.3	89.4	92.3	92.6	94.5	95.8	95.9	96.9	97.3	98.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC 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 4/16	GE 1/4	GE 0
NO CEIL	40.6	43.7	44.3	44.6	44.9	45.1	45.2	45.2	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5
GE 20000	47.4	51.0	51.6	51.9	52.3	52.4	52.8	52.8	52.9	53.0	53.3	53.3	53.3	53.3	53.3	53.3
GE 18000	49.0	51.5	52.2	52.5	52.8	52.9	53.3	53.3	53.4	53.5	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	49.0	51.5	52.2	52.5	52.8	52.9	53.3	53.3	53.4	53.5	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	48.9	52.6	53.2	53.5	53.9	54.0	54.4	54.4	54.5	54.6	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	49.4	53.0	53.7	54.0	54.3	54.4	54.8	54.8	54.9	55.1	55.4	55.4	55.4	55.4	55.4	55.4
GE 10000	51.0	54.7	55.4	55.7	56.0	56.1	56.6	56.7	56.8	56.9	57.3	57.3	57.3	57.3	57.3	57.3
GE 9000	51.5	55.7	56.3	56.9	57.2	57.3	57.7	57.8	58.0	58.1	58.5	58.5	58.5	58.5	58.5	58.5
GE 8000	53.4	57.7	58.4	58.9	59.2	59.4	59.8	59.9	60.0	60.1	60.5	60.5	60.5	60.5	60.5	60.5
GE 7000	54.5	59.1	59.8	60.3	60.6	60.6	61.2	61.3	61.4	61.5	61.9	61.9	61.9	61.9	61.9	61.9
GE 6000	55.3	60.0	60.6	61.2	61.5	61.6	62.0	62.2	62.3	62.4	62.8	62.8	62.8	62.8	62.8	62.8
GE 5000	56.2	61.0	61.6	62.2	62.5	62.6	63.0	63.1	63.2	63.3	63.8	63.8	63.8	63.8	63.8	63.8
GE 4500	56.6	61.4	62.2	62.7	63.0	63.1	63.7	63.9	64.3	64.1	64.5	64.5	64.5	64.5	64.5	64.5
GE 4000	57.4	62.3	63.1	63.7	64.1	64.4	64.9	65.3	65.4	65.5	65.9	65.9	65.9	65.9	65.9	65.9
GE 3500	58.1	63.1	64.0	64.5	65.1	65.4	65.9	66.2	66.3	66.5	66.9	66.9	66.9	66.9	66.9	66.9
GE 3000	59.4	64.4	65.5	66.0	66.6	66.9	67.6	68.3	68.4	68.6	69.0	69.0	69.0	69.0	69.0	69.0
GE 2500	61.1	66.9	68.1	68.6	69.6	70.0	70.9	71.7	71.9	72.0	72.5	72.5	72.5	72.5	72.5	72.5
GE 2000	63.3	69.8	71.0	71.5	72.5	73.1	74.2	75.1	75.2	75.4	75.8	75.8	75.8	75.8	75.8	75.8
GE 1800	64.1	70.8	72.0	72.6	73.5	74.2	75.3	76.1	76.3	76.7	77.1	77.1	77.1	77.1	77.1	77.1
GE 1500	66.2	73.4	75.1	75.6	76.7	77.3	78.5	79.4	79.6	80.2	80.8	80.8	80.8	80.8	80.8	80.8
GE 1200	67.7	76.0	77.6	78.3	79.7	80.3	81.5	82.5	82.7	83.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 1000	69.4	77.3	79.0	79.8	81.5	82.3	83.7	84.4	85.2	85.9	87.1	87.1	87.2	87.2	87.2	87.2
GE 900	69.1	78.7	80.5	81.3	83.1	83.9	85.3	86.6	86.8	87.5	88.7	88.7	88.8	88.8	88.8	88.8
GE 800	69.1	79.4	81.5	82.4	84.2	85.1	86.5	87.8	88.1	89.2	90.8	90.8	90.9	91.0	91.0	91.0
GE 700	69.5	80.4	82.7	83.5	85.4	86.2	87.8	89.2	89.5	90.8	92.3	92.3	92.6	92.7	92.8	92.8
GE 600	69.8	81.1	83.3	84.3	86.1	87.0	88.6	90.1	90.4	91.8	93.5	93.7	94.0	94.1	94.2	94.2
GE 500	69.9	81.4	83.7	84.6	86.8	87.6	89.2	90.9	91.2	92.8	94.3	94.5	95.1	95.1	95.5	95.5
GE 400	69.9	81.5	83.9	85.1	87.0	87.8	89.5	91.1	91.4	93.0	94.9	95.2	95.7	95.9	96.1	96.5
GE 300	69.9	81.5	83.9	85.2	87.6	88.5	90.2	91.9	92.3	94.3	96.7	96.9	97.5	97.7	98.0	98.6
GE 200	69.9	81.5	83.9	85.2	87.6	88.5	90.3	92.2	92.5	94.5	97.0	97.2	98.1	98.3	98.7	99.2
GE 100	69.9	81.5	83.9	85.2	87.6	88.5	90.3	92.2	92.5	94.5	97.1	97.3	98.5	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: DEC
 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 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.4	46.9	47.6	47.8	48.3	48.3	48.3	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.6	48.6
GE 20000	47.7	51.9	52.7	52.9	53.5	53.7	53.8	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.3	54.3
GE 18000	48.0	52.2	52.9	53.1	53.8	53.9	54.0	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.5	54.5
GE 16000	48.1	52.3	53.0	53.2	53.9	54.0	54.1	54.2	54.3	54.5	54.5	54.5	54.5	54.5	54.6	54.6
GE 14000	48.6	52.9	53.7	53.9	54.5	54.6	54.7	54.9	55.1	55.3	55.3	55.3	55.3	55.3	55.4	55.4
GE 12000	49.2	53.5	54.3	54.5	55.3	55.5	55.7	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.3	56.3
GE 10000	52.5	57.2	58.0	58.2	59.1	59.4	59.6	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2
GE 9000	53.8	58.7	59.5	59.7	60.6	61.0	61.2	61.4	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8
GE 8000	55.2	60.2	61.1	61.3	62.3	62.6	62.8	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.4	63.4
GE 7000	56.8	61.9	62.8	63.1	64.1	64.4	64.6	64.8	64.9	65.3	65.3	65.3	65.3	65.3	65.4	65.4
GE 6000	57.4	62.7	63.5	63.9	64.8	65.3	65.5	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.3	66.3
GE 5000	58.3	63.9	64.7	65.1	66.1	66.6	66.8	67.0	67.1	67.4	67.5	67.5	67.5	67.5	67.6	67.6
GE 4500	58.8	64.6	65.5	65.9	67.0	67.4	67.6	67.8	68.0	68.3	68.3	68.4	68.4	68.4	68.5	68.5
GE 4000	59.4	65.5	66.3	66.8	67.8	68.3	68.7	68.9	69.0	69.4	69.5	69.5	69.5	69.5	69.6	69.6
GE 3500	60.4	66.7	67.5	68.0	69.0	69.6	70.0	70.2	70.3	70.6	70.8	70.8	70.8	70.8	70.9	70.9
GE 3000	62.2	68.7	69.7	70.2	71.5	72.0	72.6	73.0	73.1	73.5	73.7	73.7	73.7	73.7	73.8	73.8
GE 2500	63.9	70.6	71.8	72.6	74.0	74.6	75.5	76.0	76.1	76.6	76.7	76.7	76.7	76.7	76.8	76.8
GE 2000	66.5	73.8	74.9	75.7	77.3	78.1	78.9	79.9	80.0	80.5	80.6	80.6	80.6	80.6	80.7	80.7
GE 1800	67.0	74.8	76.2	77.1	78.7	79.5	80.2	81.3	81.5	82.0	82.2	82.2	82.2	82.2	82.3	82.3
GE 1500	68.3	76.3	77.6	78.8	80.4	81.3	82.3	83.4	83.7	84.6	84.8	84.8	84.8	84.8	84.9	84.9
GE 1200	69.1	77.8	79.5	80.6	82.5	83.3	84.3	85.7	85.9	87.2	87.4	87.4	87.4	87.4	87.6	87.6
GE 1000	69.5	78.7	80.5	82.0	84.1	85.1	86.1	87.7	88.1	89.4	89.7	89.7	89.8	89.8	90.0	90.0
GE 900	69.5	79.2	81.1	82.6	84.8	85.6	87.0	89.6	89.9	90.7	90.9	90.8	91.0	91.0	91.2	91.2
GE 800	69.6	79.7	81.6	83.1	85.4	86.5	87.6	89.4	89.7	91.1	91.6	91.6	91.8	91.9	92.2	92.2
GE 700	69.7	80.3	82.4	84.1	86.3	87.5	88.7	90.4	90.8	92.3	92.8	92.8	93.1	93.2	93.4	93.4
GE 600	69.7	80.8	83.0	84.7	87.1	88.3	89.7	91.4	91.7	93.2	93.9	93.9	94.4	94.5	94.7	94.7
GE 500	69.8	81.3	84.0	85.7	88.2	89.6	91.0	92.7	93.0	94.6	95.4	95.4	96.0	96.1	96.3	96.3
GE 400	69.8	81.5	84.3	86.2	88.7	90.2	91.7	93.5	93.9	95.6	96.3	96.5	97.2	97.3	97.5	97.7
GE 300	69.8	81.6	84.4	86.3	88.9	90.4	92.0	94.1	94.4	96.6	97.3	97.4	98.4	98.5	98.7	98.9
GE 200	69.8	81.6	84.4	86.3	88.9	90.4	92.2	94.2	94.5	96.8	97.5	97.6	98.6	98.7	99.2	99.7
GE 100	69.8	81.6	84.4	86.3	88.9	90.4	92.2	94.2	94.5	96.8	97.7	97.8	98.9	99.3	99.6	100.0
GE 0	69.8	81.6	84.4	86.3	88.9	90.4	92.2	94.2	94.5	96.8	97.7	97.8	98.9	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: DEC HOURS(LST): 1900-2000

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 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	46.9	49.1	49.6	50.3	50.5	50.6	50.6	50.8	50.9	50.9	50.9	50.9	51.1	51.1	51.2	51.4
GE 20000	44.9	51.4	52.0	52.7	52.9	53.0	53.0	53.1	53.2	53.4	53.4	53.4	53.7	53.7	53.8	54.0
GE 18000	47.5	51.9	52.6	53.2	53.4	53.5	53.5	53.7	53.8	54.0	54.0	54.0	54.2	54.2	54.3	54.5
GE 16000	49.6	52.0	52.7	53.3	53.5	53.7	53.7	53.8	53.9	54.1	54.1	54.1	54.3	54.3	54.4	54.6
GE 14000	50.2	52.7	53.3	54.0	54.2	54.3	54.3	54.4	54.5	54.7	54.7	54.7	54.9	54.9	55.1	55.3
GE 12000	50.6	53.1	53.8	54.4	54.6	54.7	54.7	54.8	54.9	55.2	55.2	55.2	55.4	55.4	55.5	55.7
GE 10000	53.9	56.5	57.1	57.7	58.0	58.1	58.1	58.2	58.3	58.5	58.5	58.5	58.7	58.7	58.8	59.0
GE 9000	55.1	58.1	58.6	59.5	59.7	59.8	59.8	59.9	60.0	60.2	60.2	60.2	60.4	60.5	60.5	60.5
GE 8000	57.3	60.4	61.2	61.8	62.0	62.2	62.2	62.3	62.4	62.6	62.6	62.6	62.8	62.8	62.9	63.1
GE 7000	59.4	61.7	62.5	63.2	63.4	63.5	63.5	63.7	63.8	64.0	64.0	64.0	64.2	64.2	64.3	64.5
GE 6000	59.7	62.4	63.1	63.9	64.1	64.2	64.2	64.3	64.4	64.6	64.6	64.6	64.9	64.8	64.9	65.1
GE 5000	60.3	64.4	65.2	65.9	66.1	66.2	66.2	66.3	66.5	66.7	66.7	66.7	66.9	66.9	67.0	67.2
GE 4500	61.3	65.5	66.3	67.1	67.3	67.4	67.4	67.5	67.6	67.8	67.8	67.8	68.1	68.1	68.2	68.4
GE 4000	62.6	67.0	68.0	68.7	69.0	69.2	69.2	69.4	69.5	69.7	69.7	69.7	69.9	69.9	70.0	70.2
GE 3500	63.4	67.8	68.9	69.7	70.0	70.2	70.2	70.3	70.4	70.6	70.6	70.6	70.9	70.9	71.0	71.2
GE 3000	64.0	68.7	70.1	71.1	71.4	71.6	71.6	71.7	71.8	72.0	72.0	72.0	72.3	72.3	72.4	72.6
GE 2500	66.5	71.8	73.4	74.6	75.1	75.3	75.7	75.9	76.0	76.2	76.2	76.2	76.5	76.5	76.6	76.8
GE 2000	67.6	73.7	75.5	76.8	77.4	77.6	78.1	78.3	78.4	78.6	78.6	78.6	78.8	78.8	78.9	79.1
GE 1800	68.7	75.3	77.2	78.5	79.1	79.4	79.8	80.1	80.2	80.4	80.4	80.4	80.6	80.6	80.8	81.0
GE 1500	71.2	78.6	80.9	82.3	83.0	83.2	83.8	84.1	84.2	84.4	84.4	84.4	84.6	84.6	84.7	84.9
GE 1200	71.9	80.2	82.8	84.4	85.2	85.4	86.0	86.5	86.6	86.8	86.8	86.8	87.0	87.0	87.1	87.3
GE 1000	71.9	81.0	83.7	85.5	86.3	86.6	87.3	87.7	88.0	88.2	88.2	88.2	88.4	88.4	88.5	88.7
GE 900	72.7	81.7	84.4	86.3	87.2	87.4	88.2	88.6	88.8	89.0	89.2	89.2	89.7	89.7	89.8	90.0
GE 800	72.5	82.4	85.2	87.3	88.2	88.4	89.1	89.6	89.8	90.1	90.3	90.3	90.8	90.8	90.9	91.1
GE 700	72.6	82.7	85.5	87.7	88.6	88.9	89.7	90.4	90.6	91.1	91.3	91.3	91.7	91.7	91.8	92.0
GE 600	73.0	83.4	86.2	88.6	89.6	89.9	90.6	91.4	91.6	92.3	92.6	92.6	93.2	93.2	93.3	93.5
GE 500	73.0	84.0	86.9	89.5	90.5	90.9	91.6	92.4	92.6	93.2	93.7	93.7	94.3	94.3	94.4	94.6
GE 400	73.0	84.4	87.4	90.4	91.5	91.9	92.7	93.4	93.7	94.3	94.7	94.7	95.4	95.4	95.5	95.7
GE 300	73.0	84.7	88.0	91.4	92.7	93.2	94.1	94.8	95.2	95.9	96.6	96.6	97.2	97.2	97.5	97.7
GE 200	73.0	84.7	88.0	91.5	92.9	93.4	94.5	95.3	95.6	96.5	97.1	97.1	97.8	98.0	98.7	98.9
GE 100	73.0	84.7	88.0	91.5	92.9	93.4	94.6	95.4	95.7	96.6	97.2	97.3	98.2	98.3	99.1	99.6
GE 0	73.0	84.7	88.0	91.5	92.9	93.4	94.6	95.4	95.7	96.6	97.2	97.3	98.2	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/FLTC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector Fld Fargo ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (EST): 2100-2300

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 7/16	GE 1/4	GE 1/8	
NO CEIL	43.9	46.1	46.2	46.6	46.9	46.8	46.8	47.1	47.1	47.1	47.2	47.2	47.5	47.6	47.8	48.0	
GE 2000	45.1	47.3	47.4	47.7	48.0	48.0	48.0	48.2	48.3	48.3	48.4	48.4	48.7	48.9	49.0	49.1	
GE 1800	45.4	47.7	47.8	48.2	48.4	48.4	48.4	48.6	48.7	48.7	48.8	48.8	49.1	49.2	49.5	49.6	
GE 1600	45.4	47.7	47.8	48.2	48.4	48.4	48.4	48.6	48.7	48.7	48.8	48.8	49.1	49.2	49.5	49.6	
GE 1400	46.2	48.6	48.7	49.0	49.2	49.2	49.2	49.5	49.6	49.6	49.7	49.7	50.0	50.1	50.3	50.4	
GE 1200	47.6	50.0	50.1	50.4	50.6	50.6	50.6	50.9	51.0	51.0	51.1	51.1	51.4	51.5	51.7	51.8	
GE 1000	51.6	54.1	54.2	54.5	54.7	54.7	54.7	54.9	55.1	55.1	55.2	55.2	55.5	55.6	55.8	55.9	
GE 900	52.4	54.8	54.9	55.3	55.5	55.5	55.5	55.7	55.8	55.8	55.9	55.9	56.2	56.3	56.6	56.7	
GE 800	53.5	56.2	56.3	56.7	56.9	56.9	56.9	57.1	57.2	57.2	57.3	57.3	57.6	57.7	58.0	58.1	
GE 700	55.4	58.3	58.4	58.7	58.9	58.9	58.9	59.1	59.2	59.2	59.4	59.4	59.7	59.8	60.0	60.1	
GE 600	56.6	59.8	59.9	60.3	60.5	60.5	60.5	60.8	60.9	60.9	61.0	61.0	61.3	61.4	61.6	61.7	
GE 500	58.6	62.3	62.5	62.9	63.2	63.2	63.2	63.5	63.7	63.7	63.8	63.8	64.1	64.2	64.4	64.5	
GE 450	60.0	64.0	64.2	64.7	65.1	65.1	65.1	65.4	65.5	65.5	65.6	65.6	65.9	66.0	66.2	66.3	
GE 400	60.9	65.2	65.6	66.1	66.5	66.5	66.5	66.8	66.9	66.9	67.0	67.0	67.3	67.4	67.6	67.7	
GE 350	62.2	66.8	67.3	67.8	68.2	68.2	68.2	68.5	68.6	68.6	68.7	68.7	69.0	69.1	69.4	69.5	
GE 300	63.7	68.7	69.5	70.0	70.3	70.3	70.3	70.6	70.8	70.8	70.9	70.9	71.2	71.3	71.5	71.6	
GE 250	66.7	72.5	73.3	74.2	74.7	74.7	74.7	74.9	75.3	75.4	75.4	75.5	75.8	75.9	76.1	76.2	
GE 200	68.5	75.1	75.9	76.8	77.3	77.3	77.5	77.8	78.0	78.0	78.1	78.1	78.4	78.5	78.7	78.8	
GE 180	69.4	76.0	76.9	77.7	78.3	78.4	78.6	78.9	79.0	79.0	79.1	79.1	79.5	79.6	79.8	79.9	
GE 150	71.4	78.7	79.5	81.1	81.6	81.7	82.0	82.4	82.5	82.5	82.6	82.6	82.9	83.0	83.2	83.3	
GE 120	73.0	80.6	82.4	83.9	84.4	84.5	84.8	85.2	85.3	85.3	85.4	85.4	85.7	85.8	86.0	86.1	
GE 100	73.6	82.0	84.2	85.7	86.3	86.5	86.9	87.2	87.3	87.3	87.4	87.4	87.7	87.8	88.1	88.2	
GE 90	74.0	82.5	84.7	86.2	86.9	87.0	87.4	87.7	88.1	88.1	88.3	88.3	88.6	88.7	88.9	89.0	
GE 80	74.1	82.9	85.0	87.4	88.2	88.3	89.0	89.4	89.7	89.7	90.0	90.0	90.5	90.4	90.6	90.8	
GE 70	74.3	83.3	86.2	88.2	88.9	89.0	89.8	90.1	90.4	90.5	90.9	90.9	91.2	91.3	91.5	91.6	
GE 60	74.9	84.2	87.1	89.0	89.9	90.1	90.9	91.2	91.5	91.7	92.0	92.0	92.4	92.5	92.7	92.8	
GE 50	75.1	84.5	87.4	89.4	90.2	90.4	91.3	91.7	92.2	92.4	92.7	92.7	93.1	93.4	93.5	93.7	
GE 40	75.1	84.5	87.5	89.5	90.4	90.9	91.9	92.4	92.9	93.0	93.8	93.8	94.1	94.2	94.7	94.8	
GE 30	75.1	84.5	87.7	90.1	91.2	91.6	92.8	93.4	94.0	94.4	95.2	95.2	95.5	95.6	96.2	96.3	
GE 20	75.1	84.6	87.8	90.2	91.5	92.0	93.4	94.3	94.8	95.5	96.5	96.6	97.1	97.5	98.4	98.5	
GE 10	75.1	84.6	87.8	90.2	91.5	92.0	93.4	94.3	94.8	95.6	96.6	96.7	97.5	98.2	99.1	99.4	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-84
MONTH: DEC HOURS(15): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	4
NO CEIL	41.7	44.4	44.9	45.2	45.5	45.6	45.7	45.8	45.8	45.9	46.0	46.1	46.1	46.1	46.3	46.3
CE 20000	44.5	47.6	48.1	48.5	48.8	48.9	49.1	49.3	49.4	49.5	49.6	49.6	49.7	49.5	49.9	50.1
CE 18000	44.9	48.1	48.6	49.0	49.2	49.3	49.5	49.7	49.8	49.9	50.0	50.0	50.1	50.2	50.2	50.3
CE 16000	44.9	48.1	48.6	49.0	49.3	49.4	49.6	49.7	49.8	49.9	50.0	50.0	50.1	50.2	50.2	50.3
CE 14000	45.6	48.8	49.3	49.7	50.0	50.1	50.3	50.5	50.6	50.7	50.8	50.8	50.9	50.9	51.1	51.3
CE 12000	46.4	49.6	50.1	50.6	50.9	51.0	51.2	51.4	51.4	51.6	51.6	51.6	51.8	51.8	52.0	52.1
CE 10000	49.1	52.7	53.3	53.7	54.1	54.2	54.4	54.6	54.7	54.8	54.9	54.9	55.1	55.1	55.2	55.4
CE 9000	50.7	54.0	54.6	55.1	55.5	55.6	55.8	56.0	56.1	56.2	56.3	56.3	56.5	56.5	56.7	56.9
CE 8000	51.9	55.8	56.4	57.0	57.3	57.5	57.7	57.9	58.0	58.1	58.2	58.2	58.4	58.4	58.5	58.7
CE 7000	53.6	57.8	58.4	58.9	59.4	59.5	59.8	60.0	60.1	60.2	60.3	60.3	60.4	60.5	60.6	60.7
CE 6000	54.5	58.9	59.5	60.1	60.5	60.7	61.0	61.1	61.2	61.4	61.5	61.5	61.6	61.7	61.9	62.0
CE 5000	56.8	61.2	61.8	62.4	62.9	63.0	63.4	63.6	63.6	63.8	63.9	63.9	64.1	64.1	64.2	64.4
CE 4500	57.4	62.2	62.9	63.6	64.1	64.2	64.5	64.8	64.9	65.0	65.1	65.1	65.3	65.3	65.5	65.6
CE 4000	58.5	63.6	64.4	65.1	65.6	65.8	66.2	66.5	66.5	66.7	66.8	66.8	67.0	67.0	67.1	67.3
CE 3500	59.9	64.7	65.5	66.2	66.8	67.0	67.4	67.6	67.7	67.9	68.0	68.0	68.2	68.2	68.3	68.5
CE 3000	60.9	66.6	67.5	68.3	68.9	69.2	69.6	69.9	70.0	70.2	70.3	70.3	70.5	70.5	70.6	70.8
CE 2500	63.5	69.6	70.7	71.6	72.5	72.8	73.5	73.9	74.0	74.2	74.3	74.3	74.4	74.5	74.6	74.8
CE 2000	65.2	72.0	73.2	74.3	75.3	75.7	76.3	76.8	76.9	77.2	77.3	77.3	77.4	77.5	77.6	77.8
CE 1800	66.2	73.2	74.5	75.7	76.7	77.1	77.8	78.3	78.4	78.7	78.9	78.9	79.0	79.1	79.1	79.3
CE 1600	67.9	75.5	76.9	78.3	79.3	79.7	80.5	81.1	81.2	81.6	81.8	81.8	81.9	82.0	82.1	82.3
CE 1400	69.1	77.2	78.9	80.5	81.6	82.1	83.0	83.7	83.8	84.3	84.5	84.5	84.7	84.7	84.9	85.1
CE 1200	69.7	78.4	80.2	81.9	83.2	83.6	84.4	85.2	85.4	86.3	86.6	86.6	86.8	86.8	87.0	87.2
CE 1000	70.0	79.3	81.1	82.9	84.3	84.7	85.9	86.7	87.1	87.6	87.9	87.9	88.2	88.2	88.4	88.6
CE 900	70.2	79.9	81.9	83.7	85.2	85.6	86.9	87.7	88.1	88.9	89.3	89.3	89.6	89.6	89.9	90.0
CE 800	70.5	80.7	82.9	84.7	86.3	86.9	88.1	89.2	89.6	90.2	90.6	90.6	91.0	91.1	91.3	91.4
CE 700	70.9	81.5	83.8	85.4	87.4	88.1	89.3	90.6	90.9	91.6	92.1	92.1	92.5	92.7	93.0	93.2
CE 600	71.0	81.8	84.2	86.4	88.1	89.0	90.7	91.4	91.7	92.8	93.4	93.4	93.9	94.1	94.5	94.7
CE 500	71.0	82.0	84.5	86.6	88.6	89.5	91.2	92.3	92.6	93.8	94.4	94.4	94.9	95.1	95.6	95.8
CE 400	71.0	82.1	84.6	87.1	89.2	90.1	91.7	93.1	93.4	94.8	95.6	95.6	96.3	96.4	96.9	97.3
CE 300	71.0	82.1	84.6	87.2	89.4	90.3	92.0	93.5	93.8	95.4	96.4	96.4	97.4	97.6	98.4	98.8
CE 200	71.0	82.1	84.6	87.2	89.4	90.3	92.0	93.5	93.8	95.5	96.6	96.6	97.8	98.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTON FLD FARGO ND PERIOD OF RECORD: 77-87
MONTH: ALL HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1/2	3/8	5/8	3/4	7/8	1	1 1/2	2	2 1/2	3	4	5	6	7	8
NO CEIL	49.7	51.4	51.7	52.0	52.1	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.6
GE 2000	54.8	56.8	57.2	57.4	57.6	57.7	57.8	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.1	58.2
GE 1800	55.0	57.1	57.4	57.6	57.8	57.9	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.3	58.3	58.4
GE 1600	55.1	57.1	57.4	57.7	57.9	57.9	58.0	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.4
GE 1400	55.7	57.8	58.1	58.4	58.6	58.6	58.7	58.8	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.1
GE 1200	56.4	58.9	59.2	59.5	59.7	59.7	59.9	59.9	60.0	60.0	60.1	60.1	60.2	60.2	60.2	60.3
GE 1000	60.2	62.6	63.8	63.2	63.4	63.5	63.6	63.7	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.1
GE 900	61.6	64.0	64.4	64.7	64.9	65.0	65.1	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.5	65.5
GE 800	63.2	65.8	66.2	66.5	66.7	66.8	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.3	67.4
GE 700	65.1	67.9	68.3	68.6	68.8	68.9	69.1	69.1	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.5
GE 600	66.2	69.1	69.6	69.9	70.1	70.2	70.4	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.8	70.8
GE 500	68.2	71.3	71.9	72.2	72.5	72.5	72.7	72.8	72.8	72.9	72.9	73.0	73.0	73.1	73.1	73.2
GE 400	69.4	72.7	73.5	73.7	73.9	74.0	74.2	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.6	74.6
GE 300	70.5	74.0	74.6	75.0	75.1	75.4	75.6	75.6	75.7	75.8	75.8	75.9	75.9	76.0	76.0	76.1
GE 200	71.7	75.4	76.0	76.4	76.7	76.8	77.0	77.1	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.6
GE 100	73.7	77.7	78.4	78.6	79.2	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.9	80.0	80.0
GE 2500	76.8	80.2	81.0	81.5	82.0	82.1	82.4	82.5	82.5	82.6	82.7	82.7	82.9	82.9	82.9	82.9
GE 2000	77.6	82.6	83.5	84.1	84.5	84.7	85.0	85.2	85.2	85.4	85.4	85.4	85.5	85.5	85.6	85.7
GE 1800	78.6	83.5	84.5	85.1	85.6	85.8	86.1	86.3	86.3	86.5	86.5	86.6	86.6	86.7	86.7	86.8
GE 1600	79.9	85.2	86.3	87.0	87.6	87.8	88.2	88.4	88.4	88.6	88.7	88.8	88.8	88.9	88.9	89.0
GE 1400	81.0	86.9	88.1	88.9	89.5	89.6	90.0	90.5	90.6	90.8	90.9	90.9	91.0	91.0	91.1	91.1
GE 1200	81.7	88.0	89.3	90.1	90.9	91.2	91.7	92.1	92.2	92.4	92.5	92.6	92.6	92.7	92.7	92.8
GE 1000	82.2	88.8	90.1	91.0	91.8	92.2	92.7	93.1	93.2	93.5	93.6	93.6	93.7	93.7	93.8	93.8
GE 900	82.4	89.2	90.6	91.6	92.5	92.9	93.5	93.9	94.0	94.3	94.4	94.5	94.6	94.7	94.7	94.8
GE 800	82.6	89.7	91.1	92.2	93.1	93.5	94.2	94.7	94.8	95.2	95.3	95.4	95.5	95.5	95.6	95.7
GE 700	82.8	90.2	91.7	92.9	93.9	94.4	95.1	95.7	95.8	96.2	96.4	96.4	96.6	96.6	96.7	96.8
GE 600	82.9	90.5	92.1	93.4	94.4	95.0	95.5	96.4	96.5	97.0	97.2	97.3	97.4	97.5	97.6	97.6
GE 500	82.9	90.6	92.3	93.6	94.8	95.3	96.2	96.9	97.0	97.6	97.8	97.9	98.1	98.1	98.2	98.3
GE 400	82.9	90.7	92.4	93.8	95.0	95.6	96.6	97.3	97.4	98.1	98.4	98.4	98.6	98.7	98.8	98.9
GE 300	82.9	90.7	92.4	93.8	95.0	95.6	96.6	97.4	97.6	98.3	98.7	98.7	99.1	99.1	99.3	99.5
GE 200	82.9	90.7	92.4	93.8	95.0	95.6	96.6	97.4	97.6	98.3	98.7	98.8	99.2	99.3	99.6	99.8
GE 100	82.9	90.7	92.4	93.8	95.0	95.6	96.6	97.4	97.6	98.3	98.7	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 87642

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: JAN

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	32.5			13.0							9.2	45.3	5.7	92
03-05	31.6			12.5							10.8	45.0	5.9	917
06-08	28.1			14.7							10.9	46.3	6.1	918
09-11	18.9			15.8							17.4	47.9	6.8	925
12-14	16.9			17.7							17.1	48.3	6.9	922
15-17	17.3			19.0							17.5	46.1	6.6	928
18-20	22.6			18.3							13.2	45.6	6.3	923
21-23	30.2			15.5							7.9	46.3	5.8	911
TOTALS	24.8			15.8							13.0	46.4	6.3	7370

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
 MONTH: FEB

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	28.2			12.4							10.8	48.6	6.2	836
03-05	25.4			13.6							11.2	47.9	6.4	840
06-08	19.8			16.0							14.5	49.6	6.7	847
09-11	15.0			15.6							13.5	55.7	7.3	835
12-14	13.0			16.7							15.9	54.5	7.4	839
15-17	9.7			21.8							18.1	51.4	7.4	843
18-20	12.9			22.1							15.2	49.8	7.0	847
21-23	23.5			19.0							11.2	46.3	6.2	843
TOTALS	18.4			17.1							13.6	52.7	6.8	6718

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND PERIOD OF RECORD: 78-87
 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	20.6			15.5							8.5	45.3	5.8	927
03-05	28.4			13.6							10.3	47.7	6.1	926
06-08	19.0			16.1							13.1	49.8	6.7	926
09-11	14.8			16.6							18.0	50.5	7.2	926
12-14	10.9			14.0							21.8	49.3	7.4	927
15-17	9.3			20.5							22.0	48.2	7.4	927
18-20	13.0			24.2							16.6	46.2	6.8	929
21-23	07.0			16.5							12.1	44.4	6.0	927
TOTALS	19.1			17.9							15.3	47.7	6.7	7417

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND PERIOD OF RECORD: 78-87
 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	28.5			16.4							10.0	35.1	4.9	898
03-05	34.2			17.9							12.5	35.4	5.2	897
06-08	23.3			22.8							16.0	37.9	5.9	898
09-11	19.6			22.4							18.5	39.6	6.3	894
12-14	14.9			16.9							21.9	44.2	7.0	898
15-17	14.6			10.4							24.3	44.6	7.1	896
18-20	12.7			22.9							23.6	40.2	6.9	900
21-23	09.3			21.9							14.6	34.2	5.4	900
TOTALS	23.3			20.1							17.7	39.0	6.1	7177

GLOBAL CLIMATOLOGY BRANCH
LSAF/LTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 79-87
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 /	33.3			18.6						13.5	34.5	5.2	930
03-05 /	24.6			21.9						18.6	34.9	5.8	924
06-08 /	15.9			22.5						22.7	36.9	6.6	929
09-11 /	15.2			20.5						23.5	40.8	6.8	924
12-14 /	9.1			26.0						24.7	40.3	7.0	928
15-17 /	9.7			23.3						26.5	40.6	7.1	927
18-20 /	10.6			26.5						23.9	36.9	6.8	927
21-23 /	21.7			28.5						18.8	31.1	5.7	927
TOTALS /	17.5			23.5						21.5	37.5	6.4	7421

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
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 /	24.3			24.9						17.3	31.5	5.3	848
03-05 /	18.5			27.3						21.3	32.9	6.0	841
06-08 /	15.9			25.0						24.4	34.7	6.4	907
09-11 /	14.8			24.4						24.4	36.0	6.6	900
12-14 /	6.4			27.9						32.6	33.1	7.1	907
15-17 /	7.2			34.0						31.0	29.7	6.7	899
18-20 /	9.2			30.2						22.1	24.5	6.2	844
21-23 /	16.5			36.1						21.8	25.8	5.6	847
TOTALS /	14.6			27.2						25.1	31.0	6.2	7181

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND PERIOD OF RECORD: 77-86
 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	35.9			23.9							16.6	73.6	4.6	928
03-05	28.1			26.6							21.0	28.4	5.0	730
06-08	16.0			29.6							24.1	29.0	5.9	728
09-11	14.4			32.3							26.4	26.9	6.0	929
12-14	7.7			40.0							32.2	20.1	6.1	930
15-17	8.5			45.3							30.4	15.8	5.7	920
18-20	13.5			44.6							26.8	15.1	5.3	930
21-23	22.6			36.0							23.1	19.3	5.0	930
TOTALS	18.6			35.1							25.1	21.3	5.5	7435

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND PERIOD OF RECORD: 77-86
 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	37.7			22.4							15.9	24.0	4.5	929
03-05	31.9			22.0							17.7	28.4	5.1	924
06-08	17.3			25.7							23.3	20.7	6.0	928
09-11	18.0			26.6							23.3	28.1	5.6	930
12-14	10.0			30.3							31.7	28.0	6.6	930
15-17	10.2			33.6							28.8	27.3	6.3	929
18-20	13.5			37.7							25.6	23.3	5.5	929
21-23	27.8			33.7							14.5	19.9	4.7	928
TOTALS	20.8			29.9							23.1	26.2	5.6	7427

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	40.2			16.2						11.8	31.7	4.7	856
03-05	39.2			16.8						12.7	31.3	4.8	845
06-08	19.1			23.2						23.1	34.5	6.2	899
09-11	18.3			20.7						22.6	38.4	6.5	900
12-14	12.0			23.7						24.0	40.3	6.9	900
15-17	12.8			29.3						22.1	35.8	6.4	900
18-20	17.9			29.0						21.8	31.3	6.0	900
21-23	32.7			24.0						11.8	31.6	4.9	900
TOTALS	24.0			22.9						18.7	34.4	5.8	7169

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	35.2			14.0						9.6	43.8	5.6	930
03-05	34.4			15.4						11.2	36.9	5.4	927
06-08	20.8			21.6						16.8	40.9	6.2	936
09-11	16.7			18.9						17.7	46.7	6.8	930
12-14	13.0			18.1						23.0	45.7	7.2	930
15-17	13.7			21.7						22.7	41.9	6.9	930
18-20	18.3			22.5						19.6	39.7	6.4	930
21-23	28.8			16.6						15.6	39.0	5.6	929
TOTALS	22.4			18.6						17.0	42.1	6.3	7436

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: NOV

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	27.8			14.1							10.5	60.6	6.3	852
03-05	26.7			11.6						10.1	51.6	6.4	874	
06-08	21.5			16.2						13.2	49.0	6.5	897	
09-11	14.0			18.9						14.6	52.5	7.1	895	
12-14	13.4			14.6						10.9	47.1	7.1	905	
15-17	13.1			17.7						10.3	49.9	7.3	901	
18-20	17.7			17.7						10.2	52.3	6.9	878	
21-23	24.2			12.9						10.2	52.7	6.6	892	
TOTALS	19.8			15.7						13.8	50.7	6.5	7104	

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: DEC

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	29.1			13.1							10.7	47.2	6.1	919
03-05	27.7			13.2						9.6	49.6	6.2	915	
06-08	21.9			16.6						12.2	49.0	6.5	927	
09-11	14.9			17.2						17.8	50.0	7.1	937	
12-14	13.9			18.4						15.8	51.3	7.2	924	
15-17	15.7			19.4						16.2	48.8	6.9	925	
18-20	23.8			15.8						11.6	48.8	6.1	927	
21-23	29.4			12.2						10.9	47.5	6.1	916	
TOTALS	22.1			16.3						13.1	48.6	6.5	7364	

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87
 MONTH: ALL

		PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL OBS
HOURS (LST)		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	24.8			15.8						15.0	46.4	6.3	7370
FEB		18.4			17.1						13.8	50.7	6.6	6719
MAR		19.1			17.9						15.3	47.7	6.7	7417
APR		23.3			20.1						17.7	39.0	6.1	7177
MAY		17.5			23.5						21.5	37.5	6.4	7420
JUN		14.6			29.2						25.1	31.0	6.2	7141
JUL		18.6			35.1						25.1	21.3	5.5	7435
AUG		20.8			29.9						23.1	26.2	5.6	7427
SEP		24.0			22.9						18.7	34.4	5.8	7155
OCT		22.4			18.6						17.0	42.1	6.3	7436
NOV		19.8			15.7						13.8	50.7	6.8	7164
DEC		22.1			10.3						13.1	43.6	6.5	7364
TOTALS		20.5			21.6						18.1	39.6	6.3	87324

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

THE MINIMUM TABLE ALSO INCLUDES A 33 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.

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/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 7.7530

STATION NAME: HELICOPTER FLD FARGO ND

PERIOD OF RECORD: 46-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
GE 10.1													0	
GE 11.1				.1			.4	1.4	.1				.2	
GE 12.1				.4	.4	.4	4.4	5.7	1.4				1.1	
GE 13.1				.5	2.2	0.5	10.5	16.5	4.2	.2			3.5	
GE 14.1				1.5	7.9	17.5	40.4	55.2	10.5	1.1			9.5	
GE 15.1				3.5	17.7	37.9	69.2	58.3	19.1	3.5			17.5	
GE 16.1				6.7	29.5	61.5	86.0	76.7	32.5	7.9			25.4	
GE 17.1				11.0	46.0	80.6	57.1	91.2	49.6	15.7	.4		32.7	
GE 18.1		.1	1.1	20.5	64.0	81.8	59.7	97.3	66.3	27.4	1.5		39.1	
GE 19.1		.7	5.7	32.5	77.6	57.8	59.5	99.5	82.1	42.8	4.4		44.5	
GE 20.1		1.1	10.5	44.7	87.7	59.5	100.0	100.0	92.1	56.4	9.2	.2	49.8	
GE 21.1	.1	1.1	10.5	59.2	94.4	99.8			97.0	73.2	15.0	.5	54.3	
GE 22.1	.5	2.7	17.2	72.6	97.0	100.0			99.4	83.5	25.3	1.9	58.4	
GE 23.1	1.9	5.5	29.5	83.9	99.7				100.0	93.5	39.1	6.5	63.3	
GE 24.1	7.1	15.9	49.3	91.7	99.9					97.5	55.9	15.0	69.4	
GE 25.1	13.2	31.9	66.5	97.7						99.8	73.2	28.0	76.2	
GE 26.1	21.5	45.7	77.6	99.2	100.0					100.0	84.1	43.3	81.4	
GE 27.1	40.4	59.6	70.5	99.8							90.6	55.4	85.8	
GE 28.1	51.0	67.7	90.7	100.0							95.5	66.0	87.6	
GE 29.1	51.0	77.3	90.9								97.7	79.0	92.6	
GE 30.1	71.5	85.8	99.2								96.8	80.4	95.4	
GE 31.1	71.1	93.9	99.7								99.3	93.2	97.4	
GE 32.1	91.5	97.7	99.9								100.0	97.4	98.5	
GE 33.1	100.0	99.1	100.0									99.6	99.5	
GE 34.1	99.8	100.0										99.8	99.8	
GE 35.1	99.8											100.0	100.0	
GE 36.1	100.0												100.0	
MEAN	1	14.3	21.2	32.0	43.2	60.2	76.6	82.7	91.2	89.6	57.0	36.5	30.7	51.2
SD	1	14.120	12.504	12.669	13.516	11.398	6.493	6.852	6.471	11.174	11.963	12.987	13.209	26.762
TOTAL OBS	1	1940	1190	1240	1200	1240	1170	1219	1229	1170	1209	1170	1209	14398

FEDERAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAL

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

STATION NUMBER: 77753

STATION NAME: VECTOR FLD FARGO ND

PERIOD OF RECORD: 46-67

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61								.1					.1
71							.4	.4					.8
77						1.0	4.1	3.1	.3				8.7
85					.5	6.7	19.0	15.9	2.4				34.6
87				.1	4.5	23.3	46.2	37.6	7.6	.4			100.0
91				.5	12.7	45.7	75.7	82.6	16.2	2.2			100.0
95				3.1	25.6	70.6	91.5	94.6	74.9	7.3	.3		100.0
99				8.7	46.6	77.9	98.1	94.4	55.5	15.1	.9		100.0
101		.1	1.1	20.2	66.7	96.6	99.8	99.3	77.7	31.6	2.6		100.0
103		.2	4.6	34.7	82.3	95.7	100.0	99.6	90.6	51.3	6.6	.1	100.0
105	.1	.7	6.6	45.1	86.6	99.9		100.0	94.0	60.1	10.6	.6	100.0
107	.3	3.3	17.3	62.5	94.0	100.0			97.0	74.1	20.2	1.7	100.0
109	1.9	6.6	33.6	83.1	98.4				99.4	84.6	37.4	6.6	100.0
111	6.2	17.8	47.2	93.1	100.0				99.9	96.4	55.4	15.2	100.0
113	11.1	25.0	57.3	96.5					100.0	98.8	70.2	26.1	100.0
115	19.4	36.5	68.6	98.7						99.8	83.9	36.4	100.0
117	29.2	45.5	78.5	99.4						100.0	88.6	49.4	100.0
119	40.6	55.9	86.7	99.6							93.0	60.4	100.0
121	51.6	67.3	92.0	99.9							96.8	70.5	100.0
123	62.3	77.3	95.6	100.0							98.3	80.1	100.0
125	73.9	86.6	96.5								99.1	81.1	100.0
127	85.6	93.5	99.4								99.7	90.2	100.0
129	93.7	97.9	99.6								100.0	96.6	100.0
131	98.4	99.7	99.9									99.8	100.0
133	99.9	100.0	100.0									100.0	100.0
135	100.0												100.0
MEAN	74.4	71.8	76.0	82.0	83.5	83.5	86.8	86.6	86.1	85.3	84.5	81.1	81.1
SL	14,411	15,463	13,702	9,616	9,216	7,439	6,457	7,210	8,873	9,110	12,075	15,689	24,031
TOTAL OPS	1240	1130	1240	1200	1240	1170	1239	1209	1170	1209	1170	1209	1476

GENERAL METEOROLOGY BRANCH
 WAFB/TAC
 AIR WEATHER SERVICE/PMO

EXTREME VALUES OF MAXIMUM TEMPERATURE
 (PERCENTILE CERTIFICATION)

STATION NUMBER: 71750 STATION NAME: HECTOR FLD, FARGO, ND

PERIOD OF RECORD: 1951-77

MONTHLY MAXIMUM TEMPERATURES
 (Fahrenheit)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	60% MONTH
56	77	75	80	75	80	88	91	95	95	88	78	70	70
58	80	78	81	80	85	94	95	101	98	88	78	70	70
59	77	78	81	80	87	95	98	97	91	80	70	65	65
61	78	78	83	78	85	93	97	98	88	78	68	60	60
62	80	80	85	80	85	95	97	97	95	85	75	65	65
63	78	80	85	78	85	95	97	98	88	78	68	60	60
64	78	80	85	78	85	95	97	98	88	78	68	60	60
65	78	80	85	78	85	95	97	98	88	78	68	60	60
66	78	80	85	78	85	95	97	98	88	78	68	60	60
67	78	80	85	78	85	95	97	98	88	78	68	60	60
68	78	80	85	78	85	95	97	98	88	78	68	60	60
69	78	80	85	78	85	95	97	98	88	78	68	60	60
70	78	80	85	78	85	95	97	98	88	78	68	60	60
71	78	80	85	78	85	95	97	98	88	78	68	60	60
72	78	80	85	78	85	95	97	98	88	78	68	60	60
73	78	80	85	78	85	95	97	98	88	78	68	60	60
74	78	80	85	78	85	95	97	98	88	78	68	60	60
75	78	80	85	78	85	95	97	98	88	78	68	60	60
76	78	80	85	78	85	95	97	98	88	78	68	60	60
77	78	80	85	78	85	95	97	98	88	78	68	60	60

NOTES: * CHANGED ON JULY 1 FROM FOUR MONTHS
 # (AT LEAST ONE DAY LESS THAN 24 HRS)

CONTINUE ON NEXT PAGE.....

FEDERAL BUREAU OF SURVEY
 WASHINGTON, D. C. 20540
 AIR WEATHER SERVICE/2260

EXTREME VALUES OF MAXIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 7 2121 STATION NAME: MOUNTAIN VIEW FLD

PERIOD OF RECORD: 1951-57

YEAR	MONTHS												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1951	25	27	37	71	95	97	98	96	95	79	75	75	88
1952	26	28	38	68	97	95	95	84	98	69	71	80	96
1953	29	31	51	70	97	91	100	93	92	61	56	80	100
1954	27	31	60	77	89	87	94	91	89	69	64	75	98
1955	30	35	45	63	87	81	94	100	90	69	51	70	100
1956	36	40	57	75	74	93	93	100	97	75	61	75	100
1957	40	45	57	71	90	87	95	100	98	76	60	75	100
1958	35	40	55	67	89	84	95	96	74	65	55	75	98
1959	48	50	76	77	94	93	91	97	77	70	60	80	98
1960	45	50	65	97	95								
MEAN	34.0	38.0	53.8	77.5	88.5	91.5	95.5	95.7	89.7	76.5	69.5	82.7	88.5
TOTAL	64151	74910	144947	82768	94927	90919	72971	91115	84751	64690	61777	67991	10008
TOTAL	1190	117	179	100	109	117	109	115	117	108	117	100	1430

NOTES: * YEAR END ON LAST YEAR FULL MONTHS
 * (AT LEAST ONE DAY EACH YEAR IN CASE)

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/PMO

EXTREME VALUES OF MINIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 727530 STATION NAME: FORT RILEY FARGO ND

PERIOD OF RECORD: 1897-1977

YEAR	MINIMUM TEMPERATURES (DEGREES FARENHEIT)												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
98	-34	-27	-24	1	36	47	55	47	47	16	7	-20	-28
99	-26	-24	-10	27	24	36	47	44	26	17	7	-17	-20
00	-32	-3	-21	10	30	37	40	37	40	21	-7	-24	-16
01	-36	-25	-16	27	31	39	42	44	25	5	-11	-22	-26
02	-32	-13	-21	21	26	43	44	44	32	11	-3	-24	-16
03	-17	-11	-6	9	25	33	47	51	32	24	4	-17	-17
04	-32	-20	-2	1	24	34	47	44	31	2	-7	-14	-16
05	-14	-16	-16	26	22	45	51	43	26	15	-11	-17	-17
06	-21	-26	-17	25	28	35	47	47	17	21	-5	-14	-14
07	-27	-19	-7	16	25	34	47	45	24	14	-1	-17	-17
08	-14	-15	-10	14	20	37	47	44	31	16	-10	-14	-14
09	-27	-14	-1	14	27	47	47	51	18	24	-2	-11	-14
10	-21	-17	-14	14	26	37	44	40	31	21	-11	-11	-14
11	-27	-11	-11	17	25	40	45	41	24	11	-5	-11	-14
12	-31	-14	-13	11	32	47	45	45	31	15	7	-12	-14
13	-17	-11	-16	8	21	40	47	40	34	14	-7	-16	-14
14	-20	-13	-11	14	31	34	45	32	24	14	-11	-14	-14
15	-25	-17	-14	20	37	47	47	40	14	11	-11	-17	-14
16	-17	-11	-14	11	21	31	44	44	24	17	-14	-11	-14
17	-27	-11	-14	17	21	36	51	47	24	11	-11	-11	-14
18	-33	-14	-11	11	35	36	41	36	36	24	-11	-11	-14
19	-17	-15	-15	17	24	31	41	41	31	14	-11	-11	-14
20	-32	-16	-7	14	26	41	41	41	31	11	-11	-11	-14
21	-17	-16	-7	17	31	47	34	41	27	14	-11	-11	-14
22	-17	-17	-14	17	27	36	41	34	34	11	-14	-11	-14
23	-11	-17	-14	11	21	37	41	47	24	16	-11	-11	-14
24	-17	-11	-14	11	17	41	40	41	27	14	-11	-11	-14
25	-14	-11	-11	11	21	41	47	44	34	14	-11	-11	-14
26	-14	-11	-11	11	21	41	47	40	27	7	-11	-11	-14
27	-14	-11	-11	11	21	41	47	41	37	14	-11	-11	-14

NOTES * DATED OR LESS THAN FULL MONTHS
 ** AT LEAST ONE DAY LESS THAN 24 CBS

CONTINUE ON NEXT PAGE

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY SERVICE
 AIR WEATHER SERVICE/NAIC

EXTREME VALUES OF MINIMUM TEMPERATURES
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 717121 STATION NAME: HECTOR FLD FARGO ND PERIOD OF RECORD: 1949-57

YEAR	RECORDS SET (FROM 1949-57)												ALL MONTHS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
49	24	24	24	24	33	37	47	47	47	34	21	24	24	24
50	20	20	20	20	25	37	41	47	35	17	24	24	24	24
51	24	24	24	24	24	37	47	47	28	17	24	24	24	24
52	24	24	24	24	24	24	37	47	32	17	24	24	24	24
53	24	24	24	24	24	24	37	47	27	17	24	24	24	24
54	24	24	24	24	24	24	37	47	24	17	24	24	24	24
55	24	24	24	24	24	24	37	47	24	17	24	24	24	24
56	24	24	24	24	24	24	37	47	24	17	24	24	24	24
57	24	24	24	24	24	24	37	47	24	17	24	24	24	24
MEAN	24.4	24.4	24.4	24.4	24.7	24.7	37.7	47.5	29.8	19.0	24.7	24.7	24.7	24.7
TOTAL	1097	1117	1297	1200	1290	1171	1229	1209	1177	1009	117	1229	1229	1229

NOTES: * (BASED ON LESS THAN FULL MONTHS)
 # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAF/FAO
 AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DED F FROM
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	6.3	12.2	24.6	36.9	51.3	58.6	64.9	62.5	52.6	41.5	26.1	10.7	37.5
	SD	15.371	16.264	12.285	9.865	9.594	7.737	6.222	7.327	9.358	8.605	13.362	14.572	23.127
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	5.3	11.1	23.6	36.3	48.1	56.0	62.2	59.6	50.2	39.5	23.9	10.2	35.6
	SD	15.652	16.580	12.452	9.292	9.666	7.626	6.480	7.368	9.459	8.571	13.174	14.703	22.501
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	4.6	10.4	23.0	37.5	50.9	59.3	64.9	60.9	50.6	39.0	22.9	9.5	36.2
	SD	15.809	16.677	12.697	9.614	9.529	6.820	5.681	6.997	9.115	8.449	13.005	14.706	23.567
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	6.6	13.3	27.2	45.8	60.0	67.0	73.2	69.7	58.7	45.6	26.6	11.1	40.2
	SD	15.572	16.221	12.340	11.909	10.751	7.263	6.083	7.274	9.634	8.609	13.334	14.338	25.470
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	11.1	18.0	31.4	51.7	65.6	71.8	76.9	75.7	65.0	51.4	31.6	15.2	47.5
	SD	15.118	15.283	12.460	13.471	11.567	8.050	6.610	8.272	11.206	10.547	14.634	14.311	26.875
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	12.3	19.7	33.1	51.7	67.2	73.3	80.4	77.3	66.7	52.7	32.0	15.6	48.9
	SD	14.421	14.747	12.394	13.837	11.576	8.307	6.600	8.599	11.770	10.464	14.850	14.306	26.464
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
18-20	MEAN	9.3	16.6	30.2	49.7	63.8	70.4	77.2	72.8	61.2	47.3	28.1	12.6	45.1
	SD	14.820	15.016	11.836	12.884	10.989	7.769	6.599	8.320	10.762	9.401	13.830	14.436	26.447
	TOT OPS	930	846	930	900	927	900	930	930	900	930	900	930	10953
21-23	MEAN	7.5	14.2	27.2	43.2	56.2	62.8	69.3	65.6	55.3	43.6	26.1	11.5	40.3
	SD	15.251	15.664	11.606	10.642	9.845	7.542	6.317	7.596	9.694	8.988	13.536	14.556	24.141
	TOT OPS	930	846	930	900	927	900	930	930	900	930	900	930	10953
ALL	MEAN	7.9	14.4	27.5	44.6	57.9	64.9	71.4	68.0	57.5	45.1	27.0	12.1	41.7
	SD	15.494	16.124	12.729	13.197	12.527	9.877	9.193	10.090	11.795	10.384	14.076	14.647	25.431
	TOT OPS	7440	6768	7440	7200	7434	7200	7440	7440	7200	7440	7200	7440	87642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-05	MEAN	5.7	11.5	23.4	35.2	45.7	54.1	60.8	58.1	49.0	36.4	23.5	10.1	34.7
	SD	15.035	15.832	11.780	7.963	8.688	7.050	5.737	6.935	8.512	7.747	12.570	14.285	21.516
	TOT OBS	929	846	930	900	930	900	930	930	900	930	900	930	10956
06-11	MEAN	4.7	10.5	22.4	33.4	43.8	52.6	59.2	56.5	47.4	37.1	22.5	9.0	33.4
	SD	15.377	16.185	11.993	7.855	9.071	7.253	6.057	7.137	8.737	7.779	12.491	14.451	21.317
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-17	MEAN	4.1	9.8	21.0	34.3	45.7	54.9	61.0	57.6	47.8	36.7	21.7	8.9	33.8
	SD	15.459	16.299	12.240	8.152	8.662	6.405	5.375	6.705	8.492	7.758	12.430	14.462	22.114
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	929	10956
18-23	MEAN	6.0	12.4	25.0	39.4	50.7	58.8	65.1	62.2	52.7	41.3	24.7	10.4	37.5
	SD	15.134	15.698	11.527	8.799	8.262	5.976	5.121	6.148	7.996	7.201	12.278	14.015	22.800
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
00-05	MEAN	10.0	16.5	28.2	42.5	53.0	60.6	66.9	64.1	55.4	44.7	28.2	13.5	40.4
	SD	14.386	14.395	11.024	8.952	8.040	6.048	5.321	6.308	8.070	7.571	12.472	13.613	22.009
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-11	MEAN	11.1	18.0	29.0	43.4	53.0	61.0	67.2	64.3	55.8	45.1	28.5	14.3	41.1
	SD	14.111	13.871	10.635	8.752	7.838	6.112	5.233	6.321	8.044	7.773	12.556	13.659	21.750
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-17	MEAN	8.5	15.4	27.0	41.4	51.9	59.9	66.2	62.8	53.4	42.1	25.8	11.7	39.0
	SD	14.358	14.416	10.773	8.613	7.929	6.272	5.376	6.464	8.210	7.833	12.440	14.099	22.227
	TOT OBS	930	846	929	900	927	900	930	930	900	930	900	930	10952
18-23	MEAN	6.9	13.4	25.3	37.9	48.4	56.6	63.1	60.0	50.4	39.8	24.2	10.7	36.5
	SD	14.670	15.200	11.000	8.105	8.298	6.681	5.579	6.883	8.314	7.936	12.474	14.257	21.754
	TOT OBS	926	846	930	900	927	900	930	930	900	930	900	930	10951
ALL HOURS	MEAN	7.1	13.4	25.4	38.4	49.1	57.3	63.7	60.7	51.5	40.6	24.9	11.2	37.1
	SD	14.992	15.498	11.685	9.142	9.060	7.146	6.189	7.219	8.853	8.264	12.669	14.219	22.115
	TOT OBS	7437	6768	7439	7200	7434	7200	7440	7440	7200	7440	7200	7439	87637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	-1.5	6.3	19.2	29.7	39.2	50.4	58.1	55.1	45.6	34.3	19.2	4.5	70.2
	SD	17.724	18.413	13.491	8.314	10.808	8.633	6.416	7.834	9.190	8.477	13.650	17.074	23.072
	TOT OPS	929	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	-1.5	5.4	16.3	28.7	38.7	49.7	57.0	54.2	44.7	33.5	18.5	4.1	29.4
	SD	18.148	18.764	13.761	8.227	10.751	7.922	6.447	7.785	9.231	8.357	13.631	17.275	23.088
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	-2.1	4.6	17.6	29.4	40.0	51.4	58.4	55.1	45.2	33.4	17.8	3.4	29.7
	SD	18.361	18.873	14.012	8.543	10.302	7.372	5.916	7.328	8.998	8.229	13.612	17.348	23.720
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	-1.5	7.0	19.6	30.9	41.4	52.6	60.0	57.1	47.5	36.0	19.9	4.6	31.5
	SD	17.889	18.162	13.324	9.201	10.737	7.721	6.576	7.604	8.947	7.820	13.286	16.850	23.620
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	3.0	17.4	21.7	31.1	41.1	52.4	59.6	66.6	47.4	36.7	21.6	7.2	32.5
	SD	16.918	16.479	12.392	9.384	11.095	8.408	7.473	8.442	9.816	8.548	12.923	16.275	22.337
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	4.1	11.8	22.0	31.0	40.0	51.9	59.0	55.9	46.7	36.3	21.8	7.6	32.6
	SD	16.643	15.961	11.963	9.254	11.372	8.741	7.688	8.694	10.086	9.037	12.929	16.453	21.745
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
18-20	MEAN	2.2	13.0	22.0	30.9	40.1	51.9	59.4	56.1	46.6	35.8	20.7	5.9	31.4
	SD	16.974	16.669	12.217	9.164	11.455	8.660	7.485	8.365	9.632	8.867	13.060	16.913	22.455
	TOT OPS	930	846	929	900	927	900	930	930	900	930	900	930	10956
21-23	MEAN	1.8	8.2	20.0	30.7	40.1	51.6	59.1	55.9	46.0	34.9	19.6	5.1	31.2
	SD	17.280	17.636	12.701	8.646	11.130	8.226	6.831	8.016	9.134	8.815	13.284	17.123	22.856
	TOT OPS	926	846	930	900	927	900	930	930	900	930	900	930	10956
ALL HOURS	MEAN	1.7	9.0	20.3	30.3	40.1	51.5	58.8	55.8	46.2	35.1	19.9	5.3	31.1
	SD	17.588	17.811	13.106	8.840	10.989	8.221	6.910	8.061	9.429	8.604	13.355	16.969	22.900
	TOT OPS	7437	6766	7439	7200	7434	7200	7440	7440	7440	7200	7440	7200	7439

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

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	100.0	100.0	100.0	100.0	98.5	63.1	56.7	34.9	11.9	73.9	924
	03-05	100.0	100.0	100.0	99.8	97.6	80.6	55.7	32.3	12.2	73.3	930
	06-08	100.0	100.0	100.0	100.0	98.4	81.7	54.7	32.9	12.2	73.4	930
	09-11	100.0	100.0	100.0	99.9	97.6	79.5	53.8	27.6	9.5	72.3	930
	12-14	100.0	100.0	100.0	100.0	95.6	75.9	45.9	18.1	4.7	69.6	930
	15-17	100.0	100.0	100.0	99.7	95.9	72.5	44.8	19.6	6.2	69.7	930
	18-20	100.0	100.0	100.0	100.0	98.7	81.0	56.1	28.8	8.4	72.7	930
	21-23	100.0	100.0	100.0	100.0	99.2	83.1	56.1	32.7	11.6	73.7	928
	TOTALS	100.0	100.0	100.0	99.9	97.7	79.7	53.0	28.4	9.6	72.3	7437

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLE FARGO ND

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	100.0	100.0	100.0	99.9	99.1	90.2	67.3	44.3	15.2	76.9	840
	03-05	100.0	100.0	100.0	100.0	99.5	91.0	64.9	44.6	16.5	77.2	840
	06-08	100.0	100.0	100.0	100.0	99.4	89.4	69.6	43.7	15.2	77.0	840
	09-11	100.0	100.0	100.0	100.0	99.5	87.7	65.4	38.2	11.0	75.6	840
	12-14	100.0	100.0	100.0	100.0	98.8	81.2	55.4	24.1	5.7	72.1	840
	15-17	100.0	100.0	100.0	99.9	97.0	77.9	54.8	24.8	6.3	71.6	840
	18-20	100.0	100.0	100.0	100.0	98.9	85.0	66.3	36.8	8.9	75.4	840
	21-23	100.0	100.0	100.0	100.0	99.8	90.1	67.4	42.4	13.8	76.8	840
	TOTALS	100.0	100.0	100.0	100.0	99.0	86.6	64.4	37.4	11.6	75.3	6768

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 72 30 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 72-27
 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	100.0	100.0	100.0	99.9	98.1	97.2	80.4	54.4	15.3	77.6	930
	03-05	100.0	100.0	100.0	100.0	98.4	93.3	80.8	59.1	16.3	80.3	930
	06-08	100.0	100.0	100.0	100.0	99.0	93.5	82.4	58.0	18.5	80.4	930
	09-11	100.0	100.0	100.0	95.7	95.1	85.1	62.3	35.9	10.1	74.3	930
	12-14	100.0	100.0	98.1	95.5	90.3	72.4	46.1	21.6	5.5	68.7	930
	15-17	100.0	100.0	96.9	94.4	88.5	69.1	44.2	20.9	5.1	67.5	930
	18-20	100.0	100.0	99.1	97.7	93.1	81.5	60.0	32.7	8.4	72.8	929
	21-23	100.0	100.0	100.0	99.8	97.3	90.0	76.3	46.7	12.2	77.7	930
	TOTALS	100.0	100.0	99.3	98.3	95.0	84.7	66.6	41.2	11.4	75.2	7435

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 76-87
MONTH: APR

MONTH	FOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	98.9	94.9	88.3	75.4	57.1	35.9	9.7	71.4	900
	03-05	100.0	100.0	100.0	97.9	93.7	83.4	68.2	42.8	13.3	75.4	900
	06-08	100.0	100.0	99.9	99.0	91.4	81.3	63.7	40.2	11.3	74.2	900
	09-11	100.0	99.2	92.8	81.1	65.2	47.9	30.1	14.9	4.2	59.3	900
	12-14	100.0	93.8	79.2	61.3	46.3	32.3	19.2	9.0	2.4	50.0	900
	15-17	99.9	89.9	74.3	55.8	38.8	28.1	16.0	8.1	2.7	47.1	900
	18-20	100.0	94.3	82.1	65.6	54.3	39.9	24.0	10.2	3.6	53.3	900
	21-23	100.0	99.7	95.1	88.2	76.2	61.3	42.8	23.1	5.7	64.8	900
TOTALS		100.0	97.1	90.3	81.0	69.3	56.1	40.1	23.0	6.5	61.9	7200

GLOBAL CLIMATOLOGY BRANCH
 USAF/DTIC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 75-87
 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	00-07	100.0	100.0	99.2	84.9	74.2	59.7	43.4	27.8	6.5	65.8	930
	08-05	100.0	100.0	100.0	98.2	86.9	71.0	55.6	37.1	8.7	71.6	930
	06-08	100.0	100.0	99.8	95.6	83.3	63.8	45.7	27.6	7.0	68.1	930
	09-11	100.0	99.0	87.7	68.5	52.5	35.7	23.0	12.2	2.8	53.7	930
	12-14	100.0	92.4	69.4	49.2	35.5	24.1	15.1	7.1	1.7	45.1	930
	15-17	100.0	89.7	61.7	43.1	30.1	21.4	14.3	6.6	2.3	42.4	930
	18-20	100.0	94.0	71.1	51.0	35.8	26.3	16.9	8.3	2.9	46.2	927
	21-23	100.0	99.7	93.1	75.8	59.5	44.7	31.2	18.2	4.2	58.2	927
	TOTALS	100.0	96.9	85.3	71.4	57.2	43.3	30.7	18.1	4.5	56.4	7434

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: JUN

MONTH	DAYS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.0	94.0	83.3	68.7	40.9	9.7	75.5	901
	03-05	100.0	100.0	100.0	99.9	98.0	91.9	61.0	57.8	15.0	90.3	901
	06-08	100.0	100.0	100.0	99.8	97.9	86.7	67.9	38.7	9.6	75.4	901
	09-11	100.0	100.0	99.0	92.6	73.3	48.6	26.9	14.6	2.8	61.6	901
	12-14	100.0	99.7	94.3	77.1	49.0	30.1	17.4	8.7	.9	53.0	901
	15-17	100.0	99.0	89.7	61.8	39.9	25.9	12.8	6.6	2.0	49.7	901
	18-20	100.0	99.4	94.6	76.2	54.7	34.3	18.9	6.6	1.9	54.3	901
	21-23	100.0	100.0	99.8	95.8	85.7	68.0	47.2	22.3	4.7	68.3	901
	TOTALS	100.0	99.8	97.2	87.2	74.1	58.7	42.6	24.5	5.8	64.8	7201

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-96
 MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NUM GRS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
JUL	00-02	100.0	100.0	100.0	100.0	99.7	94.1	76.5	47.6	12.7	78.9	931	
	03-05	100.0	100.0	100.0	100.0	100.0	98.7	89.8	64.6	20.0	63.4	931	
	06-08	100.0	100.0	100.0	100.0	99.5	96.2	80.4	48.4	13.2	79.9	931	
	09-11	100.0	100.0	100.0	96.9	85.3	59.9	32.0	13.2	2.8	64.6	931	
	12-14	100.0	100.0	97.2	80.1	53.7	25.6	13.0	4.8	1.1	53.2	931	
	15-17	100.0	99.6	93.5	70.5	42.4	19.7	7.3	2.2		49.0	931	
	18-20	100.0	99.8	97.5	85.6	61.9	33.9	17.0	6.2	.6	55.9	931	
	21-23	100.0	100.0	100.0	99.9	95.4	79.1	50.9	24.5	3.5	70.9	931	
	TOTALS	100.0	99.9	98.5	91.6	79.7	63.3	45.9	26.4	6.7	67.0	7440	

GLOBAL CLIMATOLOGY BRANCH
 LSAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727520 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-00	100.0	100.0	99.8	99.7	98.1	93.8	78.5	46.9	10.2	74.6	930
	03-05	100.0	100.0	100.0	99.7	99.4	97.0	90.6	65.6	18.9	83.3	930
	06-08	100.0	100.0	100.0	99.7	99.2	97.0	85.3	57.1	17.1	81.7	930
	09-11	100.0	100.0	99.7	96.8	85.4	60.8	35.8	17.0	3.4	65.5	930
	12-14	100.0	99.6	96.6	79.0	50.8	29.1	16.2	7.8	1.5	53.6	930
	15-17	100.0	96.4	94.1	67.3	38.6	23.7	12.4	5.1	.6	49.8	930
	18-20	100.0	95.8	96.9	86.7	64.7	39.6	22.8	9.1	1.1	57.7	930
	21-23	100.0	100.0	99.7	99.1	94.5	80.9	54.0	24.1	4.0	71.4	930
	TOTALS	100.0	99.7	98.4	91.0	78.8	65.3	49.5	29.1	7.1	67.7	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-91
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	96.8	89.1	74.7	47.9	15.1	78.3	90
	03-05	100.0	100.0	100.0	100.0	99.6	94.7	83.3	61.9	21.7	82.1	90
	06-08	100.0	100.0	100.0	100.0	99.9	96.4	84.7	59.7	23.7	83.1	90
	09-11	100.0	100.0	99.8	96.8	85.7	67.7	44.1	22.4	6.3	68.1	90
	12-14	100.0	99.7	92.7	76.3	56.6	38.9	24.2	13.0	4.0	56.2	90
	15-17	100.0	97.7	86.1	66.3	47.8	33.0	21.4	11.4	3.3	52.4	90
	18-20	100.0	100.0	96.8	84.2	68.7	51.3	34.2	17.3	4.3	61.6	90
	21-23	100.0	100.0	100.0	98.8	90.9	77.1	58.1	31.4	4.6	72.4	90
	TOTALS	100.0	99.6	96.9	90.4	80.8	68.6	53.1	33.2	10.6	69.2	720

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFM
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
 MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-00	100.0	100.0	100.0	99.5	95.7	86.9	73.5	44.2	14.1	76.8	930
	03-05	100.0	100.0	100.0	99.8	98.2	93.4	78.1	54.2	14.3	79.5	930
	06-08	100.0	100.0	100.0	100.0	98.7	96.8	83.4	57.3	19.6	80.8	930
	09-11	100.0	100.0	99.8	97.7	89.2	73.4	52.2	26.6	7.6	70.4	930
	12-14	100.0	99.8	96.1	81.4	65.6	43.3	26.5	14.3	4.9	59.0	930
	15-17	100.0	99.7	93.8	75.3	57.6	38.1	24.7	13.4	5.8	56.7	930
	18-20	100.0	99.9	98.6	94.1	81.8	64.0	41.0	20.3	6.7	65.3	930
	21-23	100.0	100.0	100.0	97.7	91.1	80.7	63.4	32.4	9.7	72.9	930
	TOTALS	100.0	99.9	98.5	91.8	84.7	72.0	54.6	32.8	10.8	70.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 707530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.8	98.7	93.1	77.8	48.4	15.7	75.7	40
	03-05	100.0	100.0	100.0	99.9	99.2	96.6	81.0	52.8	16.6	80.0	40
	06-08	100.0	100.0	100.0	100.0	100.0	98.6	85.3	55.4	19.8	80.9	40
	09-11	100.0	100.0	100.0	99.3	97.2	89.6	69.8	41.0	13.3	76.6	40
	12-14	100.0	100.0	99.2	94.3	87.2	70.7	48.4	25.1	7.0	68.4	40
	15-17	100.0	100.0	98.0	93.2	84.7	69.9	49.1	24.9	5.3	63.1	40
	18-20	100.0	100.0	99.8	98.8	94.0	84.2	68.4	39.4	10.0	74.8	40
	21-23	100.0	100.0	100.0	99.3	97.2	90.4	72.1	44.3	12.9	77.0	40
	TOTALS	100.0	100.0	99.5	98.1	94.8	86.4	68.6	41.4	12.4	75.6	700

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD, FARGO ND

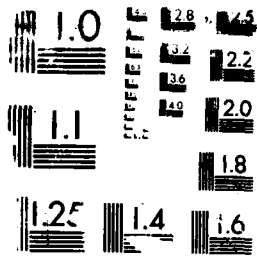
PERIOD OF RECORD: 77-86
 MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN [RELATIVE HUMIDITY]	TOTAL HOURS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
DEC	00-00	100.0	100.0	100.0	100.0	96.9	84.6	65.5	39.2	16.7	76.0	930	
	03-05	100.0	100.0	100.0	99.6	97.1	84.7	65.6	41.9	18.8	76.1	930	
	06-08	100.0	100.0	100.0	99.7	96.7	84.5	65.2	41.4	17.2	76.0	930	
	09-11	100.0	100.0	100.0	99.8	97.0	83.4	63.2	36.6	16.0	75.0	930	
	12-14	100.0	100.0	100.0	97.9	94.3	75.0	55.5	24.9	10.2	71.0	930	
	15-17	100.0	100.0	100.0	95.5	91.9	73.9	54.2	24.2	9.9	70.7	930	
	18-20	100.0	100.0	100.0	100.0	97.0	81.7	62.9	35.8	13.7	74.6	930	
	21-23	100.0	100.0	100.0	100.0	97.0	82.6	64.8	38.2	15.9	75.6	930	
	TOTALS	100.0	100.0	100.0	99.8	96.0	81.2	61.5	35.3	14.6	74.4	930	

AD-A188 328 HECIOR FIELD FARGO NORTH DAKOTA REVISED UNIFORM SUMMARY 4/4
OF SURFACE HEATHE. (U) AIR FORCE ENVIRONMENTAL
UNCLASSIFIED TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 87 F/G 4/2 NL
USAFETAC/DS-87/881



END
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RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87
 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	100.0	99.9	97.7	79.7	53.0	28.4	9.6	72.3	7437	
FEB		100.0	100.0	100.0	100.0	99.0	86.6	64.4	37.4	11.6	75.3	6766	
MAR		100.0	100.0	99.3	96.3	95.0	84.7	66.6	41.2	11.4	75.2	7439	
APR		100.0	97.1	90.3	81.0	69.3	56.1	40.1	23.0	6.5	61.9	7201	
MAY		100.0	96.9	85.3	71.4	57.2	43.3	30.7	18.1	4.5	56.4	7434	
JUN		100.0	99.8	97.2	87.2	74.1	58.7	42.6	24.5	5.8	64.8	7201	
JUL		100.0	99.9	96.5	91.6	79.7	63.3	45.9	26.4	6.7	67.0	7440	
AUG		100.0	99.7	98.4	91.0	78.8	65.3	49.5	29.1	7.1	67.7	7440	
SEP		100.0	99.6	96.9	90.4	80.8	68.6	53.1	33.2	10.6	69.2	7201	
OCT		100.0	99.9	98.5	93.8	84.7	72.0	54.6	32.8	10.8	70.3	7440	
NOV		100.0	100.0	99.5	98.1	94.8	86.4	68.6	41.4	12.4	75.6	7201	
DEC		100.0	100.0	100.0	99.8	96.0	81.2	61.5	35.3	14.8	74.4	7435	
TOTALS		100.0	99.4	97.0	91.9	83.9	70.5	52.6	30.9	9.3	69.2	87637	

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	FFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

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: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	29.137	29.125	29.046	28.994	28.955	28.931	28.964	28.988	29.030	29.009	29.057	29.079	29.023
	SD	.283	.256	.237	.226	.197	.170	.156	.160	.214	.228	.274	.299	.238
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	29.134	29.121	29.032	28.989	28.951	28.922	28.957	28.984	28.996	29.008	29.050	29.076	29.018
	SD	.283	.258	.242	.229	.203	.173	.158	.160	.217	.227	.278	.300	.240
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	29.132	29.122	29.035	29.003	28.970	28.940	28.977	29.000	29.078	29.017	29.050	29.075	29.027
	SD	.283	.262	.246	.235	.206	.179	.159	.162	.220	.228	.285	.302	.241
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	29.142	29.132	29.049	29.013	28.978	28.946	28.984	29.007	29.018	29.031	29.062	29.088	29.037
	SD	.283	.265	.253	.240	.207	.182	.161	.164	.223	.229	.286	.297	.243
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	29.150	29.140	29.054	29.007	28.965	28.941	28.981	28.999	29.010	29.027	29.060	29.094	29.035
	SD	.285	.266	.253	.236	.205	.180	.158	.165	.225	.231	.285	.297	.244
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	29.113	29.105	29.026	28.975	28.931	28.919	28.956	28.971	28.976	28.993	29.031	29.066	29.005
	SD	.283	.262	.246	.226	.199	.172	.156	.160	.221	.227	.276	.294	.239
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	29.128	29.115	29.029	28.969	28.919	28.908	28.941	28.959	28.974	28.999	29.046	29.082	29.005
	SD	.277	.256	.236	.222	.195	.169	.153	.158	.215	.226	.268	.291	.237
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
21	MEAN	29.127	29.122	29.040	28.987	28.934	28.918	28.949	28.973	28.994	29.008	29.050	29.082	29.015
	SD	.284	.252	.231	.221	.192	.164	.151	.158	.212	.228	.269	.291	.235
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	29.133	29.123	29.039	28.992	28.951	28.928	28.964	28.985	28.997	29.011	29.051	29.080	29.021
	SD	.283	.260	.243	.230	.201	.174	.157	.162	.219	.228	.278	.296	.240
	TOT OBS	2480	2256	2480	2400	2478	2400	2480	2480	2400	2480	2400	2480	29214

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN HGS FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 72753C STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	1021.7	1021.0	1017.6	1015.1	1013.3	1012.1	1013.1	1014.0	1014.8	1015.6	1018.0	1019.5	1016.3
	SD	10.420	9.433	8.545	8.086	7.046	6.048	5.544	5.691	7.689	8.064	9.859	10.857	8.813
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	1021.7	1020.9	1017.2	1015.0	1013.2	1011.9	1013.0	1014.0	1014.8	1015.6	1017.8	1019.4	1016.2
	SD	10.401	9.509	8.761	8.172	7.256	6.145	5.635	5.713	7.816	8.065	10.014	10.943	8.903
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	1021.6	1020.9	1017.2	1015.5	1013.8	1012.5	1013.5	1014.5	1015.1	1015.9	1017.8	1019.4	1016.5
	SD	10.382	9.608	8.968	8.368	7.343	6.365	5.660	5.777	7.889	8.118	10.250	11.004	8.919
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	1022.1	1021.4	1017.9	1015.9	1014.2	1012.8	1013.9	1014.8	1015.6	1016.5	1018.4	1020.0	1016.9
	SD	10.401	9.784	9.160	8.513	7.384	6.480	5.715	5.859	7.982	8.190	10.321	10.898	9.014
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	1022.2	1021.5	1017.9	1015.5	1013.6	1012.5	1013.7	1014.4	1015.1	1016.2	1018.1	1020.0	1016.7
	SD	10.452	9.785	9.099	8.378	7.312	6.358	5.608	5.851	8.038	8.195	10.242	10.842	9.034
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	1020.9	1020.4	1017.4	1014.5	1012.5	1011.9	1012.9	1013.5	1014.0	1015.1	1017.1	1019.1	1015.7
	SD	10.371	9.607	8.898	8.071	7.122	6.115	5.563	5.721	7.925	8.078	9.970	10.730	8.653
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	1021.4	1020.7	1017.0	1014.3	1012.0	1011.4	1012.3	1013.1	1013.9	1015.3	1017.7	1019.6	1015.7
	SD	10.216	9.381	8.534	7.902	6.994	5.955	5.466	5.618	7.716	8.038	9.664	10.607	8.820
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
21	MEAN	1021.6	1021.1	1017.6	1015.0	1012.6	1011.8	1012.7	1013.6	1014.8	1015.7	1018.0	1019.8	1016.2
	SD	10.396	9.338	8.356	7.888	6.887	5.806	5.373	5.597	7.603	8.125	9.717	10.662	8.761
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	1021.6	1021.0	1017.4	1015.1	1013.2	1012.1	1013.1	1014.0	1014.8	1015.7	1017.9	1019.6	1016.3
	SD	10.372	9.548	8.789	8.179	7.191	6.168	5.586	5.747	7.839	8.109	9.998	10.807	8.898
	TOT OBS	2480	2256	2480	2400	2478	2400	2480	2480	2480	2400	2480	2400	2480

END

DATE
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