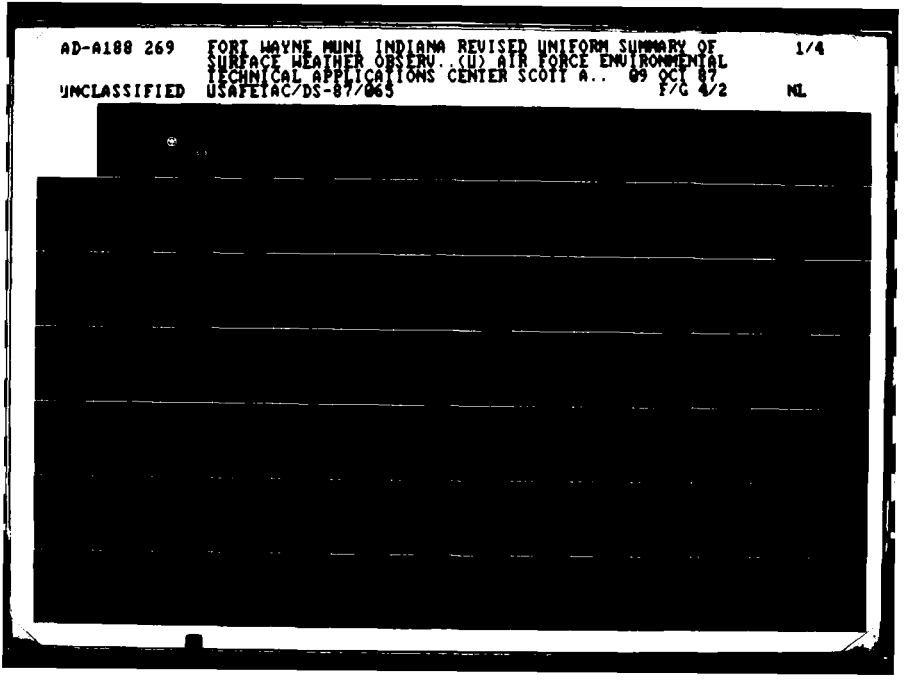
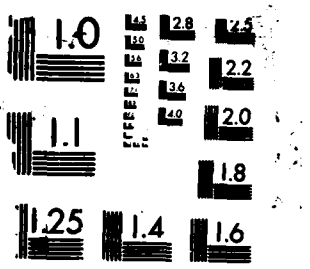
AD-A188 269 FORT WAYNE MUNI INDIANA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERV..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 09 OCT 87 1/4

UNCLASSIFIED USAFETAC/DS-87/065 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART

DTIC FILE COPY

AD-A188 269

USIN 725330

USAFETAC/DS-87/065

OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)

29 OCT

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FT WAYNE MUNI IN MSC #725330
N 40 59 W 085 11 ELEV:801 FT KFWA

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

"Approved for public release;
Distribution is Unlimited."

FEDERAL BUILDING

ASHEVILLE, N.C. 28801 - 2723

DTIC
ELECTE
NOV 25 1987
S D
E

This document has been approved for public release and sale; its distribution is unlimited.

87 11

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-87/065 Ft Wayne Muni IN (RUSSWO) Oct 1987, is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific and Technical Information Program Manager

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-87/065.

5. **Monitoring Organization Report Number:** USAFETAC/DS-87/065.

6a. **Name of Performing Organization:** USAFETAC/OL-A
6b. **Office Symbol:**
6c. **Address:** Federal Building, Asheville, NC 28801-2723.

11 **Title:** (RUSSWO) Ft Wayne Muni IN.

12 **Personal Author(s):**

13a **Type of Report:** Data Summary
13b **Time Covered:** Jan 48-May 87.

14 **Date of Report:** Oct 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); Ft Wayne Muni IN; Smith-Baer Field Airport; Smith Field Airport;Baer Field Airport; Indiana; USIN725330.

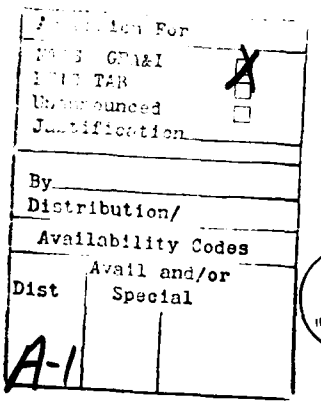
19 **Abstract:** A six-part statistical data summary of surface weather observations for: Ft Wayne Muni IN. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, 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.

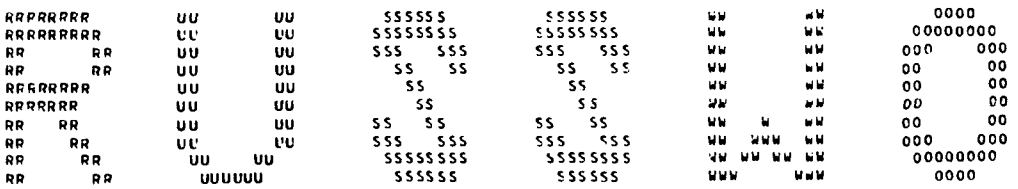
20 **Distribution/Availability of Abstract:** Same as report.

21 **Abstract Security Classification:** UNCLASSIFIED.

22a **Name of Responsible Individual:** Marianne L. Cavanaugh
22b **Telephone:** (618)256-2625
22c **Office Symbol:** USAFETAC/LDD

DD FORM 1473 **UNCLASSIFIED**





STATION NAME: FT WAYNE MUNI IN

STATION NUMBER: 725330

CALL ID: KFWA

PERIOD OF RECORD:

HOURLY OBSERVATIONS: JUN 77 - MAY 87

HOURS SUMMARIZED: 0000-2300 LST

SUMMARY OF DAY DATA: JAN 48 - MAY 87

TIME CONVERSION LST TO GMT: +5

DATE PRODUCED: 09 OCT 1987

OL-A/USAFETAC/MAC/AWS
ASHEVILLE NC 28801

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 1C/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: PRECEEDING 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).

TABLE OF CONTENTS

STATION HISTORY

PART A: WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART B: PRECIPITATION, SNOWFALL, AND SNOW DEPTH SUMMARIES

PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

AWSPSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 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	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WBO NUMBER
725330	Fort Wayne Muni, IN/Baer Fld	41 00 N	085 12 W	801 ft	FWA	72533

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO.	
1	Smith-Baer, Fld Apt	COOP	24 Aug31	01 Aug39	41 10 N	085 08 W	-----	----	24
2	Smith Fld Apt, Admin Bldg	WBAS	01 Aug39	05 Apr41	Same	Same	828 ft	830 ft	24
3	Ft Wayne, Smith Fld	Same	05 Apr41	16 Dec46	Same	Same	857 ft	Same	24
4	baer Fld Apt, Bldg 27	Same	16 Dec46	13 Mar51	41 00 N	085 12 W	828 ft	805 ft	24
5	Ft Wayne/Baer Fld	Same	13 Mar51	Dec 68	41 00 N	085 12 W	Same	Same	24
6	Same	WBO	Dec 68	Dec 69	Same	Same	Same	Same	24
7	SAME	WBO	Jan 70	Feb 81	Same	Same	828 ft	NA	24
8	Same	Same	Mar 81	Nov 81	Same	Same	827 ft	NA	24
9	Same	Same	Dec 81	May 87	Same	Same	801 ft	NA	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	
	25 Sep61	OVRSOD VOR Bldg approximately 1400 ft SSE of intersection of NE-SW & NW-SE runways	F420B	NA	20 ft	Date commissioned
	Dec 66	OVR SOD VORTAC Bldg	F420B	NA	20 ft	
	27 Oct71	OVR SOD VORTAC Bldg approximately 1400 ft SSE of the intersection of NE-SW runways	F420B	F312		Gust recorder(date commissioned)

USAFETAC FORM NOV 73 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CONTINUED ON REVERSE SIDE

```
PPPPPPPP      AAAAAA      RRRRRRRR      TTTTTTTTTT      AAAAAA
PPPPPPPPP    AAAAAAAA     RRRRRRRRR     TTTTTTTTTT     AAAAAAAA
PP      PP   AA      AA    RR      RR        TT        AA      AA
PP      PP   AA      AA    RR      RR        TT        AA      AA
PPPPPPPPP    AA      AA    RRRRRRRRR         TT        AA      AA
PPPPPPPP     AAAAAAAAAA    RRRRRRRR          TT        AAAAAAAAAA
PP           AAAAAAAAAA    RR    RR          TT        AAAAAAAAAA
PP           AA      AA    RR     RR         TT        AA      AA
PP           AA      AA    RR      RR        TT        AA      AA
PP           AA      AA    RR       RR       TT        AA      AA
```

WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

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

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
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: JAN

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
00-02		4.4	.5	22.0		26.8	20.5	3.1	2.2		25.8	930
03-05		4.6	1.0	24.0		28.4	22.5	2.6	2.6		27.6	930
06-08	.1	3.1	1.7	22.3		26.0	22.9	4.4	2.6		29.7	930
09-11		2.5	1.6	21.2		25.2	24.3	11.8	3.8		39.4	930
12-14		2.3	.4	19.6		22.0	18.1	14.6	3.6		35.6	930
15-17		3.1	.4	19.1		22.3	13.7	13.2	3.4		30.4	930
18-20	.1	3.3	1.1	21.4		25.1	15.6	8.9	2.7		27.0	930
21-23		4.1	1.9	23.0		28.0	16.1	3.9	1.9		21.9	930
TOTALS	.0	3.4	1.1	21.6		25.5	19.2	7.8	2.9		29.7	7440

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: FEB

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
00-02	.4	5.6	.9	13.0		18.6	23.6	5.4	.9		30.0	846
03-05	.2	4.4	.8	14.4		18.8	28.0	6.7	1.3		35.9	846
06-08	.1	4.6	.8	14.3		19.6	32.6	9.5	1.1		42.3	846
09-11		4.7	.2	17.1		22.1	32.2	17.4	1.3		50.1	846
12-14		4.3	.5	13.6		18.2	20.1	21.7	1.7		43.1	846
15-17		5.4	.7	11.6		17.5	16.3	18.7	2.6		37.2	846
18-20		7.0	1.2	10.8		18.0	18.7	10.2	2.5		31.3	846
21-23		6.5	.6	11.6		18.2	23.9	6.6	1.9		29.3	846
TOTALS	.1	5.3	.7	13.3		18.9	24.1	12.0	1.7		37.4	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 78-87
MONTH: MAR

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
00-02	.5	8.9	1.0	8.9		18.2	17.7	3.1	.4	.1	20.6	930
03-05	.2	8.7	.6	9.1		17.4	19.9	3.1	.2		22.6	930
06-08	.1	9.6	.5	8.1		17.8	24.0	7.3	.2		31.2	930
09-11		8.6	.6	6.0		15.2	19.9	14.5	.3		34.1	930
12-14	.1	9.6		5.7		14.7	13.4	11.4	.2		24.7	930
15-17	.5	8.3	.1	7.0		15.1	11.7	9.5	.2		21.2	930
18-20	.6	10.2	.5	7.5		17.7	13.3	7.7			20.8	930
21-23	.3	11.7	.6	8.4		19.8	13.9	4.7			18.4	930
TOTALS	.3	9.5	.5	7.6		17.0	16.7	7.7	.2	.0	24.2	7440

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 78-87
MONTH: APR

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
00-02	1.0	11.1		3.1		13.7	6.7	1.0	.3		10.0	900
03-05	.7	11.6	.1	2.9		13.8	15.0	.8	.3		16.1	900
06-08		12.4		2.6		14.9	21.9	4.3	.1	.1	25.9	900
09-11	.4	11.9		2.4		14.1	12.7	9.6			21.9	900
12-14	.2	10.9		2.6		13.0	6.1	8.1		.2	14.2	900
15-17	1.1	12.2	.1	2.0		14.3	5.8	6.9	.1	.3	12.9	900
18-20	.9	14.9		2.4		17.8	7.4	5.1	.3	.2	13.3	900
21-23	.3	12.0		2.3	.1	13.9	9.1	3.0	.3		12.0	900
TOTALS	.6	12.1	.0	2.5	.0	14.3	10.8	4.9	.2	.1	15.8	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAY

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
00-02	1.1	9.4				9.4	18.1	3.3		.1	21.2	930
03-05	1.4	10.3				10.3	23.9	3.4			26.9	930
06-08	.1	10.6				10.8	27.7	8.6			35.6	930
09-11	.2	11.4				11.4	13.3	14.4			27.4	930
12-14	.4	10.6				10.6	8.2	10.5			18.3	930
15-17	1.1	10.3				10.3	5.4	9.1		.1	14.3	930
18-20	1.9	12.2				12.2	6.5	10.7		.3	17.0	928
21-23	1.1	10.9				10.9	12.3	4.4			16.0	927
TOTALS	.9	10.8				10.8	14.4	8.1		.1	22.1	7435

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: JUN

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
00-02	1.3	4.9				4.9	8.6	7.6			15.8	900
03-05	.8	5.8				5.8	17.2	8.7			25.3	900
06-08	.7	6.2				6.2	20.0	15.1			34.7	900
09-11	1.1	6.7				6.7	8.0	17.2			24.7	900
12-14	1.0	4.9				4.9	3.4	14.1			17.6	900
15-17	2.2	6.6				6.6	2.6	15.7			18.2	900
18-20	1.8	6.2				6.2	3.3	15.7			18.7	900
21-23	2.0	4.7				4.7	4.7	10.2			14.7	900
TOTALS	1.4	5.7				5.7	8.5	13.0			21.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: JUL

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
00-02	.9	4.6				4.0	13.2	13.9			26.3	930
03-05	1.9	4.2				4.2	23.2	11.2			33.3	930
06-08	.3	5.4				5.4	29.5	20.2			47.3	930
09-11	.3	6.3				6.3	9.5	26.6			34.4	930
12-14	1.4	7.0				7.0	3.3	20.6			23.7	930
15-17	1.2	5.6			.1	5.6	3.2	19.6			22.7	930
18-20	1.5	4.4				4.4	3.0	20.6			23.3	930
21-23	1.5	3.8				3.8	5.4	18.2			23.1	930
TOTALS	1.1	5.1			.0	5.1	11.3	18.8			29.3	7440

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: AUG

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
00-02	1.3	4.5				4.5	22.6	12.8			34.3	930
03-05	1.6	5.6				5.6	35.8	11.3			45.6	930
06-08	1.1	6.2				6.2	50.8	12.2			61.0	930
09-11	.6	6.0				6.0	20.6	28.7			46.3	930
12-14	.5	5.6				5.6	5.5	29.0			33.5	930
15-17	1.1	5.3				5.3	1.5	28.3			29.6	930
18-20	1.5	5.7				5.7	3.0	25.7			27.7	930
21-23	1.5	4.6				4.6	11.1	18.3			27.4	930
TOTALS	1.2	5.4				5.4	14.9	20.6			36.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: SEP

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
00-02	.7	5.7				5.7	16.6	7.1			22.6	900
03-05	1.1	5.4				5.4	28.8	5.4			32.4	900
06-08	.4	6.0				6.0	42.0	7.9			48.1	900
09-11	.4	6.9				6.9	20.7	17.3			36.1	900
12-14	.1	3.6				3.6	6.4	16.6			22.8	900
15-17	.6	4.8				4.8	3.7	16.4			20.1	900
18-20	1.0	6.0				6.0	4.2	12.7			16.9	900
21-23	.9	5.3				5.3	6.6	9.7			15.6	900
TOTALS	.7	5.5				5.5	16.1	11.6			26.9	7200

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: OCT

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
00-02	.1	9.2		.1		9.4	17.3	3.2		.1	19.8	930
03-05	.5	8.6				8.6	22.3	2.3			24.2	930
06-08	.2	12.0		.1		12.2	21.6	3.9			24.4	930
09-11	.1	8.5				8.5	22.7	11.0			32.7	930
12-14	.1	7.5				7.5	11.3	10.3			21.3	930
15-17	.2	9.4		.2		9.6	9.1	8.2			17.2	930
18-20	.2	9.7		.3		10.0	10.8	6.9			17.2	930
21-23	.6	9.8		.5		10.0	13.9	3.8			17.5	930
TOTALS	.3	9.3		.2		9.5	17.3	6.2		.0	23.0	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: NOV

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
00-02	.2	11.9	.2	4.0		15.9	19.3	3.6			22.4	900
03-05		12.4	.8	4.9		16.3	20.3	2.7			22.6	900
06-08	.1	12.8	.1	7.0		18.9	27.1	4.6			31.3	900
09-11		14.3	.1	3.9		17.9	26.3	13.2		.1	38.8	900
12-14	.2	11.8	.1	3.1		14.4	16.8	11.4			27.2	900
15-17		10.2		4.6		14.6	14.6	10.0			24.0	900
18-20	.2	9.8	.2	4.6		13.9	14.8	4.6			18.7	900
21-23	.2	12.1		5.3		16.8	17.4	2.7			19.7	900
TOTALS	.1	11.9	.2	4.7		16.1	19.6	6.6		.0	25.6	7200

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: DEC

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
00-02		10.5	1.9	9.6		21.5	25.5	2.2	.5		28.1	930
03-05	.1	11.8	.8	11.2		23.3	28.6	1.4	.3		30.3	930
06-08		10.5	.6	11.4		22.6	30.0	1.7	.9		32.5	930
09-11		11.3	.6	14.4		25.8	30.6	5.7	1.4		37.4	930
12-14		9.6	.6	15.4	.1	24.6	25.3	8.0	2.2		35.2	930
15-17		9.6	.1	13.1		22.5	21.8	8.3	1.8		31.5	930
18-20		11.6	1.0	9.7		21.3	23.4	3.6	1.5		28.4	930
21-23		10.4	1.7	10.2		22.0	24.6	3.4	.9		28.6	930
TOTALS	.0	10.5	.9	11.9	.0	23..	26.2	4.3	1.2		31.5	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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	.0	3.4	1.1	21.0		25.5	19.2	7.8	2.9		29.7	7440
FEB		.1	5.3	.7	13.3		18.9	24.1	12.0	1.7		37.4	6768
MAR		.3	9.5	.5	7.6		17.0	16.7	7.7	.2	.0	24.2	7440
APR		.6	12.1	.0	2.5	.0	14.3	10.8	4.9	.2	.1	15.6	7200
MAY		.9	10.6				10.8	14.4	8.1		.1	22.1	7435
JUN		1.4	5.7				5.7	8.5	13.0			21.2	7200
JUL		1.1	5.1			.0	5.1	11.3	18.8			29.3	7440
AUG		1.2	5.4				5.4	18.9	20.8			38.2	7440
SEP		.7	5.5				5.5	16.1	11.6			26.9	7200
OCT		.3	9.3		.2		9.5	17.3	6.2		.0	23.0	7440
NOV		.1	11.9	.2	4.7		16.1	19.6	6.6		.0	25.6	7200
DEC		.0	10.5	.9	11.9	.0	23.0	26.2	4.3	1.2		31.5	7440
	TOTALS	.6	7.9	.3	5.2	.0	13.1	16.9	10.2	.5	.0	27.1	87643

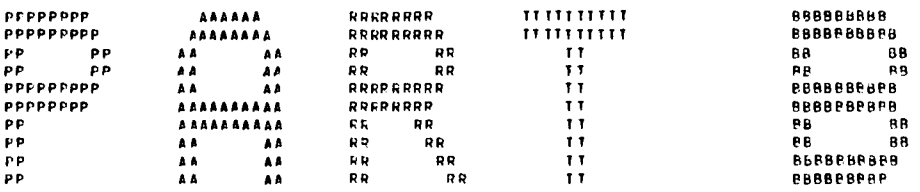
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 49-87
MONTH: ALL

MONTH	T-STMS	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	1.0	29.7	10.3	57.7	.1	71.9	42.3	41.5	6.7		63.4	1209
FEB	2.6	28.8	7.3	47.6	.1	62.9	43.7	44.0	4.3		64.8	1101
MAR	8.1	41.3	3.6	36.2	.3	64.3	40.8	39.7	2.9		57.8	1209
APR	13.6	53.9	.7	12.5	.5	59.2	35.6	28.8	.6		47.2	1170
MAY	17.0	50.7		.7	1.0	50.8	36.4	33.2		.2	48.7	1209
JUN	23.3	45.7			.7	45.8	31.5	36.8			48.5	1140
JUL	21.6	43.5			.3	43.5	38.8	48.2		.1	57.1	1176
AUG	18.5	39.1			.3	39.1	54.3	55.2			68.2	1178
SEP	12.5	41.8				41.8	47.9	43.3			58.6	1140
OCT	5.3	39.7		2.0	.1	40.8	44.3	38.0			56.7	1178
NOV	3.1	40.5	1.8	24.8	.2	55.4	44.1	37.2	1.3		58.2	1141
DEC	1.2	35.9	8.4	47.3		68.1	47.2	37.4	4.8		64.6	1178
TOTALS	10.6	40.9	2.7	19.1	.3	53.6	42.2	40.3	1.7	.0	57.8	14030



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
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN 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	28.4	32.5	5.2	12.4	6.0	7.3	4.0	2.9	1.3					39.1	1240	2.34	9.72	.39
FEB	37.2	25.8	5.8	8.3	6.0	7.9	5.0	3.1	.9					37.0	1130	2.07	4.43	.36
MAR	35.7	21.8	4.8	10.3	5.4	9.2	6.9	4.8	1.2					42.5	1240	2.93	5.29	.74
APR	40.7	14.8	4.0	9.2	7.2	9.3	7.2	6.3	1.2	.1				44.5	1200	3.45	7.11	1.28
MAY	49.2	13.7	2.6	7.2	4.5	8.2	7.3	5.1	2.2	.1				37.1	1240	3.51	6.85	1.04
JUN	53.8	12.0	2.9	4.8	3.7	7.9	6.6	5.7	2.4	.3				34.3	1170	3.80	8.29	1.15
JUL	56.5	11.7	2.3	6.4	3.2	6.5	5.5	5.3	2.2	.2				31.8	1209	3.51	11.00	.41
AUG	61.3	9.8	2.4	5.7	3.3	5.5	4.7	4.5	2.7	.1				28.9	1209	3.16	7.69	.42
SEP	58.1	12.2	2.9	5.9	3.5	6.1	5.3	4.5	1.4	.1				29.7	1170	2.63	6.75	.34
OCT	59.3	12.4	2.5	5.4	4.8	6.1	4.5	3.1	1.8	.1				28.3	1209	2.64	9.26	.14
NOV	44.5	19.8	3.0	7.2	5.0	8.5	6.8	3.8	1.3					35.6	1170	2.75	5.77	.62
DEC	32.6	26.1	5.7	10.4	6.5	7.7	5.9	3.9	1.2					41.3	1209	2.63	5.45	.42
ANN	46.4	17.7	3.7	7.8	4.9	7.5	5.8	4.4	1.6	.1				35.8	14396	35.42		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN 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	1.41	1.15	1.34	.58	.95	1.10	2.41	1.05	.64	.56	1.13	1.17	2.41
49	2.40	1.45	.49	.59	1.88	1.63	1.34	1.78	1.97	2.27	.34	.96	2.40
50	2.22	1.53	.77	.91	.29	2.00	.92	1.17	3.51	1.41	1.00	.71	3.51
51	.91	.94	.63	.83	2.01	1.66	1.57	1.30	.35	1.55	1.07	.74	2.01
52	1.09	.78	.85	1.56	1.12	1.21	1.56	1.13	.99	.50	1.15	.49	1.56
53	.64	.48	2.13	.67	1.13	.33	1.01	.63	.65	.73	1.01	.51	2.13
54	1.10	.94	.63	.70	1.85	.65	1.05	1.89	.88	2.09	.47	.72	2.09
55	.85	.66	1.08	.97	.81	.90	1.74	1.61	.75	2.40	1.57	.18	2.40
56	.43	1.41	.67	.66	1.40	.78	.81	.41	.48	.32	.95	.60	1.41
57	.90	.86	.40	1.14	.81	2.25	1.22	3.88	.81	1.82	.72	1.16	3.88
58	.52	.44	.23	1.18	.50	2.08	1.67	1.19	.68	.42	1.30	.20	2.08
59	1.50	1.20	.56	1.68	.92	3.21	.65	.83	1.07	1.32	1.13	.67	3.21
60	1.22	.70	.25	.81	.67	1.42	.89	1.05	.69	.47	.42	.59	1.42
61	.09	1.54	.96	.74	1.20	1.27	1.42	1.58	1.08	.86	1.14	.38	1.58
62	.98	.60	.48	.40	1.42	.50	1.03	1.10	.44	.58	.47	.18	1.42
63	.29	.30	1.11	2.56	.70	1.04	2.29	.40	.70	.43	.46	.35	2.56
64	.75	.21	1.25	1.41	1.10	.85	1.65	.58	.61	.07	.40	.46	1.65
65	1.28	1.18	1.01	1.17	1.24	.65	1.32	.65	.72	2.54	.73	1.04	2.54
66	.11	.95	.62	.42	.95	.60	2.60	2.20	1.08	.54	.96	2.13	2.60
67	1.14	.43	1.11	.64	.74	.92	.78	.52	.42	1.51	.81	1.53	1.53
68	.65	.82	.45	.99	2.72	1.38	.80	.96	.57	.33	1.08	1.47	2.72
69	1.71	.11	1.12	.91	1.62	1.04	.64	.36	1.21	2.26	1.88	.34	2.26
70	.20	.30	.37	1.54	.95	.77	1.00	.61	1.12	1.05	.80	.45	1.54
71	.43	1.23	.54	.46	1.46	1.54	.86	1.08	1.47	.70	.32	1.19	1.54
72	.35	.15	.69	1.36	.82	2.01	.89	1.00	1.90	.94	1.25	1.20	2.01
73	.62	.42	.93	.48	.44	1.46	.92	1.35	.25	1.13	1.17	1.05	1.46
74	.92	.59	1.08	.99	1.10	.45	.21	1.36	.61	.35	.58	.51	1.36
75	.50	.91	.58	.78	1.32	1.05	.55	1.30	1.70	.65	.73	1.30	1.70
76	.88	.88	.73	.89	.80	1.12	1.07	.89	1.13	.74	.50	.21	1.13
77	.20	1.30	.83	1.94	.34	1.25	1.29	1.46	1.94	.63	.72	.74	1.94

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	.55	.17	.62	1.15	.87	.77	.52	1.19	.66	.22	.78	1.25	1.25
79	.53	.38	.87	.38	1.03	1.29	2.00	1.34	.15	1.01	.82	.86	2.00
80	.31	.66	1.05	.64	1.27	2.82	.97	1.10	.73	.59	.15	.66	2.82
81	.46	1.14	.21	.87	1.32	3.02	1.07	.53	1.00	1.04	.40	1.11	3.02
82	1.48	.50	1.16	.64	1.16	1.48	.94	1.20	.52	.79	2.09	1.03	2.09
83	.45	.25	.59	.83	1.18	.78	1.29	.93	.76	1.47	1.14	.94	1.47
84	.40	.49	.67	.76	1.80	.56	1.06	.59	.85	1.10	.96	.62	1.80
85	1.03	.91	.92	1.05	1.16	.86	.56	1.80	1.32	.83	1.25	.87	1.80
86	.30	.59	1.13	1.37	.76	1.05	2.60	1.05	1.40	1.00	.44	.34	2.60
87	.82	.50	.42	.96	.96								
MEAN	.816	.751	.788	.965	1.119	1.276	1.209	1.155	.969	1.006	.879	.793	2.074
S.D.	.537	.406	.369	.450	.480	.690	.572	.625	.614	.645	.423	.431	.646
TOTAL OBS	1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14396

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	2.23	2.67	4.52	1.61	4.16	4.53	5.14	2.10	1.82	1.57	3.36	3.55	37.26
49	6.49	2.93	1.86	1.84	4.80	5.37	3.43	2.83	2.98	5.08	.76	3.70	42.07
50	9.72	4.43	3.19	4.88	1.21	5.58	3.34	4.01	5.23	2.41	5.28	2.50	51.78
51	2.38	3.85	3.31	3.73	3.68	5.11	6.34	2.80	1.48	3.44	2.73	3.78	42.63
52	4.33	2.38	3.54	4.38	6.85	3.15	2.99	3.80	2.68	.80	3.04	1.75	39.69
53	2.25	1.43	4.24	2.80	2.72	1.26	3.31	1.45	1.98	1.10	1.86	1.59	25.99
54	2.54	2.89	2.64	2.73	4.14	2.19	3.83	5.61	1.87	9.26	2.18	2.06	41.94
55	1.97	2.33	5.29	3.00	2.34	2.80	5.74	4.23	2.46	6.39	4.00	.54	41.09
56	1.61	3.89	3.54	2.05	6.49	2.26	2.63	2.63	1.11	.68	2.64	2.39	31.92
57	1.84	1.47	1.38	7.11	3.27	6.67	2.91	5.59	2.83	3.57	1.93	4.63	43.20
58	1.12	.67	.81	2.38	1.88	8.29	5.69	4.59	3.04	.68	4.33	.52	34.00
59	4.01	3.58	2.50	6.87	4.00	4.60	2.02	2.55	2.22	3.48	2.80	2.48	41.11
60	2.46	2.60	.96	1.80	4.30	6.09	2.55	2.21	1.56	1.72	1.33	.97	28.55
61	.40	2.57	4.04	5.45	2.18	2.76	5.17	4.16	4.51	1.89	2.49	1.54	36.16
62	3.10	2.34	1.79	1.28	5.06	2.13	2.06	1.52	1.45	2.22	1.03	.42	24.40
63	.93	1.09	4.45	4.39	2.28	2.88	5.10	1.26	1.16	.48	1.71	.84	26.57
64	2.48	1.12	4.74	5.02	2.55	3.73	2.20	2.04	1.58	.14	1.17	1.77	28.54
65	4.49	2.48	2.61	4.13	2.28	2.16	3.44	2.95	2.82	4.62	2.25	3.02	37.25
66	.39	1.77	1.87	2.49	3.25	1.15	4.83	4.15	2.82	1.38	4.85	4.94	33.89
67	1.93	1.82	2.77	2.60	4.19	2.40	2.06	1.61	1.04	4.22	2.70	5.45	32.79
68	2.05	1.41	1.99	3.12	6.12	5.15	2.54	3.71	1.97	1.00	3.58	3.44	36.08
69	4.57	.41	1.68	3.13	4.10	5.87	3.99	.42	3.49	5.49	3.34	1.00	37.49
70	.77	.85	2.21	6.30	3.74	2.51	5.18	1.11	5.47	2.92	2.93	1.33	35.32
71	1.11	3.86	1.49	1.33	3.63	3.55	2.73	2.02	4.14	2.22	1.22	4.35	31.65
72	1.22	.59	3.19	6.28	3.29	3.83	2.58	3.30	6.75	3.29	3.62	2.84	40.78
73	1.57	1.31	4.63	2.16	2.19	4.46	3.37	3.75	.70	3.06	3.39	3.94	34.53
74	3.25	2.14	2.91	3.44	5.09	2.28	.41	3.70	2.22	1.29	2.22	2.57	31.52
75	2.41	2.05	2.03	3.39	2.77	4.40	.79	7.69	3.48	1.70	3.17	2.85	36.73
76	1.82	2.30	3.48	2.03	2.18	3.87	3.19	1.54	2.20	2.49	.62	.57	26.29
77	.50	2.15	4.50	4.01	1.04	3.79	3.99	7.26	3.68	2.11	2.39	2.83	38.25

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	2.35	.30	2.32	5.09	3.24	1.67	1.39	2.63	2.26	1.13	3.03	3.75	29.16
79	1.64	1.04	3.13	2.17	2.64	3.19	4.76	3.49	.34	2.16	3.87	2.55	30.96
80	.71	2.22	4.16	3.03	2.69	4.54	4.03	4.79	2.47	1.96	.68	2.50	33.78
81	.60	2.89	.74	5.34	4.42	7.96	2.92	1.71	3.34	3.42	1.09	3.18	37.61
82	5.42	1.50	4.91	2.84	4.74	4.68	2.45	3.44	1.64	1.11	5.77	4.39	43.09
83	.98	.71	1.84	4.83	4.14	2.15	2.36	1.67	1.34	3.58	4.17	4.34	32.11
84	1.10	1.53	3.71	2.95	4.69	1.48	2.52	1.10	2.98	3.17	2.94	3.20	31.37
85	2.03	3.58	3.76	1.69	2.16	2.56	1.86	5.15	2.67	2.44	5.41	2.77	36.08
86	.64	2.96	3.08	3.27	2.67	4.95	11.00	2.75	4.64	3.47	1.50	1.54	42.47
87	2.07	.53	1.34	2.16	3.41								
MEAN	2.337	2.066	2.929	3.453	3.515	3.800	3.509	3.162	2.626	2.645	2.753	2.625	35.542
S.D.	1.949	1.078	1.236	1.539	1.341	1.756	1.848	1.653	1.373	1.804	1.336	1.336	5.900
TOTAL OBS	1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14396

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

AMOUNTS IN INCHES

MONTH	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	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	42.1	30.1	14.0	8.1	2.6	1.7	.6	.6	.1	.1				27.8	1240	6.5	29.5	1.1
FEB	52.5	24.0	10.0	7.9	2.2	1.3	1.0	.9	.3					23.5	1130	7.6	16.9	.2
MAR	64.0	18.6	9.0	5.1	1.3	1.0	.4	.5	.1	.1				17.4	1240	5.4	19.5	.1
APR	87.7	7.0	2.5	1.7	.6	.2	.2	.2						5.3	1200	1.6	11.7	.0
MAY	99.3	.7													1240	TRACE	TRACE	.0
JUN	100.0														1170	.0	.0	.0
JUL	100.0														1209	.0	.0	.0
AUG	100.0														1209	.0	.0	.0
SEP	100.0														1170	.0	.0	.0
OCT	98.1	1.3	.2	.3										.6	1209	.1	1.4	.0
NOV	75.5	13.7	4.4	3.6	1.5	.9	.3	.2						10.9	1170	3.4	14.1	TRACE
DEC	53.3	24.8	10.8	6.0	2.6	1.1	.7	.6	.1	.1				21.8	1209	7.0	20.3	.5
ANN	81.0	10.0	4.2	2.7	.9	.5	.3	.2	.0	.0				8.9	14396	33.6		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN 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	3.1	1.3	5.6	TRACE	.0	.0	.0	.0	.0	.0	.4	.7	5.6
49	3.1	1.0	1.6	1.8	.0	.0	.0	.0	.0	.0	TRACE	.6	3.1
50	4.2	2.4	5.8	1.6	.0	.0	.0	.0	.0	.0	6.0	3.1	6.0
51	4.0	2.6	1.1	TRACE	.0	.0	.0	.0	.0	TRACE	2.3	4.2	4.2
52	1.2	7.7	1.2	.6	.0	.0	.0	.0	.0	.7	TRACE	2.3	7.7
53	2.5	4.9	3.2	.5	.0	.0	.0	.0	.0	.0	1.9	4.5	4.9
54	3.5	4.2	.9	TRACE	TRACE	.0	.0	.0	.0	.1	3.0	.8	4.2
55	1.9	3.7	3.4	TRACE	.0	.0	.0	.0	.0	TRACE	2.0	1.0	3.7
56	4.5	4.1	2.7	2.4	.0	.0	.0	.0	.0	.0	.3	3.6	4.5
57	1.1	.9	2.7	5.0	.0	.0	.0	.0	.0	.2	.3	2.1	5.0
58	1.8	.8	.8	.1	TRACE	.0	.0	.0	.0	.0	3.5	4.5	4.5
59	2.6	1.1	1.2	TRACE	.0	.0	.0	.0	.0	TRACE	3.9	1.2	3.9
60	.8	7.0	2.5	.4	TRACE	.0	.0	.0	.0	.0	1.9	6.5	7.0
61	1.0	1.7	.1	4.9	.0	.0	.0	.0	.0	.0	1.6	3.0	4.9
62	1.7	5.3	2.4	.3	TRACE	.0	.0	.0	.0	.6	TRACE	1.8	5.3
63	2.9	3.5	.7	TRACE	TRACE	.0	.0	.0	.0	.0	.6	1.7	3.5
64	4.9	3.8	12.6	TRACE	.0	.0	.0	.0	.0	TRACE	1.8	5.7	12.6
65	3.5	4.6	4.5	.4	.0	.0	.0	.0	.0	.0	.2	1.8	4.6
66	1.4	3.2	.4	1.8	TRACE	.0	.0	.0	.0	.0	3.4	3.4	3.4
67	1.5	5.0	3.7	.6	.0	.0	.0	.0	.0	.0	1.6	1.7	5.0
68	2.8	.8	3.6	.4	.0	.0	.0	.0	.0	.0	TRACE	.8	3.6
69	3.2	.9	1.3	.3	.0	.0	.0	.0	.0	.0	3.4	3.7	3.7
70	3.8	2.1	1.5	3.0	.0	.0	.0	.0	.0	.0	1.9	3.3	3.8
71	2.2	4.7	2.8	.3	.0	.0	.0	.0	.0	.0	1.9	.3	4.7
72	2.9	1.6	1.9	1.2	.0	.0	.0	.0	.0	.5	1.4	1.8	2.9
73	1.8	3.1	9.5	3.7	.0	.0	.0	.0	.0	.0	TRACE	10.8	10.8
74	3.4	3.9	1.6	1.0	.0	.0	.0	.0	.0	1.4	5.0	3.7	5.0
75	2.0	1.2	4.5	.9	.0	.0	.0	.0	.0	.0	2.9	4.3	4.5
76	1.9	4.9	3.5	TRACE	.0	.0	.0	.0	.0	TRACE	.6	1.9	4.9
77	4.4	4.0	5.2	.4	.0	.0	.0	.0	.0	TRACE	2.7	5.8	5.8

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	5.4	2.5	1.3	.9	.0	.0	.0	.0	.0	.0	2.8	.9	5.4
79	5.4	4.6	.4	TRACE	.0	.0	.0	.0	.0	TRACE	.9	1.8	5.4
80	2.8	5.9	1.8	.7	.0	.0	.0	.0	.0	.2	4.0	4.0	5.9
81	5.2	6.3	.8	.0	.0	.0	.0	.0	.0	TRACE	2.8	5.9	6.3
82	10.8	6.7	3.2	4.6	.0	.0	.0	.0	.0	.0	.1	1.2	10.8
83	.6	1.9	4.2	.2	.0	.0	.0	.0	.0	.0	.7	4.4	4.4
84	6.0	4.5	5.6	.6	.0	.0	.0	.0	.0	.0	.7	1.9	6.0
85	3.8	3.1	.5	.6	.0	.0	.0	.0	.0	.0	1.2	2.8	3.8
86	1.6	4.0	.7	.2	.0	.0	.0	.0	.0	.0	3.0	.8	4.0
87	8.2	.1	.7	TRACE	.0								
MEAN	3.29	3.39	2.79	.99	TRACE	.00	.00	.00	.00	.09	1.81	2.93	5.26
S.D.	2.000	1.933	2.531	1.397	.000	.000	.000	.000	.000	.271	1.515	2.111	2.087
TOTAL OBS	1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	1396

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

TOTAL MONTHLY SNOWFALL IN INCHES

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	11.6	3.7	5.9	TRACE	.0	.0	.0	.0	.0	.0	.4	1.9	23.5
49	4.9	3.6	2.0	2.4	.0	.0	.0	.0	.0	.0	TRACE	.7	13.6
50	6.4	8.7	8.0	2.5	.0	.0	.0	.0	.0	.0	14.1	10.4	50.1
51	10.7	5.7	3.3	TRACE	.0	.0	.0	.0	.0	TRACE	5.3	11.4	36.4
52	3.5	9.3	2.6	.9	.0	.0	.0	.0	.0	.7	TRACE	4.9	21.9
53	7.5	5.2	3.8	.7	.0	.0	.0	.0	.0	.0	5.0	6.1	28.3
54	5.8	8.4	2.5	TRACE	TRACE	.0	.0	.0	.0	.1	4.6	2.3	23.7
55	7.3	7.4	8.3	TRACE	.0	.0	.0	.0	.0	TRACE	3.8	3.5	30.3
56	11.3	10.2	7.5	2.9	.0	.0	.0	.0	.0	.0	1.0	9.2	42.1
57	11.7	2.7	3.5	10.6	.0	.0	.0	.0	.0	.2	.3	3.6	32.6
58	5.0	1.7	4.1	.1	TRACE	.0	.0	.0	.0	.0	3.6	6.2	20.7
59	8.9	2.4	3.0	TRACE	.0	.0	.0	.0	.0	TRACE	6.3	3.5	24.1
60	1.1	13.1	7.9	.4	TRACE	.0	.0	.0	.0	.0	2.7	8.4	33.6
61	4.5	3.0	.1	11.7	.0	.0	.0	.0	.0	.0	1.8	8.4	29.5
62	4.2	12.3	5.7	.3	TRACE	.0	.0	.0	.0	.6	TRACE	9.2	26.3
63	8.8	12.4	2.5	TRACE	TRACE	.0	.0	.0	.0	.0	1.4	6.4	31.5
64	8.0	11.6	19.5	TRACE	.0	.0	.0	.0	.0	TRACE	2.7	7.9	49.7
65	6.2	9.2	11.7	.4	.0	.0	.0	.0	.0	.0	.2	2.5	30.2
66	3.1	5.0	1.3	2.0	TRACE	.0	.0	.0	.0	.0	12.0	7.3	30.7
67	5.6	12.5	8.8	.7	.0	.0	.0	.0	.0	.0	4.1	3.7	35.4
68	8.9	2.7	9.5	.4	.0	.0	.0	.0	.0	.0	TRACE	3.3	24.8
69	3.8	2.8	2.4	.3	.0	.0	.0	.0	.0	.0	4.5	8.0	21.8
70	9.6	4.8	5.2	3.1	.0	.0	.0	.0	.0	.0	2.6	6.5	31.8
71	5.4	6.1	7.3	.3	.0	.0	.0	.0	.0	.0	6.7	.5	26.3
72	7.9	5.8	4.8	1.9	.0	.0	.0	.0	.0	.5	4.0	4.0	28.9
73	2.3	6.0	12.5	4.0	.0	.0	.0	.0	.0	.0	TRACE	20.3	45.1
74	8.5	7.9	3.8	1.8	.0	.0	.0	.0	.0	1.4	6.5	12.2	42.1
75	5.8	5.2	9.2	.9	.0	.0	.0	.0	.0	.0	6.0	10.0	37.1
76	6.3	6.1	3.5	TRACE	.0	.0	.0	.0	.0	TRACE	2.1	9.5	27.5
77	13.0	9.2	6.0	.5	.0	.0	.0	.0	.0	TRACE	7.1	16.4	54.2

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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S- JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	25.3	6.1	2.7	1.0	.0	.0	.0	.0	.0	.0	4.6	1.8	41.5
79	14.1	11.3	1.1	TRACE	.0	.0	.0	.0	.0	TRACE	2.0	2.0	30.5
80	4.5	16.9	2.0	1.3	.0	.0	.0	.0	.0	.2	6.2	11.0	42.1
81	6.9	9.4	2.0	.0	.0	.0	.0	.0	.0	TRACE	3.6	17.6	39.5
82	29.5	14.0	6.7	9.8	.0	.0	.0	.0	.0	.0	.1	1.5	61.6
83	2.8	3.6	6.7	.2	.0	.0	.0	.0	.0	.0	.9	16.3	30.5
84	10.8	7.9	13.3	.6	.0	.0	.0	.0	.0	.0	.7	4.4	37.7
85	15.3	13.7	.8	.9	.0	.0	.0	.0	.0	.0	1.9	16.4	43.0
86	4.0	16.3	1.3	.2	.0	.0	.0	.0	.0	.0	4.6	1.8	28.2
87	17.6	.2	1.5	TRACE	.0								
MEAN	8.46	7.60	5.36	1.57	TRACE	.00	.00	.00	.00	.09	3.42	7.00	33.60
S.D.	5.760	4.200	4.065	2.824	.000	.000	.000	.000	.000	.271	3.201	5.634	9.998
TOTAL OBS	1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14396

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72533G STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	27.3	25.2	13.2	10.4	6.0	12.3	5.1	.5						47.5	1240			
FEB	34.7	22.9	11.8	8.8	4.8	8.1	5.5	3.5						42.4	1130			
MAR	64.7	19.8	4.9	2.3	2.5	4.0	1.9							15.6	1240			
APR	94.7	3.8	.8	.2	.3	.3								1.5	1199			
MAY	100.0														1240			
JUN	100.0														1170			
JUL	100.0														1209			
AUG	100.0														1209			
SEP	100.0														1170			
OCT	99.7	.3													1209			
NOV	83.8	10.1	2.7	1.4	.9	.7	.4							6.1	1170			
DEC	47.0	22.7	12.5	5.6	4.6	5.8	1.5	.3						30.4	1209			
ANN	79.3	8.7	3.8	2.4	1.6	2.6	1.2	.4						12.3	14395			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

DAILY SNOW DEPTH IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	4	2	3	0	0	0	0	0	0	0	0	1	4
49	3	1	1	TRACE	0	0	0	0	0	0	TRACE	TRACE	3
50	3	3	5	1	0	0	0	0	0	0	9	7	9
51	4	6	1	*TRACE	0	0	0	0	0	0	2	9	9
52	1	7	TRACE	0	0	0	0	0	0	0	TRACE	3	7
53	3	5	3	TRACE	0	0	0	0	0	0	2	1	5
54	2	3	TRACE	TRACE	0	0	0	0	0	TRACE	TRACE	1	3
55	3	3	4	C	0	0	0	0	0	0	3	2	4
56	5	5	3	1	0	0	0	0	0	0	TRACE	4	5
57	5	3	3	3	0	0	0	0	0	0	TRACE	2	5
58	2	2	1	0	0	0	0	0	0	0	4	5	5
59	3	2	1	0	0	0	0	0	0	0	3	1	3
60	TRACE	7	7	TRACE	0	0	0	0	0	0	TRACE	7	7
61	2	2	TRACE	3	0	0	0	0	0	0	1	6	6
62	4	6	3	TRACE	0	0	0	0	0	TRACE	0	3	6
63	7	9	6	0	0	0	0	0	0	0	TRACE	4	9
64	7	5	10	0	0	0	0	0	0	0	2	6	10
65	5	8	4	TRACE	0	0	0	0	0	0	TRACE	2	8
66	1	3	1	TRACE	0	0	0	0	0	0	6	3	6
67	3	5	3	TRACE	0	0	0	0	0	0	2	2	5
68	8	1	5	TRACE	0	0	0	0	0	0	TRACE	1	8
69	3	1	1	TRACE	0	0	0	0	0	0	2	4	4
70	7	4	3	TRACE	0	0	0	0	0	0	1	3	7
71	2	4	2	TRACE	0	0	0	0	0	0	1	TRACE	4
72	2	3	2	1	0	0	0	0	0	TRACE	TRACE	1	3
73	1	2	9	3	0	0	0	0	0	0	TRACE	12	12
74	10	5	2	TRACE	0	0	0	0	0	TRACE	5	5	10
75	2	2	4	1	0	0	0	0	0	0	4	6	6
76	3	6	3	0	0	0	0	0	0	0	1	3	6
77	8	9	4	TRACE	0	0	0	0	0	0	4	15	15

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

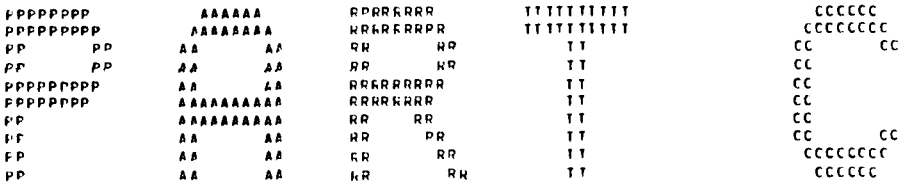
EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

DAILY SNOW DEPTH IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	17	17	11	TRACE	0	0	0	0	0	0	3	TRACE	17
79	8	13	1	TRACE	0	0	0	0	0	0	TRACE	2	13
80	2	7	7	TRACE	0	0	0	0	0	0	2	4	7
81	9	4	1	0	0	0	0	0	0	0	1	9	9
82	8	20	7	6	0	0	0	0	0	0	TRACE	1	20
83	1	2	6	TRACE	0	0	0	0	0	0	TRACE	6	6
84	9	9	8	0	0	0	0	0	0	0	TRACE	2	9
85	11	13	TRACE	TRACE	0	0	0	0	0	0	1	5	13
86	2	6	2	0	0	0	0	0	0	0	3	1	6
87	8	1	TRACE	0	0								
MEAN	6.7	5.4	3.4	.5	.0	.0	.0	.0	.0	TRACE	1.6	3.8	7.5
S.D.	3.532	4.290	2.890	1.233	.000	.000	.000	.000	.000	.000	2.035	3.328	3.971
TOTAL OBS	1240	1130	1240	1199	1240	1170	1209	1209	1170	1209	1170	1209	14395

NOTE * (BASED ON LESS THAN FULL MONTHS)



SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 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 COMPUTE 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 IN 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 VISIBILITIS 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
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 73-87

DAILY PEAK GUSTS IN KNOTS

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73										W *28	SW 30	W 41	
74	SW 53	SW 47	SW 46	W 50	SW 40	W 55	SW 42	NE 40	NW 38	SW 30	W 37	NE 35	W 55
75	SW 60	SW 47	SW 39	SW 51	SW 51	SW 40	W 42	NW 30	NW 46	W 34	W 47	W 39	SW 60
76	W 34	W 39	SW 45	SW 36	SW 51	SW 49	NW 38	N 25	SW 31	W 35	SW 34	NW 34	SW 51
77	W 47	W 41	W 40	SW 45	NW 34	NW 48	SW 50	SW 33	SW 33	W 33	W 35	SW 40	SW 50
78	W 51	W 30	NE 39	SW 39	SW 41	SW 42	W 32	W 36	NW 37	SW 29	W 42	W 35	W 51
79	W 37	NE 40	NW 35	W 50	SW 36	SW 56	NW 31	N 34	W 24	W 37	SW 42	W 47	SW 56
80	W 45	N 37	NW 39	NE 38	NW 40	NW 40	W 58	W 42	NW 36	S 37	SW 35	NW 37	W 58
81	W 34	W 31	S 40	NW 51	NE 30	SW 35	NW 32	SW 36	W 35	W 45	W 37	SW 32	NW 51
82	W 44	E 28	W 42	W 53	SW 42	W 51	SW 33	W 24	W 25	W 39	W 40	SW 45	W 53
83	NW 36	W 30	W 42	SW 38	SW 40	SW 34	NW 51	W 38	SW 35	SW 34	W 39	W 33	NW 51
84	NW 25	SW 36	SW 34	W 52	NW 34	SW 34	NE 32	NW 25	N 32	SW 30	SW 33	W 39	W 52
85	NW 35	W 33	W 44	NW 39	W 34	SW 30	W 37	SW 51	NW 28	SW 33	W 39	W 42	SW 51
86	NW 34	NE 33	W 45	NW 31	W 51	S 33	N 47	NW 32	SW 31	NW 27	E 30	W 34	W 51
87	W 30	NW 39	NW 31	N 35	W 34								
MEAN	40.4	36.5	40.1	43.4	39.9	42.1	40.4	34.3	33.2	34.1	37.7	36.1	53.1
S.D.	9.850	6.061	9.428	7.583	6.989	8.855	8.827	7.609	5.814	9.769	9.322	9.582	3.174
TOTAL OBS	434	395	434	420	434	390	403	403	390	408	420	434	4965

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.3	1.8	.8								4.1	8.2
NNE	.1	.4	.3		.2							1.1	8.9
NE	.1	.4	.9	.4	.1							1.9	9.1
ENE	.3	.8	1.2	1.3								3.5	8.5
E	.2	2.5	2.0	1.6								6.3	7.8
ESE		1.0	.6	.2								1.8	6.7
SE	.9	1.1	.9	.2								3.0	6.1
SSE		1.3	.8	.5								2.6	7.3
S	.3	1.4	2.5	.6	.2							5.1	8.2
SSW	.2	.9	1.8	.8								3.7	8.0
SW	.3	2.4	5.7	2.0	.3	.1						10.9	8.9
WSW	.3	1.6	4.1	5.1	.6							11.7	10.8
W	.1	4.2	6.7	7.8	3.4	1.3	.4					24.0	12.2
WNW	.2	1.1	1.9	1.5	.4							5.2	9.8
NW		1.4	1.9	.9	.3							4.5	9.3
NNW	.2	1.7	2.3	.8	.4							4.9	8.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.7	//////
TOTALS	3.5	22.9	35.4	24.5	6.1	1.4	.4					100.0	9.1

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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.2	1.5	.9								3.7	8.1
NNE	.1	.3	.2	.3	.2							1.3	9.8
NE		.5	.6	.3	.1							1.6	8.9
ENE		.5	1.2	1.3	.3							3.3	10.7
E		2.5	3.0	1.4								6.9	8.2
ESE	.2	1.4	.1	.2								1.9	5.8
SE		1.6	.3	.1								2.0	6.1
SSE	.3	1.6	.9	.1								2.9	6.1
S	.2	2.4	1.8	.5	.2							5.2	7.5
SSW		.9	1.6	.4								2.9	8.2
SW		2.0	4.5	2.3								8.8	8.8
WSW	.1	2.6	5.1	4.2	1.4							13.3	10.5
W		4.8	6.7	8.4	3.0	1.5	.3	.2				24.9	12.1
WNW		2.5	1.9	1.2	.4							6.0	8.9
NW	.1	.8	1.3	1.0	.1							3.2	9.4
NNW		1.9	1.7	1.1	.3	.1						5.2	9.0
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-67
MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
					WIND SPEED IN KNOTS								
N	.1	.6	1.1	.8	.2							2.8	9.5
NNE		.8	.3	.3								1.4	7.5
NE		.6	.6	1.1	.3							2.7	10.2
ENE		1.6	1.2	1.6	.4							4.8	9.7
E	.3	2.4	2.9	.8								6.3	7.6
ESE	.2	1.4	.9									2.5	5.8
SE	.2	1.3	.8	.3								2.6	6.9
SSE		1.0	.8	.3								2.0	7.5
S		2.2	1.8	.6	.3							4.9	8.2
SSW	.2	1.4	1.7	.5	.1							4.0	7.7
SW	.2	2.7	4.1	2.0	.2							9.2	8.6
WSW	.2	3.2	3.9	4.2	1.2	.2	.2					13.1	10.8
W		3.8	5.8	8.6	3.3	1.1		.1				22.7	12.2
WNW		.9	2.2	1.8	.4							5.3	10.2
NW		1.4	2.0	.6								4.2	8.2
NNW	.2	1.6	1.4	1.1								4.3	8.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.1	//////
TOTALS	1.7	26.8	31.4	24.6	6.6	1.3	.2	.1				100.0	9.0

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: 725335 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.5	.5	1.6								2.8	10.3
NNE		.5	.6	.3	.2							1.7	9.8
NE		.7	1.0	.6	.3	.1						2.4	11.5
ENE		1.1	.8	1.3	.5							3.7	10.6
E	.1	1.3	2.6	1.7								5.7	8.8
ESE	.1	.4	1.3	.6								2.5	8.9
SE	.3	1.3	1.1	.8								3.4	7.5
SSE	.2	.8	1.5	.3								2.8	7.4
S	.4	1.9	2.2	1.6								6.3	8.3
SSW	.3	.5	1.3	.8	.1							3.0	8.8
SW	.1	1.9	4.0	3.4								9.4	9.6
WSW	.1	2.7	4.2	4.7	1.6	.2	.3	.2				14.1	11.6
W		1.9	5.2	11.2	3.7	.9						22.8	13.1
WNW		1.1	2.4	.9	.3	.1						4.7	9.6
NW		1.5	2.2	1.1	.2							4.9	8.8
NNW	.3	1.2	1.7	1.2	.1							4.5	8.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.3	//////
TOTALS	2.2	18.9	32.4	32.4	7.1	1.3	.3	.2				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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.5	1.5	1.5								3.7	9.5
NNE	.1	.2	.4	.5								1.3	9.6
NE	.1	.1	1.6	.8	.5							3.1	11.3
ENE		1.1	1.7	.8	.2							3.8	9.1
E	.1	1.3	1.5	1.8	.1							4.8	9.4
ESE		1.0	1.4	.8								3.1	8.6
SE	.1	.4	2.3	.3	.1							3.2	8.9
SSE		1.0	1.0	.6								2.6	8.1
S		.6	2.8	2.5	.1							6.0	10.1
SSW	.1	.8	1.8	1.2								4.1	8.6
SW	.1	1.9	4.6	3.9	.3	.1						11.0	10.0
WSW	.1	1.7	3.1	5.3	1.5	.8	.5					12.6	13.4
W		.9	4.7	9.6	5.4	1.7						22.3	14.3
WNW		.9	2.0	2.6	.5	.2						6.2	11.8
NW		1.2	2.3	2.6	.4	.1						6.6	10.4
NNW		.6	2.0	1.7								4.4	10.1
VARIABLE													
CALM	//////////											1.3	//////
TOTALS	1.1	13.6	34.8	36.3	9.2	2.9	.5					100.0	11.2

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.5	1.2	1.6								3.3	10.3
NNE		.1	.5	.4	.1							1.2	10.5
NE		.1	1.1	.9	.2							2.3	10.7
ENE		.8	2.2	1.0								3.9	9.1
E	.1	1.0	1.7	1.1	.1							4.0	9.2
ESE	.1	1.2	2.0	.8								4.1	8.4
SE		.8	2.0	.8								3.5	8.9
SSE		1.1	1.3	.5								2.9	7.8
S	.2	1.3	3.2	1.8	.1							6.8	9.1
SSW	.1	.4	1.0	.8								2.3	9.4
SW		1.0	4.1	4.3	.3							9.7	10.6
WSW		.9	3.5	3.3	1.3	.6	.2					9.6	13.1
W		.8	7.0	10.6	5.7	1.7	.3					26.1	14.0
WNW	.1	.4	1.8	2.6	.2	.1						5.3	11.5
NW		1.1	2.4	2.9	.4	.1						6.8	11.0
NNW		1.0	2.8	2.2	.4							6.3	10.3
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.0	//////
TOTALS	.3	11.9	37.8	35.4	9.9	2.6	.5					100.0	11.1

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.5	1.4	1.1								3.5	8.5
NNE	.1	.3	.6	.2								1.3	7.7
NE		.4	1.0	1.0								2.4	10.1
ENE		1.1	1.3	1.1	.1							3.5	9.1
E	.1	3.0	1.9	1.3	.2							6.6	8.1
ESE	.2	1.2	2.0	.6								4.1	7.9
SE	.1	1.2	1.2	.4								2.9	7.6
SSE	.2	1.0	.4	.2	.1							1.9	7.5
S	.3	1.9	4.1	1.2		.1						7.6	8.4
SSW	.2	1.5	1.7	1.1								4.5	8.0
SW	.2	1.6	3.7	2.0	.5							8.1	9.4
WSW	.1	2.0	2.6	3.0	1.1	.3	.2					9.4	11.3
W	.3	3.8	6.0	9.4	3.9	1.2	.5					25.1	12.3
WNW	.1	1.9	2.4	1.5	.8							6.7	9.7
NW	.1	1.0	2.0	2.2	.4							5.7	10.7
NNW		.9	1.8	1.1								3.8	9.5
VARIABLE													
CALM	//////////											3.0	//////
TOTALS	2.3	23.9	34.2	27.3	7.1	1.6	.4					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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	.6	1.7	.9	.1							3.5	9.0
NNE	.1	.2	.8	.2								1.3	8.5
NE		.8	.9	.2	.1	.1						2.0	8.7
ENE	.1	.4	1.6	.3	.1							2.6	8.3
E	.2	2.6	2.4	2.2								7.3	8.3
ESE	.2	1.2	1.1	.5								3.0	7.0
SE	.4	1.1	.6	.9	.1							3.1	8.1
SSE	.2	1.1	1.0	.6								2.9	7.4
S	.2	1.8	2.6	1.4	.3	.1						6.6	9.1
SSW	.4	2.3	1.7	.8								5.2	7.0
SW	.3	.6	2.9	2.6	.5							7.0	10.3
WSW	.5	2.5	4.0	4.0	1.1	.1						12.2	10.1
W	.6	2.9	6.5	7.8	3.5	.9	.6					22.8	12.4
WNW	.3	1.1	2.0	2.6	.5							6.8	10.3
NW	.1	1.8	2.0	1.4	.2							5.6	8.8
NNW		1.0	.9	1.3								3.1	9.6
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.8	1.3	1.1	.0							3.4	9.1
NNE	.1	.4	.5	.3	.1							1.3	9.0
NE	.0	.4	1.0	.7	.2	.0						2.3	10.2
ENE	.1	.9	1.4	1.1	.2							3.6	9.4
E	.1	2.1	2.3	1.5	.1							6.0	8.4
ESE	.1	1.1	1.2	.5								2.9	7.6
SE	.3	1.1	1.1	.5	.0							3.0	7.6
SSE	.1	1.1	.9	.4	.0							2.6	7.4
S	.2	1.7	2.6	1.3	.2	.0						6.1	8.6
SSW	.2	1.1	1.6	.8	.0							3.7	8.1
SW	.2	1.8	4.2	2.8	.3	.0						9.2	9.5
WSW	.2	2.1	3.8	4.2	1.2	.3	.2	.0				12.0	11.4
W	.1	2.9	6.1	9.2	4.0	1.3	.3	.0				23.8	12.8
WNW	.1	1.2	2.1	1.8	.5	.1						5.8	10.2
NW	.0	1.3	2.0	1.6	.3	.0						5.2	9.7
NNW	.1	1.2	1.8	1.3	.2	.0						4.6	9.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.5	//////
TOTALS	2.1	20.9	33.9	29.0	7.2	1.7	.5	.1				100.0	9.8

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	.9	1.5	1.3	.1							4.1	9.3
NNE	.1	.1	.5									.7	7.5
NE		.5	1.2	1.2	.5							3.3	11.5
ENE	.2	1.9	1.9	1.8	.4							6.1	9.1
E	.1	3.4	5.0	1.9	.6							11.0	8.8
ESE	.1	.9	.9									2.0	6.5
SE	.7	2.6	.6	.2								4.1	5.5
SSE	.6	1.1	.5	.5								2.6	6.2
S	.4	2.5	1.6	.1								4.7	6.1
SSW	.5	1.7	.6	.6								3.1	6.7
SW	.7	2.4	1.7	2.5	.6							7.8	9.2
WSW	.5	3.1	4.4	1.9	.4							10.2	8.3
W	.6	3.4	5.7	5.3	1.7							16.7	10.1
WNW		.6	.8	.8	.1							2.6	9.5
NW	.2	1.9	1.5	.9	.2							4.8	8.1
NNW	.2	1.1	1.1	1.8	.1							4.3	9.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.8	//////
TOTALS	5.3	27.9	29.6	20.6	4.6							100.0	7.6

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: 725333 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WIND
N	.2	.4	1.5	1.2	.4							3.7	10.4
NNE	.1	.7	.5	.1								1.4	6.3
NE		.5	.9	1.7	.4							3.4	11.8
ENE	.1	1.5	2.0	1.7	.2							5.6	9.5
E	.2	3.8	3.9	1.6	.7							10.4	8.6
ESE	.4	1.3	1.5	.4								3.5	6.9
SE	.1	2.2	.9	.2								3.5	6.2
SSE	.7	1.2	.5	.1								2.5	5.4
S	.6	2.6	1.3	.8								5.3	6.6
SSW	.7	1.7	1.7	.2								3.8	6.2
SW	.2	3.0	3.1	1.5								8.0	7.8
WSW	.2	3.5	2.8	2.6	.4							9.6	8.9
W	.2	3.0	5.1	5.0	.5							13.7	9.8
WNW		.8	1.9	.5	.1							3.3	8.6
NW	.2	1.9	1.4	1.1								4.6	8.3
NNW		1.5	2.2	.6								4.4	7.6
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.9	1.7	.7								3.4	8.3
NNE	.2	.5	.5	.1								1.3	6.7
NE		1.9	1.1	1.2	.2	.1						4.5	9.4
ENE	.5	2.2	2.0	2.8	.6							8.2	9.4
E	.5	3.0	3.4	1.8	.5							9.5	8.6
ESE	.1	.9	1.7	.1								2.7	7.5
SE	.6	2.0	.9	.1								3.7	5.2
SSE	.4	1.7	.7	.2								3.0	5.7
S	.5	2.4	1.8	.6	.2							5.4	7.3
SSW	.1	1.5	.9	.4	.1							3.1	7.4
SW	.9	2.6	3.2	2.0								8.3	8.1
WSW	.2	4.1	3.7	1.2	.5							9.3	7.8
W	.5	3.1	5.0	3.7	.9							13.0	9.6
WNW	.6	.9	1.4	.7	.7							4.4	9.5
NW	.6	1.1	2.0	.5	.1	.1						4.4	8.3
NNW	.2	1.1	1.5	1.2	.2							4.3	9.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.6	//////
TOTALS	6.1	29.8	32.0	17.3	4.0	.7						100.0	7.5

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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.7	1.4	1.5								3.8	9.3
NNE	.4	.4	.5	.4	.1	.1						1.8	9.1
NE	.2	.2	1.2	1.1	.5	.2						3.4	12.0
ENE	.2	1.1	1.7	2.4	.4							5.7	10.5
E	.3	2.2	4.3	3.7	.5							10.9	9.7
ESE	.1	1.1	1.8	.4								3.3	7.6
SE	.1	1.5	1.7	.5	.1							3.5	7.6
SSE	.1	1.3	1.4	.2								3.1	6.8
S	1.1	2.5	2.8	.8								7.2	6.9
SSW	.5	2.2	3.0	.8	.1							6.6	7.6
SW	.3	2.7	2.7	3.7	.5							9.8	9.8
WSW	.3	3.7	4.3	1.7	.5	.1						10.4	8.4
W	.3	2.2	3.5	3.2	1.7							10.9	10.8
WNW		.9	1.7	.9	.6							4.1	10.6
NW		.6	2.4	.5		.2						3.7	9.8
NNW	.1	1.7	1.2	1.2	.6		.1					4.8	10.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.0	//////
TOTALS	3.9	25.1	35.0	22.8	5.4	.7	.1					100.0	8.6

TOTAL NUMBER OF O'SERVATIONS: 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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.7	2.7	.8	.2							4.5	9.5
NNE	.2	.5	.6	.6								1.9	8.3
NE		.7	.2	.5	.4	.4						2.1	12.9
ENE		.8	1.3	2.1	.5	.4						5.1	12.3
E	.2	2.4	3.0	4.5	.6							10.6	10.4
ESE	.1	.7	1.2	1.1								3.1	8.6
SE		1.1	1.3	.6	.1							3.1	8.3
SSE		2.0	1.8	.2								4.0	7.0
S	.6	2.2	3.0	.5	.1							6.4	7.0
SSW		1.7	2.2	1.5								5.4	8.5
SW	.2	2.8	5.7	5.1	.5							14.3	9.7
WSW	.1	1.3	3.3	1.2	.5	.4						6.7	12.3
W	.1	.9	5.8	6.7	3.0	.2						16.9	12.1
WNW	.2	.6	1.2	1.2	.2	.4						3.8	10.7
NW	.1	.7	1.1	.8	.2	.1						3.1	10.4
NNW		.7	1.7	2.2	.5	.2						5.3	11.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.8	//////
TOTALS	2.3	19.9	35.9	29.7	6.7	2.3						100.0	9.8

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.6	2.4	1.5	.5	.1						5.2	10.4
NNE			.1	.4	.5							.9	14.1
NE	.1	.5	.5	.9	.4							2.4	10.8
ENE	.1	.7	1.2	3.2	1.2	.1						6.5	12.7
E	.1	2.7	3.7	3.2	.5							9.9	9.5
ESE		1.4	1.7	.6								3.7	7.9
SE	.1	.9	.7	.6								2.5	7.7
SSE	.1	1.7	1.3	.1								3.2	6.4
S	.2	1.9	2.0	.9								5.9	7.3
SSW	.1	2.1	2.5	.9								5.8	7.7
SW	.1	2.5	5.2	3.9	.6							12.4	9.9
WSW	.1	.5	4.4	2.6	.2	.2						8.3	10.3
W	.1	1.5	4.7	8.7	2.4	.4						17.8	12.5
WNW		.4	.9	2.1	.1							3.5	12.0
NW		.5	2.5	.9	.4							4.3	10.3
NNW		.6	2.0	2.4	.1	.1						5.2	10.9
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.2	1.7	.7	.4	.1						4.1	9.7
NNE		.5	.5	.5	.1							1.5	10.5
NE	.2	.6	1.1	.7								2.6	8.4
ENE	.2	2.0	2.0	2.2	1.2	.4						8.0	11.2
E	.4	4.4	3.0	3.5								11.2	8.5
ESE	.1	2.1	.5	.9								3.7	7.2
SE		1.8	.6	.2								2.6	6.3
SSE	.4	1.7	.9									3.0	5.6
S	.2	3.9	1.8	1.1	.1							7.1	7.0
SSW	.4	2.4	1.9	.5								5.1	6.7
SW	.4	1.9	4.4	1.5	.4							8.5	8.6
WSW	.6	.9	3.1	2.7	.6							7.9	10.0
W	.3	2.7	6.3	5.1	1.5	.2						16.1	10.7
WNW	.2	.9	.5	.9								2.5	8.8
NW	.1	2.2	2.1	1.3	.2							6.0	8.4
NNW		1.9	1.4	1.3	.5							5.0	9.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.1	//////
TOTALS	3.4	31.0	31.6	23.3	5.0	.7						100.0	8.5

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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 73-87
MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.3	1.2	1.1	.2							4.0	8.9
NNE	.2	1.2	.5	.1								2.0	6.4
NE		.7	.8	.6	.2							2.4	9.2
ENE		2.5	1.9	2.7	.9							8.0	10.4
E	.2	2.9	4.6	1.7	.4							9.7	8.8
ESE	.5	1.4	.7	.4								3.0	6.4
SE	.6	1.4	.5	.5								3.0	6.5
SSE	.2	2.0	.6	.1								3.0	5.4
S	.7	4.0	1.4	.9								7.1	6.3
SSW	.5	1.7	.9	.8								4.0	7.1
SW	.4	2.2	3.3	2.4	.1							8.4	8.7
WSW	.5	1.9	3.0	2.0	.5	.1						7.9	9.3
W	.6	3.0	5.0	4.5	2.2							15.2	10.5
WNW	.5	1.0	1.5	.5								4.3	7.3
NW	.2	2.0	1.5	.8	.1							4.7	8.3
NNW	.1	.5	1.1	1.2	.4							3.2	11.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.8	1.8	1.1	.2	.0						4.1	9.5
NNE	.2	.5	.4	.3	.1	.0						1.4	8.4
NE	.1	.7	.9	1.0	.3	.1						3.0	10.7
ENE	.2	1.6	1.7	2.4	.7	.1						6.6	10.6
E	.3	3.1	3.8	2.7	.5							10.4	9.1
ESE	.2	1.2	1.2	.5								3.1	7.4
SE	.3	1.7	.9	.4	.0							3.3	6.6
SSE	.3	1.6	1.0	.2								3.0	6.1
S	.6	2.8	2.0	.7	.1							6.1	6.8
SSW	.4	1.9	1.7	.7	.0							4.6	7.3
SW	.4	2.5	3.7	2.8	.3							9.8	9.1
WSW	.3	2.4	3.6	2.0	.4	.1						8.8	9.0
W	.3	2.5	5.1	5.3	1.7	.1						15.0	10.8
WNW	.2	.9	1.2	1.0	.2	.0						3.6	9.6
NW	.2	1.4	1.8	.9	.2	.1						4.4	8.9
NNW	.1	1.1	1.5	1.5	.3	.0	.0					4.6	10.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.1	//////
TOTALS	4.1	26.5	32.4	23.3	5.0	.6	.0					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.8	1.6	2.0	.3							4.7	10.5
NNE	.1	.9	.9	.5								2.3	8.0
NE		.5	.9	.8	.1							2.3	9.8
ENE	.1	.9	2.5	3.1	.3							6.9	10.8
E		1.8	6.6	4.9	.1							13.4	10.0
ESE	.3	1.5	1.5	.3	.1							3.8	7.1
SE	.2	1.4	1.1	.4	.1							3.2	7.6
SSE		.6	1.3									1.9	6.8
S	.3	1.8	2.9	1.4	.3							6.7	8.6
SSW	.5	1.7	2.4	.4	.1							5.3	7.2
SW	.4	1.3	3.0	1.9	.4							7.1	9.5
WSW	.5	2.0	1.6	1.1	.9							6.1	8.8
W	.1	2.9	4.0	3.0	.5	.8	.1					11.4	10.4
WNW	.2	1.5	1.8	2.2	.3	.1						6.1	10.0
NW		2.0	2.8	1.2	.2							6.2	8.8
NNW	.1	1.5	2.2	1.0	.1							4.9	8.3
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FOR WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.5	1.7	1.3	.4							4.0	10.6
NNE		.6	.9	.2								1.7	7.4
NE	.1	.6	.8	1.2								2.7	9.8
ENE		1.5	3.3	3.1	.1							8.1	10.3
E	.1	2.5	5.2	4.5	.4							12.7	9.8
ESE	.3	.8	1.6	.5								3.2	7.7
SE	.2	1.5	1.3	.1	.1							3.2	6.9
SSE	.2	1.4	1.2	.4								3.2	6.7
S	.4	2.0	3.1	.9								6.5	7.4
SSW	.3	1.4	2.0	1.0								4.7	8.0
SW	.2	2.5	3.4	3.1	.1							9.5	9.1
WSW	.4	1.7	2.3	1.1	.2							5.7	8.2
W	.2	1.7	5.1	2.5	1.5	.4						11.4	10.9
WNW	.1	1.8	1.4	1.3	.4	.2						5.3	9.9
NW	.2	2.6	2.6	.9	.1							6.3	7.8
NNW		.8	1.9	1.1	.2	.1						4.1	9.8
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.7	//////
TOTALS	3.1	24.0	37.7	23.1	5.7	.9						100.0	8.4

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: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 73-87
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.1	2.2	1.9	.1							5.4	10.0
NNE	.1	.3	.5	.2	.1							1.3	8.3
NE	.2	1.5	1.2	.6	.1							3.7	8.2
ENE	.1	1.2	2.9	2.8	.5							7.5	10.7
E	.2	1.4	6.3	4.5	.3							12.8	10.2
ESE		1.3	1.4	.2								2.9	7.1
SE	.2	1.9	1.2	.6								4.0	7.0
SSE	.2	1.9	1.4	.6								4.2	7.3
S	.2	1.5	1.7	1.1								4.5	8.5
SSW	.2	1.9	1.6	1.8	.1							5.7	8.6
SW	1.3	1.3	3.0	2.3	.3							8.2	8.8
WSW	.1	1.5	1.9	1.6	.2	.3						5.7	9.8
W	.4	1.5	4.4	3.4	1.0	.2						11.0	10.4
WNW		1.7	1.7	1.6		.4						5.5	10.1
NW	.1	1.5	2.0	1.2	.2							5.4	8.7
NNW	.4	1.8	1.5	.6	.2							4.6	7.4
VARIABLE													
CALM	//////////											7.7	//////
TOTALS	4.3	23.9	35.1	25.3	3.2	1.1						100.0	8.5

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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N		.6	2.4	2.2								5.2	10.4
NNE	.1	.4	.2	.2								1.0	7.2
NE		.2	1.3	.8								2.3	10.0
ENE		.9	2.9	2.3	.4	.1						6.6	10.5
E	.2	1.9	5.4	6.0	1.2							14.7	10.9
ESE		.9	1.6	.8								3.2	8.4
SE	.1	.9	2.4	.9								4.2	8.7
SSE	.2	1.0	2.5	.8								4.4	7.9
S		1.1	3.0	1.7	.1							5.9	9.2
SSW	.3	1.1	2.2	1.6	.6							5.8	9.7
SW	.3	1.1	2.8	4.5	1.4	.1						10.2	11.8
WSW	.1	.9	1.8	2.5	.9							6.1	11.1
W	.3	1.3	3.1	4.6	1.5	.2						11.1	11.7
WNW		.9	2.6	1.7		.3						5.5	10.3
NW	.2	.5	3.0	1.9	.3	.1						6.1	10.7
NNW	.1	.8	2.2	1.9								4.9	9.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.8	//////
TOTALS	2.2	14.3	39.2	34.3	6.5	.9						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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.4	2.4	1.6	.1							4.8	10.3
NNE		.1	.6	.2								1.0	9.1
NE		.4	.5	1.4	.2							2.6	11.4
ENE		.9	1.5	2.4	.6	.1						5.5	12.1
E	.1	.9	3.0	5.4	1.6							11.0	12.2
ESE		.9	1.8	.9								3.5	8.8
SE	.1	.4	1.2	.8	.3							3.0	9.6
SSE	.1	.8	1.2	1.0								3.0	9.2
S	.2	1.2	2.2	1.3	.3							5.2	9.3
SSW		.8	2.5	2.8	.9	.1						7.0	11.9
SW		1.0	2.2	4.2	2.4	.3						10.0	13.2
WSW	.1	.9	1.9	2.8	1.4	.3						7.4	12.7
W	.1	1.2	3.2	6.9	2.2	.6	.1					14.3	13.0
WNW		.9	1.9	2.7	.3	.1	.1					6.0	11.5
NW		.6	3.3	3.3	1.0	.3						8.6	12.2
NNW		.5	1.7	2.6	.3							5.2	11.1
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 73-87
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.4	1.5	1.7								3.7	10.4
NNE		.4	.6	.2								1.3	8.5
NE		.6	.6	1.1	.3							2.7	10.4
ENE		1.1	1.9	3.2	.5	.1						6.9	11.7
E	.1	1.6	2.3	5.2	1.4							10.5	12.0
ESE		.3	1.0	.8	.1							2.2	9.7
SE		.8	1.2	1.1	.1							3.1	9.6
SSE	.1	.3	.6	.8								1.8	9.4
S		1.7	2.2	2.2	.3							5.9	9.9
SSW	.1	.4	1.9	2.4	.5	.1						5.5	11.8
SW		1.0	2.6	4.1	1.6	.1						9.4	12.2
WSW	.2	.1	1.3	2.4	1.8	.8						6.6	14.9
W		1.3	3.5	10.2	2.3	.4						17.7	12.7
WNW		.9	1.7	2.7	1.3		.1					6.7	12.6
NW	.1	.4	1.7	4.9	1.2	.1						8.5	12.7
NNW	.1	1.2	2.5	2.4	.2							6.3	9.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	1.3	//////
TOTALS	.5	13.2	27.2	49.2	11.7	1.0	.1					100.0	11.7

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		1.6	2.4	1.1								5.1	8.5
NNE		.8	.6		.1							1.5	8.1
NE		.6	.5	1.1	.3	.2						2.8	11.7
ENE		.3	2.6	3.8	.4	.2						7.3	11.7
E	.1	1.5	4.3	4.9	1.0	.1						11.8	10.9
ESE	.1	1.1	1.3	.2								2.7	7.2
SE		1.9	1.0	.2								3.1	7.0
SSE	.2	1.3	.9	.2								2.6	6.6
S	.2	2.6	2.9	2.3	.1							8.1	8.5
SSW	.2	1.2	1.5	1.0	.5	.1						4.5	10.0
SW	.4	1.8	1.6	2.3	.3	.1						6.6	9.6
WSW	.1	1.4	2.4	2.6	.6	.3						7.4	11.1
W	.1	1.7	6.5	4.6	1.7	.2						14.6	11.2
WNW		1.0	2.3	3.0	.6	.1						7.0	11.2
NW	.1	1.7	2.6	1.4	.5							6.3	10.6
NNW		.9	1.6	2.8								5.3	10.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.4	//////
TOTALS	1.7	20.4	35.1	33.7	6.3	1.4						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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		1.4	1.7	1.4								4.5	9.1
NNE		1.0	.1	.1	.2							1.4	8.4
NE		1.1	.5	1.2	.2	.1						3.1	10.4
ENE	.1	.9	2.9	2.4	.6							6.9	10.6
E	.1	1.9	5.1	6.1	.6	.1						14.0	10.7
ESE		1.3	2.2	.2								3.7	7.4
SE	.1	1.5	1.0									2.8	6.0
SSE	.2	1.6	.9	.5	.1							3.3	7.7
S	.2	1.6	2.4	1.8	.1							6.1	9.1
SSW	.2	1.6	1.6	1.1	.1	.1						4.7	8.8
SW	.1	2.5	2.4	1.6	.6							7.2	9.2
WSW	.1	1.9	2.2	2.0	.2	.3						6.8	10.1
W	.2	2.5	3.2	3.9	.8	.4						11.1	10.6
WNW	.2	1.3	2.6	1.6	.1	.1						5.9	9.4
NW	.2	1.5	4.3	2.4	.1							8.5	9.1
NNW		1.8	2.0	1.3								5.2	8.4
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
					WIND SPEED IN KNOTS								
N	.0	.9	2.0	1.7	.1							4.7	9.9
NNE	.0	.6	.6	.2	.1							1.4	8.1
NE	.0	.7	.8	1.0	.2	.0						2.8	10.1
ENE	.0	.9	2.6	2.9	.5	.1						6.9	11.0
E	.1	1.7	4.8	5.2	.8	.0						12.6	10.8
ESE	.1	1.0	1.5	.5	.0							3.1	7.8
SE	.1	1.3	1.3	.5	.1							3.3	7.8
SSE	.2	1.1	1.2	.5	.0							3.1	7.7
S	.2	1.6	2.5	1.6	.2							6.1	8.8
SSW	.3	1.7	2.0	1.5	.4	.1						5.4	9.6
SW	.4	1.5	2.6	3.0	.9	.1						8.5	10.6
WSW	.2	1.3	1.9	2.0	.8	.3						6.5	11.0
W	.2	1.7	4.1	4.9	1.4	.4	.0					12.8	11.5
WNW	.1	1.2	2.0	2.1	.4	.2	.0					6.0	10.7
NW	.1	1.4	2.8	2.4	.5	.1						7.2	10.3
NNW	.1	1.2	1.9	1.7	.1	.0						5.1	9.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.4	//////
TOTALS	2.2	19.4	34.7	31.7	6.4	1.2	.1					100.0	9.7

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	1.1	2.6	1.2	.2	.2						5.7	9.3
NNE		1.1	1.0	.6								2.7	8.0
NE	.1	1.1	1.0	.8								3.0	8.1
ENE	.4	1.2	1.7	1.0	.1							4.4	8.9
E	.1	2.4	6.1	3.7	.7							13.0	9.8
ESE	.1	1.4	1.4	.4								3.4	7.4
SE	.4	1.6	1.4	.1								3.6	6.5
SSE	.4	2.9	.9	.3	.3							4.9	6.9
S	.7	2.9	2.2	.2	.1	.3						6.3	7.3
SSW	.3	2.1	1.7	.8	.6							5.4	8.7
SW	.6	1.1	2.6	.7	1.2	.1						6.4	9.9
WSW	.4	2.1	1.2	.9	.7	.1	.1					5.6	9.4
W	.2	3.7	3.4	3.0	.8	.4						11.6	9.8
WNW		1.6	2.1	1.1	.1		.1					5.0	8.8
NW		1.1	3.2	1.0	.1							5.4	8.8
NNW	.1	.8	1.0	.2	.1							2.2	8.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	11.3	//////
TOTALS	4.6	28.1	33.6	18.0	5.2	1.2	.2					100.0	7.8

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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 73-87
MONTH: APR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.8	1.4	1.1	.1							4.6	8.2
NNE		1.4	.6	1.0	.1							3.1	8.8
NE		1.4	1.3	.1								2.9	6.4
ENE	.3	1.9	1.8	1.3	.6	.1	.1					6.1	9.7
E	.4	2.4	4.7	3.0	.7	.1						11.3	9.8
ESE	.2	1.1	1.4	.8								3.6	7.7
SE	.3	1.6	1.0	.2								3.0	6.4
SSE	.9	2.1	1.1	.2								4.3	5.8
S	.3	3.1	1.9	.6	.4							6.3	7.7
SSW	.3	1.4	2.0	.4								4.1	7.4
SW	.3	2.8	2.7	2.2	.7	.3						9.0	9.6
WSW	.4	2.4	2.9	1.3	.3	.1						7.6	8.5
W	.3	3.1	3.6	2.3	.8	.1						10.2	9.3
WNW		.8	1.6	.7	.4							3.4	10.1
NW	.1	.8	3.2	1.2								5.6	8.7
NNW	.2	.8	.9	.9	.2							3.0	8.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	11.9	//////
TOTALS	4.4	29.0	32.0	17.4	4.3	.4	.1					100.0	7.6

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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	1.1	2.3	1.7	.2							5.7	9.4
NNE	.1	.7	.7	.3								1.9	7.5
NE	.1	1.7	1.6	.6	.1							4.0	7.7
ENE	.9	1.4	2.8	2.1	.2							7.3	9.0
E	.9	3.1	5.2	3.6	1.0							13.2	9.7
ESE		1.9	1.0	.9	.1	.1						3.6	8.9
SE	.4	1.9	.7	.3								3.3	6.2
SSE	.1	2.1	1.0	.3								3.6	6.8
S	.1	2.0	2.9	1.3	.3							6.6	8.5
SSW	.2	1.7	1.3	.7								3.9	7.3
SW	.3	1.6	2.6	2.1	.2	.1						6.9	9.5
WSW	.1	2.7	2.0	1.1	.7	.1	.2					6.9	9.7
W	.3	2.3	4.2	3.7	1.9		.1					11.5	10.7
WNW	.1	1.9	2.2	.9	.6							5.2	9.4
NW	.2	1.6	2.0	.8	.3	.1						5.0	8.8
NNW	.1	.3	1.0	2.0	.1							3.6	11.3
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	.1	.8	1.9	2.3	.4							5.6	10.7
NNE		.3	.6	.6	.2							1.7	10.9
NE		.1	1.9	.7	.3							3.0	10.3
ENE		1.1	2.8	2.1	.4							6.4	10.4
E		1.6	5.3	4.6	1.8							13.2	11.3
ESE	.1	1.9	2.8	2.0	.1							6.9	9.0
SE	.1	1.3	1.6	1.1								4.1	8.3
SSE	.2	.8	.6	.6	.1							2.2	8.4
S	.1	1.6	3.2	2.9	.1							7.9	9.8
SSW		1.0	2.0	1.9	.4							5.3	10.7
SW	.1	1.1	2.1	2.7	.6	.1						6.7	11.1
WSW		1.0	3.0	2.4	1.1	.2	.3	.1				8.2	12.7
W		.9	3.7	4.3	2.4	.7						12.0	13.0
WNW		.4	1.3	3.3	.9							6.0	12.9
NW		.7	1.2	2.1	.4							4.0	12.1
NNW		.8	2.0	3.1	.2							6.1	10.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.7	//////
TOTALS	.3	14.9	35.9	36.7	9.7	1.0	.3	.1				100.0	11.0

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	.2	1.6	2.0	.2							4.2	11.1
NNE		.1	1.0	1.0	.2							2.3	11.8
NE		.3	1.4	1.4	.1							3.3	10.9
ENE	.1	.7	1.9	2.1	.2							5.0	10.3
E	.1	1.2	2.6	5.4	1.0							10.3	11.5
ESE	.1	.7	1.7	1.6	.8							4.8	11.1
SE		1.2	1.9	1.8								4.9	9.3
SSE		.9	.6	1.1								2.6	9.6
S	.2	1.3	1.8	2.7	.4							6.4	10.3
SSW		.9	1.6	2.7	1.0	.1						6.3	11.8
SW		.6	1.7	3.1	1.6	.2	.1					7.2	13.7
WSW		1.1	2.1	3.3	.7	.7	.3	.1				8.3	13.1
W		1.6	2.2	6.9	2.0	1.2	.3					14.2	13.8
WNW		.7	1.9	3.9	1.2	.2						7.6	13.5
NW		.3	1.2	3.9	1.1	.1						6.7	13.2
NNW		.7	1.1	2.6	.3							4.7	11.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	1.1	//////
TOTALS	.9	12.0	26.3	45.4	10.9	2.6	.8	.1				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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.3	2.2	1.8	.2	.1						4.7	11.4
NNE			1.2	.7	.1							2.0	10.8
NE		.3	1.9	1.3	.1							3.7	10.1
ENE		.4	2.0	3.2	1.0	.1						6.8	12.2
E	.1	.9	2.6	4.1	.6							8.2	11.4
ESE		.8	1.6	.8								3.1	8.8
SE	.3	1.3	2.7	1.1								5.4	8.5
SSE	.2	.7	1.3	.9								3.1	9.5
S	.1	1.1	2.0	1.9	.4							5.6	10.0
SSW	.1	.7	1.0	2.8	.8	.1						5.1	12.7
SW	.1	.7	2.4	4.8	.4	.4	.2					9.1	12.5
WSW	.1	1.2	1.1	2.4	.7	1.0						6.6	12.9
W		.8	2.4	6.7	2.7	.6	.2	.1				13.4	14.1
WNW	.1	.3	1.9	3.3	1.4	.7						7.3	13.2
NW		.4	2.0	5.0	.7	.1						8.2	12.6
NNW	.1	.6	2.0	2.9	.9	.1						6.6	12.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.1	//////
TOTALS	1.4	18.2	38.3	49.7	10.0	2.8	.4	.1				100.0	11.8

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.9	2.4	1.9	.2							5.4	10.1
NNE		.4	.9	.9								2.2	9.6
NE		.3	1.3	1.0								2.7	10.3
ENE		1.6	2.0	2.3	.3							6.2	9.8
E	.1	3.0	2.9	5.3	.3							11.7	10.2
ESE	.1	1.6	1.0	1.1								3.8	8.2
SE	.3	.6	1.9	.2								3.0	7.4
SSE	.1	1.0	1.4	.2								2.8	7.3
S	.3	2.0	3.1	2.1	.3							7.9	8.9
SSW		1.0	1.7	.9	.1							3.7	9.1
SW	.2	.6	2.4	2.8	.6	.1						6.8	11.0
WSW	.2	1.0	1.6	2.9	.8	.4						6.9	12.3
W	.1	2.1	3.1	3.4	1.8	.1	.2	.1				11.0	12.1
WNW	.1	.9	2.0	1.4	.4	.1						5.0	10.5
NW		.7	2.6	5.1	1.4							9.8	12.3
NNW	.2	1.2	3.1	2.3	.4							7.3	10.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	.2	1.0	3.3	.7	.2							5.4	8.7
NNE	.1	.3	.9	1.1								2.4	9.7
NE	.1	.8	2.4	.2								3.6	7.8
ENE	.2	1.9	1.3	2.0	.1							5.6	9.1
E	.4	2.9	4.6	4.1	.2							12.2	9.6
ESE		.8	1.4	.4								2.7	8.3
SE	.3	2.1	.9									3.3	5.8
SSE	.1	2.4	1.1	.3	.2							4.2	7.1
S	.6	2.3	3.7	1.3	.7							8.6	8.6
SSW	.1	1.7	1.1	.4	.2							3.6	8.1
SW	.1	2.1	1.7	1.8	.1							5.8	8.8
WSW	.4	1.6	.9	1.7	.4							5.0	9.6
W	.2	2.3	3.2	2.8	.8	.6	.3					10.2	11.4
WNW		1.9	2.6	.7			.1					5.2	8.4
NW		1.4	3.1	2.4	.4							7.4	10.2
NNW	.1	1.8	2.4	1.2	.1							5.7	8.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.1	//////
TOTALS	3.1	27.7	34.7	21.2	3.6	.6	.4					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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	.9	2.2	1.6	.2	.0						5.2	9.8
NNE	.2	.6	.8	.6	.1							2.2	9.6
NE	.4	.8	1.6	.8	.1							3.3	8.9
ENE	.2	1.3	2.0	2.0	.4	.0	.0					5.9	10.0
E	.2	2.2	4.2	4.2	.8	.0						11.7	10.3
ESE	.1	1.2	1.5	1.0	.1	.1						4.0	8.8
SE	.2	1.4	1.5	.6								3.8	7.5
SSE	.2	1.6	1.0	.5	.1							3.5	7.3
S	.2	2.0	2.6	1.6	.4	.0						6.9	8.9
SSW	.1	1.2	1.6	1.7	.4	.0						4.7	9.7
SW	.2	1.3	2.3	2.5	.7	.2	.0					7.2	10.9
WSW	.2	1.6	1.8	2.0	.7	.3	.1	.0				6.9	11.2
W	.2	2.1	3.2	4.0	1.6	.5	.2	.0				11.8	11.9
WNW	.2	1.0	1.9	1.9	.6	.1	.0					5.6	11.2
NW	.1	.9	2.3	2.7	.6	.0						6.5	11.1
NNW	.1	.9	1.7	1.9	.3	.0						4.9	10.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.0	//////
TOTALS	2.6	23.9	32.4	29.5	7.0	1.7	.4	.1				100.0	9.6

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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0700-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	2.0	2.4	1.0	.2							5.8	8.0
NNE		1.3	.8	.3	.1							2.5	8.2
NE	.1	1.2	1.6	.8	.1							3.8	8.3
ENE	.1	2.0	1.5	.9								4.5	7.7
E	.2	4.3	5.8	1.4								11.7	7.5
ESE	.1	1.4	1.3	.1								2.9	6.2
SE	.5	1.9	.8									3.2	5.3
SSE	.5	2.3	.6	.3								3.8	6.3
S	.8	3.3	3.2	1.1	.3							8.7	7.6
SSW	.9	2.7	2.4	.8								6.2	7.1
SW	.8	1.8	3.2	1.0								6.8	7.2
WSW	.1	1.5	1.8	.4								3.9	7.8
W	.2	3.1	1.6	.6								5.6	6.7
WNW	.2	2.8	.9	.5								4.4	6.3
NW	.2	1.6	2.2	.5								4.5	7.3
NNW	.3	1.8	1.9	.3								4.4	6.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	17.3	//////
TOTALS	4.8	35.2	31.9	10.2	.8							100.0	5.5

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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.9	1.6	1.2	.2							5.4	8.5
NNE	.1	1.2	1.0	.8								3.0	7.7
NE	.2	1.1	1.7	.9								3.9	8.2
ENE	.2	2.6	2.9	1.1								6.8	7.6
E	.2	5.7	3.9	.8	.1							10.6	7.1
ESE	.3	1.2	.4									1.7	5.6
SE	.4	1.4	1.0	.1								2.9	6.1
SSE	.6	2.2	.3	.2								3.3	5.3
S	.9	4.0	2.2	.5	.3							7.4	6.9
SSW	.6	1.7	2.4	.5								4.8	7.3
SW	.3	2.0	5.7	2.7								9.9	8.6
WSW		2.5	2.4	.3	.1							5.3	7.0
W	.2	3.7	2.2	.3								6.1	6.4
WNW		1.0	1.2	.2								3.2	6.4
NW	.1	1.7	1.1	.5								3.5	7.0
NNW	.	1.0	1.3	.1								2.4	6.1
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	.8	2.3	1.2	.1							4.7	8.8
NNE	.1	1.3	.9	.5	.1							2.9	7.5
NE	.2	1.5	1.7	1.2	.1							4.3	8.3
ENE		1.9	2.4	1.1								5.4	8.2
E	.5	4.4	5.7	1.7	.2							12.7	7.8
ESE	.7	1.9	.9	.1								3.2	5.5
SE	.4	1.2	.6	.2								2.4	6.0
SSE	.3	2.0	1.6	.1								4.1	5.9
S	.4	2.4	3.0	1.1								7.3	7.5
SSW	.1	3.0	2.3	1.2	.2							6.8	7.9
SW	.2	1.7	4.3	2.6	.1							8.4	9.1
WSW	.4	1.1	2.5	2.5	.2							6.7	9.8
W	.3	2.0	1.9	.8								5.1	7.5
WNW	.1	1.7	1.3	.2								3.3	6.7
NW	.1	1.7	1.2	.6								3.7	7.4
NNW	.2	1.6	1.9	.5								4.3	7.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	14.7	//////
TOTALS	4.5	40.2	53.9	15.1	1.1							100.0	6.7

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	[illegible]	2.2	[illegible]	.1							5.4	9.3
NNE		[illegible]	1.4	.9	.1							3.3	9.0
NE	.1	1.6	.5	1.0	.1							3.3	8.5
ENE	.1	1.4	2.9	1.7	.8							6.9	9.6
E		2.8	5.2	3.7								11.6	9.2
ESE	.1	[illegible]	2.4		.1							4.2	7.1
SE		1.6	1.7	.5								3.4	7.7
SSE	.1	1.1	1.1	.4								2.7	7.7
S	.1	1.7	2.5	1.7	.1							6.1	8.7
SSW		1.2	2.3	2.5	.5							6.5	10.3
SW	[illegible]	1.7	3.7	4.7	.5	.1						10.6	11.1
WSW		.9	2.6	4.8	.6	.1						9.2	11.7
W	[illegible]	1.4	3.5	3.3	.4	.1						9.1	10.2
WNW	.1	1.0	2.4	1.6	.1							5.2	9.5
NW	.1	.5	1.4	1.8								4.2	9.8
NNW	.1	[illegible]	2.7	1.2								4.5	8.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.7	//////
TOTALS	1.6	21.5	37.6	31.7	3.5	.3						100.0	9.3

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.2	2.4	1.2								4.8	9.0
NNE	.1	.6	1.4	.6								2.8	8.2
NE	.2	.5	1.1	1.3	.3							3.4	10.3
ENE		1.1	2.2	2.5	.5	.2						6.5	10.8
E	.1	1.2	5.4	2.5	.3	.1						9.6	9.8
ESE		1.2	1.6	.4	.3							3.8	8.9
SE	.1	1.2	2.4	.2	.1							4.1	7.8
SSE	.1	1.1	1.1	.8								3.0	7.9
S	.1	2.4	2.4	2.2								7.0	8.7
SSW	.1	.4	1.4	2.4	.2							4.5	11.4
SW		1.1	3.3	5.9	1.1	.2						11.6	12.0
WSW		1.2	3.1	5.2	.8	.2						10.3	12.0
W		.6	2.9	4.6	.9	.1						9.0	12.1
WNW		.9	1.4	2.9	.4	.1						5.7	11.9
NW		.8	2.7	2.5								5.9	10.2
NNW	.1	1.0	3.3	1.3								5.7	8.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.1	//////
TOTALS	1.1	16.2	58.0	36.5	4.9	1.1						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS: 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725337 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 73-87
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.0	2.0	.9								4.0	8.7
NNE		.5	.9	.6								2.0	9.4
NE		.4	2.0	1.4								3.9	10.0
ENE		1.7	2.8	2.0	.3							6.9	9.6
E	.1	1.5	3.1	2.0	.3	.1						8.2	9.7
ESE	.1	1.0	2.2	.9	.1							4.3	8.4
SE	.1	.4	1.9	.8	.1							3.4	8.7
SSE		.9	1.4	.5								2.7	8.8
S	.5	.5	2.9	2.7	.2							7.0	10.1
SSW		.4	2.8	2.5	.6							6.3	11.0
SW	.1	1.7	3.1	4.3	.9							9.7	10.9
WSW		.8	2.9	4.7	1.1	.2						9.7	12.1
W	.1	1.1	3.3	3.1	1.4	.4						9.5	12.1
WNW	.2	1.1	2.2	2.3	.9							6.6	10.9
NW	.1	1.7	3.5	3.7	.7							9.7	10.3
NNW	.2	1.1	2.4	1.5	.1							5.3	9.7
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND SPEED
N		1.5	2.2	.6	.1							4.4	8.3
NNE	.1	.9	.5	.3								1.8	7.5
NE		.8	1.4	.4	.1							2.5	8.7
ENE	.1	2.1	3.1	1.3	.3							6.9	10.0
E	.	2.8	4.4	2.5	.1							10.0	8.5
ESE	.4	.6	1.4	.8								4.3	7.2
SE		1.5	1.6	.5								4.1	7.2
SSE	.1	1.5	.9	.2								2.7	6.7
S	.4	3.4	4.7	2.7	.1							11.3	8.4
SSW	.1	1.4	2.5	.8	.1							4.8	8.6
SW		.4	2.3	3.1	.3							6.1	11.5
WSW	.2	1.3	2.6	2.2	.1							6.4	9.7
W	.1	1.9	3.1	2.2	.5							7.8	9.6
WNW	.	1.7	2.3	1.3	.2	.1						5.4	9.2
NW	.2	1.4	2.9	2.4	.4							8.9	10.1
NNW		1.5	3.2	2.3	.1							7.1	9.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.1	//////
TOTALS	[illegible]	24.6	40.1	25.1	2.3	.1						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72533 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.9	1.1	1.4								4.5	8.4
NNE		1.1	.1	.2								1.4	6.6
NE	.4	1.4	1.1	.4	.1							3.5	6.9
ENE	.1	1.7	2.7	1.1								4.9	9.0
E	.4	4.7	5.7	1.3	.1							12.5	8.1
ESE	.7	2.5	1.6									4.4	5.8
SE	.7	2.6	.5	.2								3.6	5.7
SSE	.7	2.4	1.1	.3								4.0	6.7
S	.5	4.1	4.1	1.4	.1							10.5	7.6
SSW	.7	1.9	2.1	.7								4.7	6.9
SW	.1	1.3	2.2	.9	.1							5.3	7.7
WSW	.1	2.5	2.2	1.1								6.1	7.5
W	.1	2.4	1.4	.5	.1							4.7	7.1
WNW	.1	1.2	1.2	.1	.1							2.8	6.9
NW	.2	3.1	3.0	1.0	.1							7.4	7.6
NNW	.2	2.2	2.4	1.2								5.9	7.5
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-97
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.4	2.0	1.2	.1							4.9	8.6
NNE	.1	1.0	.9	.5	.2							2.5	8.1
NE	.2	1.1	1.3	.9	.1							3.6	8.7
ENE	.2	1.1	2.6	1.6	.2	.2						6.1	9.2
E	.3	3.4	4.8	2.2	.1	.2						10.9	8.4
ESE	.2	1.5	1.5	.3	.1							3.6	7.0
SE	.2	1.6	1.3	.3	.0							3.4	6.9
SSE	.3	1.7	1.0	.4								3.5	6.8
S	.4	2.4	3.1	1.7	.1							8.2	8.1
SSW	.2	1.6	2.2	1.4	.2							5.6	8.8
SW	.2	1.5	3.2	2.1	.3	.2						9.4	10.0
WSW	.1	1.5	2.5	2.6	.4	.1						7.2	10.2
W	.2	2.0	2.5	1.9	.4	.1						7.1	9.5
WNW	.1	1.5	1.6	1.1	.2	.2						4.6	9.0
NW	.1	1.0	2.4	1.7	.1							5.9	9.0
NNW	.2	1.5	2.4	1.5	.2							5.1	8.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.7	//////
TOTALS	3.1	27.1	39.3	27.0	2.7	.7						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	3.0	1.7	.3								4.7	6.4
NNE		.8	.3	.2								1.3	7.4
NE		.3	1.7	.1								2.1	8.1
ENE	.1	1.6	1.2	.4								3.3	7.2
E	.4	3.3	4.6	.6								8.9	7.0
ESE	.6	2.3	1.0									3.9	6.5
SE	.4	2.2	1.0									3.7	5.5
SSE	.3	2.3	.2									2.9	4.6
S	1.3	5.0	3.9	.2								10.4	6.1
SSW	.5	3.	3.2	.2	.1							7.2	6.9
SW	[illegible]	4.3	4.6	.8	.1							10.8	7.0
WSW	.4	2.9	1.7	1.2	.1	.1						6.4	7.7
W	.4	3.6	1.2	.1		.1						5.4	6.1
WNW	.2	1.9	1.1									3.2	5.9
NW	[illegible]	4.0	1.1	.8								6.1	6.6
NNW	[illegible]	1.6	1.6	.3	.1							4.1	7.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	15.4	//////
TOTAL%	[illegible]	42.1	30.0	[illegible]	.4	.2						100.0	5.6

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		1.7	.6	.2								2.4	6.5
NNE	.1	.8	.9	.1								1.9	6.8
NE	.2	1.1	1.2	.3								2.9	7.2
ENE	.1	2.1	2.2	.6								5.0	7.1
E	.1	3.6	2.9	.3								7.1	6.8
ESE	.3	1.0	.7									2.0	5.3
SE	.2	2.6	1.1									4.6	5.1
SSE		1.7	.6									3.2	5.3
S	.7	4.7	2.2	.2								8.4	5.8
SSW	.4	3.0	3.0	.4								6.9	6.9
SW	.4	4.7	5.6	1.2								12.6	7.1
WSW	.4	3.2	2.7	1.1								7.4	7.4
W	.2	4.9	2.6	.9								9.2	6.7
WNW	.1	1.8	1.1	.2								3.4	6.9
NW	.4	1.6	.9	.2	.1							3.2	6.5
NNW	.4	2.0	1.2	.1	.1							3.9	6.5
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.7	2.0	.3								3.8	7.6
NNE	.1	.2	.8									1.1	6.7
NE	.1	1.0	1.3	.6								3.0	8.0
ENE		1.9	3.9	.9								6.6	8.2
E		2.6	3.4	.6								6.6	7.4
ESE	.3	1.7	1.0	.1								3.1	6.3
SE	.6	1.6	1.1	.1								3.3	6.0
SSE	.4	1.9	1.3	.2								3.9	6.0
S	.7	4.1	2.9	.3								8.0	6.4
SSW	.3	3.0	2.2	1.3								6.9	7.7
SW	.1	4.9	6.6	1.8	.2							13.4	8.1
WSW	.2	2.6	4.0	1.7	.1							8.7	6.4
W	.6	1.2	4.3	1.2		.1						7.4	8.4
WNW	.1	2.0	1.6	.8	.3							4.8	8.4
NW		2.2	2.9	.7								4.9	7.8
NNW	.4	1.7	2.2	.7	.1	.1						5.2	7.9
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.8	//////
TOTALS	4.1	33.7	40.6	10.9	.8	.2						100.0	6.9

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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.6	1.4	.9								2.9	9.3
NNE	.1	.6	1.0	.3								2.0	8.2
NE		1.0	1.6	.7								3.2	8.3
ENE	.1	1.7	3.2	1.3								6.3	8.6
E	.1	1.0	2.8	2.0								5.9	9.3
ESE	.1	1.3	1.8	.6								3.8	7.5
SE		1.0	1.8	.2								3.0	7.6
SSE	.2	1.6	1.8	.8								4.2	8.1
S	.4	2.6	3.4	1.0								7.4	7.6
SSW	.1	1.3	2.8	.9	.1							5.2	8.6
SW		1.8	6.0	4.9	1.2							13.9	10.5
WSW	.1	1.1	4.9	4.3	.3							10.8	10.3
W		1.9	4.0	4.8	1.1							11.8	10.8
WNW		2.0	2.6	1.3								5.9	8.4
NW		1.6	2.2	2.7	.2							6.7	10.0
NNW	.2	1.4	2.9	1.3	.1							6.0	9.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.0	//////
TOTALS	1.4	22.3	44.1	29.0	3.1							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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.7	2.4	1.1								4.3	8.9
NNE		.4	.9	.6	.1							2.0	9.4
NE		.7	2.3	.6								3.6	8.6
ENE	.1	.4	2.7	.7	.2							4.1	9.2
E		1.2	2.7	1.2								5.1	8.7
ESE	.2	1.0	1.9	.2								3.3	7.4
SE	.2	.6	1.9	.7								3.3	8.4
SSE		.7	1.2	.7								2.6	8.6
S	.2	1.9	2.6	2.8								7.4	9.1
SSW		1.3	2.8	1.2								5.3	8.9
SW		1.4	3.7	4.3	1.9	.1						11.4	11.9
WSW	.2	.9	4.3	4.6	1.0	.1						11.1	11.3
W		2.1	4.8	6.1	1.6	.1						14.7	11.2
WNW	.1	1.4	2.2	3.0	.8							7.6	11.0
NW	.1	1.3	2.4	3.3	.6							7.8	10.9
NNW	.2	1.0	1.7	2.1								5.0	9.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	1.3	//////
TOTALS	1.6	17.1	40.4	33.1	6.1	.3						100.0	10.0

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.6	3.3	.4								5.4	7.8
NNE	.1	.3	.8	.1								1.3	7.3
NE		.4	1.4	.9								2.8	9.6
ENE		1.1	2.3	1.0								4.4	8.7
E		1.2	2.8	1.0								5.0	8.6
ESE	.2	1.4	2.0	.7								4.3	8.1
SE	.1	.6	.9	.3								1.9	7.8
SSE	.1	1.0	1.0	.8								2.9	8.0
S	.3	1.6	3.8	1.7								7.3	8.8
SSW	.1	.9	2.8	1.3	.6							5.7	10.0
SW		1.1	4.3	6.1	.8	.2						12.6	11.7
WSW	.2	1.0	3.2	3.8	.2	.1						8.6	10.8
W		1.1	4.2	4.6	1.0							10.9	11.2
WNW	.1	1.3	2.0	3.2	.6							7.2	10.9
NW		.6	3.4	6.8	.9	.1						11.8	12.2
NNW	.2	.8	3.0	2.7	.2							6.9	10.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.0	//////
TOTALS	1.7	16.0	41.3	35.3	4.2	.4						100.0	10.1

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.9	3.4	1.7	.1							6.2	9.2
NNE		.9	1.6	.3								2.8	7.8
NE	.1	.8	1.6	.3								2.8	7.6
ENE		.9	2.0	.9	.1							3.9	8.9
E	.1	2.3	4.1	1.0								7.6	8.0
ESE	.1	1.3	1.4	.2								3.1	6.9
SE		1.7	1.2									2.4	6.5
SSE	.2	1.9	1.3	.2								3.6	6.7
S	.4	5.1	2.0	.6								8.1	6.3
SSW	.4	2.2	2.4	1.3								6.4	8.1
SW	.2	3.2	5.0	3.7	.2							12.3	9.2
WSW	.1	1.6	3.2	1.8								6.7	9.0
W	.2	2.8	3.8	2.1	.1							9.0	8.5
WNW	.1	1.4	2.0	.8	.3							4.7	8.7
NW		2.0	5.1	4.7	.4							12.2	10.1
NNW	.1	1.2	3.3	1.4								6.1	8.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.1	//////
TOTALS	2.3	29.7	43.6	21.0	1.3							100.0	8.3

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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	2.7	2.8	.2								5.8	7.1
NNE		1.0	.6									1.6	6.2
NE		.9	1.0	.7								2.6	8.9
ENE	.1	1.1	1.6	.3								3.1	7.5
E	.1	3.9	5.0	1.3								10.2	7.8
ESE	.1	2.0	1.2	.1	.1							3.6	6.7
SE	.4	2.7	.4									3.6	4.9
SSE	.7	2.7	.2	.1								3.7	4.8
S	1.3	5.8	3.6		.1							10.8	5.8
SSW	.2	4.0	3.4	.6								8.2	7.0
SW	.9	4.3	3.6	.8	.1	.1						9.7	7.1
WSW	.6	2.1	2.0	.6	.1							5.3	7.0
W		2.9	1.3	.3								4.6	6.7
WNW	.1	2.7	1.4	.3	.1							4.7	7.0
NW		3.4	2.1	1.2								6.8	7.5
NNW	.1	3.2	1.9	.2	.1							5.6	6.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	10.4	//////
TOTALS	4.7	45.2	32.1	6.8	.7	.1						100.0	6.1

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: 725331 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.5	2.2	.7	.0							4.4	7.9
NNE	.1	.6	.8	.2	.0							1.7	7.6
NE	.1	.9	1.5	.5								2.9	8.3
ENE	.1	1.3	2.4	.8	.0							4.6	8.2
E	.1	2.4	3.5	1.0								7.0	7.8
ESE	.2	1.5	1.4	.2	.0							3.4	6.8
SE	.1	1.5	1.2	.2								3.2	6.3
SSE	.2	1.8	1.0	.3								3.4	6.5
S	.7	3.9	3.0	.8	.0							8.5	6.9
SSW	.3	2.3	2.8	.9	.1							6.5	7.9
SW	.3	3.3	4.9	2.9	.6	.1						12.1	9.2
WSW	.3	1.9	3.2	2.3	.2	.0						8.1	9.3
W	.3	2.6	3.3	2.5	.5	.0						9.1	9.3
WNW	.1	1.7	1.7	1.2	.3							5.1	8.9
NW	.1	2.1	2.4	2.5	.3	.0						7.4	9.6
NNW	.1	1.6	2.2	1.1	.1	.0						5.3	8.4
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.5	1.5	.1		.1						3.9	7.1
NNE	.3	1.0	.4	.1								1.8	5.7
NE	.1	1.2	.8									2.0	6.2
ENE		1.7	1.2	.4								3.3	7.1
E	.3	2.4	1.2	.2								4.0	6.0
ESE	.9	1.9	1.2									4.0	5.5
SE	.8	2.3	.4	.1								3.5	4.9
SSE	1.4	1.4	.1									2.9	4.2
S	1.3	5.7	1.9									8.9	5.4
SSW	.8	3.7	1.6	.6								6.7	6.2
SW	1.7	4.9	4.6	.8								11.3	6.7
WSW	.1	4.3	2.0	.8								7.2	6.5
W	.6	4.4	1.8	.3								7.2	6.1
WNW		2.0	.5	.1	.1							2.8	6.0
NW	.4	2.7	1.4	.2								4.7	6.1
NNW	.1	2.9	2.2	.1								5.3	6.1
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.9	//////
TOTALS	8.2	44.0	22.9	3.9	.1	.1						100.0	4.8

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		2.3	1.2									3.5	6.2
NNE	.4	1.8	.4	.1								2.8	5.3
NE	.1	1.8	1.5	.1								3.5	6.8
ENE		2.4	1.6	.1								4.1	6.4
E	.4	3.4	1.6									5.5	5.4
ESE	.4	1.1	.2									1.7	4.8
SE	.6	2.3	.2									3.1	4.5
SSE	1.3	1.0	.2									2.5	4.0
S	1.4	5.5	.8	.1								8.2	4.6
SSW	.9	2.5	2.4	.2								5.9	6.1
SW	.4	3.9	5.1	1.2								10.8	7.2
WSW	.6	4.1	2.6	.9								8.2	6.7
W	.5	4.9	1.8									7.1	5.6
WNW	.2	1.2	1.5	.2								3.1	6.9
NW	.4	.9	.9	.2								2.4	6.3
NNW	.4	1.6	1.1									3.4	5.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	29.2	//////
TOTALS	9.4	40.4	22.9	.1								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725333 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.5	1.3	.2								3.2	6.5
NNE	.1	1.2	1.0									2.3	5.9
NE	.1	1.2	2.2	.3								3.8	7.2
ENE	.2	2.3	2.3	.3								5.1	6.8
E	.6	3.2	3.0	.4								7.3	6.6
ESE	.4	1.3	.5	.2								2.5	5.8
SE	.3	2.4	.2									3.9	4.4
SSE	.6	1.6	.3									2.6	4.7
S	1.6	5.1	2.7	.2								9.6	5.7
SSW	.4	1.9	2.0	.1	.1							4.6	6.9
SW	1.3	4.5	4.8	1.4								12.0	7.1
WSW	.5	4.2	3.8	1.4								9.9	7.3
W	.7	3.8	2.6	.5								7.4	6.6
WNW	.1	1.5	1.4	.1								3.1	7.0
NW	.3	2.2	1.6									4.1	6.1
NNW	.2	1.1	1.8	.2								3.7	6.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	15.1	//////
TOTALS	9.5	44.2	31.5	5.5	.1							100.0	5.5

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: 72533J STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.2	2.2	.8								4.2	8.4
NNE	.1	.4	.5	.3								1.4	7.7
NE		.6	1.7	.3								2.7	8.6
ENE		1.5	3.3	.3								5.2	7.7
E	.1	2.3	4.2	.5								7.1	7.5
ESE		1.6	1.6	.4								3.7	7.3
SE	.1	1.6	1.4	.3								3.4	7.1
SSE	.1	1.9	1.2	.2								3.4	6.5
S	.4	3.2	2.5	.8								7.1	6.8
SSW	.1	2.2	2.9	1.2	.1							6.3	8.3
SW	.2	2.3	6.2	3.5	.2							12.3	9.0
WSW	.4	2.8	5.4	4.1	.1							13.3	9.1
W	.5	3.9	4.5	2.7	.1							12.2	8.3
WNW	.1	1.7	3.0	1.2								6.0	8.4
NW		1.8	1.3	1.2	.1							4.4	8.3
NNW		2.5	2.7	.6								5.4	7.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.9	//////
TOTALS	2.4	41.7	45.1	10.3	.6							100.0	6.0

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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.[illegible]	2.4	1.5								4.9	9.0
NNE	.1	.6	.4	.2								1.4	7.4
NE	.1	.4	1.6	.2								2.4	8.0
ENE	.1	.5	2.7	.3								4.1	9.0
E	.2	2.2	3.9	1.0								7.2	7.8
ESE	.2	2.3	1.9	.5								4.9	7.[illegible]
SE		1.3	.9	.3	.1							2.6	7.4
SSE		1.3	1.1	.1								2.5	6.8
S	.3	1.8	3.1	1.2	.2							6.7	8.2
SSW		1.2	2.4	1.0	.2							4.7	8.5
SW	.2	2.2	4.9	4.6	.1							12.0	9.6
WSW	.3	2.3	4.8	4.3	.5							12.7	9.9
W	.1	1.8	6.1	5.5	.4	.1						14.1	10.5
WNW		2.2	3.4	1.2	.2							6.9	8.6
NW		1.7	2.9	1.3	.4							5.5	9.[illegible]
NNW	.4	1.8	2.2	1.7								6.1	8.[illegible]
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.3	//////
TOTALS	2.[illegible]	24.0	44.7	25.4	2.3	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 23STF STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN KNOT
N	.1	1.0	2.7	.4								4.2	7.6
NNE		.4	.5	.2								1.0	7.9
NE		.2	1.4	.2								1.8	8.1
ENE	.1	.7	2.2	.4								3.5	8.1
E	.1	1.0	3.5	.5	.1							5.1	8.2
ESE	.1	1.2	1.1	.2								2.5	7.4
SE	.4	1.4	1.7	.1								3.9	6.7
SSE	.2	.6	1.0	.1								2.0	6.5
S	.	.2	3.4	1.2	.1							4.9	8.2
SSW	.1	1.4	2.2	1.0	.1							4.8	9.4
SW	.1	2.8	4.9	3.5	.6							11.3	9.7
WSW	.1	2.2	4.1	4.0	.2							11.4	9.9
W	.	3.1	5.8	4.8	.4	.2						14.0	10.2
WNW		1.2	3.2	1.7	.1							6.0	9.5
NW		.7	3.5	1.2								5.3	9.4
NNW	.1	1.4	2.7	1.3	.1							5.6	9.5
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

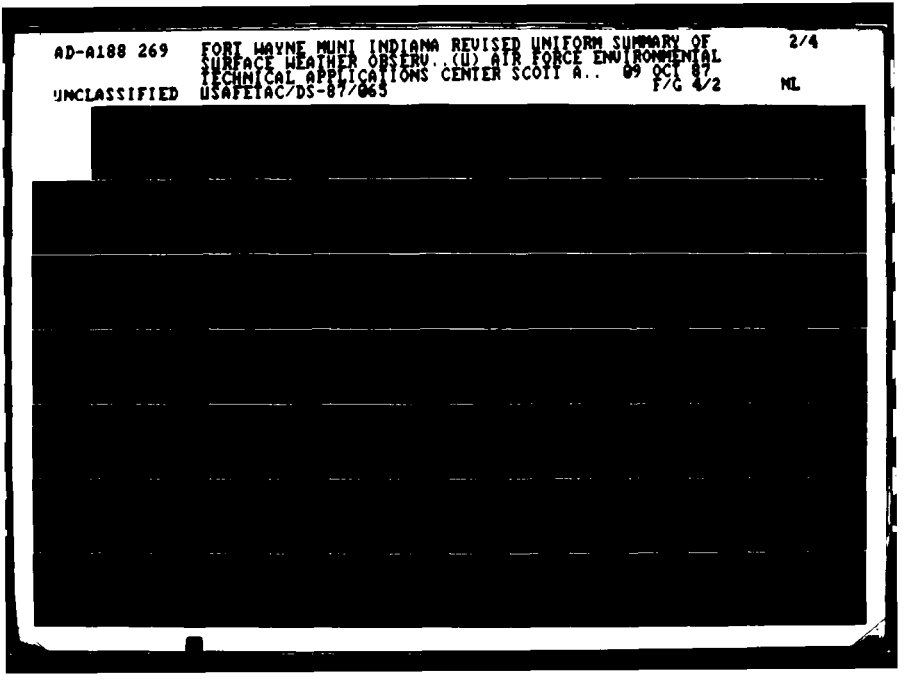
PERIOD OF RECORD: [illegible]
MONTH: JUL HOURS(LST): [illegible]

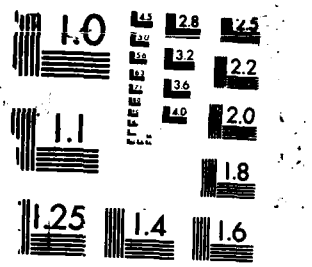
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	[illegible]	[illegible]	[illegible]	[illegible]
						WIND SPEED IN KNOTS							
N		1.1	3.3	.2									
NNE		.2	.8	.2	.1								
NE		1.1	1.4	.4									
ENE		.9	3.1	.3									
E	.4	4.0	3.1	.3									
ESE	.1	1.9	1.2	.3									
SE	.2	1.7	.6										
SSE	.7	1.3	.3	.1									
S	.5	4.3	3.1	.4									
SSW	.3	3.2	2.6	1.0	.1								
SW	.5	5.2	5.5	2.7	.2								
WSW	.7	3.0	4.5	1.4									
W	.1	4.1	4.4	3.0	.2								
WNW	.1	1.5	2.8	1.2									
NW	.1	1.9	3.0	[illegible]									
NNW	.1	1.0	3.0	[illegible]									
VARIABLE													
CALM	//////////	//////////	//////////	//////////									
TOTALS	3.1	[illegible]	[illegible]	[illegible]									

TOTAL NUMBER OF OBSERVATIONS: [illegible]

AD-A188 269 FORT WAYNE MUNI INDIANA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERV..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 09 OCT 87 2/4

UNCLASSIFIED USAFETAC/DS-87/065 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		1.5	1.0									2.5	6.4
NNE	.1	.2	.8									1.1	7.0
NE		.6	.3	.4								1.4	8.4
ENE	.1	2.2	1.4	.1								3.8	6.6
E	.1	6.0	1.6	.1								7.8	5.7
ESE	.6	2.8	1.2									4.6	5.2
SE	.6	1.9	.2									2.8	4.5
SSE	.9	2.3	.1									3.2	4.2
S	1.3	7.0	3.3	.4								11.7	5.8
SSW	1.3	4.7	2.0	.4								8.2	5.9
SW	1.6	6.1	2.9	.3								11.0	5.6
WSW	.5	4.4	2.0	.1								7.1	5.5
W	.3	2.9	2.4	.4								6.0	6.4
WNW	.2	1.3	.8	.2								2.5	6.1
NW	.4	3.0	2.8	.6	.1							7.0	7.2
NNW	.1	3.9	2.2	.2								6.2	6.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	13.1	//////
TOTALS	7.5	59.8	24.9	3.4	.1							100.0	5.2

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.5	1.9	.4		.0						3.9	7.6
NNE	.1	.7	.6	.1	.0							1.7	6.7
NE	.1	1.0	1.4	.3								2.7	7.6
ENE	.1	1.6	2.3	.4								4.3	7.5
E	.3	3.2	2.8	.4	.0							6.6	6.8
ESE	.3	1.8	1.1	.3								3.5	6.3
SE	.5	2.0	.7	.1	.0							3.3	5.6
SSE	.6	1.4	.5	.1								2.6	5.3
S	.9	4.3	2.6	.5	.0							8.5	6.3
SSW	.4	2.6	2.3	.8	.1							6.2	7.3
SW	.8	3.9	4.8	2.2	.1							11.8	7.9
WSW	.4	3.4	3.7	2.2	.1							9.8	8.1
W	.4	3.5	3.7	2.2	.1	.0						10.0	8.3
WNW	.1	1.5	2.0	.7	.1							4.5	8.0
NW	.2	1.9	2.2	1.1	.1							5.5	8.1
NNW	.3	2.0	2.2	.9	.0							5.3	7.6
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	2.0	1.4	.1								4.0	6.1
NNE	.2	1.6	.2	.1								2.2	5.4
NE	.2	1.6	.6	.1								2.6	6.0
ENE		1.7	1.5	.2								3.4	6.8
E	.8	3.1	1.8									5.7	5.6
ESE	.4	2.0	.4	.1								3.0	5.2
SE	1.2	1.5	.1									2.8	4.0
SSE	1.0	2.2	.2									3.3	4.5
S	1.0	5.5	2.4	.5								9.4	5.9
SSW	1.0	3.5	1.6	.4								6.6	5.8
SW	1.4	5.7	3.1	.9								11.1	6.3
WSW	.5	3.1	.9	.5								5.1	6.1
W	.6	2.4	1.3	.2		.1						4.6	6.5
WNW	.2	1.6	.3									2.2	5.3
NW	.4	3.5	.4									4.4	4.8
NNW	.5	2.8	.8									4.1	5.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	25.7	//////
TOTALS	9.9	44.0	17.1	3.2		.1						100.0	4.3

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	2.3	1.4	.1								4.0	6.0
NNE	.2	1.0	.9	.2								2.3	6.5
NE	.2	1.4	2.0	.2								3.9	7.1
ENE	.3	2.4	1.5									4.2	5.8
E	1.1	3.7	1.1									5.8	5.0
ESE	.6	1.7	.1	.1								2.6	4.7
SE	1.5	1.6	.1	.1								3.3	4.2
SSE	.5	2.3	.1									2.9	4.6
S	1.3	4.6	1.7	.1								7.7	5.2
SSW	.4	3.4	1.9	.4	.1							6.3	6.6
SW	1.0	5.4	3.2	.9								10.4	6.4
WSW	1.0	4.1	2.0	.2	.2							7.5	6.1
W	.6	2.8	2.3									5.7	5.9
WNW	.3	.4	.3	.4								1.5	6.8
NW	.4	2.9	.4									3.8	5.1
NNW	.4	2.0	1.0									3.4	5.4
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	.4	2.0	1.3	.6								4.4	7.1
NNE		1.6	1.2	.1								2.9	6.5
NE	.1	2.0	2.0	.1								4.3	6.8
ENE	.5	2.0	2.9									5.5	6.2
E	.9	4.2	1.5	.1								6.7	5.6
ESE	.9	2.3	.2	.1								3.4	4.8
SE	.6	1.6	.4	.1								2.8	5.0
SSE	.6	1.6	.3									2.6	4.5
S	.9	4.6	2.0	.3								7.8	5.9
SSW	.9	3.1	2.8	.4								7.2	6.2
SW	1.4	6.6	2.8	.8								11.5	6.0
WSW	.3	3.9	3.5	.8								8.5	6.9
W	.2	2.9	2.9	.1								6.1	6.5
WNW		.8	.9									1.6	6.7
NW	.6	1.7	.8	.1								3.2	5.4
NNW	.5	1.8	.6	.2								3.2	5.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	18.2	//////
TOTALS	8.9	42.9	26.2	3.9								100.0	5.0

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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		1.0	2.4	1.2								4.5	9.0
NNE	.2	.4	.6	.5								2.2	7.9
NE		1.0	2.3	.6								3.9	8.7
ENE	.1	1.9	2.6	.9								5.5	7.9
E	1.0	4.1	3.9	.8								9.7	6.8
ESE		1.7	1.4	.2								3.3	7.1
SE	.3	2.7	1.9									4.9	6.0
SSE	.2	2.4	.9	.1								3.5	5.8
S	.9	4.4	4.2	.5								10.3	6.4
SSW	.3	1.1	3.5	1.0								5.9	8.0
SW	.5	3.3	6.6	3.2	.1							13.9	8.5
WSW		1.2	4.7	3.0								8.9	9.6
W	.1	2.5	4.3	1.7								8.6	8.5
WNW	.1	2.0	2.3	.4								4.8	7.2
NW	.3	1.3	1.6	1.0	.1							4.3	9.1
NNW	.3	.6	1.7	.4		.1						3.2	8.2
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.4	1.6	1.1								4.3	8.0
NNE	.1	.5	1.5	.6								2.8	8.2
NE		.9	1.9	.5								3.3	8.6
ENE	.1	.9	2.3	.9								4.1	8.5
E	.2	2.8	3.2	1.0								7.2	7.5
ESE	.2	1.3	1.9	.3								3.9	7.3
SE	.2	2.0	2.0	.2								4.5	6.9
SSE	.1	1.8	1.5									3.4	6.2
S	.2	3.1	5.3	.5								9.1	7.4
SSW	.2	1.7	3.0	1.4								6.3	8.4
SW		1.4	6.0	5.1	.4							12.9	10.5
WSW	.1	1.4	4.4	4.9	.3							11.2	10.4
W		1.8	4.7	4.5	.1							11.2	10.2
WNW	.1	1.0	1.7	2.0								4.8	9.7
NW		1.3	2.8	.9								4.9	8.3
NNW	.1	1.4	2.7	1.0								5.2	8.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.8	//////
TOTALS	2.1	24.7	46.7	24.9	.9							100.0	8.7

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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.1	2.6	.9								4.6	8.2
NNE		1.1	.9	.4								2.4	8.1
NE	.1	.9	1.1	.3								2.4	7.3
ENE		1.1	2.6	1.0								4.6	8.6
E		2.4	2.6	.8								5.7	7.7
ESE		1.6	1.4	.3								3.3	6.8
SE	.1	2.6	.8	.4								3.9	6.4
SSE	.1	2.2	2.0	.1								4.6	6.3
S	.2	3.9	5.2	1.0								10.2	7.4
SSW		1.9	2.9	1.5	.2							6.6	9.0
SW	.1	2.4	5.9	3.3	.3							12.2	9.4
WSW	.2	.8	4.1	3.8	.6							9.5	10.7
W	.1	1.2	6.6	4.2	.1							12.2	10.0
WNW	.1	.5	2.9	1.0	.1							4.6	9.2
NW		1.8	2.2	2.3	.1							6.3	9.4
NNW		1.6	3.5	.9								6.0	8.3
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.0	//////
TOTALS	1.5	26.9	47.1	22.0	1.5							100.0	8.6

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	1.0	3.1	.4	.1							4.8	8.1
NNE	.1	.9	.5	.2								1.6	7.1
NE		.5	.9	.6								2.0	8.7
ENE	.1	1.4	3.5	.1								5.2	7.5
E	.4	3.5	3.1	.1								7.2	6.3
ESE	.3	3.4	.9			.1						4.7	5.7
SE	.5	3.3	.2									4.1	4.4
SSE	.8	2.5	.5									3.8	4.9
S	1.5	6.3	4.2	.4								12.6	6.0
SSW	.8	2.9	2.0	.3								6.0	6.4
SW	.5	4.0	3.0	1.6	.1							9.2	7.4
WSW	.3	2.8	3.2	.9	.1							7.3	7.7
W	.5	3.3	3.0	.8								7.6	7.0
WNW	.4	2.3	1.8	.2								4.7	6.4
NW	.1	2.5	3.5	1.2	.1							7.4	8.1
NNW		2.7	3.2	1.0								6.9	7.7
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.6	1.1	.3								3.1	6.9
NNE		1.2	.3	.1								1.6	5.6
NE	.1	1.9	.4									2.5	5.2
ENE	.1	1.9	1.0	.3								3.3	6.7
E	.9	3.9	2.9									7.6	5.7
ESE	.9	3.3	.4									4.6	4.7
SE	1.1	4.0	.2									5.3	4.4
SSE	1.0	2.6	.4									4.0	4.6
S	1.5	7.0	2.4	.3								11.2	5.6
SSW	.6	3.2	2.2	.5								6.6	6.4
SW	1.4	4.1	2.6	.3								8.4	5.8
WSW	.9	2.2	.9									3.9	5.2
W	.8	1.5	1.0	.1								3.4	5.2
WNW	.4	1.1	.3	.1								1.9	5.4
NW	.4	3.1	1.4	.1								5.1	6.0
NNW	.3	3.3	2.8	.1								6.6	6.4
VARIABLE													
CALM	//////////											21.0	//////
TOTALS	10.5	45.9	20.2	2.4								100.0	4.5

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.5	1.9	.6	.0							4.2	7.5
NNE	.1	1.1	.8	.3								2.2	7.0
NE	.1	1.3	1.4	.3								3.1	7.3
ENE	.2	1.7	2.2	.4								4.5	7.3
E	.6	3.5	2.5	.3								6.9	6.3
ESE	.4	2.2	.8	.1		.0						3.6	5.8
SE	.7	2.4	.7	.1								4.0	5.2
SSE	.6	2.2	.8	.0								3.5	5.3
S	.9	5.0	3.4	.5								9.8	6.2
SSW	.5	2.6	2.5	.8	.0							6.4	7.1
SW	.3	4.1	4.2	2.0	.1							11.2	7.7
WSW	.4	2.4	3.0	1.8	.2							7.7	8.3
W	.4	2.3	3.3	1.5	.0	.0						7.4	8.1
WNW	.2	1.2	1.3	.5	.0							3.3	7.5
NW	.3	2.3	1.6	.7	.0							4.9	7.2
NNW	.3	2.0	2.0	.4		.0						4.8	7.0
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.7	1.6	.2								3.9	6.2
NNE	.3	1.2	.4	.2								2.2	6.0
NE	.1	1.2	1.6	.8								3.7	7.9
ENE	.2	1.6	1.3	.2								3.3	6.6
E	.9	4.1	.3	.3								5.7	5.2
ESE	.3	2.4	.7	.1								3.6	5.5
SE	.4	2.3	.6									3.3	5.2
SSE	.9	3.4	.3									4.6	4.8
S	1.7	6.4	3.0	.1								10.9	5.7
SSW	.9	4.4	2.3	.2								7.9	6.0
SW	1.9	4.2	4.3	.9								10.8	6.9
WSW	.2	3.1	1.4	.3								5.1	6.5
W	.2	2.6	1.0	.1	.2							4.1	6.7
WNW	.1	1.0	1.4	.1								2.7	6.9
NW		3.4	1.0	.6								5.0	6.6
NNW	.3	1.4	1.3	.2	.1							3.4	7.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	19.9	//////
TOTALS	8.3	44.3	22.7	4.4	.3							100.0	5.0

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N		1.8	.9	.4								3.1	7.2
NNE	.2	.9	.8	.1								2.0	6.9
NE	.4	1.9	2.2	.4								5.0	6.8
ENE	.1	2.3	1.6	.1								4.1	6.1
E	.7	2.4	.2	.3								3.7	5.1
ESE	.3	1.8	.6	.3								3.0	5.6
SE	.8	1.8										2.6	4.0
SSE	.6	3.7	.4									4.7	4.9
S	.7	6.0	2.2	.1								9.0	5.6
SSW	.3	3.4	2.7	.6								7.4	6.4
SW	.3	4.3	3.4	1.2								9.8	6.9
WSW	.4	2.6	2.1	.6								5.7	6.9
W	.3	2.6	2.4	.3	.1							5.8	6.9
WNW	.2	[illegible]	.8									2.9	6.1
NW	.7	3.1	.8	.4								5.0	5.8
NNW	.1	1.7	1.6	.1								3.4	6.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	22.9	//////
TOTALS	7.1	42.1	22.7	5.1	.1							100.0	4.8

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	1.9	.8	.3	.1							3.6	6.4
NNE	.2	1.2	.9	.2								2.6	6.7
NE	.1	1.1	2.3	.2								3.8	7.5
ENE	.4	2.2	2.3									5.0	6.2
E	.9	2.7	1.6	.1								5.2	5.7
ESE	.3	1.8	.9	.1								3.1	6.1
SE	.9	2.3	.3									3.6	4.4
SSE	.9	2.0	.3									3.2	4.8
S	1.9	4.9	2.6	.2								9.6	5.5
SSW	.8	3.8	3.0	.4	.1							8.1	6.6
SW	.9	5.6	4.9	1.6								12.9	6.9
WSW		2.7	2.7	.3								5.7	6.9
W	.7	2.7	3.4	.8								7.6	7.1
WNW	.2	1.7	.4	.1								2.4	6.0
NW	.7	2.1	1.2	.1								4.1	5.9
NNW	.2	1.3	.8	.3								2.7	6.6
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.4	2.3	.7								4.6	7.8
NNE	.1	.7	.6	.6								1.9	8.6
NE	.1	1.3	1.7	.7								3.8	7.5
ENE	.2	1.3	2.8	.3								4.7	7.4
E	.3	2.1	3.6	.6								6.6	7.5
ESE	.3	1.1	1.3	.1								2.9	6.6
SE	.3	1.6	1.1	.2								3.2	6.7
SSE	.3	.8	2.4									3.6	7.0
S	.2	4.3	5.2	1.6								11.3	7.9
SSW	.1	1.3	3.7	1.3								6.4	8.6
SW	.6	2.9	7.1	4.3	.4							15.2	9.2
WSW	.1	2.1	4.6	3.3	.1							10.2	9.6
W	.3	1.9	5.2	3.0								10.4	9.2
WNW	.3	1.7	1.6	.7								4.2	7.5
NW		1.6	2.1	1.0								4.7	8.6
NNW	.2	1.6	1.2	.2								3.2	6.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.1	//////
TOTALS	3.9	27.6	46.4	19.6	.6							100.0	8.0

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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.2	2.7	.7								4.8	8.0
NNE	.1	.6	1.1	.6								2.3	8.6
NE		1.1	1.1	.8								3.0	8.8
ENE	.4	1.7	1.8	.3								4.2	7.0
E	.1	2.1	3.2	.1								5.6	7.0
ESE		.7	1.3	.4								2.4	8.2
SE	.4	1.4	2.2	.7								4.8	7.6
SSE		.7	2.0	.7								3.3	8.3
S		1.7	5.1	1.9								8.7	9.1
SSW		.7	3.9	1.8	.2							6.4	9.5
SW		1.1	5.9	6.6	.6							14.1	11.3
WSW	.2	1.2	4.3	6.0	1.1							12.9	11.2
W		2.7	4.6	4.4	.6							12.2	10.0
WNW	.1	.9	1.6	1.4								4.0	8.9
NW		1.1	2.6	3.1								6.9	10.1
NNW	.1	.9	2.6	.6								4.1	8.1
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		1.7	2.6	.8								5.0	8.0
NNE		.8	1.0	.6								2.3	8.1
NE		.3	1.1	.6								2.0	8.7
ENE	.1	.3	2.2	.4								3.1	8.5
E	.2	1.8	2.9	.2								5.1	7.4
ESE		1.1	1.8	.2								3.1	7.3
SE	.1	1.3	1.0	.1								2.6	6.6
SSE	.2	.9	1.3	.2								2.6	7.0
S	.3	2.1	5.6	2.4								10.4	8.6
SSW		.9	4.0	1.4	.1							6.4	9.4
SW		1.7	7.8	5.2	1.0							15.7	10.7
WSW	.2	1.9	3.3	3.9	.3							9.7	10.2
W	.1	2.1	4.8	3.6	.3	.3						11.2	10.0
WNW		1.3	2.9	2.2	.1							6.6	9.5
NW		.7	3.8	3.1	.1							7.7	10.3
NNW		.4	2.7	1.6	.1							5.1	9.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.4	//////
TOTALS	1.2	19.6	48.7	26.6	2.1	.3						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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		2.2	2.4	.6								5.3	7.5
NNE		1.1	1.6	.3								3.0	7.5
NE	.1	.8	.6									1.4	6.2
ENE		2.0	1.7	.3								4.0	7.1
E		3.3	3.3									6.7	6.5
ESE	.6	2.9	1.0									4.3	5.3
SE	.7	3.0	.3									4.0	4.8
SSE	.7	2.6	.4									3.7	4.7
S	1.0	7.6	3.3	.7								12.6	6.1
SSW	.3	4.7	3.6	.2	.1							8.6	6.7
SW	.3	4.7	4.0	1.4								10.4	7.3
WSW	.7	2.7	1.6	1.1								6.0	7.1
W	.2	2.3	1.7	1.4								5.7	8.1
WNW	.2	1.0	2.1	.9	.1							4.3	8.0
NW		1.8	3.3	1.8	.1							7.0	8.9
NNW		2.6	3.6	1.2								7.3	7.8
VARIABLE													
CALM	//////////											5.7	//////
TOTALS	6.3	44.6	34.4	10.0	.3							100.0	6.6

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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	2.6	2.1	.4								5.3	6.9
NNE	.6	1.2	1.0	.2	.1							3.1	6.9
NE	.4	1.0	.9	.1								2.4	6.0
ENE	.1	1.9	.6	.3								2.9	6.8
E	.3	4.3	3.2	.1								8.0	6.4
ESE	.3	2.2	.7									3.2	5.3
SE	.3	2.1	.3									2.7	5.0
SSE	.7	3.3	.9									4.9	5.1
S	.6	10.2	2.6	.3								13.7	5.6
SSW	1.1	5.0	2.0	.7								8.8	6.1
SW	.9	2.7	2.6	.9	.1							7.3	7.3
WSW	.9	2.4	1.8	.2								4.7	6.3
W		2.3	1.0	.4								3.8	6.9
WNW	.3	1.7	1.2	.6								3.3	7.6
NW	.3	4.1	1.4	.9	.1							6.8	6.9
NNW	.4	3.1	1.7	.7								5.9	6.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	13.2	//////
TOTALS	6.6	49.9	24.1	5.9	.7							100.0	5.5

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.8	1.9	.5	.0							4.4	7.3
NNE	.2	1.0	.9	.3	.0							2.4	7.4
NE	.2	1.1	1.4	.4								3.1	7.4
ENE	.2	1.7	1.8	.3								3.9	6.9
E	.4	2.9	2.3	.2								5.8	6.4
ESE	.3	1.7	1.0	.2								3.2	6.1
SE	.5	2.0	.7	.1								3.3	5.6
SSE	.5	2.2	1.0	.1								3.8	5.7
S	.7	5.4	3.7	.9								10.8	6.7
SSW	.5	3.0	3.1	.8	.1							7.5	7.3
SW	.3	3.4	5.0	2.8	.3							12.0	8.6
WSW	.1	2.3	2.7	2.0	.2							7.5	8.8
W	.3	2.4	3.0	1.8	.2	.0						7.6	8.6
WNW	.2	1.3	1.5	.7	.0							3.8	7.9
NW	.2	2.2	2.0	1.4	.0							5.9	8.1
NNW	.2	1.7	1.9	.6	.0							4.4	7.5
VARIABLE													
CALM	//////////											10.4	//////
TOTALS	5.4	36.0	34.2	17.2	.8	.0						100.0	6.7

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.3	1.5	.4								3.3	7.4
NNE	.2	1.2	.9									2.3	5.7
NE	.3	1.3	1.7	.2								3.4	7.0
ENE	.2	1.8	1.8	.9								4.7	7.6
E	.5	3.0	5.3	1.3								10.9	7.5
ESE	.1	1.8	1.2	.5								3.7	7.2
SE	.5	2.0	1.0	.2								3.9	5.9
SSE	.5	2.4	.8	.2								3.7	5.7
S	1.4	3.8	2.9	.6								8.7	6.7
SSW	.6	3.5	2.4	.6								7.2	6.6
SW	.8	3.7	4.9	1.5	.1		.1					11.1	8.0
WSW	.5	2.0	2.9	1.3	.1							6.9	8.2
W	.3	3.1	3.4	2.3	.5							9.6	9.1
WNW		1.4	1.5	.5		.1						3.5	8.1
NW		1.6	1.1	.2								2.9	6.6
NNW	.3	1.2	1.3	.1								2.9	6.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.4	//////
TOTALS	6.5	35.9	34.3	11.2	.3	.1	.1					100.0	6.5

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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.7	1.2	.3								3.9	6.7
NNE		.8	.6									1.4	6.1
NE	.1	2.7	1.5	.4								4.3	7.0
ENE		2.8	2.8	1.0								6.6	7.7
E	1.3	3.7	4.0	.6								9.2	6.7
ESE	.7	1.3	.6	.1								2.4	5.9
SE	.4	2.4	.8									3.5	5.2
SSE	.2	2.6	.5	.1								3.4	5.6
S	.3	2.4	4.0	1.0	.1							8.2	7.8
SSW	.1	2.4	1.3	.3	.1							4.2	7.0
SW	.4	3.5	3.7	2.3	.2							10.1	8.4
WSW	.5	3.1	4.3	1.1	.3	.1						9.5	8.1
W	.2	2.4	4.6	2.9	.1	.1						10.3	9.3
WNW	.1	1.5	1.2	.4								3.2	7.4
NW	.4	1.6	.4	.2								2.7	5.6
NNW	.4	1.7	1.2	.1								3.0	6.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	14.5	//////
TOTALS	5.2	35.6	32.7	10.9	.9	.2						100.0	6.3

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.4	.6	.4								2.7	6.8
NNE	.3	.7		.1								.8	5.4
NE	.2	1.0	.9	.2								2.3	6.9
ENE		1.9	3.2	.9								5.9	7.8
E	.2	3.9	4.0	1.8								9.9	7.6
ESE	.6	1.9	.5									3.1	5.2
SE	.6	1.4	1.0									3.0	5.5
SSE	.6	2.3	1.4	.1								4.4	5.9
S	.9	4.2	3.8	1.1								9.9	7.0
SSW	.4	1.4	1.8	.8								4.4	7.2
SW	.5	2.8	5.1	1.9	.3							10.6	8.4
WSW	.3	4.0	3.7	1.6	.3	.1						9.7	8.2
W	.2	2.6	4.4	3.0	.4	.1						10.8	9.4
WNW	.1	.9	1.4	.4								2.8	7.8
NW	.2	1.2	.9	.6								3.1	7.2
NNW	.1	.8	1.2	.4								2.8	7.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	13.9	//////
TOTALS	5.9	31.9	33.5	17.4	1.1	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	.8	1.7	1.1								3.8	8.8
NNE		.8	.8									1.5	6.3
NE	.1	.4	1.0	1.1								2.6	9.3
ENE		1.7	1.8	1.4								4.5	8.5
E		2.2	4.7	3.5								10.4	9.2
ESE	.6	.9	1.9	.6								4.1	7.6
SE	.1	1.5	2.0	.1								3.8	6.8
SSE	.3	1.7	1.5	1.2								4.7	8.0
S		2.0	4.0	3.2	.1							9.4	9.7
SSW	.2	1.2	2.4	2.6	.3							6.7	10.0
SW	.1	.8	4.2	4.3	1.0							10.3	11.3
WSW	.3	2.0	4.1	2.7	.6	.4						10.0	10.1
W		.8	5.1	5.6	.9	.1						12.4	11.3
WNW	.4	.9	1.8	2.0	.1							5.3	9.3
NW		1.2	1.7	1.1								4.0	8.6
NNW	.2	.9	1.9	1.0								3.9	8.8
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.0	//////
TOTALS	2.7	19.7	40.5	31.5	3.0	.9						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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.0	1.9	1.1								4.1	8.8
NNE	.1	.3	.9	.3								1.6	8.7
NE		1.0	.9	.6								2.5	8.1
ENE		1.0	1.6	.9								3.4	8.7
E	.1	.6	4.6	3.5	.1							9.0	10.3
ESE	.1	.8	1.4	1.6								3.9	9.6
SE	.1	1.2	2.0	.8								4.1	7.9
SSE	.1	1.3	1.2	.5								3.1	7.7
S	.1	1.1	3.0	4.1	.6							8.9	11.0
SSW		.3	2.4	2.4	.3							5.4	11.2
SW	.2	1.3	3.2	5.3	2.2	.2						12.4	12.3
WSW	.2	1.1	2.7	4.4	.9	.2						9.5	11.8
W		1.7	4.2	7.5	2.7	.2						15.9	12.5
WNW		.5	1.6	2.7	.4	.1						5.4	11.7
NW		.9	1.9	2.6								5.4	10.7
NNW	.2	.9	2.3	1.3								4.6	8.9
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N		1.0	2.4	.5								3.9	8.2
NNE	.1	.4	.3	.1								1.0	6.8
NE	.2	.8	.9	.8								2.6	8.4
ENE	.1	.3	2.5	1.3								4.2	9.3
E	.2	1.4	4.6	3.4	.2							9.9	9.7
ESE		1.4	1.5	1.3								4.2	8.6
SE	.1	1.2	1.5	.4								3.2	7.1
SSE	.1	1.7	1.4	.8	.1							3.5	8.9
S		1.1	2.8	3.7	.2							7.7	10.3
SSW		.9	2.8	2.6	.4							6.7	10.5
SW		1.3	3.7	5.3	1.2							11.4	11.6
WSW		1.0	3.4	3.3	.3							8.1	10.7
W	.1	1.7	3.2	6.3	2.4	.1						13.4	12.7
WNW		.9	2.0	3.7	.2							6.8	11.1
NW		1.2	2.9	3.0	.4							7.5	10.4
NNW		1.3	1.9	1.8	.1							5.2	9.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.8	//////
TOTALS	1.1	[illegible]	37.8	38.3	5.6	.1						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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	2.2	.9	.5								3.8	7.0
NNE	.1	.5	.4	.6								1.7	8.6
NE		1.1	.5	.4								2.0	8.2
ENE		1.4	3.1	.6								5.2	8.0
E	.4	4.5	4.6	2.9	.2							12.6	8.3
ESE	.2	1.3	1.3									2.8	6.1
SE	.5	3.2	1.1	.2								5.1	5.9
SSE	.1	1.1	.5	.2								1.9	6.4
S	.5	4.4	4.4	1.2	.1							10.6	7.3
SSW	.4	2.9	3.1	.9								7.3	7.1
SW	.3	2.9	3.4	1.4								8.1	7.7
WSW	.3	2.3	2.3	1.0	.1							5.9	7.8
W	.3	1.3	3.1	3.2	.3							8.3	10.2
WNW	.1	2.2	2.9	1.6								6.8	8.5
NW		1.7	2.8	1.4	.1							6.0	8.9
NNW	.1	1.8	2.4	1.0								5.3	8.1
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		2.0	2.4	.6								5.1	7.7
NNE	.4	.5	.4	.2								1.6	6.7
NE		1.1	1.0	.5								2.6	7.8
ENE		1.9	1.9	1.0								4.6	8.0
E	.2	4.3	6.6	2.3	.2							13.5	8.2
ESE	.5	.9	1.0	.1								2.5	6.2
SE	.5	2.5	.8	.3								4.1	5.9
SSE	.5	2.6	1.0	.3								4.4	6.3
S	1.1	2.7	3.7	1.5								8.8	7.6
SSW	.5	2.9	2.9	.5								6.8	6.8
SW	.9	2.4	4.8	1.7								9.8	7.9
WSW	.4	1.9	1.5	1.4	.2							5.5	8.5
W	.3	2.2	3.3	2.7	.2							8.7	9.2
WNW	.1	2.4	1.5	.5								4.5	7.1
NW		1.8	2.0	.3	.1							4.3	7.6
NNW	.2	.6	1.9	.3								3.1	7.5
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.1	//////
TOTALS	5.7	32.6	36.5	14.4	.9							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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.4	1.6	.6								3.7	7.7
NNE	.2	.6	.5	.2								1.5	6.9
NE	.1	1.1	1.0	.5								2.8	7.7
ENE	.3	1.5	2.3	1.0								4.9	8.2
E	.3	3.[illegible]	4.8	2.4	.1							10.7	8.4
ESE	.3	1.3	1.2	.5								3.3	7.3
SE	.4	1.9	1.3	.3								3.6	6.3
SSE	.3	1.9	1.0	.4	.0							3.7	6.8
S	.6	2.7	3.6	2.0	.1							9.0	8.3
SSW	.[illegible]	1.9	2.4	1.3	.1							6.1	8.3
SW	.4	2.3	4.1	3.0	.6	.0	.0					10.5	9.6
WSW	.3	2.2	3.1	2.1	.4	.1						8.2	9.3
W	.2	1.[illegible]	3.9	4.2	.9	.1						11.2	10.7
WNW	.1	1.3	1.7	1.5	.1	.0						4.8	9.2
NW	.1	1.4	1.7	1.2	.1							4.5	8.7
NNW	.2	1.1	1.8	.8	.0							3.8	8.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.5	//////
TOTALS	4.[illegible]	27.6	36.[illegible]	22.0	2.5	.2	.0					100.0	8.0

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	2.2	2.0	.4	.1							5.0	7.3
NNE		.9	.6	.2								1.6	8.3
NE	.2	.7	.7	.6	.2							2.3	8.9
ENE	.4	1.1	1.9	1.3								4.8	8.5
E	.1	2.3	3.1	2.0	.2							7.8	8.8
ESE	.2	1.8	1.4	.1								3.6	6.6
SE	.6	2.0	1.0	.2								3.8	6.3
SSE	.2	3.6	1.6	.6	.1							6.0	6.6
S	.9	3.4	2.7	1.2								8.2	6.9
SSW	.2	1.7	2.0	1.4	.2							5.6	8.9
SW	.4	3.2	4.7	2.2	.4							11.0	8.5
WSW	.3	1.4	3.0	1.6	.7							7.0	9.3
W	.4	1.8	3.9	4.3	2.0	.6						13.0	11.8
WNW		1.9	2.0	1.0	.1							5.0	8.7
NW		.8	1.6	.9	.2							3.4	9.6
NNW	.1	1.6	1.0	.4	.1							3.2	7.8
VARIABLE													
CALM	//////////											8.8	//////
TOTALS	4.4	35.2	33.0	19.6	4.4	.5						100.0	7.9

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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 73-86
MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.4	1.1	.6	.2							3.6	8.2
NNE	.2	.6	.3	.3								1.4	7.8
NE		1.2	.6	.7								2.4	7.8
ENE	.2	1.1	2.6	1.7								5.8	8.8
E	.5	1.8	3.6	1.0								6.9	8.1
ESE	.1	1.2	1.4	.3								3.1	7.6
SE	.9	2.2	1.3	.2								4.6	6.0
SSE	.8	2.7	1.8	.2								5.4	6.0
S	.2	2.6	3.9	1.3	.2	.3						8.6	8.7
SSW	.6	2.8	1.6	.4		.1						5.4	6.8
SW	.4	3.2	4.4	1.8	.4							10.3	8.2
WSW	.2	1.9	1.4	2.2	.3							6.1	9.6
W	.3	3.4	5.3	4.9	1.7	.1						15.8	10.5
WNW		1.7	1.4	.9								3.7	8.5
NW	.7	1.9	1.2	.7	.1							4.2	7.4
NNW		1.0	1.0	.6								2.6	8.1
VARIABLE													
CALM	//////////											10.1	//////
TOTALS	5.0	30.3	33.2	17.6	3.0	.6						100.0	7.5

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	.9	1.2	.8	.1							3.2	8.5
NNE		.4	.8	.2								1.4	7.9
NE	.1	.3	1.7	.2								2.3	7.4
ENE	.4	1.9	3.0	1.1								6.3	8.0
E	.3	2.6	2.6	1.2	.2							6.8	8.2
ESE	.3	1.3	1.2	.1								3.0	6.5
SE	.4	2.9	1.7	.3								5.2	6.4
SSE	.2	2.7	1.2	.3								4.4	6.3
S	.4	2.7	3.4	1.9	.3	.1						8.9	8.5
SSW	.4	2.6	3.1	1.0		.1						7.2	7.8
SW	.8	2.6	4.0	1.6	.2	.2						9.3	8.4
WSW	.2	2.2	1.8	2.3	.4	.1						7.1	9.6
W	.3	2.7	4.1	6.2	1.2							14.6	10.9
WNW		1.1	.8	.9								2.8	8.5
NW	.1	2.1	1.1	.7								4.0	7.2
NNW		1.6	1.6	.9								4.0	8.3
VARIABLE													
CALM	//////////											9.3	//////
TOTALS	4.1	32.4	33.2	19.8	2.6	.6						100.0	7.7

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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.4	2.2	1.6	.1							4.4	9.7
NNE		.1	.6	.6								1.2	10.1
NE		1.1	.7	1.0								2.8	8.5
ENE	.2	.9	3.8	1.6								6.4	9.2
E	.1	2.8	4.3	1.1	.2							8.6	8.3
ESE	.1	.8	1.1									2.0	6.9
SE	.2	1.2	1.6	.2	.1							3.3	7.0
SSE	.4	1.8	1.9	.7								4.4	7.5
S	.2	1.7	4.6	4.2	.1	.1						10.9	9.7
SSW	.3	.9	3.0	1.7	.3							6.2	9.3
SW	.3	1.9	4.7	4.6	1.0	.1						12.2	10.3
WSW		1.6	2.4	3.3	.7	.1	.1					8.2	11.0
W		1.7	5.3	7.1	1.7							15.4	11.7
WNW		1.4	.7	1.7	.2							4.0	9.8
NW		1.4	.9	.4								2.8	6.8
NNW		.8	1.2	1.6	.2							3.8	10.6
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.2	//////
TOTALS	2.1	19.9	38.6	31.2	4.7	.7	.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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		1.0	1.0	1.4								3.2	9.5
NNE		.2	.7	.5								1.2	9.1
NE		1.0	.7	.4								2.1	7.9
ENE		1.0	3.0	2.1								6.1	9.4
E		1.7	3.8	1.6	.3							7.3	9.5
ESE	.1	.7	1.6	.6								2.9	8.4
SE		1.0	1.7	.7								3.3	8.3
SSE		1.2	1.2	.4								2.9	7.4
S		1.8	3.7	4.1	.1	.1						9.8	10.1
SSW	.1	.2	2.6	3.1	.2							6.2	11.1
SW	.3	.4	4.0	6.9	1.2		.1					13.0	12.2
WSW		.7	4.1	4.7	1.6	.7						11.9	12.5
W		.4	5.8	6.6	2.1	.1						15.0	12.6
WNW		.4	1.8	2.3	.4							5.0	11.2
NW	.1	.2	1.7	1.9	.1							4.2	10.2
NNW		.4	1.7	1.3	.6							3.7	10.8
VARIABLE													
CALM	////////////

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

STATION NUMBER: 72515 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 73-82
MONTHS: NOV HOURS(LST): 01 04 07 10 13 16 19 22

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 +	TOTAL %	MEAN MPH
N	.1	.5	1.9	1.7	.1							4.3	5.1
NNE	.1	.7	.6	.4								1.7	4.4
NE		.8	1.1	.3								2.2	5.
ENE		1.2	1.0	1.4								3.6	6.1
E		.7	4.4	2.7	.1							7.9	6.7
ESE	.1	.8	.9	.6								2.	5.4
SE	.1	.9	1.4	.6								3.1	5.4
SSE	.1	.7	.8	1.1								2.8	6.1
S	.	1.0	4.1	2.9								8.0	6.7
SSW	.1	.5	2.9	2.2	.2							5.9	6.8
SW	.2	1.4	4.4	3.2	.9							10.2	7.2
WSW		.9	4.4	7.6	1.4	.4						14.8	11.9
W		1.2	4.9	5.4	1.6	.3						13.4	11.1
WNW		.2	1.4	2.1	.2							5.	11.2
NW	.1	1.2	1.4	1.6								4.3	5.8
NNW	.2	.7	2.2	1.7	.1							4.9	5.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.2	//////
TOTALS	1.9	14.2	46.2	37.1	6.2	.4						100.	7.1

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: [illegible] STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	[illegible]	[illegible]	1.4	.9								3.6	8.2
NNE		.7		.6								1.2	8.1
NE		[illegible]	[illegible]	[illegible]	.1							1.6	8.9
ENE	.1	[illegible]	[illegible]	1.5	.1							6.4	8.8
E	.4	[illegible]	4.1	[illegible]	.2							9.9	6.6
ESE		1.4	1.2	.7								[illegible]	7.3
SE	[illegible]	2.4	1.2									4.0	5.5
SSE	.4	[illegible]	[illegible]	.6								4.9	7.0
S	.1	[illegible]	[illegible]	[illegible]								8.4	8.0
SSW	[illegible]	[illegible]	2.2	1.2	.6							7.1	6.5
SW	[illegible]	[illegible]	4.1	1.6	.4							10.2	8.2
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.4						6.8	10.5
W	.1	[illegible]	5.7	[illegible]	1.4	[illegible]						14.4	10.8
WNW	.1	[illegible]	1.5	1.9	.1							5.7	9.1
NW	[illegible]	.9	[illegible]	[illegible]	.3							[illegible]	8.9
NNW	[illegible]	[illegible]	[illegible]	1.2	.2							4.6	8.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.3	//////
TOTALS	[illegible]	[illegible]	[illegible]	21.7	4.1	.7						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.7	1.7	.7	.3							4.4	8.7
NNE		.9	.3	.1								1.3	6.2
NE		.8	.8	.4								2.0	7.9
ENE	.2	1.4	1.6	1.3								4.6	8.9
E		2.3	4.3	2.4	.4							9.6	9.4
ESE	.4	1.3	1.0	.7	.1							3.6	7.9
SE	.4	2.8	1.3	.3								4.9	6.0
SSE	.2	2.1	2.1	.4								4.9	6.9
S	.7	3.9	4.2	1.6	.3							10.7	7.7
SSW	.6	1.4	3.6	1.0								6.6	8.1
SW	.6	1.8	4.2	2.2	.4							9.2	9.3
WSW	.3	1.2	2.1	2.2	.6	.1	.1					6.7	10.6
W	.1	2.0	3.6	3.9	2.2	.4						12.2	12.1
WNW		.8	1.7	1.4								3.9	9.8
NW		1.1	1.8	1.7	.1							5.7	8.6
NNW	.2	.9	1.7	1.0	.1							3.9	8.9
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.2	1.7	1.0	.1							4.1	8.7
NNE	.0	.5	.5	.3								1.4	8.2
NE	.0	.8	.8	.5	.0							2.2	8.2
ENE	.2	1.3	2.7	1.5	.0							5.7	8.9
E	.2	2.1	3.8	1.8	.2							8.1	8.9
ESE	.1	1.2	1.2	.3	.0							2.9	7.3
SE	.4	1.9	1.4	.3	.0							4.0	6.6
SSE	.3	2.0	1.6	.5	.0							4.4	6.9
S	.3	2.7	3.7	2.4	.1	.1						9.3	8.7
SSW	.3	1.7	2.6	1.5	.2	.2						6.3	8.8
SW	.5	2.7	4.3	3.3	.6	.0	.0					11.0	9.6
WSW	.2	1.4	2.7	2.7	.8	.2	.0					8.0	10.8
W	.2	1.9	4.8	5.9	1.9	.2						14.8	11.6
WNW	.0	1.1	1.5	1.5	.2							4.3	9.7
NW	.1	1.7	1.4	1.1	.1							4.1	8.6
NNW	.1	1.0	1.5	1.0	.2							3.8	9.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.5	//////
TOTALS	3.2	24.4	36.1	25.7	4.5	.5	.2					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.6	.8	.6								2.0	6.9
NNE		.9	.6	.1								1.6	6.7
NE	.2	1.0	.6	.2								2.0	6.5
ENE		.9	1.5	.5								2.9	8.4
E		2.0	2.5	1.7	.5							6.8	9.7
ESE	.1	1.8	1.0	.9								3.8	7.8
SE	.2	1.9	1.0									3.1	5.8
SSE	.4	1.0	1.5		.1							3.0	7.0
S	.5	1.6	4.1	.8	.4							7.7	8.3
SSW	.5	1.2	3.8	1.1	.1							6.7	8.3
SW	.2	3.4	4.5	3.3	1.2							12.7	9.8
WSW		2.9	2.5	3.0	1.2	.1						9.6	10.3
W	.2	2.4	7.3	9.2	2.7	1.0						21.7	12.0
WNW		.8	2.0	1.6	.2	.1						4.7	10.0
NW	.3	.6	.6	1.3	.2							3.0	9.7
NNW	.1	.5	1.7	1.0	.2							3.5	9.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.1	//////
TOTALS	2.9	23.7	36.0	24.3	6.9	1.2						100.0	9.1

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.4	1.7	.3								2.6	8.2
NNE		.2	.5	.1								.9	7.8
NE	.1	1.1	1.2	.1								2.5	6.8
ENE		2.2	2.4	1.1	.3							5.9	8.6
E	.2	1.6	1.4	1.6	.1							4.9	8.8
ESE	.1	1.2	1.9	.3								3.7	7.8
SE	1.2	1.1	.8	.3								3.3	5.7
SSE	.4	1.7	1.5	.1								3.8	6.3
S	.6	2.2	2.6	.6	.5							6.6	8.0
SSW	.3	2.4	2.6	1.7	.3							7.7	8.3
SW	.3	3.1	4.6	3.7	1.1							12.8	9.9
WSW	.1	1.6	4.0	3.1	1.5	.2						10.5	11.0
W		1.6	6.8	7.6	2.5	.5						19.0	12.0
WNW	.1	1.2	2.2	1.9	.1							5.6	9.5
NW	.1	1.2	.8	.5	.2							3.1	8.4
NNW		.4	1.2	1.1								2.7	9.6
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.0	1.3	.3	.2							2.9	8.3
NNE		.5	.9									1.4	6.8
NE		1.4	1.2	.3	.1							3.0	7.8
ENE	.1	1.3	1.7	.5	.1	.1						3.9	8.6
E	.2	2.0	1.4	1.3	.3							5.3	8.8
ESE	.1	1.5	1.1	.8								3.4	7.6
SE	.2	1.0	1.2	.3								2.7	7.2
SSE	.3	1.5	1.3	.2								3.3	6.3
S	.4	3.9	2.6	1.0	.1							8.0	7.1
SSW	.2	2.6	3.1	1.9	.3							8.2	8.7
SW	.3	2.9	6.1	3.5	1.3	.1						14.3	10.0
WSW	.2	2.0	4.3	2.9	1.0	.1						10.5	10.5
W		2.4	6.3	7.3	2.9	.3	.1					19.2	11.8
WNW	.2	1.5	1.1	1.7								4.5	9.2
NW		1.4	1.5	.8								3.7	8.2
NNW		.6	.9	.4	.1							2.0	8.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.7	//////
TOTALS	2.5	27.5	35.9	22.3	6.3	.6	.1					100.0	9.0

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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		1.2	1.2	1.1	.2							3.7	9.3
NNE		.6	.2	.1								1.0	6.8
NE		1.2	1.0	.3		.2						2.7	8.9
ENE	.2	.5	2.4	.9	.1							4.1	8.7
E	.1	1.4	3.2	1.0	.3							6.0	8.9
ESE		.7	1.2	.5								2.5	8.4
SE		1.9	1.4	.4								3.8	7.2
SSE	.2	.9	1.1	.3								2.5	7.7
S	.1	1.9	4.3	2.0	.1							8.5	9.0
SSW	.1	1.8	2.6	2.0	.1							6.7	9.0
SW	.2	2.4	4.8	6.1	2.4	.4						16.8	11.5
WSW		2.5	3.0	4.5	1.0	.2						11.2	11.1
W	.1	1.3	4.5	8.0	3.5	.5						18.0	12.8
WNW		.9	1.1	1.6	.4	.1						4.1	10.9
NW	.4	1.2	1.4	.9								3.9	7.4
NNW	.2	.8	.9	.9	.2							2.9	9.3
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.3	.6	1.3	.4	.2						2.9	12.7
NNE		.2	.2	.2								.6	8.8
NE		.2	.5	.4								1.2	10.4
ENE		1.1	1.0	.3								2.4	7.6
E	.2	.6	3.2	1.2	.1							5.4	9.2
ESE	.1	.3	1.7	.3	.1							2.6	8.7
SE	.2	1.0	1.6	.2	.2							3.2	8.1
SSE		1.1	1.9	.4								3.4	7.8
S	.1	1.3	3.9	2.0	.2							7.5	9.5
SSW	.1	.9	2.2	1.9	.4	.1						5.6	10.5
SW	.1	2.6	5.7	7.4	2.7	.3	.2					19.0	12.0
WSW		1.0	3.2	5.4	2.4	.3						12.3	12.9
W	.1	.5	5.1	8.7	3.2	1.3						19.1	13.3
WNW	.1	.9	1.7	1.7	.4	.2						5.1	11.0
NW		.8	1.4	.9	.4							3.4	10.0
NNW		.8	2.3	1.4	.4							4.8	9.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.4	//////
TOTALS	1.1	13.7	36.2	33.9	11.1	2.5	.2					100.0	11.1

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.3	1.0	.6	.2							2.2	10.7
NNE	.1	.1	.2									.4	5.8
NE		.5	.6	.3								1.5	8.3
ENE		.9	.6	.5								2.0	8.4
E	.1	1.2	1.9	2.2								5.4	9.9
ESE		1.2	1.7	.3								3.2	7.3
SE	.1	1.0	1.0	.1								2.2	6.8
SSE		1.6	.5	.3								2.5	6.8
S	.1	1.2	4.7	1.5	.1							7.6	8.7
SSW	.2	2.3	1.7	2.2	.1							6.5	9.1
SW	.1	1.3	4.7	6.3	1.8		.1					14.4	11.6
WSW	.2	1.6	4.7	5.3	1.3	.4						13.5	11.4
W	.1	1.4	5.1	9.0	3.2	.5	.2					20.0	12.7
WNW		1.5	1.9	1.9	.6	.1						6.1	11.0
NW	.2	1.5	2.5	1.3	.1	.1						5.7	8.8
NNW		1.2	1.9	1.3	.5							4.7	10.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.0	//////
TOTALS	1.3	18.9	34.9	33.2	8.1	1.2	.3					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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.7	1.1	.3								2.9	7.1
NNE		.2	.5									.8	7.9
NE		.8	.3	.1								1.2	6.8
ENE	.1	.6	.3	.3								1.4	7.2
E	.2	2.3	3.3	2.5								8.3	9.0
ESE	.2	.6	1.3	.2								2.4	7.1
SE	.4	1.8	1.4	.2								3.9	6.2
SSE	.3	1.2	.5	.3								2.4	6.5
S	.5	2.8	3.2	1.5	.2							8.3	7.9
SSW	.3	2.6	2.8	1.4	.2							7.6	8.0
SW	.3	3.7	3.8	2.8	1.4	.1						12.0	9.8
WSW	.6	1.4	5.5	3.4	.8	.5						12.3	10.6
W	.4	2.4	5.2	6.8	2.8	.9						18.3	11.9
WNW	.1	1.5	1.6	1.9	.2							5.4	9.7
NW	.1	1.8	2.5	1.0	.3							5.7	8.7
NNW	.2	1.0	.5	1.7	.1							3.5	9.7
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		1.0	1.8	.1								2.9	7.4
NNE	.1	.3	.3	.1								.9	7.3
NE	.1	.4	.8	.1								1.4	6.8
ENE		.6	1.0	.5								2.2	8.5
E	.1	1.3	2.6	2.5	.1							6.6	9.7
ESE	.3	1.1	1.1	.3								2.9	6.9
SE	.3	2.2	1.7	.2								4.3	6.7
SSE	.3	2.2	1.7									4.2	6.1
S	.3	2.3	2.4	1.4	.2							6.5	8.4
SSW	.2	1.8	4.0	1.2	.3							7.5	8.5
SW	.3	2.9	3.8	2.8	1.5							11.3	10.0
WSW		3.7	3.8	3.3	1.1	.4						12.3	10.3
W	.2	2.5	4.2	6.1	2.7	.5						18.2	12.1
WNW	.3	.8	2.6	1.9	.9	.2						6.7	11.0
NW		1.1	1.5	1.2	.2							3.8	9.4
NNW	.2	1.1	1.3	.6								3.2	8.1
VARIABLE													
CALM	//////////											5.5	//////
TOTALS	2.8	24.9	34.4	24.2	7.0	1.2						100.0	9.0

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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.8	1.2	.6	.1	.0						2.8	9.0
NNE	.0	.4	.4	.1								.9	7.2
NE	.1	.8	.8	.2	.0	.0						1.9	7.7
ENE	.1	1.0	1.4	.6	.1	.0						3.1	8.4
E	.1	1.6	2.4	1.7	.2							6.1	9.3
ESE	.1	1.0	1.4	.5	.0							3.0	7.8
SE	.3	1.5	1.2	.2	.0							3.3	6.7
SSE	.3	1.4	1.3	.2	.0							3.1	6.8
S	.4	2.2	3.5	1.4	.2							7.6	8.4
SSW	.3	2.0	2.8	1.7	.2	.0						7.1	8.7
SW	.2	2.8	4.8	4.5	1.7	.1	.0					14.2	10.7
WSW	.1	2.1	3.9	3.9	1.3	.7						11.5	11.1
W	.1	1.9	5.6	6.0	2.9	.7	.0					19.2	12.3
WNW	.1	1.1	1.8	1.8	.4	.1						5.3	10.3
NW	.1	1.2	1.5	1.0	.2	.0						4.0	8.8
NNW	.1	.8	1.3	1.0	.2							3.4	9.5
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.5	//////
TOTALS	2.6	22.5	35.2	27.3	7.6	1.3	.1					100.0	9.6

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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	1.2	1.8	.9	.1	.0						4.1	8.6
NNE	.1	.7	.7	.3	.0	.0						1.7	7.8
NE	.1	.9	1.2	.6	.1	.0						2.8	8.6
ENE	.1	1.4	2.1	1.2	.2	.0	.0					5.0	9.0
E	.2	2.6	3.5	2.0	.2	.0						8.6	8.7
ESE	.2	1.4	1.3	.4	.0	.0						3.3	7.2
SE	.4	1.7	1.1	.3	.0							3.5	6.5
SSE	.3	1.7	1.0	.3	.0							3.3	6.5
S	.5	3.1	3.0	1.3	.1	.0						8.1	7.6
SSW	.3	1.9	2.3	1.1	.2	.0						5.8	8.2
SW	.4	2.6	4.0	2.9	.5	.0	.0					10.5	9.4
WSW	.2	2.1	3.0	2.5	.5	.1	.0	.0				8.5	9.9
W	.2	2.3	4.0	4.3	1.3	.3	.0	.0				12.5	11.0
WNW	.1	1.3	1.7	1.3	.2	.0	.0					4.7	9.5
NW	.1	1.6	2.0	1.5	.2	.0						5.5	9.1
NNW	.2	1.3	1.5	1.1	.1	.0	.0					4.6	8.7
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

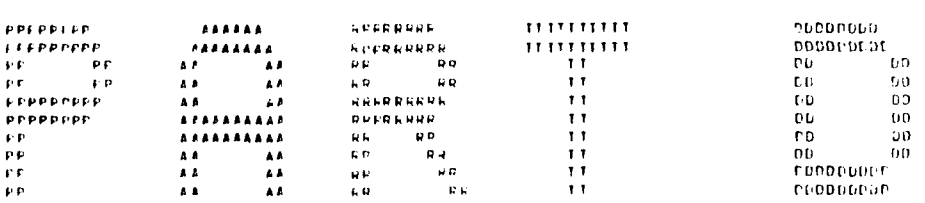
STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): 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 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WIND
N	.1	.5	2.1	1.3	.2	.0						4.2	9.6
NNE	.1	.5	.8	.5	.1	.0						2.0	9.0
NE	.1	.8	1.4	1.2	.2	.1						3.8	9.8
ENE	.1	1.4	3.0	2.5	.4	.1	.0					7.4	10.1
E	.1	2.5	5.1	3.8	.4	.2						12.1	9.6
ESE	.2	1.7	1.7	.6	.0							4.0	7.9
SE	.1	1.4	1.2	.4	.0							3.2	7.1
SSE	.1	1.1	1.0	.3	.0							2.6	7.1
S	.4	2.0	2.7	1.4	.1							6.5	8.3
SSW	.1	1.1	1.6	1.6	.1							4.0	8.8
SW	.2	2.1	3.5	2.4	.3	.0	.0					8.6	9.3
WSW	.0	1.7	2.8	2.7	.7	.2	.1					7.9	10.5
W	.1	2.1	4.3	4.7	1.9	.5	.1					13.8	11.7
WNW	.1	1.2	2.0	1.7	.4	.0						5.4	10.2
NW	.1	1.2	1.9	1.5	.3	.0						5.1	9.6
NNW	.1	.9	1.9	1.4	.3	.0						4.6	9.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	4.7	//////
TOTALS	2.7	24.1	37.0	26.9	5.4	.7	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 15538



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 7,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

NOTES:

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

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

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

SKY COVER SUMMARY

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

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

ALSO PRESENTED ARE MEAN SKY COVERS.

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

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	6/10
OVERCAST	-	10/10
OBSCURED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: JAN 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	20.8	28.1	28.6	30.3	30.4	30.4	30.6	30.6	30.6	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 25000	21.5	29.2	29.8	31.5	31.6	31.6	31.8	31.8	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 18000	21.5	29.2	29.8	31.5	31.6	31.6	31.8	31.8	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 16000	21.5	29.2	29.8	31.5	31.6	31.6	31.8	31.8	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 14000	21.5	29.2	29.8	31.5	31.6	31.6	31.8	31.8	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 12000	21.5	29.5	30.2	31.9	32.0	32.0	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 10000	27.1	31.8	32.6	34.6	34.7	34.7	34.9	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 9000	23.4	32.3	33.2	35.1	35.2	35.2	35.4	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 8000	24.5	33.4	34.5	36.3	36.5	36.5	36.7	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 7000	26.1	35.6	36.7	38.6	38.7	38.7	38.9	39.0	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 6000	26.2	36.1	37.2	39.1	39.2	39.2	39.5	39.6	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 5000	27.5	38.1	39.1	41.1	41.2	41.2	41.4	41.5	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 4500	28.5	39.9	41.0	42.9	43.0	43.0	43.2	43.3	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 4000	28.8	40.2	41.3	43.2	43.3	43.3	43.5	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 3500	29.7	41.6	42.9	44.9	45.2	45.2	45.4	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 3000	31.2	44.5	46.1	48.7	49.5	49.5	49.8	49.9	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 2500	33.4	50.5	52.6	55.7	56.7	56.7	57.2	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 2200	35.6	55.9	58.8	62.5	63.8	63.8	64.7	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 1800	36.3	58.2	61.6	65.4	66.9	67.0	68.1	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 1500	37.5	60.4	64.1	68.3	70.0	70.2	71.4	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 1200	37.7	63.8	68.7	73.5	75.7	76.0	77.5	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1000	38.3	66.2	71.8	76.9	79.4	79.8	82.3	82.7	82.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 900	38.3	66.2	71.9	77.1	79.7	80.1	82.6	83.3	83.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 800	38.3	66.5	72.2	77.6	80.4	80.9	83.4	84.2	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 700	38.3	66.7	72.4	78.3	82.2	82.6	85.3	86.1	86.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 600	38.3	67.1	73.0	79.5	83.4	84.4	87.4	88.5	88.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 500	38.3	67.1	73.1	80.1	84.2	85.6	89.2	90.8	90.9	92.0	92.2	92.2	92.2	92.2	92.2	92.3
GE 400	38.3	67.2	73.2	80.4	84.7	86.3	90.5	92.6	92.7	93.9	94.0	94.0	94.0	94.0	94.0	94.1
GE 300	38.3	67.2	73.2	80.4	84.7	86.3	90.9	93.7	93.8	95.9	96.1	96.1	96.1	96.1	96.1	96.2
GE 200	38.3	67.2	73.2	80.5	84.8	86.5	91.2	93.8	93.9	96.2	96.6	96.8	97.4	97.4	98.1	98.5
GE 100	38.3	67.2	73.2	80.5	84.8	86.5	91.2	93.8	93.9	96.2	96.7	96.9	97.6	97.8	98.6	99.4
GE 0	38.3	67.2	73.2	80.5	84.9	86.5	91.2	93.8	93.9	96.2	96.7	96.9	97.7	98.0	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 HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: JAN 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 9/16	GE 1/4	GE 0
NO CEIL	17.2	25.7	26.3	27.5	28.3	28.3	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.8
GE 20000	18.3	27.4	28.2	29.4	30.2	30.2	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 18000	18.3	27.4	28.2	29.4	30.2	30.2	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.8
GE 16000	18.3	27.4	28.2	29.4	30.2	30.2	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.8
GE 14000	18.3	27.4	28.2	29.4	30.2	30.2	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.8
GE 12000	18.4	27.6	28.4	29.6	30.4	30.4	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	31.0
GE 10000	20.2	30.5	31.3	32.6	33.4	33.4	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.0
GE 9000	21.0	31.4	32.2	33.4	34.3	34.3	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.8
GE 8000	22.0	32.6	33.4	34.8	35.8	35.8	36.1	36.2	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.6
GE 7000	23.2	34.2	35.1	36.5	37.4	37.4	37.7	37.8	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.2
GE 6000	23.5	34.8	35.7	37.1	38.1	38.1	38.4	38.5	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.8
GE 5000	24.8	36.9	37.7	39.2	40.2	40.2	40.8	40.9	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.2
GE 4500	25.7	38.1	39.2	40.8	41.7	41.7	42.3	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.8
GE 4000	26.2	39.2	40.4	41.9	42.9	43.0	43.5	43.6	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.1
GE 3500	27.3	40.9	42.0	44.0	45.1	45.3	45.9	46.1	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.5
GE 3000	28.8	44.0	45.3	48.2	50.1	50.3	51.1	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.6
GE 2500	30.6	49.8	51.3	54.4	56.3	56.6	57.4	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	58.0
GE 2000	32.6	55.9	57.7	61.2	63.1	63.5	64.4	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 1800	33.3	58.0	60.1	63.8	65.9	66.3	67.2	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.8
GE 1500	33.9	60.0	62.3	66.1	68.4	68.9	70.0	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.6
GE 1200	34.7	63.5	66.9	71.4	73.9	74.4	75.9	76.2	76.2	76.6	76.6	76.6	76.7	76.7	76.7	76.8
GE 1000	34.9	65.6	69.5	74.1	77.2	77.8	80.1	80.8	80.8	81.1	81.1	81.1	81.2	81.2	81.2	81.3
GE 900	34.9	65.7	69.6	74.4	77.7	78.5	80.9	81.5	81.5	81.8	81.8	81.8	81.9	81.9	81.9	82.0
GE 800	34.9	66.6	71.0	75.7	79.4	80.2	83.1	84.1	84.5	84.9	84.9	84.9	85.1	85.1	85.1	85.2
GE 700	34.9	66.9	71.4	76.6	80.5	81.5	84.7	85.8	86.2	86.8	86.8	86.8	86.9	86.9	86.9	87.0
GE 600	34.9	67.1	71.6	77.1	81.6	82.6	86.0	87.3	87.7	88.4	88.4	88.4	88.5	88.5	88.5	88.6
GE 500	34.9	67.1	71.6	77.3	81.8	83.0	86.9	88.3	88.7	90.0	90.1	90.1	90.3	90.3	90.4	90.5
GE 400	34.9	67.1	71.6	77.6	82.5	83.9	88.2	90.1	90.5	91.9	92.0	92.0	92.4	92.4	92.5	92.6
GE 300	34.9	67.1	71.6	77.6	82.6	84.1	89.1	91.9	92.4	94.5	94.6	94.6	95.1	95.2	95.4	95.5
GE 200	34.9	67.1	71.8	77.8	82.8	84.3	89.4	92.2	92.6	95.2	95.7	95.7	96.9	97.2	98.3	98.5
GE 100	34.9	67.1	71.8	77.8	82.8	84.3	89.4	92.2	92.6	95.2	95.8	95.8	97.2	97.5	98.7	99.0
GE 0	34.9	67.1	71.8	77.8	82.8	84.3	89.4	92.2	92.6	95.2	95.8	95.8	97.2	97.5	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 HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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	17.8	26.9	27.6	29.0	29.8	30.0	30.1	30.2	30.2	30.3	30.3	30.3	30.3	30.4	30.4	
GE 20000	18.4	27.8	28.6	30.1	31.1	31.3	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.7	31.7
GE 18000	18.4	27.8	28.6	30.1	31.1	31.3	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.7	31.7
GE 16000	18.4	27.8	28.6	30.1	31.1	31.3	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.7	31.7
GE 14000	18.4	28.0	28.7	30.2	31.2	31.4	31.5	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.8	31.8
GE 12000	18.6	28.7	29.5	31.0	31.9	32.2	32.3	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.6	32.6
GE 10000	19.2	30.6	31.4	33.0	34.0	34.2	34.3	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.6	34.6
GE 9000	19.6	31.3	32.0	33.7	34.7	34.9	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.4	35.4
GE 8000	20.6	32.6	33.3	35.4	36.7	36.9	37.0	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.3	37.3
GE 7000	21.1	33.7	34.4	36.5	37.7	38.0	38.1	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.4	38.4
GE 6000	21.5	34.1	34.8	37.0	38.4	38.6	38.7	38.8	38.8	38.9	38.9	38.9	38.9	38.9	39.0	39.0
GE 5000	23.0	35.7	36.5	38.7	40.1	40.3	40.5	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.9	40.9
GE 4500	23.8	37.0	37.8	40.5	41.9	42.2	42.4	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.8	42.8
GE 4000	24.5	38.3	39.1	41.8	43.2	43.5	44.0	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.3	44.3
GE 3500	25.1	39.0	39.9	42.9	44.3	44.7	45.3	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.6	45.6
GE 3000	27.1	42.2	43.0	46.5	48.2	48.7	49.4	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.8	49.8
GE 2500	29.7	47.1	48.6	52.2	54.1	54.7	55.5	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.1	56.1
GE 2000	31.3	52.9	54.5	58.2	60.8	61.5	62.5	62.8	62.8	63.0	63.0	63.0	63.1	63.1	63.2	63.2
GE 1800	31.8	54.5	56.3	60.1	62.8	63.5	64.5	64.9	64.9	65.2	65.2	65.2	65.3	65.3	65.4	65.4
GE 1600	32.7	57.8	60.0	64.0	67.1	68.0	69.1	69.6	69.6	69.9	69.9	70.0	70.0	70.0	70.1	70.1
GE 1200	33.4	61.3	63.9	68.4	71.9	72.7	74.2	74.7	74.7	75.2	75.2	75.2	75.3	75.3	75.4	75.4
GE 1000	33.4	62.7	65.6	70.6	74.5	75.4	77.2	77.8	77.8	78.3	78.3	78.3	78.4	78.4	78.5	78.5
GE 900	33.4	63.7	66.6	72.2	76.1	77.0	79.0	79.7	79.7	80.1	80.1	80.1	80.2	80.2	80.3	80.3
GE 800	33.5	64.5	67.7	74.0	78.3	79.2	81.2	82.0	82.0	83.1	83.5	83.5	83.7	83.7	83.8	83.8
GE 700	33.5	64.9	68.3	74.6	79.2	80.6	83.6	84.6	84.8	85.3	85.5	85.5	85.6	85.6	85.7	85.7
GE 600	33.5	65.2	68.5	75.1	80.1	81.7	84.9	86.3	86.6	87.1	87.3	87.3	87.4	87.4	87.5	87.5
GE 500	33.5	65.4	68.9	75.7	81.2	83.0	86.6	88.4	88.6	89.7	90.1	90.1	90.3	90.3	90.4	90.4
GE 400	33.5	65.4	68.9	75.7	81.2	83.3	87.0	90.1	90.5	92.4	92.8	92.8	93.0	93.0	93.1	93.1
GE 300	33.5	65.4	68.9	75.7	81.2	83.3	88.5	91.5	91.9	94.7	95.5	95.5	95.7	95.7	95.9	95.9
GE 200	33.5	65.4	69.0	75.8	81.3	83.4	88.6	91.6	92.4	95.6	96.9	96.9	97.6	97.6	98.0	98.0
GE 100	33.5	65.4	69.0	75.8	81.3	83.4	88.6	91.8	92.4	95.6	96.9	96.9	98.0	98.0	98.4	98.9
GE 0	33.5	65.4	69.0	75.8	81.3	83.4	88.6	91.8	92.4	95.6	96.9	96.9	98.0	98.0	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: JAN 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 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.7	26.2	27.3	28.4	29.7	30.8	30.9	31.1	31.1	31.4	31.5	31.5	31.5	31.5	31.5	31.5
GE 20000	28.2	28.2	29.5	31.2	32.6	34.1	34.3	34.5	34.5	34.8	34.9	34.9	34.9	34.9	34.9	34.9
GE 18000	28.2	28.2	29.5	31.2	32.6	34.1	34.3	34.5	34.5	34.8	34.9	34.9	34.9	34.9	34.9	34.9
GE 16000	28.2	28.2	29.5	31.2	32.6	34.1	34.3	34.5	34.5	34.8	34.9	34.9	34.9	34.9	34.9	34.9
GE 14000	28.2	28.2	29.5	31.2	32.6	34.1	34.3	34.5	34.5	34.8	34.9	34.9	34.9	34.9	34.9	34.9
GE 12000	28.2	28.4	29.7	31.4	32.8	34.3	34.5	34.7	34.7	35.2	35.3	35.3	35.3	35.3	35.3	35.3
GE 10000	33.6	29.9	31.3	33.2	34.6	36.1	36.3	36.6	36.6	37.1	37.2	37.2	37.2	37.2	37.2	37.2
GE 9000	34.5	31.0	32.5	34.6	36.2	37.7	38.0	38.2	38.2	38.7	38.8	38.8	38.8	38.8	38.8	38.8
GE 8000	34.9	32.4	33.9	36.2	38.0	39.5	39.7	39.9	39.9	40.4	40.5	40.5	40.5	40.5	40.5	40.5
GE 7000	35.5	33.8	35.3	37.6	39.4	41.0	41.2	41.5	41.5	42.0	42.2	42.2	42.2	42.2	42.2	42.2
GE 6000	36.8	34.3	35.9	38.5	40.2	41.9	42.3	42.6	42.6	43.1	43.2	43.2	43.2	43.2	43.2	43.2
GE 5000	37.0	36.6	38.2	41.2	42.9	44.6	45.2	45.5	45.5	46.0	46.1	46.1	46.1	46.1	46.1	46.1
GE 4500	37.8	37.6	39.2	42.4	44.1	46.0	46.6	46.9	46.9	47.4	47.5	47.5	47.5	47.5	47.5	47.5
GE 4000	38.2	38.2	39.8	42.9	44.6	46.6	47.1	47.4	47.4	48.0	48.1	48.1	48.1	48.1	48.1	48.1
GE 3500	39.2	39.6	41.4	44.6	46.3	48.6	49.5	49.8	49.8	50.3	50.4	50.4	50.4	50.4	50.4	50.4
GE 3000	39.4	41.8	44.2	47.3	49.2	51.6	52.6	53.2	53.3	53.9	54.0	54.0	54.0	54.0	54.0	54.0
GE 2500	47.3	45.1	48.2	51.4	53.9	56.3	57.5	58.4	58.5	59.0	59.1	59.1	59.1	59.1	59.1	59.1
GE 2000	49.4	49.1	52.7	56.3	59.6	62.6	64.1	65.3	65.5	66.2	66.3	66.3	66.3	66.3	66.3	66.3
GE 1800	49.9	50.4	54.7	58.4	61.7	64.7	66.2	67.6	67.9	68.7	68.8	68.8	68.8	68.8	68.8	68.8
GE 1600	50.6	52.8	56.9	60.9	64.2	67.4	69.1	70.6	70.9	71.6	72.0	72.0	72.0	72.0	72.0	72.0
GE 1400	51.4	55.3	60.0	64.3	68.3	71.9	74.0	75.8	76.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2
GE 1200	51.4	56.3	61.3	66.2	70.6	74.7	77.3	79.4	79.6	81.2	81.3	81.3	81.3	81.3	81.3	81.4
GE 1000	51.4	57.1	62.2	67.3	72.0	76.8	79.5	81.5	81.7	83.3	83.4	83.4	83.4	83.4	83.4	83.5
GE 900	51.4	57.6	62.8	68.5	73.3	78.0	81.7	84.1	84.3	85.9	86.1	86.1	86.1	86.1	86.1	86.2
GE 800	51.4	57.6	63.0	68.7	74.1	79.0	83.3	85.7	86.0	87.6	87.8	87.8	87.8	87.8	87.8	88.0
GE 700	51.4	57.6	63.2	68.9	74.6	80.6	84.2	86.9	87.2	88.9	89.1	89.1	89.1	89.1	89.1	89.2
GE 600	51.4	57.6	63.3	69.0	74.7	81.4	85.4	88.7	89.4	91.8	92.5	92.5	92.5	92.5	92.5	92.6
GE 500	51.4	57.6	63.3	69.0	74.7	81.5	85.8	90.1	91.1	94.3	94.9	94.9	95.1	95.1	95.1	95.2
GE 400	51.4	57.6	63.4	69.2	74.9	81.7	86.1	90.5	91.6	95.3	96.1	96.1	96.5	96.6	96.7	96.8
GE 300	51.4	57.6	63.4	69.2	74.9	81.7	86.1	90.5	91.8	95.6	96.8	96.8	97.7	98.1	98.6	98.7
GE 200	51.4	57.6	63.4	69.2	74.9	81.7	86.1	90.5	91.8	95.8	96.6	96.6	98.0	98.3	98.8	99.7
GE 0	51.4	57.6	63.4	69.2	74.9	81.7	86.1	90.5	91.8	95.8	96.8	96.8	98.1	98.4	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: JAN 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	28.4	30.4	31.3	31.9	33.4	34.0	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 20000	23.2	35.3	36.8	37.6	39.7	40.2	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 18000	23.2	35.3	36.8	37.6	39.7	40.2	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 16000	23.2	35.3	36.8	37.6	39.7	40.2	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 14000	23.2	35.3	36.8	37.6	39.7	40.2	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 12000	23.2	35.3	37.3	38.2	40.2	40.8	41.0	41.1	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 10000	24.2	37.1	38.9	39.8	41.8	42.4	42.6	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 9000	24.3	37.5	39.4	40.2	42.3	42.8	43.0	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 8000	24.6	38.7	40.5	41.4	43.5	44.2	44.4	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 7000	24.7	39.6	41.5	42.4	44.5	45.2	45.5	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 6000	25.4	40.4	42.4	43.2	45.4	46.0	46.3	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 5000	26.0	41.9	44.1	45.1	47.2	47.8	48.2	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 4500	26.6	43.4	45.7	46.7	48.8	49.5	49.8	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 4000	26.6	43.9	46.1	47.2	49.4	50.0	50.3	50.4	50.4	50.6	50.8	50.8	50.8	50.8	50.8	50.8
GE 3500	27.1	45.2	47.5	48.7	51.1	52.0	52.4	52.5	52.5	52.7	52.8	52.8	52.8	52.8	52.8	52.8
GE 3000	28.2	47.1	49.5	51.0	53.4	54.5	55.2	55.3	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6
GE 2500	30.2	50.0	52.9	54.5	57.2	58.4	59.4	59.5	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.0
GE 2000	32.0	53.5	56.7	58.5	61.3	62.9	63.9	64.2	64.3	64.6	65.1	65.1	65.1	65.1	65.1	65.1
GE 1800	32.7	54.8	58.4	60.5	63.5	65.4	66.5	67.0	67.1	67.6	68.0	68.0	68.0	68.0	68.0	68.0
GE 1600	33.8	58.6	62.5	65.2	68.2	70.5	72.4	73.1	73.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6
GE 1200	33.9	61.9	66.2	69.9	73.9	76.9	79.2	80.3	80.4	82.0	82.3	82.3	82.4	82.4	82.4	82.4
GE 1000	33.9	63.0	67.5	71.7	76.1	79.9	82.5	84.1	84.3	86.0	86.2	86.2	86.3	86.5	86.5	86.6
GE 900	33.9	63.5	68.2	72.5	77.4	81.7	84.5	86.5	86.7	88.4	88.6	88.6	88.7	88.7	88.8	88.9
GE 800	33.9	63.9	68.7	73.3	78.4	82.8	85.8	88.0	88.2	90.1	90.3	90.3	90.4	90.4	90.5	90.6
GE 700	33.9	63.9	69.0	73.8	78.9	83.7	86.9	89.2	89.5	91.7	91.9	91.9	92.0	92.0	92.2	92.3
GE 600	33.9	63.9	69.0	74.0	79.2	84.2	87.8	90.8	91.0	93.3	93.7	93.7	93.8	93.8	93.9	94.0
GE 500	33.9	63.9	69.0	74.0	79.2	84.5	89.0	92.6	92.8	95.4	96.0	96.0	96.1	96.1	96.2	96.5
GE 400	33.9	63.9	69.0	74.0	79.2	84.6	89.1	92.8	93.3	96.5	97.4	97.4	97.8	97.8	98.0	98.2
GE 300	33.9	63.9	69.0	74.0	79.2	84.6	89.2	92.9	93.4	96.6	97.5	97.5	98.3	98.3	98.4	98.6
GE 200	33.9	63.9	69.0	74.0	79.2	84.6	89.2	92.9	93.4	96.7	97.7	97.7	98.7	98.8	98.9	99.1
GE 100	33.9	63.9	69.0	74.0	79.4	84.7	89.4	93.0	93.5	96.8	97.8	97.8	98.9	99.4	99.6	100.0
GE 0	33.9	63.9	69.0	74.0	79.4	84.7	89.4	93.0	93.5	96.8	97.8	97.8	98.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 76-87
MONTH: JAN 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	20.9	31.5	32.9	33.4	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 20000	23.2	36.7	38.1	38.6	39.7	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 18000	23.2	36.7	38.1	38.6	39.7	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 16000	23.2	36.7	38.1	38.6	39.7	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 14000	23.2	36.7	38.1	38.6	39.7	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 12000	24.0	37.6	39.0	39.6	40.6	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 10000	25.5	39.5	41.1	41.7	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 9000	25.7	40.0	41.7	42.4	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 8000	26.3	41.3	43.1	43.8	45.3	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 7000	26.9	42.5	44.5	45.3	46.8	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 6000	27.2	43.0	45.2	45.9	47.4	47.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 5000	27.4	43.9	46.1	46.9	48.4	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 4500	27.8	44.4	46.6	47.5	49.0	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 4000	27.8	44.5	46.9	47.7	49.6	49.9	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 3500	28.0	44.6	47.0	47.8	50.0	50.3	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 3000	29.1	46.8	49.1	50.1	52.3	52.7	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 2500	32.0	51.4	54.2	55.2	57.7	58.8	59.4	59.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 2000	34.1	56.7	60.2	61.4	64.6	66.1	67.1	67.5	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 1800	34.7	59.6	63.3	64.8	69.1	69.8	71.2	71.7	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1500	35.8	62.6	66.8	68.7	72.5	74.6	76.9	77.6	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 1200	36.3	64.4	69.2	71.2	75.9	78.9	81.7	83.1	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1000	36.5	65.3	70.5	72.6	77.5	81.2	84.9	86.3	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	36.7	65.6	71.1	73.2	78.9	83.1	87.1	88.5	88.6	90.1	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	36.7	66.0	71.3	73.6	79.5	84.2	88.9	90.4	90.6	92.3	92.5	92.5	92.5	92.5	92.5	92.8
GE 700	36.7	66.0	71.8	74.3	80.1	84.9	89.8	91.6	91.8	93.8	94.0	94.0	94.1	94.1	94.1	94.4
GE 600	36.7	66.0	71.8	74.5	80.6	85.5	90.4	92.4	92.7	94.7	94.9	94.9	95.2	95.2	95.2	95.5
GE 500	36.7	66.0	71.8	74.5	80.6	85.5	90.6	92.8	93.3	95.4	95.7	95.7	96.0	96.0	96.0	96.3
GE 400	36.7	66.0	71.9	74.7	80.9	85.7	90.9	93.0	93.8	96.1	96.7	96.7	97.1	97.1	97.1	97.4
GE 300	36.7	66.0	71.9	74.7	80.9	85.7	90.9	93.0	93.9	97.0	97.7	97.7	98.4	98.4	98.4	98.7
GE 200	36.7	66.0	71.9	74.7	80.9	85.7	90.9	93.0	93.9	97.1	97.8	98.0	98.7	98.8	98.9	99.2
GE 100	36.7	66.0	71.9	74.7	80.9	85.7	90.9	93.0	93.9	97.1	97.8	98.0	98.8	99.0	99.6	100.0
GE 0	36.7	66.0	71.9	74.7	80.9	85.7	90.9	93.0	93.9	97.1	97.8	98.0	98.8	99.0	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: 725320 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: JAN 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 9/16	GE 1/4	GE 0
NO CEIL	29.5	29.2	30.0	30.3	30.5	30.6	30.8	30.8	30.8	30.8	30.9	30.8	30.8	30.8	30.8	30.8
GE 20000	23.2	33.5	34.5	34.8	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 15000	23.2	33.5	34.5	34.8	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 14000	23.2	33.5	34.5	34.8	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 12000	23.2	33.5	34.5	34.8	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 10000	23.7	34.1	35.4	35.7	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 9000	25.5	37.5	38.9	39.2	39.9	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 8000	25.6	38.2	39.6	39.9	40.5	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 7000	27.0	39.8	41.4	41.7	42.4	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 6000	27.6	40.6	42.4	42.7	43.3	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 5000	28.2	41.6	43.2	43.5	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 4500	28.7	42.7	44.3	44.6	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 4000	29.6	43.9	45.6	45.9	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 3500	29.9	44.4	46.1	46.7	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 3000	30.8	45.6	47.3	48.0	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 2500	31.3	47.5	49.6	50.5	51.5	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 2200	34.5	53.9	56.0	57.5	59.1	59.5	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 2000	36.9	59.7	62.9	65.1	67.0	67.6	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1800	38.1	62.0	65.3	67.4	69.6	70.2	71.0	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 1500	38.6	64.5	68.7	71.4	73.9	74.7	75.7	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1200	38.8	67.1	72.6	76.0	79.4	80.4	81.8	82.5	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1000	38.8	67.5	73.1	78.1	81.5	82.6	85.3	86.1	86.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 900	38.9	68.2	74.0	79.2	83.0	84.4	87.0	87.8	88.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	38.9	68.4	74.3	79.7	83.5	85.2	88.1	89.0	89.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	38.9	68.5	74.4	80.3	84.3	85.9	88.9	90.4	90.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	38.9	68.6	74.5	80.4	84.7	86.7	89.8	91.6	91.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	38.9	68.6	74.5	80.4	84.7	86.7	89.9	92.3	92.4	94.7	95.1	95.1	95.2	95.2	95.2	95.2
GE 400	38.9	68.6	74.6	80.5	84.8	86.8	90.2	92.8	92.9	95.6	95.9	95.9	96.0	96.0	96.0	96.3
GE 300	38.9	68.6	74.6	80.5	84.8	86.8	90.3	93.1	93.2	96.6	97.0	97.0	97.1	97.1	97.1	97.4
GE 200	38.9	68.6	74.6	80.5	84.8	86.8	90.3	93.4	93.5	97.5	98.4	98.5	98.6	98.8	98.8	99.1
GE 100	38.9	68.6	74.6	80.5	84.8	86.8	90.3	93.4	93.5	97.5	98.4	98.5	99.0	99.2	99.4	100.0
GE 0	38.9	68.6	74.6	80.5	84.8	86.8	90.3	93.4	93.5	97.5	98.4	98.5	99.0	99.2	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 HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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	19.6	28.3	28.6	29.7	30.3	30.4	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.8
GE 20000	22.5	32.6	32.6	33.7	34.3	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.8
GE 18000	22.5	32.0	32.6	33.7	34.3	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.8
GE 16000	22.5	32.0	32.6	33.7	34.3	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.8
GE 14000	22.5	32.0	32.6	33.7	34.3	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.8
GE 12000	22.7	32.4	32.9	34.0	34.7	34.9	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3
GE 10000	25.1	35.3	36.0	37.1	37.8	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.4
GE 9000	25.4	35.6	36.3	37.4	38.2	38.4	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8
GE 8000	26.5	37.6	38.6	39.8	40.5	40.8	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2
GE 7000	27.8	39.2	40.2	41.4	42.3	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9
GE 6000	28.0	40.0	41.0	42.2	43.0	43.2	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8
GE 5000	29.6	42.4	43.3	44.5	45.5	45.7	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2
GE 4500	30.6	43.4	44.4	45.8	46.9	47.1	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6
GE 4000	31.6	44.4	45.7	47.2	48.3	48.5	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0
GE 3500	32.3	45.9	47.3	48.9	50.0	50.2	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.8
GE 3000	32.8	48.2	50.4	52.3	53.3	53.5	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
GE 2500	35.9	54.9	57.5	59.6	60.9	61.1	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
GE 2000	38.6	60.4	64.0	66.5	67.8	68.3	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1
GE 1800	39.2	62.0	65.6	68.3	69.8	70.2	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
GE 1500	39.9	65.2	69.2	71.9	73.7	74.2	74.8	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6
GE 1200	41.3	68.4	73.5	76.9	79.2	79.8	81.1	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.4
GE 1000	41.4	69.0	74.4	78.7	81.4	82.2	84.0	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.5
GE 900	41.5	69.6	75.2	79.8	82.5	83.2	85.2	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.9
GE 800	41.5	69.7	75.4	80.2	83.1	84.0	85.9	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.7
GE 700	41.5	70.1	75.9	81.4	84.5	85.5	87.4	89.0	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.6
GE 600	41.5	70.1	76.1	81.9	85.4	86.6	88.5	90.5	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.2
GE 500	41.5	70.1	76.2	82.2	86.9	87.3	89.6	92.4	92.7	93.4	93.4	93.4	93.5	93.5	93.5	93.7
GE 400	41.5	70.1	76.2	82.2	86.9	87.5	90.1	93.2	93.5	94.7	94.7	94.7	95.1	95.1	95.1	95.2
GE 300	41.5	70.1	76.2	82.2	86.9	87.6	90.4	94.2	94.5	96.6	96.8	96.8	97.1	97.1	97.1	97.2
GE 200	41.5	70.1	76.2	82.2	86.9	87.7	90.5	94.4	94.7	96.8	97.3	97.7	98.3	98.4	98.6	99.0
GE 100	41.5	70.1	76.2	82.2	86.9	87.7	90.5	94.4	94.7	96.8	97.3	97.7	98.6	98.7	99.1	100.0
GE 0	41.5	70.1	76.2	82.2	86.9	87.7	90.5	94.4	94.7	96.8	97.3	97.7	98.6	98.7	99.1	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	19.3	28.3	29.1	30.1	30.9	31.1	31.3	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.5
GE 20000	21.1	31.3	32.2	33.4	34.3	34.6	34.8	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 18000	21.1	31.3	32.2	33.4	34.3	34.6	34.8	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 16000	21.1	31.3	32.2	33.4	34.3	34.6	34.8	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 14000	21.1	31.3	32.3	33.4	34.3	34.7	34.8	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 12000	21.7	31.6	32.6	33.9	34.9	35.2	35.4	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 10000	22.7	34.0	35.2	36.4	37.4	37.6	37.9	38.0	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 9000	23.1	34.7	35.9	37.1	38.1	38.5	38.7	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	39.0
GE 8000	23.9	36.0	37.4	38.7	39.8	40.2	40.4	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 7000	24.8	37.4	38.8	40.1	41.3	41.7	41.9	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 6000	25.1	38.1	39.4	40.8	42.0	42.4	42.7	42.8	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0
GE 5000	26.1	39.8	41.2	42.7	43.9	44.2	44.6	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 4500	26.9	41.0	42.5	44.1	45.3	45.7	46.0	46.2	46.2	46.3	46.4	46.4	46.4	46.4	46.4	46.4
GE 4000	27.3	41.6	43.2	44.6	46.1	46.5	46.9	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.3	47.3
GE 3500	28.0	42.8	44.4	46.2	47.6	48.2	48.6	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	49.0
GE 3000	29.2	45.3	47.2	49.3	50.9	51.6	52.1	52.3	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6
GE 2500	31.7	50.3	52.7	55.1	57.0	57.8	58.5	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.1
GE 2000	33.8	55.5	58.4	61.2	63.5	64.5	65.5	65.8	65.9	66.2	66.2	66.2	66.3	66.3	66.3	66.3
GE 1800	34.5	57.5	60.7	63.6	66.1	67.2	68.2	68.7	68.7	69.1	69.1	69.1	69.2	69.2	69.2	69.2
GE 1600	35.7	60.2	63.6	67.1	69.7	71.1	72.4	73.0	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.7
GE 1200	36.0	63.2	67.6	71.5	74.8	76.4	78.2	79.1	79.1	79.6	79.9	79.9	79.9	79.9	79.9	79.9
GE 1000	36.1	64.5	69.2	73.6	77.7	79.2	81.7	82.8	82.9	83.6	83.9	83.9	83.9	83.9	84.0	
GE 900	36.1	65.0	69.9	74.5	78.4	80.6	82.2	84.4	84.5	85.5	85.6	85.6	85.6	85.6	85.7	85.7
GE 800	36.1	65.4	70.4	75.3	79.5	81.9	84.9	86.3	86.5	87.6	87.6	87.6	87.7	87.7	87.7	87.8
GE 700	36.1	65.6	70.8	76.1	80.5	83.1	86.3	87.9	88.0	89.2	89.4	89.4	89.4	89.4	89.4	89.5
GE 600	36.1	65.7	71.0	76.4	81.2	84.0	87.4	89.3	89.5	90.9	91.0	91.0	91.0	91.0	91.1	91.2
GE 500	36.1	65.7	71.1	76.7	81.6	84.6	88.4	90.6	91.1	92.8	93.1	93.1	93.3	93.3	93.3	93.4
GE 400	36.1	65.7	71.1	76.8	81.8	85.0	89.1	91.9	92.7	94.4	94.9	94.8	95.1	95.1	95.1	95.3
GE 300	36.1	65.7	71.1	76.8	81.8	85.1	89.4	92.6	93.1	95.9	96.4	96.4	96.8	96.8	96.9	97.0
GE 200	36.1	65.7	71.2	76.9	81.9	85.1	89.5	92.8	93.3	96.4	97.2	97.3	98.0	98.1	98.5	98.8
GE 100	36.1	65.7	71.2	76.9	81.9	85.1	89.5	92.8	93.3	96.4	97.2	97.3	98.3	98.5	99.0	99.6
GE 0	36.1	65.7	71.2	76.9	81.9	85.1	89.5	92.8	93.3	96.4	97.2	97.3	98.3	98.5	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 76-87
MONTH: FEB 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 0
NO CEIL	21.9	33.6	35.1	36.8	37.9	37.9	38.9	38.9	38.8	39.1	39.1	39.1	39.2	39.2	39.2	39.2
GE 25000	23.9	36.3	37.9	40.0	41.1	41.1	42.1	42.1	42.1	42.4	42.4	42.4	42.6	42.6	42.6	42.6
GE 18000	23.9	36.3	37.9	40.0	41.1	41.1	42.1	42.1	42.1	42.4	42.4	42.4	42.6	42.6	42.6	42.6
GE 16000	23.9	36.3	37.9	40.0	41.1	41.1	42.1	42.1	42.1	42.4	42.4	42.4	42.6	42.6	42.6	42.6
GE 14000	23.9	36.3	37.9	40.0	41.1	41.1	42.1	42.1	42.1	42.4	42.4	42.4	42.6	42.6	42.6	42.6
GE 12000	24.3	37.0	38.7	40.7	41.8	41.8	42.8	42.8	42.8	43.1	43.1	43.1	43.3	43.3	43.3	43.3
GE 10000	27.2	40.8	42.4	44.4	45.6	45.6	46.6	46.6	46.6	47.0	47.0	47.0	47.2	47.2	47.2	47.2
GE 9000	27.7	41.3	42.9	44.9	46.1	46.1	47.0	47.0	47.0	47.5	47.5	47.5	47.6	47.6	47.6	47.6
GE 8000	28.1	41.6	43.6	45.6	46.8	46.8	47.8	47.8	47.8	48.2	48.2	48.2	48.3	48.3	48.3	48.3
GE 7000	28.3	42.6	44.3	46.5	47.6	47.6	48.6	48.6	48.6	49.1	49.1	49.1	49.2	49.2	49.2	49.2
GE 6000	28.4	43.1	44.9	47.0	48.2	48.2	49.2	49.2	49.2	49.6	49.6	49.6	49.8	49.8	49.8	49.8
GE 5000	29.8	46.1	48.0	50.2	51.4	51.4	52.4	52.4	52.4	52.8	52.8	52.8	53.0	53.0	53.0	53.0
GE 4500	30.4	47.6	50.1	52.4	53.5	53.5	54.5	54.5	54.5	55.0	55.0	55.0	55.1	55.1	55.1	55.1
GE 4000	30.6	48.1	50.6	52.8	54.0	54.0	55.0	55.0	55.0	55.4	55.4	55.4	55.6	55.6	55.6	55.6
GE 3500	31.4	50.6	53.2	55.6	56.9	56.9	57.9	58.0	58.0	58.5	58.5	58.5	58.6	58.6	58.6	58.6
GE 3000	32.9	54.0	56.6	59.5	61.3	61.3	62.4	62.5	62.5	63.0	63.0	63.0	63.1	63.1	63.1	63.1
GE 2500	34.3	57.7	61.0	64.2	66.2	66.2	67.4	67.6	67.6	68.1	68.1	68.1	68.4	68.4	68.4	68.4
GE 2200	36.2	60.9	64.5	67.7	69.7	69.7	71.2	71.4	71.4	71.9	71.9	71.9	72.2	72.2	72.2	72.2
GE 1800	36.6	62.1	66.2	69.5	71.5	71.5	72.9	73.5	73.5	74.0	74.0	74.0	74.3	74.3	74.3	74.3
GE 1500	37.1	63.5	68.1	71.7	74.0	74.0	75.4	76.1	76.1	76.6	76.6	76.6	77.0	77.0	77.0	77.0
GE 1200	37.6	66.0	70.7	74.7	77.3	77.5	79.0	79.8	79.8	80.3	80.3	80.3	80.6	80.6	80.6	80.6
GE 1000	37.7	66.4	71.3	75.3	77.9	78.3	79.8	80.7	80.9	81.3	81.3	81.3	81.7	81.7	81.7	81.7
GE 900	37.9	66.9	71.9	75.9	78.6	79.1	80.7	81.7	81.8	82.3	82.3	82.3	82.6	82.6	82.6	82.6
GE 800	37.9	67.1	72.1	77.1	80.0	80.6	83.1	84.2	84.3	84.8	84.8	84.8	85.1	85.1	85.1	85.1
GE 700	37.9	67.1	72.3	77.4	80.4	81.1	83.9	85.0	85.1	85.6	85.6	85.6	85.9	85.9	85.9	85.9
GE 600	37.9	67.1	72.3	77.4	80.4	81.2	84.0	85.6	85.7	86.4	86.4	86.4	86.9	86.9	86.9	86.9
GE 500	37.9	67.1	72.3	77.5	80.7	82.0	85.1	87.1	87.2	88.3	88.4	88.4	88.9	88.9	88.9	88.9
GE 400	37.9	67.1	72.3	77.5	80.9	82.4	85.8	88.9	89.0	90.2	90.9	90.8	91.3	91.3	91.3	91.3
GE 300	37.9	67.1	72.3	77.5	80.9	82.4	86.1	89.5	89.6	91.4	92.4	92.7	93.1	93.1	93.3	93.5
GE 200	37.9	67.1	72.3	77.5	80.9	82.4	86.1	89.6	89.7	92.1	93.4	93.6	94.6	94.7	95.0	96.1
GE 100	37.9	67.1	72.3	77.5	80.9	82.4	86.1	89.6	89.7	92.2	93.6	93.9	94.9	95.2	96.0	98.2
GE 0	37.9	67.1	72.3	77.5	80.9	82.4	86.1	89.6	89.7	92.2	93.6	93.9	94.9	95.2	96.0	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	21.6	32.7	35.0	36.6	38.4	38.8	39.5	39.7	39.7	40.1	40.3	40.3	40.3	40.4	40.4	
GE 20000	22.9	34.5	36.8	38.8	40.5	40.9	41.7	42.2	42.2	42.6	42.8	42.8	42.8	42.8	42.9	42.9
GE 18000	22.9	34.5	36.8	38.8	40.5	40.9	41.7	42.2	42.2	42.6	42.8	42.8	42.8	42.8	42.9	42.9
GE 16000	22.9	34.5	36.8	38.8	40.5	40.9	41.7	42.2	42.2	42.6	42.8	42.8	42.8	42.8	42.9	42.9
GE 14000	22.9	34.5	36.8	38.8	40.5	40.9	41.7	42.2	42.2	42.6	42.8	42.8	42.8	42.8	42.9	42.9
GE 12000	23.0	34.8	37.0	39.0	40.8	41.1	42.0	42.6	42.6	42.9	43.1	43.1	43.1	43.1	43.3	43.3
GE 10000	24.6	37.5	39.7	41.7	43.6	44.0	44.8	45.4	45.4	45.7	46.0	46.0	46.0	46.0	46.1	46.1
GE 9000	25.1	37.9	40.2	42.2	44.1	44.4	45.3	45.9	45.9	46.2	46.5	46.5	46.5	46.5	46.6	46.6
GE 8000	25.4	38.8	41.1	43.1	45.0	45.4	46.2	46.8	46.8	47.2	47.4	47.4	47.4	47.4	47.5	47.5
GE 7000	25.9	39.7	42.1	44.1	46.1	46.5	47.3	47.9	47.9	48.2	48.5	48.5	48.5	48.5	48.6	48.6
GE 6000	26.1	40.1	42.4	44.4	46.5	46.8	47.6	48.2	48.2	48.6	48.8	48.8	48.8	48.8	48.9	48.9
GE 5000	27.2	42.3	44.7	46.7	48.7	49.1	50.0	50.7	50.7	51.1	51.3	51.3	51.3	51.3	51.4	51.4
GE 4500	27.5	43.5	46.1	48.2	50.2	50.6	51.5	52.2	52.2	52.6	52.8	52.8	52.8	52.8	53.0	53.0
GE 4000	27.9	44.2	46.8	49.1	51.1	51.4	52.4	53.1	53.1	53.4	53.7	53.7	53.7	53.7	53.8	53.8
GE 3500	28.5	46.0	48.9	51.3	53.4	53.8	54.7	55.4	55.4	55.8	56.0	56.0	56.0	56.0	56.1	56.1
GE 3000	29.2	49.1	52.4	55.3	57.7	58.0	59.3	60.0	60.0	60.4	60.6	60.6	60.6	60.6	60.8	60.8
GE 2500	30.9	51.9	55.6	58.7	61.1	61.5	62.9	63.6	63.6	63.9	64.2	64.2	64.5	64.5	64.7	64.7
GE 2000	32.2	54.5	58.5	61.9	64.4	64.8	66.2	67.0	67.0	67.4	67.6	67.6	68.0	68.0	68.1	68.1
GE 1800	32.7	56.0	60.5	64.3	66.8	67.1	68.7	69.6	69.6	70.0	70.3	70.3	70.7	70.7	70.8	70.8
GE 1600	33.1	57.8	62.4	66.9	69.5	70.0	71.5	72.7	72.7	73.0	73.4	73.4	73.8	73.8	73.9	73.9
GE 1200	33.3	59.2	64.2	68.8	72.0	73.0	74.9	76.2	76.2	76.7	77.1	77.1	77.4	77.4	77.5	77.5
GE 1000	33.3	59.9	65.1	70.3	73.8	74.9	77.3	78.8	78.8	79.3	79.7	79.7	80.0	80.0	80.1	80.1
GE 900	33.5	60.5	65.6	71.9	75.3	76.5	79.8	80.4	80.4	80.9	81.2	81.2	81.6	81.6	81.7	81.8
GE 800	33.6	61.0	66.3	72.6	76.1	77.3	80.0	81.7	81.7	82.2	82.5	82.5	82.9	82.9	83.0	83.1
GE 700	33.5	61.1	66.4	73.3	77.1	78.3	81.1	82.9	82.9	83.3	83.8	83.8	83.8	84.2	84.3	84.4
GE 600	33.5	61.1	66.4	73.3	77.1	78.6	81.8	83.7	83.7	84.3	84.8	84.8	85.1	85.1	85.2	85.3
GE 500	33.5	61.2	66.7	73.6	77.4	79.3	83.2	85.6	85.7	86.8	87.6	87.6	87.9	87.9	88.1	88.2
GE 400	33.5	61.2	66.7	73.6	77.4	79.4	83.9	86.5	86.6	88.1	89.2	89.2	89.7	89.7	89.8	90.0
GE 300	33.5	61.2	66.8	73.6	77.5	79.7	84.3	87.4	87.5	89.1	90.8	90.8	91.4	91.5	91.7	92.2
GE 200	33.5	61.2	66.8	73.8	77.5	79.7	84.4	88.1	88.2	90.2	92.2	92.2	92.9	93.0	93.9	94.8
GE 100	33.5	61.2	66.9	73.8	77.5	79.7	84.4	88.1	88.2	90.3	92.4	92.4	93.4	93.6	95.0	97.3
GE 0	33.5	61.2	66.8	73.8	77.5	79.7	84.4	88.1	88.2	90.3	92.4	92.4	93.4	93.7	95.2	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 79-87
MONTH: FEB 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 7/16	GE 1/4	GE 0
NO CEIL	17.7	29.4	32.3	34.8	35.7	36.2	36.9	38.1	38.1	38.2	38.2	38.2	38.4	38.4	38.5	38.7
GE 20000	19.8	31.0	33.8	36.4	37.8	38.3	39.1	40.3	40.3	40.4	40.4	40.4	40.7	40.7	40.8	40.9
GE 18000	19.8	31.0	33.8	36.4	37.8	38.3	39.1	40.3	40.3	40.4	40.4	40.4	40.7	40.7	40.8	40.9
GE 16000	19.8	31.0	33.8	36.4	37.8	38.4	39.2	40.4	40.4	40.5	40.5	40.5	40.8	40.8	40.9	41.0
GE 14000	19.8	31.0	33.8	36.4	37.8	38.4	39.2	40.4	40.4	40.5	40.5	40.5	40.8	40.8	40.9	41.0
GE 12000	19.9	31.1	33.9	36.5	38.1	38.7	39.5	40.7	40.7	40.8	40.8	40.8	41.0	41.0	41.1	41.3
GE 10000	19.9	32.6	35.8	38.5	40.4	41.1	42.0	43.1	43.1	43.3	43.3	43.3	43.5	43.5	43.6	43.7
GE 9000	20.2	33.3	36.5	39.2	41.1	41.8	42.7	43.9	43.9	44.0	44.0	44.0	44.2	44.2	44.3	44.4
GE 8000	20.6	34.4	37.7	40.4	42.4	43.1	44.0	45.2	45.2	45.3	45.3	45.3	45.5	45.5	45.6	45.7
GE 7000	21.0	35.6	38.9	41.6	44.1	44.8	45.6	46.9	46.9	47.0	47.0	47.0	47.3	47.3	47.4	47.5
GE 6000	21.3	35.8	39.1	41.8	44.3	45.0	45.9	47.2	47.2	47.3	47.3	47.3	47.5	47.5	47.6	47.8
GE 5000	21.9	36.8	40.1	42.9	45.4	46.1	47.3	48.6	48.6	48.7	48.7	48.7	49.1	49.1	49.2	49.3
GE 4500	22.5	39.3	41.6	44.6	47.0	47.8	48.9	50.2	50.2	50.4	50.4	50.4	50.7	50.7	50.8	50.9
GE 4000	22.5	38.8	42.2	45.3	47.8	48.5	49.6	50.9	50.9	51.1	51.1	51.1	51.4	51.4	51.5	51.7
GE 3500	22.6	40.2	43.7	47.2	49.6	50.4	51.5	53.0	53.0	53.1	53.1	53.1	53.4	53.4	53.5	53.7
GE 3000	22.8	41.4	45.5	49.2	51.8	52.8	54.0	55.4	55.4	55.6	55.6	55.6	55.9	55.9	56.1	56.3
GE 2500	24.3	44.7	49.1	53.0	55.7	56.9	58.0	59.5	59.5	59.6	59.6	59.6	59.9	59.9	60.2	60.3
GE 2200	25.8	48.2	53.2	57.1	60.0	61.3	62.6	64.3	64.3	64.5	64.5	64.5	64.9	64.9	65.1	65.2
GE 2000	26.6	49.8	54.7	59.0	61.9	63.4	64.9	66.4	66.4	66.7	66.7	66.7	67.0	67.0	67.3	67.4
GE 1800	27.2	51.8	56.7	61.3	64.3	65.7	67.7	69.5	69.5	69.7	69.7	69.7	70.1	70.1	70.3	70.4
GE 1700	27.7	53.6	59.3	64.2	67.1	69.1	71.5	73.5	73.5	73.9	73.9	73.9	74.2	74.2	74.5	74.6
GE 1600	27.7	55.1	61.1	66.9	70.4	72.6	75.2	77.8	77.8	78.3	78.4	78.4	78.7	78.7	79.0	79.1
GE 1500	27.9	55.6	61.6	67.8	71.7	74.0	77.0	79.6	79.6	80.1	80.3	80.3	80.6	80.6	80.9	81.0
GE 1400	27.9	55.9	61.9	68.2	72.5	74.7	77.7	80.4	80.4	81.2	81.3	81.3	81.7	81.7	81.9	82.0
GE 1300	27.9	56.1	62.4	68.8	73.0	75.3	78.6	81.6	81.7	82.6	82.7	82.7	83.1	83.1	83.3	83.5
GE 1200	27.9	56.1	62.4	68.9	73.6	75.9	79.3	82.7	82.9	83.8	83.9	83.9	84.3	84.3	84.5	84.6
GE 1100	27.9	56.1	62.4	69.0	74.0	76.6	80.3	84.0	84.3	85.7	86.1	86.1	86.4	86.4	86.6	86.8
GE 1000	27.9	56.1	62.4	69.1	74.1	77.2	81.0	84.8	85.3	86.9	87.2	87.2	87.6	87.6	88.1	88.2
GE 900	27.9	56.1	62.4	69.3	74.2	77.4	81.3	85.3	86.1	88.2	88.6	88.6	89.4	89.4	90.0	90.5
GE 800	27.9	56.1	62.4	69.3	74.2	77.4	81.3	86.1	86.9	89.5	90.8	90.8	91.6	92.0	92.8	93.7
GE 700	27.9	56.1	62.4	69.3	74.2	77.4	81.3	86.2	87.0	89.6	91.1	91.1	92.2	92.6	93.6	96.6
GE 0	27.9	56.1	62.4	69.3	74.2	77.4	81.3	86.2	87.0	89.6	91.1	91.1	92.2	92.6	93.6	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: FEB 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 7/16	GE 1/4	GE 0
NO CEIL	15.1	26.2	29.0	30.6	32.3	33.7	35.5	36.8	36.9	37.1	37.5	37.5	37.5	37.5	37.5	37.5
GE 20000	16.4	28.6	30.9	33.8	35.9	37.6	39.7	41.0	41.1	41.4	41.7	41.7	41.7	41.7	41.7	41.8
GE 18000	16.4	28.8	30.9	33.8	36.1	37.7	39.8	41.1	41.3	41.5	41.8	41.8	41.8	41.8	41.8	42.0
GE 16000	16.4	28.8	30.9	33.8	36.1	37.7	39.9	41.1	41.3	41.5	42.0	42.0	42.0	42.0	42.0	42.1
GE 14000	16.5	29.0	31.0	33.9	36.2	37.8	40.0	41.3	41.4	41.6	42.1	42.1	42.1	42.1	42.1	42.2
GE 12000	17.0	29.7	31.8	34.8	37.0	38.7	40.8	42.1	42.2	42.6	43.0	43.0	43.0	43.0	43.0	43.1
GE 10000	17.1	30.6	33.3	36.6	39.0	41.1	43.5	44.8	44.9	45.3	45.7	45.7	45.7	45.7	45.7	45.9
GE 9000	19.0	32.0	35.0	38.4	40.8	42.9	45.4	46.7	46.8	47.2	47.6	47.6	47.6	47.6	47.6	47.8
GE 8000	18.1	32.6	35.7	39.4	41.7	43.9	46.3	47.6	47.8	48.1	48.6	48.6	48.6	48.6	48.6	48.7
GE 7000	18.1	33.5	36.8	40.2	42.9	45.0	47.6	49.2	49.3	49.6	50.1	50.1	50.1	50.1	50.1	50.2
GE 6000	18.1	33.6	37.0	40.4	43.1	45.4	48.1	49.5	49.6	50.0	50.5	50.5	50.5	50.5	50.5	50.6
GE 5000	18.6	34.2	37.6	41.0	44.0	46.3	49.2	50.6	50.7	51.1	51.5	51.5	51.5	51.5	51.5	51.7
GE 4500	19.0	35.2	38.8	42.3	45.3	47.8	50.6	52.2	52.1	52.6	53.1	53.1	53.1	53.1	53.1	53.2
GE 4000	19.3	35.6	39.1	42.7	45.6	48.2	51.2	52.6	52.7	53.2	53.7	53.7	53.7	53.7	53.7	53.8
GE 3500	19.6	36.3	40.1	44.0	47.0	50.1	53.1	54.5	54.6	55.1	55.6	55.6	55.6	55.6	55.6	55.7
GE 3000	20.0	37.4	41.6	45.9	49.1	52.4	55.7	57.2	57.3	57.8	58.3	58.3	58.3	58.3	58.3	58.4
GE 2500	21.3	39.6	44.4	49.2	52.5	56.0	59.7	61.7	62.1	62.5	63.0	63.0	63.0	63.0	63.0	63.1
GE 2000	22.1	42.9	47.8	52.6	56.1	60.2	67.8	66.0	66.3	66.8	67.3	67.3	67.3	67.3	67.3	67.4
GE 1800	22.5	43.7	49.2	54.0	57.7	61.8	65.6	67.7	68.1	68.6	69.0	69.0	69.0	69.0	69.0	69.1
GE 1600	22.6	45.5	51.2	56.3	60.0	64.3	68.3	70.4	70.8	71.4	71.9	71.9	71.9	71.9	71.9	72.0
GE 1200	23.4	46.8	52.8	58.0	61.9	67.1	71.6	74.0	74.5	75.7	76.2	76.2	76.2	76.2	76.2	76.4
GE 1000	23.4	47.4	53.4	58.9	63.0	68.7	73.6	76.7	77.2	78.5	79.2	79.2	79.2	79.2	79.2	79.3
GE 900	23.4	47.6	53.8	59.5	63.9	70.1	75.2	78.3	78.7	80.0	80.7	80.7	80.9	80.9	80.9	81.0
GF 800	23.4	47.6	54.1	59.9	65.0	71.4	76.6	79.7	80.3	81.6	82.3	82.3	82.4	82.4	82.4	82.5
GE 700	23.4	47.6	54.4	60.3	65.7	72.8	78.1	81.7	82.5	84.0	85.0	85.0	85.1	85.1	85.1	85.2
GE 600	23.4	47.6	54.4	60.3	65.8	72.9	78.5	82.2	83.0	84.6	85.7	85.7	85.8	85.8	85.8	85.9
GE 500	23.4	47.6	54.4	60.4	66.0	73.2	79.0	83.0	83.8	86.6	87.8	87.8	88.1	88.1	88.1	88.2
GE 400	23.4	47.6	54.4	60.4	66.0	73.3	79.7	83.9	84.8	87.7	89.0	89.0	89.2	89.2	89.2	89.4
GE 300	23.4	47.6	54.4	60.4	66.0	73.3	79.7	83.9	85.0	88.1	89.6	89.6	90.4	90.7	90.7	90.9
GE 200	23.4	47.6	54.4	60.4	66.0	73.3	79.7	84.2	85.6	89.0	91.3	91.3	92.3	92.6	92.7	94.1
GE 100	23.4	47.6	54.4	60.4	66.0	73.3	79.7	84.2	85.6	89.1	91.6	91.6	93.3	93.9	94.4	97.4
GF 0	23.4	47.6	54.4	60.4	66.0	73.3	79.7	84.2	85.6	89.1	91.6	91.6	93.3	93.9	94.4	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: 725330 STATION NAME: FORT WAYNE METRO IN

PERIOD OF RECORD: 74-87
MONTH: FEB 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 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.6	32.6	35.3	36.6	38.1	39.8	40.7	40.9	41.1	41.1	41.3	41.3	41.4	41.4	41.4	41.4
GE 20000	21.7	35.6	38.9	40.3	41.6	43.5	44.3	44.6	44.8	44.8	44.9	44.9	45.0	45.0	45.0	45.0
GE 18000	21.7	35.6	38.9	40.3	41.6	43.5	44.3	44.6	44.8	44.8	44.9	44.9	45.0	45.0	45.0	45.0
GE 16000	21.7	35.6	38.9	40.3	41.7	43.6	44.4	44.7	44.9	44.9	45.0	45.0	45.2	45.2	45.2	45.2
GE 14000	21.7	35.6	38.9	40.3	41.8	43.7	44.7	44.9	45.2	45.2	45.3	45.3	45.4	45.4	45.4	45.4
GE 12000	22.3	36.4	39.6	41.3	43.0	44.9	45.9	46.1	46.3	46.3	46.5	46.5	46.6	46.6	46.6	46.6
GE 10000	22.3	37.8	41.6	43.5	45.6	47.5	48.5	48.7	48.9	48.9	49.1	49.1	49.2	49.2	49.2	49.2
GE 9000	22.5	38.5	42.4	44.3	46.5	48.3	49.3	49.5	49.6	49.6	49.9	49.9	50.0	50.0	50.0	50.0
GE 8000	23.0	40.7	44.7	46.6	48.7	50.6	51.6	51.9	52.1	52.1	52.2	52.2	52.4	52.4	52.4	52.4
GE 7000	23.3	41.3	45.6	47.5	49.6	51.5	52.5	52.8	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.3
GE 6000	23.4	41.5	45.9	47.9	50.0	51.9	52.8	53.2	53.4	53.4	53.5	53.5	53.7	53.7	53.7	53.7
GE 5000	23.4	42.0	46.6	48.6	50.9	53.0	53.9	54.3	54.5	54.5	54.6	54.6	54.7	54.7	54.7	54.7
GE 4500	23.4	42.3	46.9	48.9	51.5	53.9	54.8	55.2	55.4	55.4	55.6	55.6	55.7	55.7	55.7	55.7
GE 4000	23.9	42.9	47.5	49.5	52.4	54.7	55.7	56.0	56.3	56.3	56.4	56.4	56.5	56.5	56.5	56.5
GE 3500	23.9	44.6	48.4	51.3	54.1	56.5	57.4	57.9	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4
GE 3000	24.5	46.3	50.6	53.1	55.9	58.3	59.3	59.8	60.0	60.0	60.2	60.2	60.3	60.3	60.3	60.3
GE 2500	25.4	47.2	52.8	55.8	58.7	61.3	62.3	63.5	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9
GE 2000	27.1	50.6	56.4	59.8	62.8	65.6	67.5	68.2	68.2	68.4	68.4	68.4	68.6	68.6	68.6	68.6
GE 1800	27.5	52.5	58.5	61.9	65.0	68.1	70.3	71.2	71.4	71.4	71.6	71.6	71.7	71.7	71.7	71.7
GE 1500	28.3	54.7	61.3	65.4	68.8	72.3	75.1	76.2	76.5	76.5	76.7	76.7	76.9	76.9	76.8	76.8
GE 1200	29.8	56.9	62.6	67.1	70.7	75.5	78.7	80.3	80.6	80.6	81.1	81.1	81.2	81.2	81.2	81.2
GE 1000	26.8	56.4	63.2	68.2	72.2	77.2	80.7	83.0	83.5	83.8	84.4	84.4	84.5	84.5	84.5	84.5
GE 900	29.8	56.6	63.6	69.0	73.0	78.4	82.0	84.3	84.8	85.1	85.7	85.7	85.8	85.8	85.8	85.8
GE 800	29.8	56.6	63.8	69.0	73.0	78.6	82.4	84.8	85.2	85.6	86.2	86.2	86.3	86.3	86.3	86.3
GE 700	29.8	56.7	64.1	69.4	73.6	79.6	83.6	86.6	87.1	87.7	88.3	88.3	88.4	88.4	88.4	88.4
GE 600	29.8	56.9	64.2	69.5	73.9	79.8	84.3	88.4	89.0	89.8	90.5	90.5	90.7	90.7	90.7	90.7
GE 500	29.8	56.9	64.2	69.5	74.0	80.3	85.2	89.7	90.3	91.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 400	29.8	56.9	64.2	69.5	74.0	80.4	85.5	90.2	90.9	92.4	93.5	93.5	93.6	93.6	93.6	93.6
GE 300	29.8	56.9	64.2	69.5	74.0	80.4	85.5	90.2	90.9	92.4	93.6	93.7	94.0	94.1	94.3	94.4
GE 200	29.8	56.9	64.2	69.5	74.0	80.4	85.5	90.2	90.9	92.6	94.6	94.7	95.6	96.0	96.8	96.9
GE 100	29.8	56.9	64.2	69.5	74.0	80.4	85.5	90.2	90.9	92.9	94.7	94.8	96.7	96.8	98.0	98.7
GE 0	29.8	56.9	64.2	69.5	74.0	80.4	85.5	90.2	90.9	92.9	94.7	94.8	96.3	96.9	98.6	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.4	34.4	37.6	39.8	40.3	40.4	40.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 25000	21.4	37.5	40.7	43.0	43.5	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 18000	21.4	37.5	40.7	43.0	43.5	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 16000	21.4	37.5	40.7	43.0	43.5	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 14000	21.4	37.5	40.7	43.0	43.5	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 12000	22.0	39.5	42.7	45.2	45.6	45.9	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 10000	22.6	41.1	44.4	47.0	47.6	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 9000	22.8	41.4	44.7	47.4	48.0	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 8000	27.2	43.3	47.2	49.9	50.5	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 7000	23.7	44.1	48.2	50.9	51.6	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 6000	23.4	44.6	48.7	51.5	52.1	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 5000	23.8	45.5	49.6	52.6	53.3	53.5	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 4900	24.0	46.3	50.6	53.4	54.2	54.6	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 4800	24.6	47.2	51.4	54.3	55.1	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 3500	25.1	48.8	53.1	56.0	56.9	57.4	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 3000	25.5	50.4	54.8	58.0	59.0	59.6	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 2500	27.5	54.3	58.9	62.3	63.2	64.1	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 2000	29.3	56.5	63.5	67.5	68.6	69.6	70.9	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 1800	29.7	57.7	65.2	69.4	70.7	71.7	73.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 1500	30.3	62.3	68.1	72.2	73.6	75.1	76.8	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 1200	30.9	63.6	69.9	74.3	75.8	77.9	80.4	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1000	30.8	64.3	70.7	75.5	77.5	80.1	83.6	85.6	85.8	86.3	86.5	86.5	86.5	86.5	86.5	86.5
GE 900	30.9	64.5	71.3	76.4	78.4	81.2	84.6	86.8	87.0	87.6	87.8	87.8	87.8	87.8	87.8	87.8
GE 800	30.9	64.5	71.3	76.5	78.7	81.6	85.6	88.2	88.5	89.2	89.5	89.5	89.7	89.7	89.7	89.7
GE 700	31.0	64.7	71.5	76.7	79.0	82.2	86.4	89.8	90.2	91.1	91.5	91.5	91.7	91.7	91.7	91.7
GE 600	30.6	64.7	71.6	76.8	79.1	82.3	87.5	91.6	91.5	92.4	92.8	92.8	93.0	93.0	93.0	93.0
GE 500	30.6	64.7	71.6	76.8	79.1	82.3	87.6	91.6	92.1	93.6	94.0	94.0	94.4	94.4	94.4	94.4
GE 400	30.6	64.7	71.6	76.8	79.1	82.3	88.1	92.3	92.8	94.7	95.2	95.2	96.0	96.0	96.0	96.2
GE 300	30.6	64.7	71.6	76.8	79.1	82.3	88.1	92.3	92.8	94.7	95.3	95.3	96.5	96.5	96.5	96.8
GE 200	30.6	64.7	71.6	76.8	79.1	82.3	88.1	92.3	92.8	95.0	95.7	95.7	97.0	97.0	97.5	97.9
GE 100	30.6	64.7	71.6	76.8	79.1	82.3	88.1	92.3	92.8	95.0	95.7	95.7	97.0	97.0	97.6	98.2
GE 0	30.6	64.7	71.6	76.8	79.1	82.3	88.1	92.3	92.8	95.0	95.7	95.7	97.4	97.5	98.7	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: FEB 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 7/8	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	22.5	33.9	36.1	37.4	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9
GE 20000	24.7	37.9	40.3	42.1	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0
GE 18000	24.7	37.9	40.3	42.1	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0
GE 16000	24.7	37.9	40.3	42.1	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0
GE 14000	24.7	38.1	40.4	42.2	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1
GE 12000	24.9	38.9	41.4	43.1	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1
GE 10000	26.4	41.8	44.4	46.3	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4
GE 9000	26.8	42.4	45.2	47.2	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2
GE 8000	27.4	44.2	46.9	48.9	49.8	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1
GE 7000	28.3	45.9	48.6	50.6	51.4	51.4	51.5	51.7	51.7	51.7	51.7	51.7	51.9	51.8	51.8	51.8
GE 6000	28.4	46.6	49.3	51.3	52.1	52.1	52.2	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
GE 5000	29.0	48.6	51.3	53.3	54.1	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7
GE 4500	29.7	50.2	53.1	55.1	56.0	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7
GE 4000	29.7	50.5	53.4	55.6	56.6	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3
GE 3500	30.6	52.1	55.2	57.6	58.9	59.3	59.5	59.6	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8
GE 3000	31.4	53.5	56.6	59.0	60.4	60.9	61.0	61.1	61.1	61.2	61.3	61.3	61.6	61.6	61.6	61.6
GE 2500	33.3	57.2	60.4	62.8	64.2	64.7	65.0	65.2	65.2	65.4	65.5	65.5	65.7	65.7	65.7	65.7
GE 2000	35.8	61.9	65.1	67.8	69.4	70.0	70.7	70.9	70.9	71.0	71.4	71.4	71.6	71.6	71.6	71.6
GE 1800	36.2	63.4	66.8	69.5	71.0	71.7	72.5	72.7	72.7	72.8	73.2	73.2	73.4	73.4	73.4	73.4
GE 1600	36.6	65.2	69.1	72.1	73.8	75.2	76.4	76.6	76.6	76.7	77.1	77.1	77.3	77.3	77.3	77.3
GE 1400	37.4	66.8	71.7	74.9	77.0	78.8	80.4	81.0	81.0	81.2	81.7	81.7	81.9	81.9	81.9	81.9
GE 1200	37.4	67.1	72.3	76.1	78.5	80.7	82.6	83.5	83.5	84.0	84.6	84.6	85.2	85.2	85.2	85.2
GE 1000	37.4	67.6	72.9	76.8	79.2	81.7	83.6	84.6	84.6	85.3	85.9	85.9	86.5	86.5	86.5	86.5
GE 900	37.4	67.8	73.4	77.5	80.0	82.6	85.0	86.5	86.5	87.2	88.2	88.2	88.8	88.8	88.8	88.8
GE 800	37.4	67.8	73.4	77.7	80.4	83.1	85.6	87.2	87.2	88.2	89.1	89.1	89.7	89.7	89.7	89.7
GE 700	37.4	67.8	73.5	77.8	80.5	83.6	86.6	88.5	88.8	89.7	90.7	90.7	91.3	91.3	91.3	91.3
GE 600	37.4	67.8	73.6	78.0	80.9	84.2	87.4	89.5	89.8	91.3	92.4	92.6	93.3	93.3	93.3	93.3
GE 500	37.4	68.0	73.9	78.4	81.2	84.6	88.1	90.7	91.4	93.0	94.4	94.8	95.5	95.5	95.5	95.5
GE 400	37.4	68.0	73.9	78.4	81.2	84.6	88.2	91.3	92.1	94.0	95.4	95.9	96.7	96.7	96.7	96.9
GE 300	37.4	68.0	73.9	78.4	81.2	84.9	88.3	91.7	92.6	94.6	96.2	96.7	97.6	97.8	98.1	98.3
GE 200	37.4	68.0	73.9	78.4	81.2	84.9	88.3	91.7	92.6	94.6	96.3	96.8	98.0	98.3	98.9	99.5
GE 0	37.4	68.0	73.9	78.4	81.2	84.9	88.3	91.7	92.6	94.6	96.3	96.8	98.0	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 546

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: FEB 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	24.1	37.7	38.8	40.3	40.6	40.8	40.8	40.8	40.8	40.8	40.9	40.9	41.0	41.0	41.0	41.1
GE 20000	26.1	40.9	42.2	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.6	44.6	44.6	44.7
GE 18000	26.1	40.9	42.2	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.6	44.6	44.6	44.7
GE 16000	26.1	40.9	42.2	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.6	44.6	44.6	44.7
GE 14000	26.4	41.5	42.5	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.3	45.3	45.3	45.4
GE 12000	26.8	42.0	43.6	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.9	45.9	46.0	46.0	46.0	46.1
GE 10000	29.2	45.5	47.3	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.6	49.6	49.6	49.8
GE 9000	29.7	46.1	48.0	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.4	50.4	50.4	50.5
GE 8000	29.8	47.0	49.1	50.7	51.2	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.5	51.5	51.5	51.7
GE 7000	30.7	48.2	50.6	52.2	52.7	52.7	52.7	52.8	52.8	52.8	53.0	53.0	53.1	53.1	53.1	53.2
GE 6000	30.9	48.7	51.1	52.8	53.3	53.3	53.3	53.4	53.4	53.4	53.5	53.5	53.7	53.7	53.7	53.8
GE 5000	31.7	50.2	52.6	54.4	54.8	55.0	55.1	55.2	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.6
GE 4500	32.0	51.9	54.3	56.0	56.5	57.0	57.1	57.2	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.6
GE 4000	32.2	52.6	55.1	57.0	57.4	57.9	58.0	58.2	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.5
GE 3500	32.7	54.6	57.1	59.0	59.5	59.9	60.0	60.2	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.5
GE 3000	33.2	56.4	59.0	61.0	61.7	62.3	62.5	62.6	62.8	62.6	62.9	62.9	63.0	63.0	63.0	63.1
GE 2500	35.5	60.8	63.8	66.4	67.3	68.0	68.2	68.7	68.7	68.7	68.9	68.9	69.0	69.0	69.0	69.1
GE 2000	37.5	64.7	68.3	70.9	71.7	72.5	72.7	73.2	73.2	73.2	73.4	73.4	73.5	73.5	73.5	73.6
GE 1800	37.7	66.0	69.6	72.2	73.0	73.8	74.0	74.6	74.6	74.6	74.9	74.9	75.1	75.1	75.1	75.2
GE 1500	37.9	67.4	71.3	74.2	75.3	76.0	76.2	76.8	76.8	76.8	77.2	77.2	77.3	77.3	77.3	77.4
GE 1200	38.5	68.8	73.0	76.2	77.5	78.4	78.7	79.3	79.3	79.7	80.0	80.0	80.1	80.1	80.1	80.3
GE 1000	38.9	69.5	74.1	77.7	79.1	80.0	80.6	81.6	81.6	82.0	82.4	82.4	82.5	82.5	82.5	82.6
GE 900	38.9	69.7	74.5	78.3	79.7	80.7	81.3	82.3	82.3	82.7	83.1	83.1	83.2	83.2	83.2	83.3
GE 800	38.9	70.1	75.4	79.6	81.1	82.6	83.5	85.0	85.0	85.5	85.8	85.8	85.9	85.9	85.9	86.1
GE 700	38.9	70.2	75.5	79.8	81.4	83.0	83.9	85.6	85.6	86.1	86.4	86.4	86.5	86.5	86.5	86.6
GE 600	38.9	70.2	75.5	80.1	81.9	83.5	84.8	86.6	86.6	87.2	87.6	87.6	87.7	87.7	87.7	87.8
GE 500	38.9	70.2	75.5	80.7	82.6	84.6	86.2	88.5	88.4	89.0	89.7	89.7	89.8	89.8	89.8	90.0
GE 400	39.0	70.3	75.7	80.9	82.7	85.0	86.6	89.5	89.5	90.6	91.6	91.6	91.7	91.7	91.7	91.8
GE 300	39.0	70.3	75.7	80.9	82.7	85.1	86.9	90.2	90.2	91.7	92.9	92.9	93.3	93.3	93.4	93.6
GE 200	39.0	70.3	75.7	80.9	82.7	85.2	87.1	91.0	91.0	93.4	95.0	95.0	95.5	95.5	95.9	96.7
GE 100	39.0	70.3	75.7	80.9	82.7	85.2	87.1	91.0	91.0	93.4	95.0	95.0	95.9	96.0	97.0	98.5
GE 0	39.0	70.3	75.7	80.9	82.7	85.2	87.1	91.0	91.0	93.4	95.0	95.0	96.0	96.2	97.4	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: 725330 STATION NAME: FORT WAYNE MUNI IN 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 5/16	GE 1/4	GE 0
NO CEIL	29.5	32.6	34.8	36.6	37.7	38.2	38.8	39.2	39.2	39.4	39.5	39.5	39.6	39.6	39.6	39.6
GE 25000	32.0	35.3	37.7	39.8	41.0	41.5	42.2	42.7	42.7	42.8	43.0	43.0	43.0	43.0	43.1	43.1
GE 18000	32.0	35.3	37.7	39.8	41.0	41.5	42.2	42.7	42.7	42.9	43.0	43.0	43.1	43.1	43.1	43.1
GE 16000	32.0	35.3	37.7	39.8	41.0	41.6	42.3	42.7	42.8	42.9	43.0	43.0	43.1	43.1	43.1	43.2
GE 14000	32.0	35.4	37.8	39.9	41.1	41.7	42.4	42.9	42.9	43.0	43.2	43.2	43.2	43.2	43.3	43.3
GE 12000	32.4	36.2	38.6	40.7	42.0	42.6	43.3	43.9	43.8	43.9	44.1	44.1	44.1	44.1	44.2	44.2
GE 10000	33.0	38.5	41.1	43.4	44.8	45.5	46.2	46.7	46.7	46.9	47.0	47.0	47.1	47.1	47.1	47.2
GE 9000	34.1	39.1	41.9	44.2	45.6	46.2	47.0	47.5	47.5	47.7	47.8	47.8	47.9	47.9	47.9	47.9
GE 8000	34.9	40.4	43.3	45.6	47.0	47.7	48.4	48.9	49.0	49.1	49.3	49.3	49.3	49.3	49.4	49.4
GE 7000	34.9	41.2	44.4	46.7	48.3	48.9	49.7	50.2	50.3	50.4	50.6	50.6	50.7	50.7	50.7	50.7
GE 6000	35.0	41.7	44.8	47.2	48.7	49.4	50.2	50.7	50.8	50.9	51.0	51.0	51.1	51.1	51.2	51.2
GE 5000	35.7	43.2	46.3	48.7	50.3	51.1	52.0	52.5	52.6	52.7	52.9	52.9	53.0	53.0	53.0	53.0
GE 4500	36.1	44.4	47.7	50.1	51.8	52.7	53.6	54.2	54.2	54.4	54.5	54.5	54.6	54.6	54.6	54.7
GE 4000	36.7	45.6	48.3	50.6	52.5	53.4	54.4	54.9	54.9	55.1	55.2	55.2	55.3	55.3	55.4	55.4
GE 3500	36.8	46.6	50.3	52.7	54.5	55.5	56.5	57.1	57.1	57.3	57.4	57.4	57.5	57.5	57.6	57.6
GE 3000	37.4	48.4	52.1	55.1	57.1	58.2	59.3	59.9	59.9	60.1	60.3	60.3	60.4	60.4	60.4	60.5
GE 2500	38.0	51.7	55.7	59.1	61.1	62.3	63.6	64.4	64.5	64.6	64.8	64.8	65.0	65.0	65.0	65.1
GE 2200	38.7	55.3	59.7	63.2	65.4	66.7	68.2	69.0	69.1	69.3	69.5	69.5	69.7	69.7	69.7	69.8
GE 2000	39.2	56.6	61.3	65.0	67.2	68.6	70.2	71.2	71.2	71.5	71.7	71.7	71.9	71.9	71.9	72.0
GE 1800	39.7	58.5	63.5	67.5	69.9	71.6	73.4	74.5	74.6	74.8	75.1	75.1	75.3	75.3	75.3	75.3
GE 1600	40.2	60.1	65.5	69.8	72.4	74.7	76.9	78.3	78.4	78.8	79.1	79.1	79.3	79.3	79.3	79.4
GE 1400	40.2	60.8	66.4	71.1	74.1	76.6	79.2	81.0	81.1	81.7	82.1	82.1	82.3	82.3	82.3	82.4
GE 1200	40.3	61.1	66.9	71.9	75.0	77.7	80.4	82.2	82.4	83.0	83.4	83.4	83.6	83.6	83.7	83.7
GE 1000	40.3	61.3	67.3	72.5	75.8	78.7	81.7	83.8	84.0	84.6	85.1	85.1	85.3	85.3	85.4	85.4
GE 900	40.3	61.4	67.5	72.9	76.3	79.4	82.7	85.0	85.3	86.1	86.6	86.6	86.8	86.8	86.9	86.9
GE 800	40.3	61.5	67.6	73.0	76.5	79.7	83.3	86.1	86.4	87.3	87.8	87.8	88.1	88.1	88.1	88.2
GE 700	40.3	61.5	67.6	73.2	76.8	80.3	84.2	87.4	87.7	89.1	89.8	89.8	90.2	90.2	90.2	90.3
GE 600	40.3	61.5	67.6	73.3	76.9	80.6	84.8	88.3	88.8	90.4	91.4	91.4	91.8	91.8	91.9	92.0
GE 500	40.3	61.5	67.7	73.3	77.0	80.7	85.0	88.8	89.3	91.2	92.4	92.5	93.1	93.1	93.3	93.6
GE 400	40.3	61.5	67.7	73.3	77.0	80.7	85.0	89.1	89.7	92.1	93.6	93.8	94.7	94.9	95.4	96.1
GE 100	40.3	61.5	67.7	73.3	77.0	80.7	85.0	89.2	89.7	92.1	93.8	93.9	95.1	95.4	96.3	98.0
GE 0	40.3	61.5	67.7	73.3	77.0	80.7	85.0	89.2	89.7	92.1	93.8	93.9	95.2	95.6	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 6766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAR 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 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.7	41.5	42.4	43.3	44.1	44.4	44.4	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6
GE 20000	35.2	44.2	45.3	46.2	47.1	47.4	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
GE 18000	35.2	44.2	45.3	46.2	47.1	47.4	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
GE 16000	35.2	44.2	45.3	46.2	47.1	47.4	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
GE 14000	35.2	44.2	45.3	46.2	47.1	47.4	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
GE 12000	35.5	44.5	45.6	46.6	47.4	47.7	47.8	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1
GE 10000	36.7	46.3	47.6	48.6	49.5	49.9	50.0	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
GE 9000	36.9	46.7	48.0	48.9	49.8	50.2	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5
GE 8000	37.2	47.2	48.5	49.5	50.3	50.6	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1
GE 7000	38.6	49.4	50.8	51.7	52.6	53.0	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3
GE 6000	39.0	49.9	51.3	52.3	53.1	53.5	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 5000	40.6	52.8	54.3	55.6	56.5	56.9	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2
GE 4500	41.4	54.2	56.0	57.3	58.2	58.6	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
GE 4000	41.5	55.1	56.9	58.3	59.1	59.6	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9
GE 3500	42.6	57.1	59.1	60.5	61.4	61.8	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2
GE 3000	43.7	58.1	60.6	64.4	65.3	65.7	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0
GE 2500	45.4	63.7	66.5	66.5	69.4	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 2000	46.6	67.1	71.0	73.0	74.0	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 1800	47.1	68.4	72.0	74.9	76.0	76.5	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8
GE 1500	48.4	71.3	75.4	77.8	78.9	79.4	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8
GE 1200	49.8	74.6	79.6	83.0	84.2	84.6	84.7	84.8	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2
GE 1000	49.9	75.8	81.0	84.9	86.2	86.6	87.1	87.2	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	49.9	76.7	81.5	86.0	87.7	88.2	88.5	88.6	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0
GE 800	49.9	76.8	82.3	86.7	88.7	89.1	89.6	89.7	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2
GE 700	49.9	77.2	82.9	87.6	89.8	90.2	90.8	91.1	91.1	91.5	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	49.9	77.2	83.3	88.6	90.9	91.4	92.0	92.6	92.6	93.2	93.5	93.5	93.5	93.5	93.5	93.5
GE 500	49.9	77.2	83.3	88.6	91.3	91.9	93.1	93.9	93.9	94.6	94.8	94.8	95.1	95.1	95.1	95.1
GE 400	49.9	77.2	83.4	88.7	91.7	92.4	93.9	94.7	94.7	95.6	95.9	95.9	96.1	96.1	96.1	96.1
GE 300	49.9	77.2	83.4	88.7	91.7	92.4	94.0	95.7	95.7	96.7	97.6	97.6	98.0	98.0	98.0	98.0
GE 200	49.9	77.2	83.4	88.7	91.7	92.4	94.0	96.1	96.1	97.3	98.3	98.4	98.7	98.7	98.9	98.9
GE 100	49.9	77.2	83.4	88.7	91.8	92.5	94.1	96.3	96.3	97.5	98.6	98.7	99.0	99.1	99.7	99.7
GE 0	49.9	77.2	83.4	88.7	91.8	92.5	94.1	96.3	96.3	97.5	98.6	98.7	99.0	99.1	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	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	29.5	29.8	40.2	41.0	41.4	41.9	42.3	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	
GE 20000	31.8	44.1	44.7	45.5	46.2	46.8	47.1	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4
GE 18000	31.8	44.1	44.7	45.5	46.2	46.8	47.1	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4
GE 16000	31.8	44.1	44.7	45.5	46.2	46.8	47.1	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4
GE 14000	31.8	44.1	44.7	45.5	46.2	46.8	47.1	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4
GE 12000	31.8	44.2	44.8	45.7	46.5	47.0	47.3	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6
GE 10000	32.4	45.2	46.1	47.1	48.0	48.5	48.8	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1
GE 9000	32.5	45.5	46.5	47.4	48.3	48.8	49.1	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5
GE 8000	33.5	47.2	48.3	49.2	50.1	50.6	51.0	51.2	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4
GE 7000	34.4	48.7	49.9	50.9	51.8	52.4	52.7	52.9	52.9	52.9	53.0	53.0	53.1	53.1	53.1	53.1
GE 6000	34.7	48.9	50.1	51.2	52.2	52.7	53.0	53.2	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.4
GE 5000	36.2	51.6	52.8	53.9	54.9	55.5	55.9	56.1	56.1	56.1	56.2	56.2	56.3	56.3	56.3	56.3
GE 4500	37.3	54.1	55.3	56.5	57.6	58.2	58.6	58.8	58.8	58.8	58.9	58.9	59.0	59.0	59.0	59.0
GE 4000	37.6	55.7	57.0	58.2	59.4	59.9	60.3	60.5	60.5	60.5	60.6	60.6	60.8	60.8	60.8	60.8
GE 3500	38.4	57.3	58.6	59.8	61.1	61.6	62.2	62.4	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.6
GE 3000	39.5	59.5	60.9	62.3	63.9	64.4	64.9	65.2	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.4
GE 2500	40.6	63.2	64.9	67.1	68.8	69.4	69.9	70.1	70.1	70.3	70.4	70.4	70.5	70.5	70.5	70.5
GE 2000	41.6	66.6	68.6	70.3	72.2	72.7	73.2	73.4	73.4	73.7	73.8	73.8	73.9	73.9	73.9	73.9
GE 1800	42.6	67.7	69.9	72.3	74.2	74.7	75.3	75.5	75.5	75.7	75.8	75.8	75.9	75.9	75.9	75.9
GE 1500	43.7	70.4	72.6	75.4	77.4	78.0	78.5	78.7	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.1
GE 1200	45.2	73.4	75.9	79.0	81.4	82.0	82.8	83.1	83.1	83.4	83.5	83.5	83.7	83.7	83.7	83.7
GE 1000	45.6	75.1	77.6	81.5	84.0	84.6	85.6	86.1	86.1	86.6	86.7	86.7	86.8	86.8	86.8	86.8
GE 900	45.7	75.7	78.9	82.8	85.5	86.2	87.2	87.7	87.7	88.2	88.3	88.3	88.4	88.4	88.4	88.4
GE 800	45.8	75.9	79.1	83.1	85.8	86.6	87.5	88.3	88.3	89.0	89.1	89.1	89.2	89.2	89.2	89.2
GE 700	45.9	76.6	80.0	84.2	87.6	88.4	89.6	90.4	90.4	91.2	91.3	91.3	91.4	91.4	91.4	91.4
GE 600	45.9	76.7	80.4	84.8	88.2	89.7	90.9	91.7	91.7	92.6	92.7	92.7	93.0	93.0	93.0	93.0
GE 500	45.9	76.9	80.8	85.3	89.5	90.3	92.0	93.2	93.2	94.2	94.4	94.4	94.7	94.7	94.7	94.7
GE 400	45.9	76.9	80.8	85.4	89.9	90.6	92.6	94.2	94.2	95.2	95.5	95.5	95.8	95.8	95.8	95.8
GE 300	45.9	76.9	80.8	85.4	89.9	91.2	93.1	95.4	95.4	96.6	96.9	96.9	97.3	97.3	97.3	97.3
GE 200	45.9	76.9	80.8	85.4	89.9	90.8	93.2	96.0	96.0	97.6	98.0	98.2	98.7	98.7	98.7	98.7
GE 100	45.9	76.9	80.8	85.4	89.9	90.8	93.3	96.0	96.0	97.8	98.2	98.4	99.1	99.1	99.4	99.4
GE 0	45.9	76.9	80.8	85.4	89.9	90.8	93.3	96.0	96.0	97.8	98.2	98.4	99.1	99.1	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAR 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	29.1	39.5	37.6	39.5	40.4	41.1	41.4	41.4	41.4	41.7	41.9	41.9	41.9	41.9	41.9	42.0
GE 20000	25.7	38.0	40.6	43.5	45.2	45.9	46.2	46.2	46.2	46.7	46.9	46.9	46.9	46.9	46.9	47.0
GE 18000	25.7	38.0	40.6	43.5	45.2	45.9	46.2	46.2	46.2	46.7	46.9	46.9	46.9	46.9	46.9	47.0
GE 16000	25.7	38.0	40.6	43.5	45.2	45.9	46.2	46.2	46.2	46.7	46.9	46.9	46.9	46.9	46.9	47.0
GE 14000	25.7	38.0	40.6	43.5	45.2	45.9	46.2	46.2	46.2	46.7	46.9	46.9	46.9	46.9	46.9	47.0
GE 12000	26.2	38.8	41.5	44.4	46.0	46.8	47.1	47.1	47.1	47.5	47.7	47.7	47.7	47.7	47.7	47.8
GE 10000	26.8	40.5	43.2	46.5	48.4	49.1	49.5	49.5	49.5	49.9	50.1	50.1	50.1	50.1	50.1	50.2
GE 9000	27.3	41.5	44.3	47.6	49.6	50.3	50.8	50.8	50.8	51.2	51.4	51.4	51.4	51.4	51.4	51.5
GE 8000	28.6	43.1	45.9	49.2	51.3	52.0	52.6	52.6	52.6	53.0	53.2	53.2	53.2	53.2	53.2	53.3
GE 7000	29.0	44.2	47.0	50.3	52.5	53.2	53.8	53.8	53.8	54.2	54.4	54.4	54.4	54.4	54.4	54.5
GE 6000	29.2	44.2	47.1	50.4	52.7	53.7	54.2	54.2	54.2	54.6	54.8	54.8	54.8	54.8	54.8	54.9
GE 5000	30.6	46.2	49.5	52.9	55.6	56.6	57.2	57.2	57.2	57.6	57.8	57.8	57.8	57.8	57.8	58.0
GE 4500	31.3	48.1	51.4	54.9	57.6	58.6	59.2	59.2	59.2	59.7	59.9	59.9	59.9	59.9	59.9	60.0
GE 4000	31.5	48.9	52.5	56.0	58.9	60.0	60.6	60.6	60.6	61.1	61.3	61.3	61.3	61.3	61.3	61.4
GE 3500	32.4	50.5	54.2	58.0	61.2	62.3	62.9	63.0	63.0	63.4	63.7	63.7	63.7	63.7	63.7	63.8
GE 3000	33.3	52.6	56.7	60.4	63.8	64.9	65.6	65.7	65.7	66.1	66.3	66.3	66.3	66.3	66.3	66.5
GE 2500	34.9	55.7	59.6	63.9	67.3	68.6	69.5	69.9	69.9	70.3	70.5	70.5	70.5	70.5	70.5	70.6
GE 2000	35.9	58.4	62.4	67.5	71.1	72.5	73.2	73.8	73.8	74.2	74.4	74.4	74.4	74.4	74.4	74.5
GE 1800	36.2	59.1	63.7	68.5	72.2	73.5	74.5	74.9	74.9	75.4	75.6	75.6	75.6	75.6	75.6	75.7
GE 1600	36.5	60.0	65.3	70.2	74.0	75.4	76.5	76.9	76.9	77.3	77.5	77.5	77.5	77.5	77.5	77.6
GE 1200	37.8	64.1	68.9	74.4	78.5	80.1	81.4	81.9	81.9	82.5	82.7	82.7	82.7	82.7	82.7	82.8
GE 1000	38.0	65.2	70.3	76.5	81.0	82.6	84.0	84.4	84.8	85.6	85.8	85.8	85.8	85.8	85.8	85.9
GE 900	38.0	65.4	71.0	77.3	82.2	83.8	85.2	86.0	86.0	86.8	87.1	87.1	87.1	87.1	87.1	87.2
GE 800	38.1	65.8	71.6	78.0	82.9	84.6	86.2	86.9	87.0	88.0	88.3	88.3	88.4	88.4	88.4	88.5
GE 700	38.1	66.2	72.5	79.0	84.4	86.3	88.2	89.2	89.4	90.5	90.9	90.9	91.0	91.0	91.0	91.2
GE 600	38.1	66.6	73.0	79.8	85.3	87.2	89.6	90.8	90.9	92.2	92.5	92.5	92.6	92.6	92.6	92.8
GE 500	38.1	66.6	73.2	80.0	86.0	88.1	90.6	92.6	92.7	94.2	94.6	94.6	94.7	94.7	94.7	94.9
GE 400	38.1	66.6	73.3	80.1	86.1	88.4	91.5	93.9	94.1	95.7	96.2	96.2	96.3	96.3	96.3	96.6
GE 300	38.1	66.6	73.3	80.1	86.1	88.4	91.5	94.1	94.3	96.1	97.0	97.0	97.1	97.1	97.1	97.3
GE 200	38.1	66.6	73.3	80.1	86.1	88.4	91.5	94.4	94.6	96.6	98.0	98.0	98.6	98.9	98.9	99.1
GE 100	38.1	66.6	73.3	80.1	86.1	88.4	91.5	94.4	94.6	96.7	98.1	98.1	99.0	99.5	99.5	99.9
GE 0	38.1	66.6	73.3	80.1	86.1	88.4	91.5	94.4	94.6	96.7	98.1	98.1	99.0	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	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	22.4	33.2	36.0	37.2	38.5	39.7	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 20000	24.0	37.1	40.0	41.5	43.2	44.4	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 18000	24.0	37.1	40.0	41.5	43.2	44.4	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 16000	24.0	37.1	40.0	41.5	43.2	44.4	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 14000	24.0	37.4	40.3	41.8	43.5	44.7	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 12000	24.6	38.0	40.9	42.4	44.1	45.3	45.8	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 10000	25.4	39.7	43.0	44.6	46.7	47.6	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 9000	25.4	39.9	43.4	45.3	47.2	48.4	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 8000	26.6	42.5	46.6	48.1	50.1	51.3	52.0	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 7000	27.4	43.8	47.5	49.6	52.0	53.3	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 6000	27.4	44.1	47.6	50.0	52.6	53.9	54.6	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 5000	28.0	46.0	49.9	52.4	54.9	56.6	57.5	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 4500	28.1	46.6	50.8	53.4	56.2	57.8	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 4000	28.4	47.1	51.2	54.0	57.0	58.6	59.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 3500	28.7	48.5	52.9	56.0	59.1	60.9	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 3000	30.4	51.5	56.0	59.4	62.9	64.7	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 2500	31.9	54.4	59.1	62.7	66.1	68.1	69.4	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8
GE 2000	32.7	57.6	62.7	66.3	69.9	71.8	73.2	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9
GE 1800	34.1	59.6	64.7	68.4	72.0	74.1	75.6	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3
GE 1600	35.2	62.6	68.1	71.7	75.5	77.7	79.4	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1
GE 1200	36.5	65.7	71.7	75.5	79.4	81.7	83.5	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3
GE 1000	36.9	67.0	72.1	77.4	81.3	83.8	85.8	86.5	86.6	86.9	86.9	86.9	86.9	86.9	86.9
GE 900	36.9	67.2	73.5	78.0	81.9	84.4	86.6	87.4	87.5	88.1	88.1	88.1	88.1	88.1	88.1
GE 800	37.0	67.4	73.8	78.2	82.4	85.4	87.6	88.6	88.9	89.5	89.6	89.6	89.7	89.7	89.7
GE 700	37.0	67.6	74.1	78.5	82.7	86.1	89.0	90.2	90.6	91.3	91.4	91.4	91.5	91.5	91.5
GE 600	37.0	67.6	74.1	78.5	83.1	86.6	89.9	91.2	91.7	92.4	92.5	92.5	92.6	92.6	92.6
GE 500	37.0	67.6	74.1	78.7	83.4	87.1	91.0	92.5	93.0	93.8	94.1	94.1	94.2	94.2	94.2
GE 400	37.0	67.6	74.2	78.8	83.5	87.3	91.6	93.8	94.4	95.3	96.2	96.2	96.3	96.5	96.5
GE 300	37.0	67.6	74.2	78.8	83.5	87.4	91.8	94.1	94.7	96.8	97.5	97.5	97.8	98.0	98.0
GE 200	37.0	67.6	74.2	78.8	83.5	87.4	91.8	94.1	94.7	97.0	98.0	98.0	98.3	98.4	98.8
GE 100	37.0	67.6	74.2	78.8	83.5	87.4	91.8	94.1	94.7	97.0	98.1	98.1	98.6	98.7	99.0
GE 0	37.0	67.6	74.2	78.8	83.5	87.4	91.8	94.1	94.7	97.0	98.1	98.1	98.6	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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 7/8	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	24.0	34.9	35.9	36.0	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 25000	27.5	41.6	42.9	43.2	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 18000	27.5	41.6	42.9	43.2	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 16000	27.5	41.7	43.0	43.3	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 14000	27.5	41.7	43.0	43.3	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 12000	27.7	42.2	43.4	43.6	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 10000	28.2	43.6	45.3	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 9000	28.3	44.2	45.7	46.1	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 8000	29.0	46.3	48.1	48.5	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 7000	29.1	46.9	48.7	49.2	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 6000	29.8	47.7	49.6	50.1	50.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 5000	29.8	49.4	51.3	51.8	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 4500	30.0	50.3	52.4	52.9	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 4000	30.4	51.3	53.9	54.5	55.1	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 3500	31.4	53.1	55.7	56.5	57.0	57.4	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 3000	32.7	56.9	60.1	60.9	61.5	61.9	62.2	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 2500	35.9	61.8	65.4	66.5	67.1	67.8	68.2	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 2000	39.2	66.6	70.4	71.8	72.6	73.4	73.9	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1500	39.9	68.1	72.6	74.1	74.8	75.6	76.2	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1000	40.8	72.2	76.8	78.5	79.2	80.3	81.3	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1200	41.4	75.5	80.5	82.4	83.9	85.4	86.6	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	42.0	76.9	82.2	84.1	85.7	87.5	88.9	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 900	42.0	77.1	82.4	84.3	86.2	88.2	89.9	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 800	42.0	77.2	82.5	84.4	86.3	88.4	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 700	42.0	77.4	82.8	84.6	87.0	89.6	91.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 600	42.0	77.5	83.0	85.1	87.4	90.2	93.1	94.3	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	42.0	77.5	83.0	85.1	87.4	90.6	93.7	95.2	95.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	42.0	77.5	83.0	85.1	87.4	90.6	93.8	95.7	96.2	97.6	98.0	98.0	98.1	98.1	98.1	98.1
GE 300	42.0	77.5	83.0	85.1	87.4	90.6	93.8	95.9	96.5	98.1	99.0	99.0	99.4	99.4	99.5	99.6
GE 200	42.0	77.5	83.0	85.1	87.4	90.6	93.8	95.9	96.5	98.1	99.0	99.0	99.7	99.7	99.8	99.9
GE 100	42.0	77.5	83.0	85.1	87.4	90.6	93.8	95.9	96.5	98.1	99.0	99.0	99.7	99.8	99.9	100.0
GE 0	42.0	77.5	83.0	85.1	87.4	90.6	93.8	95.9	96.5	98.1	99.0	99.0	99.7	99.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAR 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	25.7	35.1	35.5	35.9	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 20000	29.7	40.2	40.6	41.1	41.8	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 18000	29.7	40.2	40.6	41.1	41.8	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 16000	29.7	40.2	40.6	41.1	41.8	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 14000	29.7	40.3	40.8	41.2	41.9	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 12000	29.9	40.5	41.0	41.4	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 10000	29.7	42.5	42.9	43.4	44.2	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 9000	29.8	42.9	43.3	43.9	44.7	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 8000	30.5	45.1	45.7	46.2	47.1	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 7000	30.9	46.2	47.0	47.6	48.7	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 6000	31.2	47.1	47.8	48.5	49.6	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 5000	31.5	49.3	49.2	49.9	51.0	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 4500	32.0	50.0	51.6	52.6	53.7	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 4000	32.5	51.0	52.7	53.7	54.7	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 3500	34.4	54.1	56.1	57.2	58.4	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 3000	36.5	58.5	60.6	62.0	63.2	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 2500	39.9	64.6	67.0	68.9	70.2	71.1	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 2000	41.9	70.5	73.1	75.3	76.6	77.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1800	42.5	72.6	75.4	77.6	78.9	80.1	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1600	43.1	75.5	78.5	81.1	82.5	83.8	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 1200	43.5	77.2	80.9	83.5	85.1	86.6	88.5	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1000	43.6	77.5	81.4	84.3	85.9	87.6	89.6	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	43.6	77.5	81.5	84.6	86.1	88.0	90.0	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 800	43.6	77.6	81.7	84.8	87.2	89.6	92.0	92.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	43.6	77.6	81.9	85.4	87.7	90.4	93.2	94.1	94.2	94.5	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	43.6	77.7	82.0	85.5	87.9	90.8	93.4	94.9	95.4	96.2	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	43.6	78.1	82.3	85.7	88.1	91.0	93.9	96.1	96.6	97.4	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	43.6	78.1	82.3	85.7	88.1	91.1	94.5	96.8	97.2	98.3	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	43.6	78.1	82.3	85.7	88.1	91.1	94.5	96.8	97.2	98.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	43.6	78.1	82.3	85.7	88.1	91.1	94.5	96.8	97.2	98.4	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	43.6	78.1	82.3	85.7	88.1	91.1	94.5	96.8	97.2	98.4	99.7	99.7	99.9	99.9	99.9	100.0
GE 0	43.6	78.1	82.3	85.7	88.1	91.1	94.5	96.8	97.2	98.4	99.7	99.7	99.9	99.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAR 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 7/8	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.8	38.1	38.2	38.9	39.9	40.0	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 20000	30.6	43.1	43.3	44.1	45.1	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 18000	30.6	43.1	43.3	44.1	45.1	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 16000	30.6	43.1	43.3	44.1	45.1	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 14000	30.6	43.1	43.3	44.1	45.1	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 12000	30.6	43.1	43.3	44.1	45.1	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 10000	32.4	45.2	45.4	46.1	47.1	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 9000	32.5	45.3	45.5	46.2	47.2	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 8000	33.0	46.6	46.8	47.5	48.5	48.6	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 7000	33.7	47.7	48.1	48.8	49.8	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 6000	34.3	49.1	49.6	50.4	51.4	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 5000	35.1	51.7	52.2	53.0	54.2	54.3	54.7	54.7	54.7	54.8	54.8	54.8	54.9	54.8	54.8	54.8
GE 4500	35.1	54.2	54.9	55.6	57.1	57.3	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 4000	35.8	55.9	56.3	57.3	58.6	58.8	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 3500	38.5	59.0	60.1	61.1	62.4	62.7	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 3000	41.8	62.6	64.0	64.9	66.3	67.1	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 2500	42.9	66.9	68.5	69.6	71.1	71.9	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2000	44.7	71.1	72.9	74.2	75.9	77.0	78.3	78.7	78.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2
GE 1800	44.9	72.7	74.9	76.3	78.1	79.1	80.4	80.9	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	45.5	74.4	77.2	78.9	80.9	81.9	83.2	83.9	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	46.0	76.1	79.4	81.5	83.7	84.9	86.8	87.6	87.6	88.1	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	46.1	76.8	80.0	82.5	84.7	86.1	88.0	89.0	89.0	89.6	90.0	90.0	90.0	90.0	90.0	90.0
GE 900	46.1	77.0	80.2	83.0	85.4	86.5	88.9	90.2	90.2	90.8	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	46.1	77.1	80.4	83.2	86.1	86.1	90.5	91.6	91.8	92.5	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	46.1	77.2	80.5	83.7	86.6	88.6	91.5	93.2	93.2	94.0	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	46.1	77.2	80.5	83.8	86.7	88.9	91.8	93.7	94.2	94.8	95.3	95.4	95.4	95.4	95.4	95.4
GE 500	46.1	77.2	80.5	83.9	86.8	89.0	92.2	94.7	95.1	96.1	96.6	96.6	96.7	96.7	96.7	96.7
GE 400	46.1	77.2	80.6	84.0	86.9	89.4	92.6	95.4	95.7	97.0	97.4	97.4	97.6	97.6	97.6	97.6
GE 300	46.1	77.2	80.6	84.0	87.0	89.5	92.7	95.8	96.1	97.7	98.6	98.6	98.8	98.8	98.8	98.8
GE 200	46.1	77.2	80.6	84.0	87.0	89.5	92.7	95.8	96.1	97.8	98.9	98.9	99.7	99.7	99.7	99.7
GE 100	46.1	77.2	80.6	84.0	87.0	89.5	92.7	95.8	96.1	97.8	98.9	98.9	99.7	99.8	99.8	99.9
GE 0	46.1	77.2	80.6	84.0	87.0	89.5	92.7	95.8	96.1	97.8	98.9	98.9	99.7	99.8	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: 725353 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 7M-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	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 3/16	GE 1/4	GE 0
NO CEIL	34.9	44.3	44.6	44.9	46.3	46.6	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 25000	35.9	46.6	46.9	47.2	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 18000	35.9	46.6	46.9	47.2	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 16000	35.9	46.6	46.9	47.2	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 14000	35.9	46.6	46.9	47.2	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 12000	36.1	46.8	47.1	47.4	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 10000	36.9	47.6	48.0	48.3	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 9000	37.4	48.4	48.7	49.0	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 8000	39.5	49.9	50.2	50.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 7000	39.9	50.9	51.3	51.6	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 6000	39.9	50.9	51.3	51.6	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 5000	40.1	51.4	55.1	55.4	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 4500	40.6	52.0	56.8	57.1	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 4000	40.8	57.1	57.6	58.4	59.8	59.9	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 3500	40.9	60.2	61.2	61.5	62.9	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 3000	44.3	62.8	63.6	64.4	65.8	66.0	66.2	66.3	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6
GE 2500	47.0	66.2	69.5	70.4	71.8	72.2	72.4	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 2000	49.5	71.2	73.7	74.7	76.8	77.0	77.3	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1800	49.1	72.3	74.8	76.2	78.4	78.6	78.9	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1600	49.5	73.7	76.6	78.6	80.9	81.1	81.4	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1400	50.6	77.6	81.2	83.9	86.7	86.8	87.0	87.2	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1200	50.9	78.7	82.5	85.6	88.3	88.6	89.2	89.4	89.4	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	50.9	78.7	82.7	86.0	88.8	89.1	89.8	90.0	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	50.9	79.2	83.4	87.4	90.5	91.0	91.7	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	50.9	79.2	83.4	88.1	91.4	91.8	92.7	93.5	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	50.9	79.2	83.4	88.4	92.0	92.7	93.9	94.9	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	50.9	79.4	83.9	88.8	92.7	93.3	94.5	95.7	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	50.9	79.4	83.9	88.9	92.8	93.4	94.6	96.1	96.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	50.9	79.4	83.9	88.9	92.8	93.4	94.6	97.1	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	50.9	79.4	83.9	88.9	92.8	93.4	94.6	97.2	97.4	98.4	98.9	99.2	99.3	99.3	99.3	99.3
GE 200	50.9	79.4	83.9	88.9	92.8	93.4	94.6	97.2	97.4	98.5	99.4	99.4	99.7	99.8	99.9	99.9
GE 0	50.9	79.4	83.9	88.9	92.8	93.4	94.6	97.2	97.4	98.5	99.4	99.4	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 74-87
MONTH: MAR 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 3/4	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 3/4	GE 5/8	GE 1/2	GE 1/4	GE 0
NO CEIL	27.7	27.7	28.7	29.5	30.4	30.9	31.	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	
GE 20000	29.5	41.6	43.1	44.0	45.1	45.5	45.7	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	
GE 18000	29.9	41.9	43.1	44.0	45.1	45.5	45.7	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	
GE 16000	29.9	41.9	43.1	44.1	45.1	45.5	45.7	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	
GE 14000	30.0	41.9	43.1	44.1	45.1	45.5	45.8	45.8	45.8	45.8	46.0	46.0	46.0	46.0	46.0	46.0	
GE 12000	30.2	42.3	43.5	44.5	45.5	45.9	46.1	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	
GE 10000	31.0	43.8	45.2	46.3	47.4	47.8	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	
GE 9000	31.7	44.3	45.7	46.8	47.9	48.4	48.7	48.7	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.8	
GE 8000	32.7	46.0	47.4	48.6	49.7	50.2	50.5	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	
GE 7000	33.8	47.2	48.6	50.0	51.2	51.7	52.0	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	
GE 6000	33.1	47.7	49.3	50.8	52.1	52.8	53.2	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	
GE 5000	34.1	50.1	51.8	53.1	54.5	55.1	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	
GE 4500	34.7	51.0	52.7	54.2	55.6	56.4	57.0	57.2	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	
GE 4000	34.9	52.7	54.8	56.3	57.8	58.5	58.9	58.9	58.9	59.	59.1	59.1	59.1	59.1	59.1	59.1	
GE 3500	35.1	55.1	57.2	58.8	60.4	61.2	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	
GE 3000	37.8	58.1	60.6	62.3	64.1	64.9	65.3	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	
GE 2500	39.7	62.3	65.1	67.2	69.2	69.9	70.5	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	
GE 2000	41.4	66.1	69.3	71.7	73.7	74.5	75.1	75.4	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	
GE 1800	41.5	67.6	71.1	73.5	75.6	76.6	77.4	77.7	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	
GE 1600	42.4	70.1	73.8	76.5	78.7	79.7	80.7	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	
GE 1400	43.0	73.1	77.1	80.0	82.8	84.0	85.0	85.4	85.6	85.7	86.0	86.1	86.1	86.1	86.1	86.1	
GE 1200	44.1	74.1	78.5	82.1	84.6	86.0	87.2	87.7	87.9	88.1	88.4	88.4	88.4	88.4	88.4	88.4	
GE 1000	44.1	74.4	79.1	82.8	85.4	86.9	88.3	89.1	89.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	
GE 900	44.2	74.6	79.4	83.2	86.0	87.5	89.0	90.0	90.3	90.5	91.0	91.0	91.0	91.0	91.0	91.0	
GE 800	44.2	74.9	79.8	83.6	86.5	88.1	89.7	90.9	91.2	91.4	92.0	92.2	92.2	92.2	92.2	92.2	
GE 700	44.2	75.1	80.1	84.3	87.4	89.1	90.8	91.8	92.1	92.3	92.8	93.0	93.0	93.0	93.0	93.0	
GE 600	44.2	75.2	80.2	84.5	87.6	89.3	91.0	92.0	92.3	92.5	93.0	93.2	93.2	93.2	93.2	93.2	
GE 500	44.2	75.4	80.4	84.6	87.8	89.5	91.2	92.2	92.5	92.7	93.2	93.4	93.4	93.4	93.4	93.4	
GE 400	44.2	75.6	80.6	84.8	88.0	89.7	91.4	92.4	92.7	92.9	93.4	93.6	93.6	93.6	93.6	93.6	
GE 300	44.2	75.6	80.6	84.8	88.0	89.7	91.4	92.4	92.7	92.9	93.4	93.6	93.6	93.6	93.6	93.6	
GE 200	44.2	75.6	80.6	84.8	88.0	89.7	91.4	92.4	92.7	92.9	93.4	93.6	93.6	93.6	93.6	93.6	
GE 100	44.2	75.6	80.6	84.8	88.0	89.7	91.4	92.4	92.7	92.9	93.4	93.6	93.6	93.6	93.6	93.6	
GE 0	44.2	75.6	80.6	84.8	88.0	89.7	91.4	92.4	92.7	92.9	93.4	93.6	93.6	93.6	93.6	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 7446

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 76-87
MONTH: APR HOURS(LST): 07 - 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 7/8	GE 3/4	GE 1/2	GE 3/8	GE 1/4	LT 1/4
NO CEIL	41.8	50.3	52.9	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	48.1
GE 25000	43.6	52.5	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	56.4
GE 15000	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 10000	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 7000	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 5000	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 4000	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 3000	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 2500	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 2000	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 1500	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 1000	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 700	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 500	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 400	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 300	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 200	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 150	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 100	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0
GE 0	43.0	52.6	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	57.0

TOTAL NUMBER OF OBSERVATIONS: 2,[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72533 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: APR 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
GE 30000	95.3	96.7	97.2	97.3	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.7	98.7	98.7	98.7
GE 25000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.6	99.6	99.7	99.7
GE 20000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 18000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 16000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 14000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 12000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 10000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 9000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 8000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 7000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 6000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 5000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 4500	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 4000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 3500	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 3000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 2500	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 2000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 1800	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 1600	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 1400	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 1200	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 1000	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 900	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 800	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 700	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 600	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 500	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 450	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 400	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 350	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 300	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 250	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 200	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 150	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 100	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 0	97.8	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72533 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: APR 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 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.7	37.4	38.7	41.6	41.1	42.1	42.9	43.7	43.7	43.8	43.8	43.8	43.9	44.0	44.1	
GE 20000	29.2	40.3	42.2	44.6	45.2	46.3	47.1	47.6	47.6	48.1	48.1	48.1	48.2	48.2	48.3	48.4
GE 18000	29.2	40.3	42.2	44.6	45.2	46.3	47.1	47.6	47.6	48.1	48.1	48.1	48.2	48.2	48.3	48.4
GE 16000	29.2	40.3	42.2	44.6	45.2	46.3	47.1	47.6	47.6	48.1	48.1	48.1	48.2	48.2	48.3	48.4
GE 14000	29.4	40.6	42.5	45.1	45.4	46.6	47.3	47.8	47.8	48.3	48.3	48.3	48.4	48.4	48.5	48.7
GE 12000	29.9	41.2	42.9	45.6	46.1	47.2	48.0	48.5	48.4	49.0	49.0	49.0	49.1	49.1	49.2	49.3
GE 10000	31.7	44.0	45.7	48.6	49.0	50.2	50.9	51.3	51.1	51.7	51.9	51.9	52.0	52.0	52.1	52.2
GE 9000	31.7	45.1	46.8	49.7	50.2	51.1	51.9	52.4	52.4	53.0	53.0	53.1	53.1	53.2	53.3	53.4
GE 8000	33.2	47.2	48.9	51.9	52.4	53.6	54.3	54.9	55.0	55.6	55.6	55.6	55.7	55.7	55.8	55.9
GE 7000	33.4	47.9	49.6	52.6	53.4	54.6	55.3	56.0	56.0	56.6	56.6	56.6	56.7	56.7	56.8	56.9
GE 6000	33.9	48.6	50.4	53.6	54.3	55.6	56.3	56.7	56.7	57.2	57.2	57.2	57.3	57.3	57.4	57.6
GE 5000	36.6	53.4	55.6	58.8	59.1	61.4	62.2	62.7	62.7	63.2	63.2	63.2	63.3	63.3	63.4	63.6
GE 4000	37.7	55.2	57.2	60.7	61.4	63.4	64.2	64.7	64.7	65.2	65.2	65.2	65.3	65.3	65.4	65.6
GE 3000	37.8	55.1	57.4	60.9	61.6	63.6	64.7	65.2	65.2	66.0	66.0	66.0	66.1	66.1	66.2	66.4
GE 2500	38.4	57.4	59.8	63.3	64.0	66.4	67.5	68.2	68.2	69.1	69.1	69.1	69.2	69.2	69.3	69.4
GE 2000	39.9	59.6	61.9	65.6	66.3	68.9	69.7	70.7	70.7	71.7	71.7	71.7	71.8	71.8	71.9	72.2
GE 1500	41.7	63.0	65.7	69.5	70.2	72.9	73.8	74.9	74.9	75.9	75.9	75.9	76.0	76.1	76.2	76.5
GE 1400	43.0	66.1	69.2	73.1	73.9	77.2	78.0	79.1	79.1	80.1	80.1	80.1	80.2	80.2	80.3	80.6
GE 1300	43.3	67.0	70.2	74.2	75.0	78.4	79.3	80.4	80.4	81.6	81.6	81.6	81.7	81.7	81.8	81.9
GE 1200	44.2	68.8	72.2	76.2	77.0	80.6	81.7	82.9	82.9	84.3	84.3	84.3	84.5	84.5	84.6	84.7
GE 1100	45.1	71.3	74.8	78.9	79.8	83.5	84.6	85.8	85.8	87.3	87.3	87.3	87.4	87.4	87.5	87.7
GE 1000	45.7	72.9	76.6	81.1	82.0	86.0	87.2	88.5	88.5	90.3	90.4	90.4	90.6	90.6	90.7	90.9
GE 900	45.8	73.2	77.2	81.9	82.9	87.0	88.4	89.8	89.8	91.7	91.8	91.8	91.9	91.9	92.0	92.1
GE 800	46.7	73.6	77.1	82.9	83.9	88.1	89.7	91.3	91.3	93.2	93.4	93.4	93.5	93.5	93.6	93.8
GE 700	46.2	73.9	78.6	83.7	84.8	89.2	91.0	92.6	92.6	94.6	94.8	94.8	94.9	94.9	95.0	95.2
GE 600	46.2	74.1	79.3	84.7	86.0	90.7	92.7	94.3	94.3	96.4	96.7	96.7	96.8	96.8	96.9	97.1
GE 500	46.2	74.1	79.7	84.9	86.2	91.1	93.0	94.7	94.7	96.8	96.8	96.8	96.9	96.9	97.0	97.1
GE 400	46.2	74.1	79.4	85.0	86.3	91.4	93.3	95.0	95.0	97.2	97.4	97.4	97.5	97.5	97.6	97.8
GE 300	46.2	74.1	79.4	85.0	86.3	91.4	93.3	95.0	95.0	97.2	97.4	97.5	97.6	97.6	97.7	97.9
GE 200	46.2	74.1	79.4	85.0	86.3	91.4	93.3	95.0	95.0	97.2	97.4	97.5	97.6	97.6	97.7	97.9
GE 100	46.2	74.1	79.4	85.0	86.3	91.4	93.3	95.0	95.0	97.2	97.4	97.5	97.6	97.6	97.7	97.9
GE 0	46.2	74.1	79.4	85.0	86.3	91.4	93.3	95.0	95.0	97.2	97.4	97.5	97.6	97.6	97.7	97.9

TOTAL NUMBER OF OBSERVATIONS: 3[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725730 STATION NAME. FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
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 7/8	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	31.0	42.1	43.5	44.4	44.7	44.9	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 25000	33.1	46.3	48.3	49.1	49.3	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 12500	33.1	46.3	48.3	49.1	49.3	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 10000	33.1	46.3	48.3	49.1	49.3	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 7000	33.6	46.9	48.9	49.7	49.9	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 5000	34.1	47.7	49.7	50.4	50.7	50.9	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 3000	35.2	49.4	51.4	52.2	52.5	53.2	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 2000	35.2	50.6	52.6	53.3	53.7	53.9	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 1500	35.2	50.2	52.2	53.0	53.3	55.6	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 1000	35.9	51.4	55.6	56.3	56.8	57.6	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 600	37.8	54.6	56.7	57.4	58.0	58.3	59.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 500	39.0	57.6	60.1	60.9	61.7	62.1	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 400	39.4	58.3	61.2	62.0	62.8	63.3	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 300	39.7	58.6	62.1	62.9	63.7	64.2	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 200	40.0	59.3	63.2	64.0	64.9	65.6	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 150	40.8	62.4	65.4	66.6	67.9	69.0	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 100	42.0	65.7	68.9	70.4	71.8	73.3	74.7	74.1	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 200	45.2	69.1	72.6	74.3	75.7	77.2	77.9	78.1	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 400	46.1	70.9	74.3	76.2	77.6	79.1	79.9	80.1	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 600	47.9	73.9	77.4	79.4	81.4	83.0	83.9	84.1	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1000	48.7	77.0	81.0	83.0	85.0	87.7	88.6	88.8	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1500	48.7	78.0	82.4	85.3	87.6	89.4	90.7	90.7	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	48.7	78.3	83.1	86.1	88.3	90.4	91.3	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	48.7	78.7	83.6	86.6	89.1	91.7	92.6	92.9	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3000	48.7	79.6	84.4	87.7	90.7	93.0	94.1	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3500	48.7	79.6	84.7	88.1	91.2	93.7	95.1	95.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4000	48.7	79.6	85.1	88.7	91.7	94.7	96.6	97.2	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 4500	48.7	79.6	85.1	88.7	91.8	94.9	97.0	97.9	98.2	98.4	98.6	98.6	98.6	98.6	98.7	98.7
GE 5000	48.7	79.7	85.2	88.8	91.8	95.0	97.1	98.1	98.5	98.9	99.2	99.2	99.2	99.3	99.4	99.4
GE 6000	48.7	79.7	85.2	88.8	91.8	95.0	97.1	98.1	98.5	99.2	99.6	99.6	99.7	99.8	99.9	100.0
GE 7000	48.7	79.7	85.2	88.8	91.8	95.0	97.1	98.1	98.5	99.2	99.6	99.6	99.7	99.8	99.9	100.0
GE 8000	48.7	79.7	85.2	88.8	91.8	95.0	97.1	98.1	98.5	99.2	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.6	38.4	39.1	39.2	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 20000	37.7	45.4	46.1	46.2	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 18000	33.7	45.4	46.1	46.2	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 16000	33.7	45.4	46.1	46.2	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 14000	33.7	45.4	46.1	46.2	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 12000	34.0	46.0	46.7	46.8	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 10000	35.1	48.1	48.8	49.0	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 9000	35.6	49.2	49.9	50.1	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 8000	36.6	51.0	51.7	51.9	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 7000	38.4	52.8	53.4	53.7	54.1	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 6000	38.1	53.4	54.1	54.3	54.9	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 5000	40.3	56.1	56.9	57.2	57.9	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 4500	40.6	56.8	58.0	58.3	59.0	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 4000	41.1	57.8	59.1	59.4	60.1	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 3500	43.4	60.4	61.9	62.2	62.9	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 3000	46.0	63.7	65.1	65.4	66.3	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 2500	49.2	71.7	73.4	73.9	74.8	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2000	51.0	76.4	78.8	79.3	80.3	81.0	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	52.4	79.0	81.6	82.2	83.2	84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1600	53.7	82.0	84.9	85.6	86.6	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1400	54.6	84.9	88.2	89.0	90.1	91.3	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	54.8	86.2	89.7	90.4	91.7	93.1	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	54.8	86.1	89.8	90.7	92.0	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	54.8	86.7	90.3	91.2	92.8	94.9	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	54.8	86.7	90.3	91.4	93.0	95.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	54.8	86.9	90.6	91.9	93.6	96.7	97.6	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	54.8	87.1	91.0	92.1	93.9	97.0	98.4	98.9	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	54.8	87.1	91.0	92.1	93.9	97.2	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	54.8	87.1	91.0	92.1	93.9	97.2	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	54.8	87.1	91.0	92.1	93.9	97.2	98.7	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	54.8	87.1	91.0	92.1	93.9	97.2	98.7	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	54.8	87.1	91.0	92.1	93.9	97.2	98.7	99.2	99.4	99.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
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 9/16	GE 1/4	GE 0
NO CEIL	29.7	35.8	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 20000	34.7	43.6	44.9	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 18000	34.7	43.6	44.9	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 16000	34.7	43.6	44.9	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 14000	34.9	43.8	45.1	45.1	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 12000	35.3	44.4	45.8	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 10000	36.3	46.7	48.1	48.1	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 9000	36.9	47.8	49.2	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 8000	38.7	50.3	51.8	51.8	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 7000	39.3	51.1	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 6000	40.0	52.6	54.1	54.1	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 5000	41.4	55.3	56.9	56.9	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 4500	42.7	56.9	58.4	58.6	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 4000	44.2	58.8	60.4	60.6	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 3500	46.8	62.9	64.5	65.0	65.8	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 3000	49.2	67.3	69.8	70.2	71.3	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 2500	53.7	74.7	77.3	77.9	79.3	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2200	55.1	78.0	81.1	81.7	83.4	83.8	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	55.9	79.4	82.9	83.6	85.4	85.8	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1500	56.9	81.8	85.3	86.8	88.8	89.2	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1200	58.1	84.3	88.1	89.7	92.0	92.4	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1000	58.2	84.9	88.9	90.6	93.0	93.6	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	58.2	85.0	89.0	90.7	93.2	94.2	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	58.2	85.0	89.0	90.7	93.3	94.4	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	58.2	85.2	89.3	91.1	93.8	94.9	96.0	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8
GE 600	58.2	85.3	89.4	91.2	94.0	95.3	97.1	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
GE 500	58.2	85.6	89.7	91.6	94.3	95.9	97.8	99.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1
GE 400	58.2	85.6	89.7	91.6	94.3	95.9	97.9	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4
GE 300	58.2	85.6	89.7	91.6	94.3	95.9	97.9	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7
GE 200	58.2	85.6	89.7	91.6	94.3	95.9	97.9	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
GE 100	58.2	85.6	89.7	91.6	94.3	95.9	97.9	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	100.0
GE 0	58.2	85.6	89.7	91.6	94.3	95.9	97.9	99.2	99.4	99.6	99.7	99.8	99.9	99.9	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: 725330 STATION NAME: FORT WAYNE MENI IN

PERIOD OF RECORD: 78-67
MONTH: APR 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	38.0	40.8	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 20000	48.0	49.2	50.7	50.7	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 18000	48.0	49.2	50.7	50.7	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 16000	48.0	49.2	50.7	50.7	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 14000	48.1	49.3	50.8	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 12000	48.7	50.1	51.6	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 10000	41.7	51.9	53.3	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 9000	41.8	52.4	53.9	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
GE 8000	43.9	55.6	57.0	57.0	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 7000	44.8	57.2	58.8	58.8	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 6000	45.2	58.0	59.6	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 5000	47.4	60.8	62.3	62.3	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 4500	49.1	63.1	64.9	65.0	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 4000	50.2	65.1	67.0	67.1	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 3500	52.0	68.6	70.6	70.8	71.2	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3000	54.8	72.7	74.9	75.1	75.8	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2500	57.9	77.8	80.2	81.1	82.0	82.6	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	59.7	80.7	83.1	84.1	85.1	86.1	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	59.3	81.8	84.2	85.3	86.3	87.3	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1600	59.8	82.7	85.6	86.8	87.9	89.0	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1400	60.8	85.4	88.4	89.9	91.3	92.4	92.8	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	60.9	86.0	89.0	90.4	91.9	93.0	93.4	93.7	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	60.9	86.1	89.2	90.9	92.4	93.6	94.0	94.6	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	60.9	86.1	89.2	90.9	92.6	94.0	94.7	95.2	95.2	95.7	95.8	95.8	95.9	95.8	95.8	95.8
GE 800	60.9	86.7	89.8	91.4	93.2	94.7	95.7	96.2	96.2	96.7	96.9	96.8	96.9	96.8	96.8	96.8
GE 700	60.9	86.8	89.9	91.7	93.6	95.0	96.0	96.6	96.7	97.2	97.4	97.6	97.7	97.7	97.7	97.7
GE 600	60.9	86.9	90.0	91.9	93.9	95.3	96.3	96.9	97.1	97.7	97.9	98.0	98.1	98.1	98.1	98.1
GE 500	60.9	87.0	90.1	92.0	94.2	95.8	97.0	97.7	97.9	98.4	98.7	98.8	98.9	98.9	98.9	98.9
GE 400	60.9	87.0	90.1	92.0	94.2	96.0	97.1	97.8	98.0	98.8	99.1	99.2	99.3	99.3	99.3	99.3
GE 300	60.9	87.0	90.1	92.0	94.2	96.0	97.2	97.9	98.1	99.0	99.4	99.6	99.8	99.8	99.8	99.8
GE 200	60.9	87.0	90.1	92.0	94.2	96.0	97.2	97.9	98.1	99.0	99.6	99.7	99.9	99.9	99.9	99.9
GE 0	60.9	87.0	90.1	92.0	94.2	96.0	97.2	97.9	98.1	99.0	99.6	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: APR 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 7/16	GE 1/4	GE 0
NO CEIL	41.7	48.0	48.3	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	45.2	53.1	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	45.2	53.1	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	45.2	53.1	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	45.3	53.2	53.8	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 12000	46.0	53.9	54.4	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 10000	46.9	55.3	55.9	56.7	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 9000	47.1	56.1	56.7	57.4	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 8000	48.6	58.1	58.7	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 7000	49.7	60.1	60.8	61.6	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 6000	50.0	60.7	61.4	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 5000	52.0	64.2	65.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 4500	53.8	66.7	67.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4000	55.2	68.9	70.0	71.4	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 3500	57.2	72.1	73.2	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	59.9	76.4	77.9	79.4	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	61.3	80.0	81.4	83.4	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2000	62.4	81.8	83.6	85.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	63.1	82.8	84.9	87.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	64.2	84.2	86.4	88.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200	64.8	86.0	88.7	91.7	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	65.1	86.8	89.4	92.4	93.7	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	65.2	87.1	89.8	92.8	94.0	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	65.2	87.1	89.8	92.8	94.0	94.0	94.1	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6
GE 700	65.2	87.6	90.3	93.7	95.0	95.1	95.2	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	65.2	87.7	90.4	93.9	95.2	95.4	95.6	95.8	95.8	95.9	96.1	96.1	96.2	96.2	96.2	96.2
GE 500	65.2	87.7	90.7	94.2	95.6	95.9	96.4	96.7	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2
GE 400	65.2	87.7	90.7	94.3	95.8	96.2	97.0	97.4	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.1
GE 300	65.2	87.7	90.7	94.3	95.9	96.4	97.2	97.7	97.7	98.3	98.7	98.7	99.8	98.8	98.8	98.8
GE 200	65.2	87.7	90.7	94.3	95.9	96.6	97.3	97.8	97.8	98.7	99.2	99.2	99.6	99.6	99.6	99.6
GE 100	65.2	87.7	90.7	94.3	95.9	96.6	97.3	97.8	97.8	98.7	99.2	99.2	99.6	99.6	99.6	99.6
GE 0	65.2	87.7	90.7	94.3	95.9	96.6	97.3	97.8	97.8	98.7	99.2	99.3	99.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: APR 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	34.2	42.3	43.3	43.9	44.1	44.3	44.5	44.5	44.5	44.6	44.6	44.6	44.7	44.7	44.7	44.7
GE 20000	37.1	47.4	48.7	49.4	49.7	50.0	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.4	50.4
GE 18000	37.1	47.4	48.7	49.4	49.7	50.0	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.4	50.4
GE 16000	37.1	47.4	48.7	49.4	49.7	50.0	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.4	50.4
GE 14000	37.2	47.6	48.8	49.6	49.9	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5
GE 12000	37.7	48.2	49.5	50.3	50.6	50.6	50.9	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.2	51.2
GE 10000	38.9	50.3	51.6	52.4	52.7	53.0	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.4	53.4
GE 9000	39.3	51.3	52.6	53.3	53.6	53.9	54.1	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3
GE 8000	40.8	53.6	54.9	55.7	56.0	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8
GE 7000	41.9	55.1	56.5	57.3	57.8	58.0	58.2	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.5
GE 6000	42.4	56.0	57.4	58.3	58.7	59.0	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5
GE 5000	44.2	59.3	61.0	61.9	62.5	62.8	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4
GE 4500	45.3	61.2	63.1	64.2	64.9	65.2	65.4	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4000	46.2	62.5	64.5	65.6	66.2	66.6	66.8	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 3500	47.8	65.3	67.3	68.4	69.2	69.7	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.4	70.4
GE 3000	49.6	68.5	70.7	71.9	72.8	73.4	73.7	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.2	74.2
GE 2500	52.2	73.1	75.5	77.1	78.1	78.9	79.2	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.8	79.8
GE 2000	52.7	76.4	79.1	80.8	82.0	82.8	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.8	83.8
GE 1800	54.3	77.7	80.5	82.3	83.5	84.4	84.8	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 1500	55.3	79.5	82.5	84.6	85.9	86.8	87.3	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9
GE 1200	56.1	81.9	85.1	87.4	88.8	89.9	90.4	90.7	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1
GE 1000	56.3	82.8	86.3	88.6	90.2	91.3	91.9	92.3	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 900	56.3	83.0	86.6	89.1	90.7	92.0	92.6	93.0	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4
GE 800	56.4	83.2	87.0	89.6	91.3	92.8	93.4	93.8	93.8	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 700	56.4	83.6	87.5	90.4	92.2	93.8	94.6	95.1	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.6
GE 600	56.4	83.7	87.8	90.8	92.6	94.5	95.5	96.0	96.1	96.4	96.5	96.6	96.6	96.6	96.7	96.7
GE 500	56.4	83.9	88.0	91.1	93.1	95.1	96.4	97.0	97.1	97.5	97.6	97.7	97.7	97.7	97.8	97.8
GE 400	56.4	83.9	88.1	91.3	93.3	95.4	96.9	97.6	97.7	98.1	98.4	98.4	98.5	98.5	98.6	98.6
GE 300	56.4	83.9	88.1	91.3	93.4	95.5	97.0	97.8	97.9	98.5	98.8	98.9	98.9	99.0	99.0	99.0
GE 200	56.4	83.9	88.1	91.3	93.4	95.5	97.1	97.9	98.0	98.7	99.1	99.1	99.3	99.3	99.5	99.5
GE 100	56.4	83.9	88.1	91.3	93.4	95.5	97.1	97.9	98.0	98.7	99.2	99.2	99.4	99.5	99.6	99.7
GE 0	56.4	83.9	88.1	91.3	93.4	95.5	97.1	97.9	98.0	98.7	99.2	99.2	99.5	99.5	99.7	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAY 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	39.5	49.8	51.4	53.3	54.2	54.3	54.3	54.4	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	40.5	52.6	54.6	56.8	57.6	57.7	57.7	57.8	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	40.5	52.6	54.6	56.8	57.6	57.7	57.7	57.8	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	40.5	52.6	54.6	56.8	57.6	57.7	57.7	57.8	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	40.6	52.8	54.8	57.0	57.8	58.0	58.0	58.1	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	40.6	52.9	54.9	57.1	58.0	58.1	58.1	58.2	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5
GE 10000	42.6	55.5	57.6	59.8	60.6	60.8	60.8	60.9	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000	42.7	56.0	58.2	60.3	61.2	61.3	61.3	61.4	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	43.3	58.7	61.0	63.1	64.0	64.1	64.1	64.2	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5
GE 7000	45.6	61.9	64.3	66.6	67.4	67.5	67.5	67.6	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0
GE 6000	45.8	63.5	66.3	68.6	69.5	69.6	69.6	69.7	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0
GE 5000	46.6	66.1	69.2	71.5	72.5	72.6	72.6	72.7	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 4500	47.7	66.9	72.2	74.5	75.5	75.6	75.6	75.7	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0
GE 4000	48.1	70.3	73.9	76.3	77.3	77.5	77.5	77.6	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500	48.9	72.6	76.1	78.7	79.9	80.1	80.1	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000	49.4	73.8	77.4	80.1	81.3	81.5	81.6	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0
GE 2500	49.5	75.6	79.8	82.8	84.1	84.3	84.4	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	50.3	77.0	81.4	84.5	85.8	86.0	86.1	86.2	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 1800	50.5	77.4	81.9	85.1	86.5	86.7	86.8	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	50.5	77.6	82.6	85.9	87.3	87.5	87.6	87.7	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	50.9	79.1	84.6	87.8	89.4	89.6	89.7	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	51.1	79.6	85.2	89.0	90.6	91.0	91.1	91.2	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5
GE 900	51.1	80.0	85.6	89.6	91.2	91.5	91.6	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	51.1	80.1	85.9	90.1	91.9	92.3	92.4	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	51.1	80.9	86.7	91.1	93.1	93.5	93.7	93.8	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	51.1	81.1	86.9	91.4	93.5	94.2	94.3	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 500	51.1	81.3	87.4	92.2	94.3	95.3	95.5	95.6	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 450	51.1	81.3	87.4	92.7	95.3	96.2	96.6	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	51.1	81.3	87.4	92.8	95.4	96.7	97.5	98.2	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	51.1	81.3	87.4	92.8	95.4	96.7	97.5	98.3	98.6	98.8	99.1	99.1	99.1	99.1	99.5	99.5
GE 100	51.1	81.3	87.4	92.8	95.4	96.7	97.5	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.7	99.8
GE 0	51.1	81.3	87.4	92.8	95.4	96.7	97.5	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.7	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAY 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	32.7	45.1	46.7	49.0	50.4	50.5	50.5	50.6	50.6	50.8	50.8	50.8	51.2	51.2	51.2	51.2
GE 20000	34.0	48.9	51.3	53.9	55.4	55.5	55.7	55.8	55.8	55.9	55.9	55.9	56.3	56.3	56.3	56.3
GE 18000	34.0	48.9	51.3	53.9	55.4	55.5	55.7	55.8	55.8	55.9	55.9	55.9	56.3	56.3	56.3	56.3
GE 16000	34.0	48.9	51.3	53.9	55.4	55.5	55.7	55.8	55.8	55.9	55.9	55.9	56.3	56.3	56.3	56.3
GE 14000	34.0	48.9	51.3	53.9	55.4	55.5	55.7	55.8	55.8	55.9	55.9	55.9	56.3	56.3	56.3	56.3
GE 12000	34.0	49.2	51.6	54.2	55.7	55.8	56.0	56.1	56.1	56.2	56.2	56.2	56.7	56.7	56.7	56.7
GE 10000	35.7	52.2	54.5	57.5	59.0	59.2	59.6	59.7	59.7	59.8	59.8	59.8	60.2	60.2	60.2	60.2
GE 9000	36.2	52.9	55.3	58.3	59.8	60.0	60.3	60.4	60.4	60.5	60.5	60.5	61.0	61.0	61.0	61.0
GE 8000	36.9	54.5	57.0	60.0	61.5	61.7	62.0	62.2	62.2	62.3	62.3	62.3	62.7	62.7	62.7	62.7
GE 7000	37.7	56.3	58.8	61.8	63.3	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.6	64.6	64.6	64.6
GE 6000	38.5	58.5	61.0	64.0	65.5	65.8	66.1	66.2	66.2	66.3	66.3	66.3	66.8	66.8	66.8	66.8
GE 5000	40.2	62.5	65.3	68.3	69.9	70.2	70.5	70.6	70.6	70.8	70.8	70.8	71.2	71.2	71.2	71.2
GE 4500	40.5	64.5	67.3	70.6	72.3	72.6	72.9	73.0	73.0	73.1	73.1	73.1	73.5	73.5	73.5	73.5
GE 4000	40.6	65.1	68.0	71.3	72.9	73.2	73.5	73.7	73.7	73.8	73.8	73.8	74.2	74.2	74.2	74.2
GE 3500	40.1	66.1	69.1	72.8	74.5	74.9	75.3	75.4	75.4	75.5	75.5	75.5	75.9	75.9	75.9	75.9
GE 3000	41.1	67.4	70.4	74.1	75.8	76.2	76.6	76.9	76.9	77.0	77.0	77.0	77.4	77.4	77.4	77.4
GE 2500	41.5	69.8	73.3	77.1	78.8	79.4	80.0	80.3	80.3	80.4	80.4	80.4	80.9	80.9	80.9	80.9
GE 2000	41.7	71.4	75.4	79.5	81.2	81.7	82.4	82.8	82.8	82.9	82.9	82.9	83.3	83.3	83.3	83.3
GE 1800	42.0	72.0	76.0	80.1	81.8	82.4	83.0	83.4	83.4	83.5	83.5	83.5	84.0	84.0	84.0	84.0
GE 1600	42.6	73.0	77.1	81.2	83.0	83.5	84.3	84.7	84.7	84.8	84.8	84.8	85.3	85.3	85.3	85.3
GE 1200	42.8	74.5	79.1	83.9	85.7	86.2	87.1	87.5	87.5	87.6	87.6	87.6	88.1	88.1	88.1	88.1
GE 1000	43.1	75.5	80.4	85.5	87.4	88.0	88.8	89.2	89.2	89.4	89.4	89.4	89.8	89.8	89.8	89.8
GE 900	43.1	75.9	81.2	86.5	88.4	88.9	89.8	90.2	90.2	90.3	90.3	90.3	90.8	90.8	90.8	90.8
GE 800	43.1	75.9	81.4	86.9	88.9	89.5	90.3	90.8	90.8	90.9	90.9	90.9	91.3	91.3	91.3	91.3
GE 700	43.1	76.1	81.8	87.6	90.0	90.6	91.8	92.3	92.3	92.4	92.4	92.4	92.8	92.8	92.8	92.8
GE 600	43.1	76.2	82.0	88.0	90.6	91.4	92.5	92.9	92.9	93.0	93.0	93.0	93.4	93.4	93.4	93.4
GE 500	43.1	76.3	82.3	88.5	91.3	92.2	94.1	94.5	94.5	94.6	94.6	94.6	95.1	95.1	95.1	95.1
GE 400	43.1	76.3	82.3	89.0	92.4	93.7	95.5	95.9	95.9	96.0	96.0	96.0	96.5	96.5	96.5	96.5
GE 300	43.1	76.6	82.5	89.2	92.6	93.9	95.9	97.0	97.0	97.1	97.3	97.3	97.7	97.7	97.7	97.7
GE 200	43.1	76.6	82.5	89.2	92.6	93.9	95.9	97.1	97.1	97.3	97.5	97.5	98.0	98.0	98.2	98.2
GE 100	43.1	76.6	82.5	89.2	92.6	93.9	95.9	97.1	97.1	97.3	97.5	97.5	98.7	98.7	99.1	99.5
GE 0	43.1	76.6	82.5	89.2	92.6	93.9	95.9	97.1	97.1	97.3	97.5	97.5	98.7	98.7	99.1	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAY 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 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.6	39.4	41.6	44.6	46.3	47.7	49.5	49.5	49.9	50.3	50.5	50.5	50.6	50.6	50.6	50.9
GE 20000	22.6	41.4	44.3	46.5	50.1	51.7	53.4	53.9	53.9	54.5	54.7	54.7	54.8	54.8	54.8	55.1
GE 18000	22.6	41.4	44.3	46.5	50.1	51.7	53.4	53.9	53.9	54.5	54.7	54.7	54.8	54.8	54.8	55.1
GE 16000	22.6	41.4	44.3	46.5	50.1	51.7	53.4	53.9	53.9	54.5	54.7	54.7	54.8	54.8	54.8	55.1
GE 14000	22.6	41.5	44.4	46.6	50.2	51.8	53.5	54.0	54.0	54.6	54.8	54.8	54.9	54.9	54.9	55.2
GE 12000	22.9	41.8	44.6	46.9	50.6	52.3	54.0	54.4	54.4	55.1	55.3	55.3	55.4	55.4	55.4	55.6
GE 10000	24.2	44.2	47.4	51.7	53.9	55.5	57.2	57.6	57.6	58.3	58.5	58.5	58.6	58.6	58.6	58.8
GE 9000	24.7	44.9	48.2	52.5	54.6	56.2	58.1	58.5	58.5	59.1	59.4	59.4	59.5	59.5	59.5	59.7
GE 8000	26.0	47.7	51.0	55.5	57.6	59.2	61.1	61.5	61.5	62.3	62.5	62.5	62.6	62.6	62.6	62.8
GE 7000	27.4	50.4	53.9	58.5	60.6	62.4	64.3	64.7	64.9	65.7	65.9	65.9	66.0	66.0	66.0	66.2
GE 6000	27.6	50.9	54.6	59.2	61.4	63.2	65.3	65.7	65.9	66.7	66.9	66.9	67.0	67.0	67.0	67.2
GE 5000	29.6	54.5	59.4	63.0	65.5	67.4	69.6	70.0	70.2	71.0	71.2	71.2	71.3	71.3	71.3	71.5
GE 4500	33.0	55.9	60.0	64.6	67.3	69.2	71.4	71.8	72.0	72.8	73.0	73.0	73.1	73.1	73.1	73.3
GE 4000	34.1	56.2	60.3	64.9	67.6	69.6	71.9	72.4	72.6	73.3	73.5	73.5	73.7	73.7	73.7	73.9
GE 3500	30.8	57.4	61.5	66.1	69.4	71.6	73.8	74.2	74.4	75.2	75.4	75.4	75.5	75.5	75.5	75.7
GE 3000	31.3	58.7	62.8	67.4	70.8	73.2	75.5	76.1	76.3	77.2	77.4	77.4	77.5	77.5	77.5	77.7
GE 2500	31.8	60.2	64.9	69.9	73.2	76.0	78.3	79.2	79.5	80.4	80.6	80.6	80.8	80.8	80.8	81.0
GE 2000	32.5	61.7	66.6	71.7	75.1	78.1	80.3	81.4	81.6	82.7	82.9	82.9	83.0	83.0	83.0	83.2
GE 1800	32.7	62.5	67.3	72.5	75.8	78.9	81.2	82.3	82.5	83.7	83.9	83.9	84.0	84.0	84.0	84.2
GE 1500	33.9	64.1	69.0	74.2	77.7	81.3	84.0	85.3	85.5	86.7	86.9	86.9	87.0	87.0	87.0	87.2
GE 1200	34.4	65.7	70.8	76.3	79.9	83.4	86.2	87.6	87.8	89.0	89.2	89.2	89.4	89.4	89.4	89.6
GE 1000	34.8	66.2	71.3	77.0	80.5	84.4	87.3	88.7	88.9	90.1	90.3	90.3	90.4	90.4	90.4	90.6
GE 900	34.8	66.3	71.5	77.3	81.0	84.8	87.8	89.2	89.5	90.6	90.9	90.9	91.0	91.0	91.0	91.2
GE 800	34.8	66.6	71.8	77.6	81.6	85.7	89.0	90.4	90.6	91.6	92.0	92.0	92.2	92.2	92.2	92.4
GE 700	34.8	66.6	71.8	78.0	81.8	86.5	89.9	91.4	91.6	92.8	93.0	93.0	93.1	93.1	93.1	93.3
GE 600	34.8	66.7	71.9	78.1	82.0	86.7	90.6	92.0	92.2	93.4	93.7	93.7	93.8	93.8	93.8	94.0
GE 500	34.8	66.7	71.9	78.1	82.0	86.9	91.4	93.1	93.4	94.8	95.1	95.1	95.2	95.2	95.2	95.4
GE 400	34.8	66.7	71.9	78.1	82.2	87.0	92.3	94.3	94.6	96.3	96.5	96.6	96.7	96.7	96.7	96.9
GE 300	34.9	66.9	72.0	78.2	82.3	87.1	92.5	94.6	95.1	97.1	97.4	97.4	97.6	97.6	97.7	98.2
GE 200	34.9	66.8	72.0	78.2	82.3	87.1	92.5	94.6	95.1	97.5	97.8	98.0	98.5	98.5	98.6	99.1
GE 100	34.8	66.8	72.0	78.2	82.3	87.1	92.5	94.6	95.1	97.5	97.8	98.0	98.9	98.9	99.1	99.8
GE 0	34.8	66.8	72.0	78.2	82.3	87.1	92.5	94.6	95.1	97.5	97.8	98.0	98.9	98.9	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 HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAY 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 7/16	GE 1/4	GE 0
NO CEIL	31.4	45.9	48.2	49.4	50.6	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000	32.8	48.6	51.1	52.2	53.5	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	32.8	48.6	51.0	52.2	53.5	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 10000	32.8	48.6	51.0	52.2	53.5	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 9000	32.9	48.7	51.1	52.3	53.7	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 8000	33.7	49.8	52.3	53.6	54.9	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 7000	35.1	52.4	54.9	56.5	57.8	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 6000	35.2	52.6	55.3	56.9	58.3	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 5000	36.6	55.5	58.2	59.9	61.4	62.3	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 4000	37.6	57.6	60.3	62.0	63.7	64.7	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 3000	38.3	58.4	61.1	62.8	64.4	65.6	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 2500	38.8	60.0	62.8	64.5	66.2	67.4	67.6	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 2000	39.1	60.9	63.7	65.4	67.3	68.5	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 1800	39.4	61.3	64.1	65.8	68.0	69.2	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1500	39.8	61.8	64.7	66.5	69.0	70.6	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 1200	40.1	63.1	66.0	67.8	70.5	72.2	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 1000	41.3	66.5	69.9	72.5	75.2	76.8	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 900	42.2	69.2	73.0	75.7	78.6	80.2	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 800	42.9	70.8	74.6	77.4	80.3	82.2	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 700	43.5	72.9	76.9	79.8	82.8	84.6	86.2	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 600	43.7	74.7	79.2	82.3	85.4	87.4	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 500	43.9	75.1	79.8	83.0	86.1	88.7	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 400	43.9	75.2	80.2	83.4	86.7	89.4	91.5	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 300	43.9	75.6	80.9	84.5	87.7	91.1	93.3	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 250	43.9	75.6	81.0	84.6	87.8	91.4	93.9	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 200	43.9	76.0	81.5	85.2	88.4	92.3	95.2	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 150	43.9	76.0	81.5	85.2	88.4	92.6	96.0	97.3	97.3	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 100	43.9	76.0	81.6	85.4	88.8	93.3	97.2	98.5	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 50	43.9	76.0	81.6	85.4	88.8	93.3	97.2	98.5	98.6	99.5	99.6	99.7	99.7	99.7	99.7	99.7
GE 20	43.9	76.0	81.6	85.4	88.8	93.3	97.2	98.5	98.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0
GE 10	43.9	76.0	81.6	85.4	88.8	93.3	97.2	98.5	98.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0
GE 0	43.9	76.0	81.6	85.4	88.8	93.3	97.2	98.5	98.6	99.7	99.8	99.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAY 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	37.2	47.7	48.9	49.0	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 20000	39.6	52.8	54.1	54.2	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	39.6	52.8	54.1	54.2	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 16000	39.6	52.8	54.1	54.2	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 14000	39.6	52.8	54.1	54.2	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	40.5	54.0	55.3	55.4	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 10000	41.4	56.5	57.8	58.3	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 9000	41.8	57.2	58.6	59.0	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	42.0	59.2	60.6	61.2	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 7000	43.5	60.4	61.8	62.5	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000	44.0	62.9	64.3	62.9	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 5000	44.5	62.5	63.9	64.6	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 4500	45.2	64.2	65.6	66.2	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4000	46.0	66.5	68.1	68.8	69.8	70.1	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 3500	47.5	68.5	70.3	71.2	72.2	72.6	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3000	48.0	70.4	72.3	73.2	74.5	75.3	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2500	50.8	74.9	77.7	78.8	80.4	81.2	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2000	51.4	78.3	81.4	82.9	84.6	85.6	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1800	51.9	79.5	82.9	84.4	86.1	87.1	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	52.3	80.8	84.5	86.0	88.1	89.0	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	52.5	82.0	85.8	87.3	89.5	90.9	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	52.5	82.9	86.6	88.0	90.8	92.4	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	52.5	83.2	87.0	89.6	92.2	93.8	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	52.5	83.2	87.7	90.1	92.7	94.7	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	52.5	83.4	88.0	90.4	93.0	95.1	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7
GE 600	52.5	83.6	88.3	91.0	93.5	95.9	98.0	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8
GE 500	52.5	83.8	88.5	91.4	94.0	96.5	98.5	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5
GE 400	52.5	83.9	88.6	91.5	94.1	96.6	98.4	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 300	52.5	83.9	88.6	91.5	94.1	96.6	98.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	52.5	83.9	88.6	91.5	94.1	96.6	98.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	52.5	83.9	88.6	91.5	94.1	96.6	98.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	52.5	83.9	88.6	91.5	94.1	96.6	98.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725332 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAY 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	35.1	46.6	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	39.0	53.5	55.1	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	39.0	53.5	55.1	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	39.0	53.5	55.1	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	39.0	53.5	55.1	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 12000	39.4	54.0	55.5	55.5	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	40.1	56.2	58.1	58.1	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 9000	40.6	57.2	59.0	59.0	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 8000	42.3	60.1	62.0	62.4	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 7000	42.6	60.8	62.6	63.1	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 6000	42.7	61.1	63.1	63.4	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 5000	43.7	64.2	66.2	66.6	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 4500	45.4	67.1	69.2	69.7	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4000	46.6	70.0	72.2	72.8	73.4	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	49.0	74.6	76.9	77.1	77.7	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3000	50.9	76.7	79.2	80.0	81.0	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	53.0	81.1	84.1	84.9	86.5	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	53.4	82.9	86.7	87.6	89.2	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1800	53.4	83.5	87.4	88.4	90.0	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1600	53.5	84.3	88.3	89.2	90.9	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1400	53.7	85.4	89.6	90.5	92.5	93.5	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	53.7	85.6	90.2	91.2	93.3	94.6	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	53.7	86.0	90.5	91.6	93.9	95.2	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	53.7	86.3	90.9	92.2	94.5	96.2	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	53.8	86.8	91.3	92.7	95.1	96.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	53.8	86.8	91.4	93.1	95.5	97.4	98.7	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	53.8	86.9	91.5	93.3	95.7	97.6	98.9	99.1	99.2	99.3	99.3	99.6	99.8	99.8	99.8	99.8
GE 400	53.8	86.9	91.5	93.3	95.7	97.6	99.0	99.2	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	53.8	86.9	91.5	93.3	95.7	97.6	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	53.8	86.9	91.5	93.3	95.7	97.6	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	53.8	86.9	91.5	93.3	95.7	97.6	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	53.8	86.9	91.5	93.3	95.7	97.6	99.1	99.4	99.5	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 7/8	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	34.5	46.2	47.7	48.0	48.4	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000	38.9	55.2	56.7	56.9	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 15000	38.9	55.2	56.7	56.9	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 10000	38.9	55.2	56.7	56.9	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 7000	38.9	55.3	56.9	57.1	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 5000	38.9	55.6	57.4	57.7	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 3000	40.5	58.1	60.2	60.5	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 2000	41.6	59.6	61.7	62.0	62.6	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 1500	42.9	62.1	64.3	64.6	65.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 1000	43.2	63.4	65.9	66.6	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 700	43.8	64.3	67.0	67.7	68.4	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 500	45.6	66.8	71.7	72.5	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 400	47.0	71.3	74.2	75.4	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 300	49.6	74.2	77.4	78.6	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 250	50.0	76.6	80.1	81.3	82.4	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 200	51.8	79.5	83.2	84.7	85.9	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 150	52.9	81.5	85.3	87.2	88.5	89.3	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 100	53.0	82.3	86.3	88.1	89.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 70	53.0	82.4	86.5	88.5	90.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 50	53.1	83.0	87.2	89.2	90.8	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 0	57.2	89.4	88.5	90.9	93.0	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	57.4	89.7	89.3	91.6	93.8	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	57.4	89.8	89.4	91.7	94.0	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	57.6	90.2	90.1	92.6	95.4	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	57.7	90.3	90.2	92.8	95.7	97.6	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	57.8	90.5	90.3	93.0	95.9	97.8	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	57.9	90.6	90.5	93.2	96.1	98.3	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	57.9	90.6	90.5	93.2	96.2	98.4	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	57.9	90.6	90.5	93.2	96.2	98.4	99.2	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	57.9	90.6	90.5	93.2	96.2	98.4	99.2	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	57.9	90.6	90.5	93.2	96.2	98.4	99.2	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	57.9	90.6	90.5	93.2	96.2	98.4	99.2	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MONT IN

PERIOD OF RECORD: 78-87
MONTH: MAY 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 7/16	GE 1/4	GE 0
NO CEIL	41.0	51.8	52.3	53.5	53.6	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	43.8	57.5	58.1	59.3	59.5	60.0	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	43.8	57.5	58.1	59.3	59.5	60.0	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 16000	43.8	57.7	58.4	59.6	59.8	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	43.8	57.8	58.5	59.7	59.9	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 12000	44.1	58.6	59.2	60.4	60.6	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 10000	45.8	62.0	63.0	64.2	64.4	64.8	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 9000	46.4	63.4	64.4	65.6	65.8	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 8000	48.0	66.3	67.5	68.7	68.9	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 7000	48.4	67.9	69.4	70.6	70.8	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 6000	48.9	68.8	70.4	71.6	71.8	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	50.5	72.2	74.3	75.6	76.2	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4500	51.7	74.9	77.1	78.4	79.0	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	52.6	76.2	78.7	80.0	80.7	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500	53.8	78.6	80.7	82.1	82.8	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	54.6	79.9	82.7	84.3	85.0	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	55.3	81.8	84.9	86.4	87.7	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2000	55.9	82.6	86.3	88.1	89.4	90.0	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	55.9	83.1	86.5	88.3	89.6	90.2	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1600	56.3	83.6	87.3	89.2	90.6	91.4	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1400	56.4	84.5	88.3	90.3	91.4	92.1	92.2	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	56.5	85.1	88.7	90.6	92.1	92.9	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	56.5	85.3	89.1	91.4	92.9	93.6	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	56.5	85.3	89.4	92.2	93.5	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	56.5	85.5	89.6	92.6	94.1	94.8	95.0	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	56.5	85.5	89.8	93.2	94.7	95.8	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	56.6	85.7	90.1	93.7	95.5	96.5	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	56.6	85.8	90.2	94.0	95.7	97.0	97.3	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	56.6	85.8	90.2	94.0	95.7	97.5	97.8	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	56.6	85.8	90.2	94.0	95.7	97.5	98.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	56.6	85.8	90.2	94.0	95.7	97.5	98.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	56.6	85.8	90.2	94.0	95.7	97.5	98.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

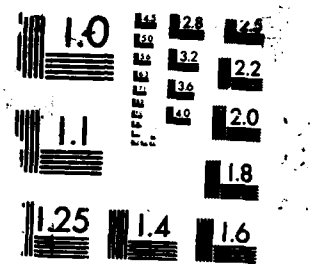
STATION NUMBER: 725335 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 76-87
MONTH: MAY HOURS(LST): ALL

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	34.1	46.6	48.1	49.3	50.1	50.5	50.7	50.9	50.9	50.9	51.0	51.0	51.1	51.1	51.1	51.1
GE 20000	36.4	51.3	53.1	54.6	55.4	55.9	56.2	56.3	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.6
GE 18000	36.4	51.3	53.1	54.6	55.4	55.9	56.2	56.3	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.6
GE 16000	36.4	51.3	53.2	54.6	55.5	56.0	56.2	56.4	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.6
GE 14000	36.4	51.4	53.3	54.7	55.5	56.1	56.3	56.4	56.4	56.6	56.6	56.6	56.7	56.7	56.7	56.7
GE 12000	36.7	52.0	53.9	55.3	56.2	56.7	57.0	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.4
GE 10000	38.2	54.6	56.7	58.3	59.2	59.8	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4
GE 9000	38.7	55.5	57.6	59.2	60.1	60.7	61.0	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.4
GE 8000	39.9	58.0	60.2	61.9	62.9	63.5	63.8	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.2
GE 7000	40.8	59.8	62.2	64.0	64.9	65.6	65.9	66.0	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3
GE 6000	41.2	60.6	63.2	65.0	66.0	66.7	67.0	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4
GE 5000	42.4	63.8	66.5	68.3	69.5	70.1	70.5	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	43.3	66.0	68.7	70.6	71.8	72.5	72.9	73.0	73.0	73.2	73.2	73.2	73.3	73.3	73.3	73.3
GE 4000	44.0	67.5	70.3	72.3	73.6	74.4	74.8	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.3
GE 3500	45.1	69.4	72.4	74.5	76.0	76.8	77.3	77.4	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7
GE 3000	45.9	71.2	74.3	76.4	78.1	79.0	79.5	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.0
GE 2500	47.0	73.9	77.5	79.9	81.8	82.6	83.4	83.6	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0
GE 2000	47.5	75.7	79.6	82.3	84.2	85.2	85.9	86.2	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.6
GE 1800	47.8	76.4	80.4	83.1	85.0	86.1	86.8	87.1	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.5
GE 1600	48.2	77.5	81.6	84.3	86.4	87.6	88.4	88.7	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE 1400	48.5	78.8	83.2	86.1	88.3	89.7	90.6	90.9	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 1200	48.6	79.4	84.0	87.1	89.3	90.9	91.9	92.2	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6
GE 1000	48.6	79.6	84.4	87.7	90.1	91.7	92.8	93.2	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.6
GE 900	48.6	79.6	84.8	88.3	90.6	92.6	93.8	94.2	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 800	48.7	80.0	85.3	88.7	91.3	93.3	94.7	95.1	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.6
GE 700	48.7	80.2	85.3	89.1	91.8	93.9	95.4	95.9	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.4
GE 600	48.7	80.3	85.5	89.4	92.2	94.5	96.3	96.9	97.0	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 500	48.7	80.3	85.5	89.6	92.5	95.0	97.0	97.7	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	48.7	80.3	85.5	89.7	92.6	95.1	97.3	98.2	98.4	99.0	99.1	99.1	99.2	99.2	99.2	99.2
GE 300	48.7	80.3	85.5	89.7	92.6	95.1	97.4	98.3	98.4	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 200	48.7	80.3	85.5	89.7	92.6	95.1	97.4	98.3	98.4	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 100	48.7	80.3	85.5	89.7	92.6	95.1	97.4	98.3	98.4	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 0	48.7	80.3	85.5	89.7	92.6	95.1	97.4	98.3	98.4	99.1	99.2	99.2	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 7435

AD-A188 269 FORT WAYNE MUNI INDIANA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERV..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 09 OCT 87 3/4

UNCLASSIFIED USAFETAC/DS-87/065 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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 7/8	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	49.6	60.8	62.7	63.3	63.6	63.8	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 20000	42.3	64.4	66.9	67.7	67.9	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 18000	42.3	64.4	66.9	67.7	67.9	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 16000	42.3	64.4	66.9	67.7	67.9	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	42.3	64.4	66.9	67.7	67.9	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 12000	42.4	65.2	67.7	68.8	69.0	69.2	69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	44.3	69.4	72.2	74.0	74.2	74.4	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 9000	44.7	70.4	73.3	75.1	75.3	75.6	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 8000	45.7	72.3	75.2	77.1	77.6	77.9	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 7000	46.8	74.3	77.2	79.1	79.6	79.9	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	47.1	75.2	78.2	80.1	80.6	80.9	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 5000	48.0	77.1	80.4	82.3	82.8	83.1	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 4500	48.2	78.3	81.6	83.9	84.4	84.9	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	48.3	78.9	82.4	84.6	85.3	85.9	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	48.8	79.7	83.4	85.9	86.7	87.3	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	49.1	81.0	85.2	88.1	88.9	89.6	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500	49.4	82.1	86.8	90.0	90.8	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	49.9	83.3	88.2	91.6	92.3	93.2	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	50.0	83.8	88.7	92.0	92.9	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	50.1	84.4	89.4	92.6	93.7	94.6	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	50.1	84.7	89.8	93.2	94.2	95.6	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	50.1	84.8	89.9	93.3	94.3	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	50.1	84.9	90.1	93.9	94.9	96.3	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	50.2	85.0	90.2	94.0	95.1	96.6	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	50.2	85.1	90.3	94.1	95.2	96.7	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	50.2	85.1	90.3	94.2	95.6	97.0	97.4	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	50.2	85.2	90.4	94.3	95.7	97.1	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	50.2	85.2	90.4	94.6	95.9	97.3	97.8	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	50.2	85.2	90.4	94.6	96.1	97.6	98.0	98.3	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	50.2	85.2	90.4	94.6	96.1	97.7	98.1	98.7	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.4
GE 100	50.2	85.2	90.4	94.6	96.1	97.7	98.1	98.7	98.7	99.2	99.3	99.3	99.7	99.7	99.7	99.8
GE 0	50.2	85.2	90.4	94.6	96.1	97.7	98.1	98.7	98.7	99.2	99.3	99.3	99.7	99.7	99.7	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	35.3	51.2	54.4	56.6	57.3	57.8	58.4	58.4	58.4	58.6	58.7	58.7	58.8	58.8	58.9	58.9
GE 20000	37.9	56.3	60.1	63.0	63.9	64.4	65.1	65.1	65.1	65.2	65.3	65.3	65.4	65.4	65.6	65.6
GE 18000	37.9	56.3	60.1	63.0	63.9	64.4	65.1	65.1	65.1	65.2	65.3	65.3	65.4	65.4	65.6	65.6
GE 16000	37.9	56.3	60.1	63.0	63.9	64.4	65.1	65.1	65.1	65.2	65.3	65.3	65.4	65.4	65.6	65.6
GE 14000	37.9	56.3	60.1	63.0	63.9	64.4	65.1	65.1	65.1	65.2	65.3	65.3	65.4	65.4	65.6	65.6
GE 12000	38.1	57.1	61.1	64.1	65.0	65.6	66.2	66.2	66.2	66.3	66.4	66.4	66.6	66.6	66.7	66.7
GE 10000	39.4	60.4	64.9	68.4	69.4	70.0	70.7	70.7	70.7	70.8	70.9	70.9	71.0	71.0	71.1	71.1
GE 9000	39.4	60.8	65.2	68.8	69.8	70.3	71.0	71.0	71.0	71.1	71.2	71.2	71.3	71.3	71.4	71.4
GE 8000	40.3	62.8	67.3	71.3	72.3	72.9	73.7	73.9	73.9	74.0	74.1	74.1	74.2	74.2	74.3	74.3
GE 7000	41.3	64.4	69.1	73.2	74.2	74.8	75.8	76.0	76.0	76.1	76.2	76.2	76.3	76.3	76.4	76.4
GE 6000	41.6	65.2	70.0	74.1	75.1	75.9	77.0	77.2	77.2	77.3	77.4	77.4	77.6	77.6	77.7	77.7
GE 5000	42.9	67.3	72.4	77.0	78.0	78.8	80.0	80.2	80.2	80.3	80.4	80.4	80.6	80.6	80.7	80.7
GE 4500	44.1	69.3	74.7	79.3	80.4	81.2	82.4	82.7	82.7	82.8	82.9	82.9	83.0	83.0	83.1	83.1
GE 4000	44.1	70.0	75.3	80.0	81.1	81.9	83.1	83.4	83.4	83.6	83.7	83.7	83.8	83.8	83.9	83.9
GE 3500	44.9	72.1	77.8	82.7	83.8	84.6	85.9	86.2	86.2	86.3	86.4	86.4	86.6	86.6	86.7	86.7
GE 3000	45.2	73.1	79.2	84.4	85.8	86.7	88.1	88.4	88.4	88.7	88.8	88.8	88.9	88.9	89.0	89.0
GE 2500	45.8	74.6	80.9	86.2	87.6	88.4	90.1	90.4	90.4	90.7	90.8	90.8	90.9	90.9	91.0	91.0
GE 2000	46.4	75.4	82.0	87.3	88.8	89.7	91.4	91.8	91.8	92.0	92.1	92.1	92.2	92.2	92.3	92.3
GE 1800	46.6	75.6	82.3	87.7	89.2	90.1	92.0	92.3	92.3	92.6	92.7	92.7	92.8	92.8	92.9	92.9
GE 1500	46.9	76.0	82.9	88.6	90.1	91.0	92.9	93.2	93.2	93.4	93.6	93.6	93.7	93.7	93.8	93.8
GE 1200	47.0	76.1	83.4	89.3	90.9	92.0	94.0	94.3	94.3	94.6	94.7	94.7	94.8	94.8	94.9	94.9
GE 1000	47.3	76.7	84.0	89.9	91.9	93.0	95.0	95.3	95.3	95.6	95.7	95.7	95.8	95.8	95.9	95.9
GE 900	47.3	76.8	84.1	90.2	92.1	93.3	95.3	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.2	96.2
GE 800	47.3	77.0	84.3	90.4	92.3	93.6	95.6	95.9	95.9	96.1	96.2	96.2	96.3	96.3	96.4	96.4
GE 700	47.3	77.1	84.4	90.9	92.9	94.1	96.1	96.4	96.4	96.7	96.8	96.8	96.9	96.9	97.0	97.0
GE 600	47.3	77.2	84.6	91.1	93.1	94.3	96.6	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.4	97.4
GE 500	47.3	77.2	84.6	91.2	93.3	94.7	97.0	97.3	97.3	97.6	97.7	97.7	97.8	97.8	97.9	97.9
GE 400	47.3	77.2	84.6	91.2	93.4	94.8	97.3	98.0	98.0	98.2	98.3	98.3	98.4	98.4	98.6	98.6
GE 300	47.3	77.2	84.6	91.2	93.4	94.8	97.4	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.9	98.9
GE 200	47.3	77.2	84.6	91.2	93.4	94.8	97.4	98.4	98.6	98.9	99.0	99.0	99.1	99.1	99.2	99.2
GE 100	47.3	77.2	84.6	91.2	93.4	94.8	97.4	98.4	98.6	98.9	99.0	99.0	99.1	99.1	99.3	99.7
GE 0	47.3	77.2	84.6	91.2	93.4	94.8	97.4	98.4	98.6	98.9	99.0	99.0	99.1	99.1	99.3	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	32.1	45.1	48.6	51.8	53.8	55.4	56.4	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9
GE 20000	34.1	49.4	53.4	57.2	59.7	61.4	62.4	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9
GE 18000	34.1	49.4	53.4	57.2	59.7	61.4	62.4	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9
GE 16000	34.1	49.4	53.4	57.2	59.7	61.4	62.4	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9
GE 14000	34.1	49.6	53.6	57.3	59.8	61.6	62.6	62.8	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0
GE 12000	34.1	49.9	53.9	57.8	60.4	62.2	63.2	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.7
GE 10000	36.0	53.0	57.8	62.3	65.1	67.3	68.3	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8
GE 9000	36.3	53.7	59.0	63.8	66.6	68.8	69.8	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2
GE 8000	37.4	56.0	61.4	66.2	69.0	71.3	72.4	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9
GE 7000	37.8	56.4	61.9	66.7	69.6	72.2	73.3	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8
GE 6000	38.2	57.0	62.4	67.2	70.4	73.2	74.4	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9
GE 5000	39.2	59.1	64.6	69.6	73.1	76.4	77.7	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4
GE 4500	39.8	60.6	66.0	71.3	75.0	78.8	80.3	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
GE 4000	40.3	62.0	67.4	72.8	76.7	80.6	82.1	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9
GE 3500	41.0	63.3	69.2	74.6	78.4	82.6	84.2	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0
GE 3000	41.4	64.2	70.2	75.6	79.4	83.6	85.2	85.9	85.9	86.0	86.0	86.0	86.2	86.2	86.2	86.2
GE 2500	41.6	65.3	71.6	77.0	81.0	85.2	86.9	87.6	87.6	87.7	87.7	87.7	87.9	87.9	87.9	87.9
GE 2000	41.9	65.6	71.9	77.4	81.4	85.8	87.7	88.4	88.4	88.6	88.6	88.6	88.8	88.8	88.8	88.8
GE 1800	41.9	65.7	72.1	77.7	81.7	86.0	88.0	88.8	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.2
GE 1500	42.2	66.1	72.6	78.2	82.2	86.6	88.6	89.3	89.4	89.6	89.6	89.6	89.8	89.8	89.8	89.8
GE 1200	42.8	67.3	73.8	79.8	83.8	88.4	90.6	91.4	91.7	91.8	91.8	91.8	92.0	92.0	92.0	92.0
GE 1000	42.6	67.4	73.9	80.0	84.0	88.8	91.0	91.9	92.1	92.2	92.3	92.3	92.6	92.6	92.6	92.6
GE 900	43.2	68.3	74.8	81.4	85.4	90.3	92.6	93.6	93.8	93.9	94.0	94.0	94.2	94.2	94.2	94.2
GE 800	43.2	68.4	75.0	81.9	85.9	90.9	93.4	94.6	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.4
GE 700	43.2	68.6	75.1	82.0	86.0	91.2	93.8	95.4	95.7	95.8	95.9	95.9	96.1	96.1	96.1	96.1
GE 600	43.2	68.9	75.4	82.3	86.3	91.8	94.4	96.1	96.3	96.4	96.6	96.6	96.8	96.8	96.8	96.8
GE 500	43.2	68.9	75.4	82.3	86.3	91.8	94.7	96.7	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.4
GE 400	43.2	68.9	75.4	82.3	86.3	91.8	94.8	97.2	97.4	97.8	97.9	97.9	98.1	98.1	98.1	98.1
GE 300	43.2	68.9	75.4	82.3	86.3	91.8	94.8	97.3	97.6	98.2	98.4	98.4	98.8	98.8	98.8	98.8
GE 200	43.2	68.9	75.4	82.3	86.3	91.8	94.8	97.6	97.8	98.4	98.8	98.8	99.1	99.2	99.3	99.3
GE 100	43.2	68.9	75.4	82.3	86.3	91.8	94.8	97.6	97.8	98.4	98.8	98.8	99.1	99.2	99.7	100.0
GE 0	43.2	68.9	75.4	82.3	86.3	91.8	94.8	97.6	97.8	98.4	98.8	98.8	99.1	99.2	99.7	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	40.2	53.8	56.3	57.6	57.1	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 20000	43.0	58.2	61.0	62.0	62.4	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 18000	43.0	58.2	61.0	62.0	62.4	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	43.0	58.2	61.0	62.0	62.4	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	43.3	58.6	61.3	62.3	62.8	63.4	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 12000	43.6	58.9	62.1	63.2	63.8	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 10000	45.4	61.9	65.1	66.6	67.2	68.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	45.6	62.7	66.1	67.9	68.7	69.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	47.2	65.0	68.4	70.2	71.1	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	47.3	65.2	68.8	70.7	71.6	72.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	47.6	65.9	69.7	71.7	72.6	73.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 5000	48.2	67.6	71.6	73.7	74.8	76.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4500	48.9	68.3	72.3	74.4	75.7	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	49.7	69.6	73.8	76.0	77.3	79.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3500	49.9	70.1	74.3	76.6	78.0	80.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	50.7	71.7	76.0	78.3	79.9	81.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500	51.2	72.7	77.1	79.6	81.1	83.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	51.8	74.0	78.9	81.3	83.0	85.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1800	52.1	74.4	79.4	81.9	83.6	86.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	52.8	75.7	80.9	83.4	85.3	88.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1200	53.4	78.0	83.6	86.6	88.6	91.8	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	53.4	78.1	83.7	87.0	89.1	92.7	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	53.4	78.2	83.8	87.2	89.4	93.1	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	53.7	78.6	84.1	87.6	89.8	93.6	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	53.8	78.8	84.4	87.9	90.1	93.9	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	53.8	78.8	84.4	87.9	90.1	94.0	97.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	53.8	78.8	84.4	87.9	90.1	94.0	97.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	53.8	78.8	84.4	87.9	90.1	94.0	97.9	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	53.8	78.8	84.4	87.9	90.1	94.0	97.9	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	53.8	78.8	84.4	87.9	90.1	94.0	97.9	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	53.8	78.8	84.4	87.9	90.1	94.0	97.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	53.8	78.8	84.4	87.9	90.1	94.0	97.9	99.4	99.4	99.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 9/16	GE 1/4	GE 0
NO CEIL	39.6	50.4	51.9	52.1	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	42.1	56.9	58.4	58.8	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 18000	42.1	56.9	58.4	58.8	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 16000	42.2	57.0	58.6	58.9	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 14000	42.3	57.2	58.8	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 12000	42.4	57.7	59.6	59.9	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 10000	44.9	61.4	63.7	64.2	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	45.1	62.8	65.3	65.9	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 8000	46.0	65.7	68.3	69.1	69.8	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 7000	46.6	66.6	69.2	70.1	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 6000	47.0	67.3	70.0	70.9	71.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	48.7	69.7	72.6	73.4	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	49.9	71.1	74.0	74.9	76.0	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	51.0	73.2	76.3	77.2	78.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	52.7	75.8	79.0	80.1	81.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	53.6	77.9	81.4	82.7	84.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	55.4	81.4	85.3	86.9	88.6	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	55.8	83.1	87.2	89.0	90.8	92.2	92.2	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	56.0	83.8	88.1	89.9	91.9	93.3	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500	56.6	84.9	89.4	91.2	93.4	95.0	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	56.7	86.0	90.6	92.6	95.1	97.1	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	56.7	86.0	90.8	92.8	95.4	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	56.7	86.0	90.8	92.8	95.4	97.6	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	56.7	86.0	90.8	92.8	95.4	97.6	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	56.7	86.0	90.8	92.8	95.7	97.8	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	56.7	86.1	90.9	92.9	95.8	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	56.7	86.1	90.9	92.9	95.8	97.9	98.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	56.7	86.1	90.9	92.9	95.8	97.9	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	56.7	86.1	90.9	92.9	95.8	97.9	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	56.7	86.1	90.9	92.9	95.8	97.9	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	56.7	86.1	90.9	92.9	95.8	97.9	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	56.7	86.1	90.9	92.9	95.8	97.9	98.8	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
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.9	49.1	50.4	51.2	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	43.0	57.4	59.1	60.1	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	43.1	57.6	59.2	60.2	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	43.1	57.6	59.2	60.2	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 14000	43.3	58.0	59.7	60.7	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	43.6	58.6	60.7	61.7	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 10000	46.2	63.0	65.3	66.6	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 9000	46.6	64.6	67.2	68.4	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 8000	47.0	66.3	69.3	70.8	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 7000	47.7	67.8	70.9	72.3	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	48.3	68.7	71.8	73.2	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 5000	49.4	70.7	73.8	75.3	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	50.9	73.0	76.1	77.9	78.8	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	51.8	75.7	79.4	81.4	82.3	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	53.0	77.8	81.7	83.7	84.7	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	54.1	80.7	84.7	86.7	87.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	55.0	83.4	87.8	90.1	91.2	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000	55.1	84.8	89.4	92.0	93.1	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	55.1	84.9	89.8	92.3	93.4	94.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1600	55.7	85.4	90.3	92.9	94.0	95.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	55.9	85.9	90.6	93.3	94.6	96.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	55.9	86.0	91.0	93.6	94.8	96.4	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	55.9	86.0	91.2	93.8	95.0	96.7	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	55.9	86.0	91.2	93.9	95.1	96.9	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	55.9	86.0	91.3	94.1	95.6	97.3	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	55.9	86.0	91.4	94.4	95.9	97.8	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	55.9	86.0	91.4	94.4	95.9	97.8	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	55.9	86.0	91.4	94.4	95.9	97.8	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	55.9	86.0	91.4	94.4	95.9	97.8	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	55.9	86.0	91.4	94.4	95.9	97.8	99.1	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	55.9	86.0	91.4	94.4	95.9	97.8	99.1	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	55.9	86.0	91.4	94.4	95.9	97.8	99.1	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN 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	40.2	55.7	57.3	57.7	58.1	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 20000	44.0	62.4	65.9	66.2	66.8	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	44.0	62.4	65.9	66.2	66.8	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	44.0	62.4	65.9	66.2	66.8	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	44.2	62.7	66.1	66.4	67.0	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 12000	45.1	64.2	67.8	68.1	68.7	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000	47.3	68.7	72.8	73.2	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 9000	47.8	69.8	74.2	74.7	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	48.8	72.3	76.9	77.6	78.2	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	49.9	74.1	78.7	79.4	80.2	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 6000	50.6	75.2	79.8	80.6	81.3	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 5000	52.2	77.7	82.2	83.1	83.9	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4500	52.7	78.6	83.1	84.1	85.1	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 4000	53.1	79.8	84.6	85.8	86.9	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3500	53.8	80.8	85.8	87.2	88.3	89.1	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	54.3	82.3	87.3	89.1	90.3	91.1	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	55.1	83.8	89.0	91.1	92.4	93.2	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	55.4	84.3	89.7	91.9	93.2	94.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800	55.6	84.6	90.1	92.6	93.9	94.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	55.7	85.0	90.6	93.4	94.8	95.7	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	56.0	85.7	91.2	94.1	95.6	96.4	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	56.0	85.8	91.4	94.4	95.9	96.9	98.0	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	56.0	85.9	91.6	94.6	96.1	97.1	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	56.0	86.1	91.8	94.8	96.3	97.3	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	56.0	86.1	91.8	95.1	96.7	97.7	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	56.0	86.1	91.8	95.2	96.8	97.8	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	56.0	86.1	91.8	95.2	96.8	97.8	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	56.0	86.1	91.8	95.2	96.8	97.8	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	56.0	86.1	91.8	95.2	96.8	97.8	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	56.0	86.1	91.8	95.2	96.8	97.8	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	56.0	86.1	91.8	95.2	96.8	97.8	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	56.0	86.1	91.8	95.2	96.8	97.8	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: JUN 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	43.9	60.2	62.0	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1
GE 20000	46.4	66.4	68.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
GE 18000	46.4	66.4	68.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
GE 16000	46.4	66.4	68.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
GE 14000	46.4	66.4	68.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
GE 12000	47.0	67.7	69.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4
GE 10000	48.7	71.2	74.0	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6
GE 9000	49.0	72.3	75.2	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2
GE 8000	50.2	73.9	76.8	77.9	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9
GE 7000	51.8	75.0	78.1	79.3	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3
GE 6000	52.6	77.0	80.1	81.3	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4
GE 5000	54.3	79.6	82.9	84.2	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
GE 4500	54.3	80.1	83.4	85.1	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3
GE 4000	54.8	81.2	84.9	86.7	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
GE 3500	55.1	81.9	85.7	87.7	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6
GE 3000	55.9	83.9	87.7	90.0	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
GE 2500	56.7	84.8	88.7	91.4	93.0	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
GE 2000	57.1	85.6	89.8	92.7	94.2	94.6	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2
GE 1800	57.3	86.4	90.7	93.7	95.3	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4
GE 1500	57.4	86.8	91.0	94.0	95.7	96.0	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.8	96.8
GE 1200	57.4	87.3	91.7	94.7	96.3	96.8	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7
GE 1000	57.6	87.7	92.0	95.0	96.7	97.2	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
GE 900	57.7	88.0	92.3	95.3	97.0	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 800	57.8	88.1	92.4	95.6	97.2	97.8	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 700	57.8	88.1	92.6	95.7	97.3	97.9	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 600	57.8	88.1	92.6	95.8	97.6	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1
GE 500	57.8	88.1	92.6	95.8	97.7	98.2	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6
GE 400	57.8	88.1	92.6	95.9	97.8	98.3	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 300	57.8	88.1	92.6	95.9	97.8	98.6	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	57.8	88.1	92.6	95.9	97.8	98.6	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
GE 100	57.8	88.1	92.6	95.9	97.8	98.6	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
GE 0	57.8	88.1	92.6	95.9	97.8	98.6	99.3	99.6	99.6	99.8	99.8	99.8	99.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	56.6	53.3	55.5	56.6	57.1	57.6	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.1
GE 20000	41.6	59.0	61.7	63.1	63.8	64.3	64.6	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
GE 18000	41.6	59.0	61.7	63.1	63.8	64.3	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	41.6	59.0	61.7	63.1	63.8	64.3	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	41.8	59.2	61.9	63.3	64.0	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0
GE 12000	42.0	59.9	62.8	64.3	65.0	65.6	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1
GE 10000	44.0	63.6	67.0	68.8	69.6	70.2	70.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
GE 9000	44.3	64.6	68.2	70.1	71.0	71.7	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000	45.3	66.8	70.5	72.5	73.5	74.2	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9
GE 7000	46.0	68.0	71.7	73.9	74.9	75.7	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
GE 6000	46.6	68.9	72.8	74.9	76.0	76.8	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6
GE 5000	47.9	71.1	75.1	77.3	78.5	79.6	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	48.6	72.4	76.4	78.9	80.2	81.3	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2
GE 4000	49.1	73.8	78.0	80.6	82.0	83.2	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	49.9	75.2	79.6	82.3	83.8	85.2	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	50.5	76.8	81.5	84.4	86.0	87.4	88.2	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
GE 2500	51.3	78.5	83.4	86.5	88.2	89.7	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	51.7	79.5	84.6	87.9	89.6	91.2	92.2	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	51.8	79.9	85.2	88.5	90.2	91.9	93.0	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
GE 1500	52.2	80.5	85.9	89.3	91.2	92.8	93.9	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	52.4	81.4	86.8	90.4	92.4	94.3	95.6	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	52.5	81.6	87.1	90.8	92.8	94.8	96.1	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	52.5	81.8	87.3	91.2	93.2	95.3	96.6	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 800	52.6	81.9	87.5	91.4	93.4	95.5	97.0	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	52.6	82.0	87.6	91.6	93.7	95.8	97.3	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2
GE 600	52.6	82.0	87.7	91.7	93.9	96.1	97.7	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 500	52.6	82.1	87.7	91.8	93.9	96.2	97.9	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	52.6	82.1	87.7	91.8	94.0	96.2	98.0	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 300	52.6	82.1	87.7	91.8	94.0	96.3	98.1	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 200	52.6	82.1	87.7	91.8	94.0	96.3	98.1	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 100	52.6	82.1	87.7	91.8	94.0	96.3	98.1	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.9
GE 0	52.6	82.1	87.7	91.8	94.0	96.3	98.1	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	36.3	58.3	62.8	65.9	68.1	68.4	68.6	68.7	69.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 20000	37.3	61.3	66.0	70.1	72.3	72.9	73.3	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 18000	37.3	61.3	66.0	70.1	72.3	72.9	73.3	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 16000	37.3	61.3	66.0	70.1	72.3	72.9	73.3	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 14000	37.5	61.5	66.2	70.5	72.7	73.3	73.8	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 12000	37.6	61.7	66.5	70.8	72.9	73.5	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 10000	38.4	64.3	69.5	74.4	76.9	77.6	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 9000	39.2	65.5	70.6	75.6	78.2	78.9	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 8000	39.9	66.8	72.2	77.4	80.1	80.9	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 7000	40.1	68.0	73.5	78.8	81.5	82.3	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 6000	40.1	68.5	74.1	79.5	82.2	82.9	83.4	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 5000	40.6	70.2	76.0	81.9	84.6	85.4	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4500	40.6	70.5	76.6	82.9	85.6	86.3	87.0	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	40.8	71.0	77.1	83.5	86.2	87.0	87.6	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	43.9	71.6	77.7	84.2	86.9	87.6	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000	41.5	73.1	79.7	86.5	89.1	89.9	90.6	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	42.0	74.4	81.2	88.3	91.0	91.7	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	42.2	75.3	82.2	89.5	92.2	92.9	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	42.2	75.4	82.3	89.7	92.4	93.1	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	42.2	75.6	82.6	90.0	92.8	93.5	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	42.2	75.7	82.7	90.1	93.0	93.9	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	42.2	75.9	83.0	90.6	93.5	94.4	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	42.2	75.9	83.0	90.8	93.7	94.5	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	42.2	76.2	83.3	91.3	94.2	95.1	96.1	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	42.2	76.2	83.7	91.6	94.5	95.4	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	42.2	76.2	83.8	91.8	94.8	95.7	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	42.2	76.2	83.8	92.5	95.5	96.7	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	42.2	76.3	83.9	92.6	95.7	96.9	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	42.2	76.3	83.9	92.6	96.0	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	42.2	76.3	83.9	92.6	96.0	97.6	98.8	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 100	42.2	76.3	83.9	92.6	96.0	97.6	98.8	99.0	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9
GE 0	42.2	76.3	83.9	92.6	96.0	97.6	98.8	99.0	99.1	99.6	99.6	99.6	99.7	99.7	99.7	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 7/16	GE 1/4	GE 0
NO CEIL	29.4	48.6	53.1	57.4	60.1	60.8	62.4	63.1	63.1	63.2	63.4	63.4	63.5	63.5	63.7	63.8
GE 20000	30.0	51.7	57.2	61.7	64.7	65.5	67.1	68.0	68.0	68.1	68.4	68.4	68.5	68.5	68.6	68.7
GE 18000	30.0	51.7	57.2	61.7	64.7	65.5	67.1	68.0	68.0	68.1	68.4	68.4	68.5	68.5	68.6	68.7
GE 16000	30.0	51.7	57.2	61.7	64.7	65.5	67.1	68.0	68.0	68.1	68.4	68.4	68.5	68.5	68.6	68.7
GE 14000	30.0	51.7	57.2	61.6	64.8	65.6	67.2	68.1	68.1	68.2	68.5	68.5	68.6	68.6	68.7	68.8
GE 12000	30.0	51.7	57.2	61.6	64.8	65.6	67.2	68.1	68.1	68.2	68.5	68.5	68.6	68.6	68.7	68.8
GE 10000	31.2	54.5	60.3	65.7	69.2	70.2	71.8	72.7	72.7	72.8	73.1	73.1	73.2	73.2	73.3	73.4
GE 9000	32.0	55.6	61.4	66.8	70.4	71.4	73.0	73.9	73.9	74.0	74.3	74.3	74.4	74.4	74.5	74.6
GE 8000	32.7	57.6	63.7	69.1	73.0	74.0	75.6	76.5	76.5	76.6	76.9	76.9	77.0	77.0	77.1	77.2
GE 7000	33.4	59.0	65.3	70.8	74.6	75.6	77.2	78.2	78.2	78.3	78.6	78.6	78.7	78.7	78.8	78.9
GE 6000	33.4	59.5	65.7	71.3	75.2	76.1	77.7	78.7	78.7	78.8	79.1	79.1	79.2	79.2	79.4	79.5
GE 5000	33.8	60.0	66.3	71.9	75.8	76.8	78.4	79.4	79.4	79.5	79.8	79.8	79.9	79.9	80.0	80.1
GE 4500	33.9	61.3	68.0	73.7	78.0	78.9	80.5	81.5	81.5	81.6	81.9	81.9	82.0	82.0	82.2	82.3
GE 4000	33.9	61.4	68.3	74.0	78.3	79.2	80.9	81.8	81.8	81.9	82.3	82.3	82.5	82.5	82.6	82.7
GE 3500	34.2	62.4	69.7	75.5	79.8	80.8	82.6	83.5	83.5	83.7	84.0	84.0	84.2	84.2	84.3	84.4
GE 3000	34.5	63.5	71.3	77.4	81.9	82.9	84.7	85.7	85.7	85.8	86.1	86.1	86.3	86.3	86.5	86.6
GE 2500	35.4	65.4	73.1	79.4	83.9	84.8	86.8	87.7	87.7	87.8	88.2	88.2	88.4	88.4	88.5	88.6
GE 2000	35.4	66.2	74.1	80.4	84.9	86.0	88.0	88.9	88.9	89.0	89.4	89.4	89.6	89.6	89.7	89.8
GE 1800	35.4	66.6	74.4	80.8	85.3	86.3	88.3	89.2	89.2	89.4	89.7	89.7	89.9	89.9	90.0	90.1
GE 1500	35.6	67.5	75.7	82.0	86.6	87.7	89.7	90.6	90.6	90.8	91.1	91.1	91.3	91.3	91.4	91.5
GE 1200	35.8	68.5	77.0	83.7	88.2	89.5	91.4	92.4	92.4	92.5	92.8	92.8	93.0	93.0	93.1	93.2
GE 1000	36.0	68.9	77.4	84.3	88.8	90.1	92.3	93.3	93.3	93.4	93.8	93.8	94.0	94.0	94.1	94.2
GE 900	36.0	69.0	77.6	84.5	89.0	90.3	92.5	93.5	93.5	93.7	94.0	94.0	94.2	94.2	94.3	94.4
GE 800	36.0	69.4	78.0	84.9	89.5	90.8	92.9	94.0	94.0	94.1	94.4	94.4	94.6	94.6	94.7	94.8
GE 700	36.0	69.6	78.2	85.2	90.0	91.4	93.9	94.9	94.9	95.1	95.4	95.4	95.6	95.6	95.7	95.8
GE 600	36.0	69.7	78.3	85.3	90.1	91.5	94.0	95.2	95.2	95.3	95.6	95.6	95.8	95.8	95.9	96.0
GE 500	36.0	69.7	78.5	85.5	90.4	91.8	94.5	95.7	95.7	95.8	96.1	96.1	96.3	96.3	96.5	96.6
GE 400	36.0	69.7	78.7	85.8	91.0	92.4	95.4	96.7	96.7	96.9	97.2	97.2	97.4	97.4	97.5	97.6
GE 300	36.0	69.7	78.7	85.8	91.6	93.2	96.3	97.7	97.7	98.3	98.6	98.6	98.8	98.8	98.9	99.0
GE 200	36.0	69.7	78.7	85.8	91.6	93.2	96.5	97.8	97.8	98.4	98.7	98.7	98.9	98.9	99.1	99.4
GE 100	36.0	69.7	78.7	85.8	91.6	93.2	96.5	97.8	97.8	98.4	98.7	98.7	98.9	98.9	99.1	99.7
GE 0	36.0	69.7	78.7	85.8	91.6	93.2	96.5	97.8	97.8	98.4	98.7	98.7	98.9	98.9	99.1	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	22.7	37.8	41.4	45.2	47.2	51.0	54.9	56.5	56.6	57.6	58.0	58.0	58.2	58.2	58.2	58.2
GE 20000	24.8	41.8	45.9	50.5	52.6	57.0	61.6	63.2	63.3	64.5	64.9	64.9	65.2	65.2	65.2	65.2
GE 18000	24.8	41.8	45.9	50.5	52.6	57.0	61.6	63.2	63.3	64.5	64.9	64.9	65.2	65.2	65.2	65.2
GE 16000	24.8	41.8	45.9	50.5	52.6	57.0	61.6	63.2	63.3	64.5	64.9	64.9	65.2	65.2	65.2	65.2
GE 14000	24.8	42.0	46.1	50.8	52.8	57.2	61.8	63.4	63.5	64.7	65.2	65.2	65.4	65.4	65.4	65.4
GE 12000	24.9	42.3	46.3	51.1	53.3	57.7	62.5	64.2	64.3	65.5	65.9	65.9	66.1	66.1	66.1	66.1
GE 10000	25.7	44.2	48.8	54.2	56.8	61.4	66.1	67.8	68.0	69.2	69.7	69.7	69.9	69.9	69.9	69.9
GE 9000	26.7	45.2	50.0	55.7	58.4	63.0	67.7	69.5	69.6	70.9	71.3	71.3	71.5	71.5	71.5	71.5
GE 8000	27.6	47.0	52.2	58.2	61.2	66.0	70.9	72.6	72.7	74.0	74.4	74.4	74.6	74.6	74.6	74.6
GE 7000	28.0	47.8	53.1	59.5	62.7	67.7	72.9	74.6	74.7	76.0	76.5	76.5	76.9	76.9	76.9	76.9
GE 6000	28.3	48.3	53.7	60.1	63.3	68.6	73.8	75.6	75.9	77.2	77.6	77.6	78.1	78.1	78.1	78.1
GE 5000	28.5	48.8	54.5	61.3	64.6	69.9	75.2	77.3	77.3	78.7	79.1	79.1	79.6	79.6	79.6	79.6
GE 4500	28.6	49.6	55.3	62.2	65.5	70.8	76.1	78.0	78.3	79.7	80.1	80.1	80.5	80.5	80.5	80.5
GE 4000	28.7	50.0	55.7	62.7	66.1	71.4	77.0	78.8	79.1	80.5	81.0	81.0	81.4	81.4	81.4	81.4
GE 3500	29.2	50.8	56.5	63.5	67.3	72.7	78.4	80.2	80.5	82.0	82.5	82.5	82.9	82.9	82.9	82.9
GE 3000	29.7	51.9	57.7	65.3	69.1	74.5	80.4	82.4	82.8	84.3	84.7	84.7	85.2	85.2	85.2	85.2
GE 2500	30.1	53.0	59.0	66.6	70.6	76.1	82.3	84.3	84.7	86.3	86.8	86.8	87.2	87.2	87.2	87.2
GE 2000	30.4	53.5	59.7	67.2	71.3	77.4	83.6	85.9	86.3	88.1	88.5	88.5	88.9	88.9	88.9	88.9
GE 1800	30.8	54.2	60.3	67.8	71.9	78.1	84.5	86.7	87.1	88.8	89.2	89.2	89.7	89.7	89.7	89.7
GE 1500	31.1	54.6	60.8	68.3	72.4	78.6	85.1	87.2	87.6	89.5	89.9	89.9	90.3	90.3	90.3	90.3
GE 1200	31.5	55.6	61.8	69.8	73.9	80.2	86.8	89.0	89.5	91.3	91.7	91.7	92.2	92.2	92.2	92.2
GE 1000	31.6	55.9	62.2	70.2	74.3	80.6	87.2	89.5	89.9	91.8	92.3	92.3	92.7	92.7	92.7	92.7
GE 900	31.6	56.1	62.4	70.6	74.7	81.1	88.1	90.5	91.0	92.9	93.3	93.3	93.8	93.8	93.8	93.8
GE 800	31.6	57.1	63.3	71.6	75.7	82.3	89.2	91.7	92.2	94.1	94.5	94.5	94.9	94.9	94.9	94.9
GE 700	31.6	57.2	63.5	71.9	76.0	82.7	89.8	92.6	93.0	94.9	95.4	95.4	95.8	95.8	95.8	95.8
GE 600	31.6	57.2	63.7	72.0	76.1	82.9	90.0	93.1	93.5	95.5	95.9	95.9	96.3	96.3	96.3	96.3
GE 500	31.6	57.3	63.8	72.2	76.2	83.1	90.4	93.5	94.0	96.0	96.5	96.5	96.9	96.9	96.9	96.9
GE 400	31.6	57.3	63.8	72.2	76.3	83.3	90.8	93.9	94.4	96.7	97.1	97.1	97.7	97.7	97.7	97.7
GE 300	31.6	57.3	63.8	72.2	76.3	83.3	91.1	94.4	95.1	97.5	98.3	98.3	99.0	99.0	99.0	99.1
GE 200	31.6	57.3	63.8	72.2	76.3	83.3	91.1	94.5	95.2	97.7	98.6	98.6	99.5	99.5	99.6	99.8
GE 100	31.6	57.3	63.8	72.2	76.3	83.3	91.1	94.5	95.2	97.7	98.6	98.6	99.5	99.5	99.6	99.9
GE 0	31.6	57.3	63.8	72.2	76.3	83.3	91.1	94.5	95.2	97.7	98.6	98.6	99.5	99.5	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	30.6	47.2	50.1	52.0	54.1	56.8	57.7	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 20000	33.7	52.7	56.7	59.1	61.8	64.5	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	33.7	52.7	56.7	59.1	61.8	64.5	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	33.7	52.7	56.7	59.1	61.8	64.5	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 14000	33.8	53.0	57.2	59.7	62.4	65.1	66.3	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 12000	34.1	53.7	57.8	60.3	63.0	65.7	67.2	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	34.7	55.3	60.0	62.7	65.5	68.3	69.8	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 9000	35.1	55.8	60.9	63.8	66.9	69.7	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	36.7	58.1	63.4	66.6	69.8	72.6	74.1	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 7000	37.3	58.9	64.4	67.7	71.1	74.0	75.5	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 6000	38.2	60.0	65.6	69.0	72.4	75.4	76.9	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000	38.8	61.4	67.2	70.8	74.1	77.1	78.6	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	38.9	62.0	67.8	71.6	75.2	78.5	80.1	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 4000	39.0	62.2	68.0	71.7	75.4	78.7	80.6	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500	39.5	63.1	68.9	72.8	76.5	79.8	81.8	82.6	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3000	40.1	64.2	70.2	74.1	77.7	81.1	83.2	84.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	40.8	65.4	71.4	75.4	79.4	82.9	85.2	86.1	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000	41.2	66.1	72.3	76.2	80.2	84.0	86.3	87.4	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	41.6	67.0	?	77.3	81.4	85.2	87.5	88.6	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	41.9	68.2	74.6	78.8	83.0	86.8	89.4	90.4	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	42.4	70.2	76.9	81.3	85.9	89.9	92.8	93.9	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	42.4	70.4	77.2	81.8	86.6	90.5	93.5	94.6	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	42.4	70.6	77.7	82.5	87.3	91.3	94.4	95.7	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	42.4	70.8	78.0	82.7	87.6	91.7	95.1	96.3	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	42.4	70.8	78.1	83.0	88.1	92.2	95.7	97.2	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	42.4	70.8	78.1	83.0	88.1	92.3	95.8	97.4	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	42.4	71.0	78.3	83.2	88.3	92.6	96.2	97.8	98.0	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	42.4	71.0	78.3	83.2	88.3	92.6	96.3	98.0	98.2	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	42.4	71.0	78.3	83.2	88.3	92.6	96.6	98.2	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	42.4	71.0	78.3	83.2	88.3	92.8	96.6	98.2	98.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	42.4	71.0	78.3	83.2	88.3	92.8	96.6	98.2	98.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	42.4	71.0	78.3	83.2	88.3	92.8	96.6	98.2	98.4	99.5	99.9	99.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.1	51.6	53.8	54.9	55.6	56.7	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	38.9	58.8	61.6	63.0	63.8	64.9	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 18000	38.9	58.8	61.6	63.0	63.8	64.9	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	38.9	58.8	61.6	63.0	63.8	64.9	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	39.2	59.1	61.9	63.3	64.1	65.3	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 12000	39.9	59.8	62.6	64.0	64.7	65.9	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 10000	40.8	61.7	65.1	66.6	67.5	68.7	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	41.6	63.1	66.7	68.2	69.1	70.4	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 8000	43.0	65.5	69.1	70.8	71.9	73.5	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 7000	43.7	66.5	70.1	71.7	72.9	74.6	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 6000	44.1	66.9	70.5	72.2	73.4	75.2	76.0	76.0	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2
GE 5000	45.2	68.5	72.5	74.3	75.9	77.6	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7
GE 4500	45.3	68.9	73.1	74.9	76.6	78.4	79.2	79.2	79.2	79.5	79.5	79.6	79.6	79.6	79.6	79.6
GE 4000	45.7	69.7	73.9	75.7	77.3	79.6	80.4	80.4	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8
GE 3500	46.8	71.0	75.3	77.1	78.7	81.0	81.8	81.8	81.8	82.2	82.2	82.3	82.3	82.3	82.3	82.3
GE 3000	47.0	72.4	76.8	78.7	80.5	82.8	83.8	83.8	83.9	84.3	84.3	84.4	84.4	84.4	84.4	84.4
GE 2500	49.1	75.9	80.9	82.9	85.3	87.5	88.7	88.7	88.7	89.2	89.2	89.4	89.4	89.4	89.4	89.4
GE 2000	49.4	77.5	83.1	85.2	87.6	90.0	91.3	91.3	91.3	91.8	91.8	91.9	91.9	91.9	91.9	91.9
GE 1800	49.5	78.0	83.8	85.8	88.3	90.6	92.0	92.0	92.0	92.6	92.6	92.7	92.7	92.7	92.7	92.7
GE 1500	49.6	78.3	84.5	86.7	89.2	91.7	93.2	93.2	93.2	93.9	93.9	94.0	94.0	94.0	94.0	94.0
GE 1200	49.7	79.0	85.8	88.1	90.6	93.3	94.8	94.9	94.9	95.8	95.8	95.9	95.9	95.9	95.9	95.9
GE 1000	49.7	79.5	86.3	88.9	91.8	94.7	96.3	96.6	96.6	97.4	97.4	97.5	97.6	97.6	97.6	97.6
GE 900	49.7	79.6	86.5	89.1	92.0	94.9	96.6	96.8	96.8	97.6	97.6	97.7	97.8	97.8	97.8	97.8
GE 800	49.7	79.7	86.7	89.5	92.5	95.4	97.1	97.5	97.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7
GE 700	49.7	79.7	86.7	89.5	92.6	95.6	97.3	98.0	98.0	98.9	98.9	99.0	99.1	99.1	99.1	99.1
GE 600	49.7	79.7	86.7	89.5	92.6	95.6	97.3	98.0	98.0	99.1	99.1	99.2	99.4	99.4	99.4	99.4
GE 500	49.7	79.7	86.7	89.7	92.8	95.8	97.5	98.3	98.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7
GE 400	49.7	79.7	86.7	89.7	92.8	95.8	97.5	98.4	98.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9
GE 300	49.7	79.7	86.7	89.7	92.8	95.8	97.5	98.4	98.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 200	49.7	79.7	86.7	89.7	92.8	95.8	97.5	98.4	98.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	49.7	79.7	86.7	89.7	92.8	95.8	97.5	98.4	98.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 0	49.7	79.7	86.7	89.7	92.8	95.8	97.5	98.4	98.5	99.7	99.8	99.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 5/16	GE 1/4	GE 0
NO CEIL	35.8	51.3	53.4	55.5	56.6	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 20000	41.1	60.4	63.2	65.4	66.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	41.1	60.4	63.2	65.4	66.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	41.1	60.4	63.2	65.4	66.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	41.2	60.8	63.5	65.7	66.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	42.2	62.2	64.9	67.1	68.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	43.8	65.7	68.6	71.2	72.4	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 9000	44.3	66.9	69.8	72.4	73.5	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 8000	45.1	68.6	71.6	74.4	75.6	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000	45.6	69.8	73.0	75.9	77.1	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	45.8	70.1	73.4	76.3	77.5	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 5000	46.8	71.9	75.4	78.3	79.5	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4500	47.5	73.0	76.6	79.6	80.8	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4000	48.5	74.8	78.6	81.7	82.9	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3500	49.2	76.1	79.9	83.2	84.4	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3000	49.9	78.0	82.0	85.4	86.7	88.7	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	50.4	79.6	84.5	88.0	89.5	92.0	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	50.4	79.9	84.9	88.4	90.2	93.1	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	50.5	80.4	85.6	89.1	91.0	93.9	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1600	50.6	81.3	86.7	90.2	92.0	95.2	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	50.6	81.5	87.1	90.8	92.6	96.0	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	50.6	81.5	87.1	90.8	92.6	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 900	50.6	81.7	87.4	91.1	92.9	96.5	97.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 800	50.6	81.8	87.5	91.2	93.0	96.6	98.0	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 700	50.6	81.8	87.5	91.2	93.0	96.6	98.2	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	50.6	81.8	87.5	91.2	93.0	96.6	98.2	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 500	50.6	81.8	87.6	91.3	93.1	96.8	98.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 400	50.6	81.8	87.6	91.3	93.1	96.9	98.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	50.6	81.8	87.6	91.3	93.1	97.0	98.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	50.6	81.8	87.6	91.3	93.1	97.0	98.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	50.6	81.8	87.6	91.3	93.1	97.0	98.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	50.6	81.8	87.6	91.3	93.1	97.0	98.7	99.7	99.7	99.8	99.9	99.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: JUL 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 7/16	GE 1/4	GE 0
NO CEIL	37.5	54.3	58.2	60.1	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 20000	42.3	63.3	67.6	70.1	71.8	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 18000	42.3	63.3	67.6	70.1	71.8	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 16000	42.3	63.3	67.6	70.1	71.8	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 14000	42.4	63.4	67.7	70.2	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 12000	42.9	64.7	69.0	71.6	73.5	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 10000	44.1	67.5	72.2	74.8	76.9	78.3	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	44.4	68.1	73.1	75.8	77.8	79.2	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 8000	44.8	68.8	74.3	77.0	79.2	80.6	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 7000	45.1	69.4	74.8	77.5	79.8	81.2	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 6000	45.3	69.7	75.2	77.8	80.1	81.5	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 5000	46.3	72.0	77.5	80.3	82.6	84.0	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	47.2	73.4	79.7	82.6	84.8	86.2	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	48.1	74.7	81.1	84.0	86.2	87.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500	48.6	76.0	82.5	85.5	87.8	89.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	49.2	78.2	84.8	88.0	90.4	92.0	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	49.7	79.0	86.1	89.2	92.2	93.9	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	50.2	80.0	87.2	90.3	93.2	94.9	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	50.2	80.2	87.4	90.5	93.4	95.2	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	50.4	80.4	87.8	91.0	93.9	95.6	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	50.4	80.4	88.1	91.2	94.2	95.9	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	50.4	80.4	88.1	91.2	94.2	95.9	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	50.4	80.5	88.2	91.3	94.3	96.0	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	50.4	80.6	88.3	91.5	94.5	96.2	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	50.4	80.6	88.3	91.5	94.5	96.2	97.6	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	50.4	80.6	88.3	91.5	94.5	96.2	97.7	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	50.4	80.6	88.3	91.5	94.6	96.3	97.8	98.8	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2
GE 400	50.4	80.6	88.3	91.5	94.6	96.7	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 300	50.4	80.6	88.3	91.5	94.6	96.7	98.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	50.4	80.6	88.3	91.5	94.6	96.7	98.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	50.4	80.6	88.3	91.5	94.6	96.7	98.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 0	50.4	80.6	88.3	91.5	94.6	96.7	98.6	99.6	99.8	99.9	99.9	99.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	39.8	59.7	63.4	65.1	66.2	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 20000	41.3	65.6	70.0	72.6	73.8	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 18000	41.3	65.6	70.0	72.6	73.8	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 16000	41.3	65.6	70.0	72.6	73.8	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 14000	41.3	65.6	70.2	72.9	74.1	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 12000	41.5	65.8	70.4	73.1	74.3	74.7	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 10000	42.8	68.3	73.2	75.9	77.7	78.2	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 9000	42.8	68.6	73.7	76.7	78.5	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	43.8	69.9	75.3	78.4	80.5	81.0	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 7000	44.0	70.8	76.5	79.6	81.8	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 6000	44.2	71.4	77.1	80.3	82.6	83.0	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 5000	45.3	73.4	79.5	83.0	85.3	85.7	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500	45.7	74.8	81.3	84.9	87.3	87.7	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4000	46.0	75.6	82.0	85.9	88.3	88.7	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	46.3	76.7	83.2	87.2	89.6	90.0	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	47.2	79.0	86.1	90.1	92.7	93.1	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	47.5	80.4	87.7	92.2	94.8	95.3	96.2	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	48.0	81.1	88.5	92.9	95.6	96.0	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	48.0	81.2	88.6	93.0	95.7	96.1	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	48.0	81.6	89.0	93.4	96.2	96.7	97.7	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	48.0	81.7	89.1	93.7	96.6	97.1	98.3	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	48.0	81.7	89.2	93.8	96.7	97.2	98.4	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	48.0	81.7	89.2	93.8	96.7	97.3	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	48.0	81.7	89.2	93.9	96.8	97.4	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	48.0	81.7	89.2	93.9	96.8	97.4	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	48.0	81.7	89.2	93.9	96.8	97.4	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	48.0	81.7	89.2	93.9	96.8	97.4	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	48.0	81.7	89.2	93.9	97.1	97.7	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	48.0	81.7	89.2	93.9	97.1	97.7	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	48.0	81.7	89.2	93.9	97.1	97.7	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	48.0	81.7	89.2	93.9	97.1	97.7	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	48.0	81.7	89.2	93.9	97.1	97.7	99.1	99.7	99.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	33.3	51.1	54.5	57.0	58.7	59.9	60.9	61.2	61.3	61.4	61.5	61.5	61.5	61.5	61.6	61.6
GE 20000	36.2	57.0	61.0	64.1	65.9	67.4	68.6	69.1	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.4
GE 18000	36.2	57.0	61.0	64.1	65.9	67.4	68.6	69.0	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.4
GE 16000	36.2	57.0	61.0	64.1	65.9	67.4	68.6	69.0	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.4
GE 14000	36.3	57.2	61.3	64.4	66.2	67.7	68.9	69.3	69.3	69.5	69.6	69.6	69.7	69.7	69.7	69.7
GE 12000	36.6	57.7	61.9	65.0	66.9	68.3	69.6	70.0	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.4
GE 10000	37.7	60.2	64.7	68.2	70.4	72.1	73.4	73.8	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2
GE 9000	38.3	61.1	65.8	69.4	71.6	73.4	74.7	75.1	75.1	75.3	75.4	75.4	75.5	75.5	75.5	75.5
GE 8000	39.2	62.8	67.7	71.5	73.9	75.7	77.1	77.5	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9
GE 7000	39.6	63.8	68.8	72.7	75.2	77.1	78.4	78.9	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.4
GE 6000	39.9	64.3	69.4	73.3	75.8	77.8	79.1	79.6	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.1
GE 5000	40.7	65.8	71.1	75.2	77.8	79.7	81.1	81.6	81.7	81.9	82.0	82.0	82.1	82.1	82.1	82.1
GE 4500	41.0	66.7	72.2	76.5	79.2	81.2	82.7	83.2	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7
GE 4000	41.3	67.4	73.1	77.4	80.1	82.2	83.8	84.3	84.4	84.6	84.7	84.7	84.8	84.8	84.8	84.9
GE 3500	41.8	68.5	74.2	78.6	81.4	83.5	85.1	85.7	85.7	86.0	86.1	86.2	86.2	86.2	86.3	86.3
GE 3000	42.4	70.0	76.1	80.7	83.5	85.6	87.4	88.1	88.1	88.5	88.6	88.6	88.7	88.7	88.7	88.7
GE 2500	43.1	71.6	78.0	82.7	85.8	88.0	89.9	90.6	90.7	91.1	91.2	91.2	91.3	91.3	91.3	91.3
GE 2000	43.4	72.5	79.0	83.8	86.9	89.3	91.3	92.0	92.1	92.5	92.6	92.6	92.7	92.7	92.7	92.7
GE 1800	43.5	72.9	79.4	84.3	87.4	89.8	91.9	92.6	92.6	93.1	93.2	93.2	93.3	93.3	93.3	93.3
GE 1500	43.7	73.4	80.2	85.1	88.3	90.7	92.8	93.6	93.7	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 1200	43.8	74.1	81.1	86.1	89.4	92.0	94.2	95.0	95.1	95.6	95.6	95.7	95.7	95.7	95.8	95.8
GE 1000	43.9	74.3	81.3	86.5	89.8	92.5	94.7	95.6	95.7	96.2	96.3	96.3	96.4	96.4	96.4	96.4
GE 900	43.9	74.4	81.5	86.7	90.1	92.7	95.1	96.0	96.1	96.6	96.7	96.7	96.8	96.8	96.8	96.8
GE 800	43.9	74.7	81.8	87.1	90.5	93.2	95.6	96.5	96.6	97.1	97.2	97.2	97.3	97.3	97.3	97.4
GE 700	43.9	74.7	81.9	87.2	90.7	93.4	95.9	97.0	97.1	97.6	97.7	97.7	97.8	97.8	97.9	97.9
GE 600	43.9	74.7	81.9	87.3	90.8	93.5	96.0	97.2	97.3	97.8	97.9	98.0	98.1	98.1	98.1	98.1
GE 500	43.9	74.8	82.0	87.5	91.0	93.8	96.4	97.6	97.7	98.3	98.4	98.4	98.5	98.5	98.5	98.5
GE 400	43.9	74.8	82.1	87.5	91.1	94.0	96.8	98.0	98.1	98.8	98.9	98.9	99.0	99.0	99.0	99.0
GE 300	43.9	74.8	82.1	87.5	91.2	94.3	97.1	98.3	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 200	43.9	74.8	82.1	87.5	91.2	94.3	97.1	98.4	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.9
GE 100	43.9	74.8	82.1	87.5	91.2	94.3	97.1	98.4	98.5	99.3	99.5	99.6	99.7	99.8	99.8	99.9
GE 0	43.9	74.8	82.1	87.5	91.2	94.3	97.1	98.4	98.5	99.3	99.5	99.6	99.7	99.8	99.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: AUG 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	27.7	48.7	52.8	58.9	61.3	61.9	62.9	63.2	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.7
GE 20000	29.5	52.3	56.7	64.5	67.3	68.0	68.9	69.2	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.7
GE 18000	29.5	52.3	56.7	64.5	67.3	68.0	68.9	69.2	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.7
GE 16000	29.5	52.3	56.7	64.5	67.3	68.0	68.9	69.2	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.7
GE 14000	29.5	52.5	56.9	64.7	67.5	68.2	69.1	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.9
GE 12000	30.0	53.8	58.2	66.1	68.9	69.6	70.5	70.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.3
GE 10000	31.3	56.5	61.5	70.2	73.2	73.9	74.8	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.6
GE 9000	31.5	57.1	62.3	71.1	74.1	74.7	75.7	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.5
GE 8000	31.8	57.8	63.5	72.9	76.1	76.8	78.0	78.4	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.8
GE 7000	32.2	59.4	65.1	74.7	78.0	78.7	79.9	80.3	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.8
GE 6000	32.4	59.9	65.8	75.6	78.9	79.7	80.9	81.3	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.7
GE 5000	33.0	61.3	67.2	77.0	80.3	81.1	82.4	82.8	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.2
GE 4500	33.9	63.0	69.1	79.0	82.4	83.1	84.4	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.3
GE 4000	34.0	63.4	69.6	79.5	82.9	83.7	84.9	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.8
GE 3500	34.3	64.7	71.1	81.3	84.8	85.6	86.9	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.7
GE 3000	34.8	66.3	73.4	84.1	87.7	88.5	89.9	90.4	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.9
GE 2500	35.4	67.2	74.6	85.8	89.6	90.3	91.7	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.7
GE 2000	35.9	68.1	75.7	86.9	90.9	91.7	93.2	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.2
GE 1800	36.1	68.3	76.0	87.2	91.2	92.0	93.5	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.5
GE 1500	36.1	68.4	76.2	87.4	91.4	92.3	94.3	94.8	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.3
GE 1200	36.3	68.9	76.8	88.1	92.0	92.9	95.1	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	96.0
GE 1000	36.3	69.5	77.3	88.6	92.7	93.5	96.0	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.2
GE 900	36.3	69.5	77.3	88.6	92.7	93.5	96.0	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.2
GE 800	36.3	69.5	77.4	88.8	93.0	93.9	96.6	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.7
GE 700	36.3	69.5	77.4	88.9	93.1	94.0	96.9	97.5	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.1
GE 600	36.5	69.6	77.5	89.1	93.5	94.4	97.3	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.5
GE 500	36.5	69.7	77.6	89.2	93.9	94.7	97.6	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8
GE 400	36.5	69.8	77.7	89.4	94.0	94.8	97.8	98.5	98.5	98.8	98.9	98.9	98.9	98.9	99.0	99.1
GE 300	36.5	69.8	77.7	89.4	94.1	94.9	98.0	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.1	99.2
GE 200	36.5	69.8	77.7	89.5	94.2	95.1	98.1	98.7	98.7	99.4	99.5	99.5	99.5	99.5	99.8	99.9
GE 100	36.5	69.8	77.7	89.5	94.2	95.1	98.1	98.7	98.7	99.4	99.5	99.5	99.5	99.5	99.8	99.9
GE 0	36.5	69.8	77.7	89.5	94.2	95.1	98.1	98.7	98.7	99.4	99.5	99.5	99.5	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: AUG 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	20.3	36.9	40.9	47.7	51.3	52.3	54.3	54.4	54.4	54.8	55.5	55.6	55.7	55.7	56.1	56.1
GE 20000	21.6	40.0	44.9	53.1	56.9	58.4	60.9	61.0	61.0	61.6	62.3	62.3	62.5	62.5	62.9	62.9
GE 18000	21.6	40.0	44.9	53.1	56.9	58.4	60.9	61.0	61.0	61.6	62.3	62.3	62.5	62.5	62.9	62.9
GE 16000	21.6	40.0	44.9	53.1	56.9	58.4	60.9	61.0	61.0	61.6	62.3	62.3	62.5	62.5	62.9	62.9
GE 14000	21.6	40.1	45.1	53.2	57.0	58.5	61.0	61.1	61.1	61.7	62.4	62.4	62.6	62.6	63.0	63.0
GE 12000	22.0	41.6	46.6	54.7	58.7	60.2	62.9	62.9	62.9	63.5	64.2	64.2	64.4	64.4	64.8	64.8
GE 10000	22.6	44.3	49.4	58.5	63.0	64.5	67.2	67.5	67.5	68.2	68.8	68.8	69.0	69.0	69.5	69.5
GE 9000	23.0	45.1	50.3	59.6	64.2	65.7	68.4	68.7	68.7	69.4	70.0	70.0	70.2	70.2	70.6	70.6
GE 8000	23.7	46.5	52.3	61.6	66.5	68.0	70.6	71.3	71.3	71.9	72.6	72.6	72.8	72.8	73.2	73.2
GE 7000	24.0	47.7	54.0	63.5	68.4	69.9	72.8	73.4	73.4	74.1	74.7	74.7	74.9	74.9	75.4	75.4
GE 6000	24.2	48.9	55.2	64.9	69.8	71.3	74.2	74.8	74.8	75.5	76.1	76.1	76.3	76.3	76.8	76.8
GE 5000	24.5	50.0	56.7	66.7	71.5	73.0	75.9	76.6	76.6	77.2	77.8	77.8	78.1	78.1	78.5	78.5
GE 4500	25.1	51.6	58.7	68.8	73.7	75.2	78.2	78.8	78.8	79.5	80.1	80.1	80.3	80.3	80.8	80.8
GE 4000	25.3	51.9	59.0	69.2	74.1	75.6	78.7	79.4	79.4	80.0	80.8	80.8	81.0	81.0	81.4	81.4
GE 3500	25.6	53.8	61.0	71.2	76.2	77.7	81.1	81.7	81.7	82.4	83.1	83.1	83.3	83.3	83.8	83.8
GE 3000	26.2	55.3	62.9	73.7	79.2	80.8	84.4	85.1	85.1	85.7	86.5	86.5	86.7	86.7	87.1	87.1
GE 2500	26.6	55.8	63.7	74.9	80.9	82.4	86.0	86.8	86.8	87.4	88.2	88.2	88.4	88.4	88.8	88.8
GE 2000	26.8	56.9	64.7	76.2	82.2	83.6	87.4	88.2	88.2	88.8	89.6	89.6	89.8	89.8	90.2	90.2
GE 1800	26.9	57.0	64.8	76.3	82.3	83.9	87.5	88.3	88.3	88.9	89.7	89.7	89.9	89.9	90.3	90.3
GE 1500	26.9	57.2	65.2	76.7	82.7	84.3	88.0	88.7	88.7	89.4	90.1	90.1	90.3	90.3	90.8	90.8
GE 1200	26.9	57.3	65.3	77.0	83.1	84.7	88.6	89.4	89.4	90.0	90.8	90.8	91.0	91.0	91.4	91.4
GE 1000	26.9	57.5	65.6	77.4	83.5	85.2	89.4	90.1	90.1	90.8	91.5	91.5	91.7	91.7	92.2	92.2
GE 900	26.9	57.5	65.6	77.6	84.1	85.7	89.9	90.6	90.6	91.3	92.0	92.0	92.3	92.3	92.7	92.7
GE 800	26.9	57.6	65.7	77.7	84.3	85.9	90.1	90.9	90.9	91.5	92.3	92.3	92.5	92.5	92.9	92.9
GE 700	26.9	58.1	66.2	78.6	85.4	87.0	91.3	92.0	92.0	92.7	93.4	93.4	93.7	93.7	94.1	94.1
GE 600	26.9	58.1	66.2	78.6	86.0	87.6	92.0	92.8	92.8	93.4	94.2	94.2	94.4	94.4	94.8	94.8
GE 500	26.9	58.1	66.2	78.9	86.6	88.2	92.9	93.6	93.9	94.6	95.4	95.4	95.6	95.6	96.0	96.0
GE 400	26.9	58.1	66.2	78.9	86.7	88.5	93.6	94.7	94.7	95.5	96.2	96.2	96.5	96.5	96.9	96.9
GE 300	26.9	58.1	66.2	78.9	86.7	88.5	93.7	95.2	95.2	96.0	96.8	96.8	97.0	97.0	97.7	97.7
GE 200	26.9	58.1	66.2	78.9	86.7	88.5	93.7	95.3	95.4	96.3	97.1	97.1	97.4	97.4	98.2	98.5
GE 100	26.9	58.1	66.2	78.9	86.7	88.5	93.8	95.4	95.5	96.6	97.3	97.3	97.6	97.7	98.7	99.7
GE 0	26.9	58.1	66.2	78.9	86.7	88.5	93.8	95.4	95.5	96.6	97.3	97.3	97.6	97.7	98.7	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: AUG 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 5/16	GE 1/4	GE 0
NO CEIL	15.4	26.9	29.6	32.0	34.0	37.2	41.8	45.4	45.4	46.8	46.9	46.9	47.7	47.7	48.3	48.8
GE 20000	15.8	28.4	31.2	33.9	36.7	41.6	47.0	50.6	50.6	52.0	52.7	52.7	53.5	53.5	54.1	54.7
GE 18000	15.8	28.4	31.2	33.9	36.7	41.6	47.0	50.6	50.6	52.0	52.7	52.7	53.5	53.5	54.1	54.7
GE 16000	15.8	28.4	31.2	33.9	36.7	41.6	47.0	50.6	50.6	52.0	52.7	52.7	53.5	53.5	54.1	54.7
GE 14000	15.8	28.5	31.3	34.1	36.9	41.8	47.2	50.9	50.9	52.3	52.9	52.9	53.8	53.8	54.3	54.9
GE 12000	16.0	29.1	31.9	34.9	38.0	43.1	48.5	52.2	52.2	53.5	54.2	54.2	55.1	55.1	55.6	56.2
GE 10000	16.2	30.5	33.5	36.9	40.3	45.9	51.5	55.5	55.5	57.2	57.8	57.8	58.7	58.7	59.2	60.1
GE 9000	16.3	31.1	34.6	38.0	41.7	47.6	53.4	57.5	57.5	59.5	60.1	60.1	61.0	61.0	61.5	62.4
GE 8000	17.4	33.2	37.0	40.6	44.8	51.0	57.0	61.2	61.2	63.1	63.8	63.8	64.6	64.6	65.2	66.0
GE 7000	18.2	34.8	38.9	43.1	47.8	54.1	60.1	64.6	64.6	66.7	67.3	67.3	68.2	68.2	68.7	69.6
GE 6000	18.3	35.3	39.4	43.5	48.4	54.8	60.9	65.4	65.4	67.4	68.1	68.1	68.9	68.9	69.5	70.3
GE 5000	18.5	35.7	39.8	44.4	49.6	56.0	62.2	66.7	66.7	68.7	69.4	69.4	70.2	70.2	70.8	71.6
GE 4500	18.7	36.3	40.8	45.7	50.9	57.5	63.7	68.3	68.3	70.4	71.1	71.1	71.9	71.9	72.5	73.3
GE 4000	18.9	36.8	41.4	46.6	51.9	58.7	64.9	69.6	69.6	71.7	72.4	72.4	73.2	73.2	73.8	74.6
GE 3500	19.1	37.6	42.4	47.5	53.1	60.2	66.6	71.3	71.3	73.4	74.1	74.1	74.9	74.9	75.5	76.3
GE 3000	19.4	38.2	43.2	48.8	54.5	62.0	68.9	74.0	74.0	76.1	76.8	76.8	77.6	77.6	78.2	79.0
GE 2500	19.6	38.6	44.0	49.8	55.7	63.3	70.5	76.0	76.1	78.3	79.0	79.0	79.9	79.9	80.4	81.3
GE 2000	19.9	39.2	44.9	51.0	57.0	64.7	72.2	78.0	78.1	80.2	81.0	81.0	81.8	81.8	82.4	83.2
GE 1800	20.2	39.6	45.3	51.4	57.7	65.5	72.9	78.7	78.8	81.0	81.7	81.7	82.6	82.6	83.1	84.0
GE 1500	20.3	40.2	46.1	52.4	58.7	66.6	74.0	79.6	79.9	82.0	82.8	82.8	83.7	83.7	84.2	85.1
GE 1200	20.5	41.3	47.2	53.7	60.1	68.2	75.9	81.8	81.9	84.1	84.8	84.8	85.7	85.7	86.2	87.1
GE 1000	20.5	41.6	47.5	54.3	61.0	69.0	76.9	82.9	83.0	85.2	86.1	86.1	87.0	87.0	87.5	88.4
GE 900	20.5	41.6	47.7	54.5	61.4	69.5	77.3	83.3	83.4	85.6	86.6	86.6	87.4	87.4	88.0	88.8
GE 800	20.5	41.8	47.8	54.6	61.6	69.8	77.8	83.9	84.0	86.2	87.2	87.2	88.2	88.2	88.7	89.6
GE 700	20.5	42.0	48.2	55.1	62.3	70.4	78.7	84.8	84.9	87.3	88.3	88.3	89.2	89.2	89.8	90.6
GE 600	20.5	42.0	48.3	55.2	62.4	70.9	79.1	85.5	85.6	88.0	88.9	88.9	89.9	89.9	90.4	91.3
GE 500	20.5	42.0	48.3	55.2	62.4	71.0	79.8	86.8	86.9	89.7	90.6	90.6	91.8	91.8	92.4	93.2
GE 400	20.5	42.0	48.3	55.3	62.5	71.1	80.0	87.1	87.2	90.3	91.4	91.4	92.7	92.7	93.3	94.2
GE 300	20.5	42.0	48.3	55.3	62.5	71.1	80.2	87.5	87.6	91.1	92.6	92.6	94.1	94.1	94.8	95.8
GE 200	20.5	42.0	48.3	55.3	62.5	71.1	80.2	87.6	87.7	91.6	93.3	93.3	94.9	95.1	95.9	97.6
GE 100	20.5	42.0	48.3	55.3	62.5	71.1	80.2	87.6	87.7	91.6	93.3	93.3	94.9	95.1	96.1	99.1
GE 0	20.5	42.0	48.3	55.3	62.5	71.1	80.2	87.6	87.7	91.6	93.3	93.3	94.9	95.1	96.1	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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: AUG 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	23.2	37.7	41.5	43.5	46.0	47.5	50.1	50.9	50.9	51.2	51.3	51.3	51.4	51.4	51.4	51.4
GE 20000	24.3	40.8	44.7	47.3	50.2	52.3	55.2	55.9	55.9	56.3	56.5	56.5	56.6	56.6	56.6	56.6
GE 18000	24.3	40.8	44.7	47.3	50.2	52.3	55.2	55.9	55.9	56.3	56.5	56.5	56.6	56.6	56.6	56.6
GE 16000	24.3	40.8	44.7	47.3	50.2	52.3	55.2	55.9	55.9	56.3	56.5	56.5	56.6	56.6	56.6	56.6
GE 14000	24.5	41.2	45.2	47.8	50.8	52.8	55.8	56.6	56.6	57.0	57.1	57.1	57.2	57.2	57.2	57.2
GE 12000	24.8	41.9	45.9	48.6	51.5	53.8	56.8	57.5	57.5	58.0	58.1	58.1	58.2	58.2	58.2	58.2
GE 10000	25.5	43.4	47.6	50.4	53.7	56.5	59.7	60.4	60.4	60.9	61.0	61.0	61.1	61.1	61.1	61.1
GE 9000	25.6	44.2	48.8	51.6	55.3	58.2	61.7	62.5	62.5	62.9	63.0	63.0	63.1	63.1	63.1	63.1
GE 8000	26.7	47.0	52.0	55.1	59.1	62.7	66.2	67.1	67.1	67.5	67.6	67.6	67.7	67.7	67.7	67.7
GE 7000	27.0	48.5	53.7	57.1	61.4	65.2	68.8	69.7	69.7	70.1	70.2	70.2	70.3	70.3	70.3	70.3
GE 6000	27.0	48.6	53.8	57.2	61.5	65.4	69.0	69.9	69.9	70.3	70.4	70.4	70.5	70.5	70.5	70.5
GE 5000	27.3	49.7	54.9	58.5	62.9	67.0	70.9	71.7	71.7	72.2	72.3	72.3	72.4	72.4	72.4	72.4
GE 4500	27.6	50.4	55.7	59.4	63.8	68.0	71.9	72.8	72.8	73.2	73.3	73.3	73.4	73.4	73.4	73.4
GE 4000	28.3	51.5	56.9	60.5	64.9	69.5	73.5	74.4	74.4	74.8	74.9	74.9	75.1	75.1	75.1	75.1
GE 3500	28.7	52.4	57.8	61.6	66.0	70.9	74.9	75.8	75.8	76.2	76.3	76.3	76.5	76.5	76.5	76.5
GE 3000	28.8	52.8	58.6	62.7	67.2	72.3	76.7	77.6	77.6	78.1	78.2	78.2	78.3	78.3	78.3	78.3
GE 2500	29.6	53.9	59.8	64.0	68.8	74.0	78.5	79.7	79.9	80.3	80.4	80.4	80.5	80.5	80.5	80.5
GE 2000	30.3	55.3	61.4	65.8	70.9	76.1	80.6	81.9	82.2	82.6	82.7	82.7	82.8	82.8	82.8	82.8
GE 1800	30.4	55.9	62.4	66.9	72.2	77.5	82.2	83.4	83.7	84.1	84.2	84.2	84.3	84.3	84.3	84.3
GE 1500	31.3	56.9	63.9	68.4	74.1	79.7	84.5	85.8	86.0	86.5	86.6	86.6	86.7	86.7	86.7	86.7
GE 1200	31.5	57.6	64.8	69.6	75.8	81.9	87.1	88.4	89.6	89.0	89.1	89.1	89.2	89.2	89.2	89.2
GE 1000	31.5	58.1	65.6	70.4	76.7	83.1	88.6	90.0	92.2	90.6	90.8	90.8	90.9	90.9	90.9	90.9
GE 900	31.5	58.1	65.6	70.5	77.0	83.4	89.0	90.4	90.6	91.1	91.2	91.2	91.3	91.3	91.3	91.3
GE 800	31.5	58.3	65.9	71.2	77.6	84.2	90.5	91.9	92.3	92.6	92.9	92.9	93.0	93.0	93.0	93.0
GE 700	31.5	58.5	66.1	71.5	78.1	84.9	91.5	93.4	93.8	94.3	94.4	94.4	94.5	94.5	94.5	94.5
GE 600	31.5	58.5	66.2	71.6	78.2	85.1	92.5	94.6	95.2	95.7	95.8	95.8	95.9	95.9	95.9	95.9
GE 500	31.5	58.5	66.3	71.7	78.3	85.3	93.1	96.3	96.7	97.5	97.7	97.7	97.8	97.8	97.8	97.8
GE 400	31.5	58.5	66.3	71.7	78.3	85.3	93.3	97.0	97.3	98.3	98.5	98.5	98.8	98.8	98.8	98.8
GE 300	31.5	58.5	66.3	71.7	78.3	85.3	93.3	97.1	97.4	98.9	99.2	99.2	99.6	99.6	99.6	99.6
GE 200	31.5	58.5	66.3	71.7	78.3	85.3	93.3	97.1	97.4	98.9	99.2	99.2	99.6	99.6	99.9	99.9
GE 100	31.5	58.5	66.3	71.7	78.3	85.3	93.3	97.1	97.4	98.9	99.2	99.2	99.6	99.7	100.0	100.0
GE 0	31.5	58.5	66.3	71.7	78.3	85.3	93.3	97.1	97.4	98.9	99.2	99.2	99.6	99.7	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 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	30.6	41.0	42.9	45.9	47.3	48.1	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	34.2	48.1	50.6	54.3	56.5	57.4	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 18000	34.2	48.1	50.6	54.3	56.5	57.4	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 16000	34.2	48.1	50.6	54.3	56.5	57.4	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 14000	34.2	48.2	50.8	54.4	56.6	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 12000	34.5	48.6	51.3	54.9	57.2	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 10000	35.3	50.1	53.1	56.8	59.1	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000	35.9	51.5	54.7	58.9	61.4	63.0	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000	37.1	55.4	58.8	63.1	65.8	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 7000	37.2	56.2	59.9	64.6	67.3	68.9	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	37.4	56.7	60.6	65.5	68.2	69.8	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 5000	37.7	57.3	61.4	66.5	69.1	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	38.8	59.5	63.7	68.7	71.5	73.1	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	39.0	60.6	65.3	70.5	73.5	75.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3500	39.6	61.9	66.6	71.8	75.1	76.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3000	40.1	63.5	68.5	74.1	77.3	79.1	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	42.5	68.0	73.7	79.8	83.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000	43.2	70.2	76.8	83.3	87.3	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1800	43.2	70.8	77.5	84.1	88.1	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	43.3	71.3	78.3	84.8	89.2	91.6	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200	43.3	71.5	78.6	85.3	90.6	93.9	95.4	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	43.3	72.0	79.5	86.1	91.6	94.9	96.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	43.3	72.0	79.5	86.2	91.7	95.2	96.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	43.3	72.0	79.5	86.2	91.8	95.5	97.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	43.3	72.2	79.6	86.3	92.0	95.9	97.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	43.3	72.4	79.8	86.6	92.3	96.1	98.1	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	43.3	72.4	79.8	86.7	92.4	96.2	98.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	43.3	72.4	79.8	86.7	92.4	96.2	98.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	43.3	72.4	79.8	86.7	92.4	96.2	98.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	43.3	72.4	79.8	86.7	92.4	96.2	98.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	43.3	72.4	79.8	86.7	92.4	96.2	98.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	43.3	72.4	79.8	86.7	92.4	96.2	98.2	99.7	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: AUG 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 7/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.0	44.3	47.5	50.4	51.5	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 20000	34.4	51.6	55.7	58.9	60.3	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 18000	34.4	51.6	55.7	58.9	60.3	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 16000	34.4	51.6	55.7	58.9	60.3	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 14000	34.4	51.7	55.8	59.0	60.4	61.5	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	35.1	52.4	56.6	59.9	61.3	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	37.0	55.8	61.0	64.5	65.9	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 9000	37.6	56.9	62.2	66.0	67.4	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 8000	38.5	59.2	64.9	68.6	70.3	71.8	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	39.2	61.0	66.7	70.5	72.2	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 6000	39.4	61.3	67.3	71.2	72.8	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 5000	40.2	63.4	69.6	73.5	75.2	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4500	41.2	65.1	71.5	75.5	77.1	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4000	41.4	65.8	72.4	76.6	78.5	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3500	42.4	67.6	74.5	78.7	80.8	82.5	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3000	43.0	69.7	77.5	82.3	84.4	86.6	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	43.9	72.6	81.3	86.3	88.8	91.4	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	44.4	74.3	83.3	88.5	91.2	94.2	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1800	44.5	75.4	84.5	89.8	92.7	95.7	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500	44.8	75.7	84.9	90.4	93.4	96.6	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	44.8	75.8	85.5	91.0	94.1	97.6	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	44.8	75.9	85.7	91.2	94.4	98.0	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	44.8	75.9	85.7	91.2	94.4	98.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	44.8	75.9	85.7	91.2	94.5	98.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	44.8	75.9	85.7	91.2	94.5	98.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	44.8	75.9	85.7	91.2	94.6	98.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	44.8	75.9	85.7	91.2	94.6	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	44.8	75.9	85.7	91.2	94.6	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	44.8	75.9	85.7	91.2	94.6	98.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	44.8	75.9	85.7	91.2	94.6	98.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	44.8	75.9	85.7	91.2	94.6	98.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	44.8	75.9	85.7	91.2	94.6	98.2	99.5	99.8	99.8	99.9	99.9	99.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 0
NO CEIL	30.6	48.5	52.9	55.3	56.9	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 20000	34.1	54.2	60.3	63.2	65.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	34.1	54.2	60.3	63.2	65.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	34.3	54.4	60.5	63.4	65.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 14000	34.4	54.5	60.6	63.5	65.6	67.6	69.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 12000	35.8	56.3	62.6	65.5	67.5	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 10000	37.1	59.4	66.3	69.6	71.7	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 9000	38.0	60.6	68.0	71.3	73.5	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	38.8	63.0	70.4	73.8	76.0	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	38.8	63.9	71.8	75.2	77.5	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 6000	39.4	64.5	72.9	76.2	78.6	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000	41.3	67.3	75.8	79.2	81.6	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	42.2	69.2	78.1	81.6	84.0	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	42.7	70.0	78.8	82.4	84.8	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3500	43.0	71.5	80.4	84.2	86.9	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3000	43.5	72.9	82.2	85.9	89.2	92.4	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	44.1	74.2	83.5	86.1	91.6	94.9	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	44.5	75.3	84.6	89.2	92.8	96.2	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	44.5	75.7	85.1	89.8	93.3	96.8	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1600	44.5	75.7	85.1	89.8	93.4	96.9	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 1400	44.5	75.8	85.2	90.1	93.9	97.3	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 1200	44.5	75.9	85.3	90.2	94.0	97.4	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 1000	44.5	75.9	85.3	90.2	94.0	97.5	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 900	44.5	75.9	85.3	90.2	94.0	97.5	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
GE 800	44.5	75.9	85.3	90.2	94.0	97.5	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
GE 700	44.5	75.9	85.3	90.2	94.0	97.5	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
GE 600	44.5	75.9	85.3	90.2	94.0	97.5	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
GE 500	44.5	75.9	85.3	90.2	94.0	97.5	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 400	44.5	75.9	85.3	90.2	94.0	97.5	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	44.5	75.9	85.3	90.3	94.1	97.6	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	44.5	75.9	85.3	90.3	94.1	97.6	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	44.5	75.9	85.3	90.3	94.1	97.6	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	44.5	75.9	85.3	90.3	94.1	97.6	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	32.2	53.0	59.1	62.2	63.5	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	35.4	58.0	64.9	68.5	70.4	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 18000	35.4	58.0	64.9	68.5	70.4	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 16000	35.4	58.0	64.9	68.5	70.4	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000	35.4	58.0	64.9	68.5	70.4	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 12000	36.9	59.8	66.8	70.3	72.3	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	37.7	62.9	70.1	73.7	75.9	76.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 9000	38.3	63.4	71.0	74.6	76.9	77.7	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 8000	39.2	65.0	74.0	78.1	80.4	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 7000	39.5	66.9	75.1	79.4	81.7	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 6000	39.9	67.6	76.5	80.8	83.1	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 5000	40.9	69.0	77.7	82.3	84.8	85.7	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500	41.7	70.8	79.7	84.2	86.8	87.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 4000	41.9	71.2	80.3	85.1	87.7	88.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3500	42.4	72.3	81.8	86.7	89.5	90.3	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	42.5	72.8	82.6	88.2	91.0	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	43.1	74.1	84.6	90.9	93.9	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	43.2	74.6	85.2	91.7	94.7	95.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	43.2	74.8	85.4	91.9	94.9	95.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	43.4	75.5	86.1	92.7	95.7	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	43.5	75.7	86.3	92.9	95.9	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	43.5	75.8	86.5	93.0	96.0	97.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	43.5	75.8	86.5	93.0	96.2	97.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	43.7	76.0	86.8	93.3	96.6	97.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	43.7	76.0	86.8	93.3	96.6	97.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	43.7	76.0	86.8	93.3	96.6	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	43.7	76.0	86.8	93.3	96.6	97.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	43.7	76.0	86.9	93.4	96.7	97.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	43.7	76.0	86.9	93.4	96.7	97.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	43.7	76.0	86.9	93.4	96.7	97.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	43.7	76.0	86.9	93.4	96.7	97.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	43.7	76.0	86.9	93.4	96.7	97.7	99.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: AUG 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	26.4	42.1	45.8	49.5	51.5	52.7	54.2	54.8	54.8	55.1	55.2	55.2	55.3	55.3	55.5	55.6
GE 20000	28.7	46.7	51.1	55.5	57.9	59.7	61.4	62.0	62.0	62.3	62.5	62.5	62.6	62.6	62.8	62.9
GE 18000	28.7	46.7	51.1	55.5	57.9	59.7	61.4	62.0	62.0	62.3	62.5	62.5	62.6	62.6	62.8	62.9
GE 16000	28.7	46.7	51.2	55.5	58.0	59.7	61.4	62.0	62.0	62.3	62.5	62.5	62.7	62.7	62.8	62.9
GE 14000	28.7	46.8	51.3	55.7	58.1	59.9	61.6	62.2	62.2	62.5	62.7	62.7	62.9	62.9	63.0	63.1
GE 12000	29.4	47.9	52.5	56.9	59.4	61.2	62.9	63.5	63.5	63.9	64.1	64.1	64.2	64.2	64.3	64.4
GE 10000	30.3	50.4	55.3	60.1	62.9	64.9	66.7	67.4	67.4	67.7	67.9	67.9	68.1	68.1	68.2	68.3
GE 9000	30.8	51.2	56.5	61.4	64.3	66.4	68.3	69.0	69.0	69.4	69.6	69.6	69.7	69.7	69.9	70.0
GE 8000	31.7	53.5	59.1	64.2	67.4	69.7	71.6	72.4	72.4	72.8	73.0	73.0	73.2	73.2	73.3	73.4
GE 7000	32.0	54.8	60.6	66.0	69.3	71.6	73.6	74.4	74.4	74.9	75.1	75.1	75.2	75.2	75.3	75.4
GE 6000	32.2	55.4	61.4	66.9	70.2	72.5	74.5	75.3	75.3	75.8	76.0	76.0	76.1	76.1	76.2	76.4
GE 5000	32.9	56.7	62.9	68.5	71.9	74.3	76.4	77.2	77.2	77.6	77.8	77.8	77.9	77.9	78.1	78.2
GE 4500	33.6	58.2	64.7	70.4	73.9	76.3	78.3	79.2	79.2	79.6	79.8	79.8	79.9	79.9	80.1	80.2
GE 4000	33.9	58.9	65.5	71.3	74.8	77.4	79.5	80.4	80.4	80.8	81.0	81.0	81.2	81.2	81.3	81.4
GE 3500	34.4	60.2	66.9	72.9	76.5	79.2	81.4	82.3	82.3	82.7	82.9	82.9	83.1	83.1	83.2	83.3
GE 3000	34.9	61.4	68.6	75.0	78.8	81.7	84.0	84.9	84.9	85.4	85.6	85.6	85.8	85.8	85.9	86.0
GE 2500	35.6	63.3	70.6	77.4	81.6	84.5	87.0	88.0	88.0	88.5	88.7	88.7	88.9	88.9	89.0	89.1
GE 2000	36.0	64.2	72.1	79.1	83.4	86.5	89.0	90.0	90.1	90.5	90.8	90.8	90.9	90.9	91.0	91.1
GE 1800	36.1	64.7	72.6	79.7	84.0	87.2	89.8	90.8	90.9	91.3	91.5	91.5	91.7	91.7	91.8	91.9
GE 1600	36.3	65.1	73.2	80.3	84.8	88.1	90.8	91.9	92.0	92.4	92.7	92.7	92.8	92.8	92.9	93.1
GE 1400	36.4	65.5	73.7	80.9	85.7	89.2	92.2	93.3	93.4	93.9	94.1	94.1	94.2	94.2	94.4	94.5
GE 1200	36.4	65.6	74.1	81.4	86.2	89.6	93.0	94.3	94.3	94.8	95.1	95.1	95.2	95.2	95.3	95.5
GE 1000	36.4	65.8	74.1	81.5	86.4	90.0	93.3	94.6	94.6	95.1	95.4	95.4	95.5	95.5	95.6	95.8
GE 900	36.5	65.9	74.3	81.7	86.7	90.3	93.7	95.1	95.1	95.6	95.9	95.9	96.1	96.1	96.2	96.3
GE 800	36.5	66.0	74.4	81.9	87.0	90.7	94.2	95.7	95.7	96.3	96.5	96.5	96.7	96.7	96.8	96.9
GE 700	36.5	66.0	74.5	82.0	87.2	90.9	94.6	96.1	96.2	96.7	97.0	97.0	97.2	97.2	97.3	97.4
GE 600	36.5	66.1	74.5	82.1	87.3	91.1	95.0	96.7	96.8	97.4	97.7	97.7	97.9	97.9	98.0	98.1
GE 400	36.5	66.1	74.5	82.1	87.4	91.2	95.2	97.0	97.1	97.8	98.1	98.1	98.3	98.3	98.4	98.6
GE 300	36.5	66.1	74.5	82.1	87.4	91.2	95.3	97.2	97.2	98.1	98.4	98.4	98.7	98.7	98.9	99.0
GE 200	36.5	66.1	74.5	82.1	87.4	91.2	95.3	97.2	97.3	98.2	98.6	98.6	98.9	98.9	99.2	99.5
GE 100	36.5	66.1	74.5	82.1	87.4	91.2	95.3	97.2	97.3	98.3	98.6	98.6	98.9	99.0	99.3	99.8
GE 0	36.5	66.1	74.5	82.1	87.4	91.2	95.3	97.2	97.3	98.3	98.6	98.6	98.9	99.0	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 5/16	GE 1/4	GE 0
NO CEIL	35.8	54.4	56.9	58.7	62.6	61.1	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.8	61.9	61.9
GE 20000	36.6	57.4	60.4	62.6	64.4	65.0	65.3	65.4	65.4	65.4	65.6	65.6	65.6	65.7	65.8	65.8
GE 18000	36.7	57.6	60.6	62.7	64.6	65.1	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.8	65.9	65.9
GE 16000	36.7	57.6	60.6	62.7	64.6	65.1	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.8	65.9	65.9
GE 14000	36.7	57.6	60.7	62.8	64.7	65.2	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.9	66.0	66.0
GE 12000	37.4	58.9	62.1	64.2	66.1	66.7	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.3	67.4	67.4
GE 10000	39.0	60.7	63.9	66.0	68.0	68.6	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.6	69.6
GE 9000	39.9	62.1	65.3	67.4	69.4	70.2	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.9	71.0	71.0
GE 8000	40.4	63.2	66.6	68.7	70.7	71.4	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.2	72.2
GE 7000	41.0	64.8	68.3	70.4	72.6	73.3	73.7	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.1	74.1
GE 6000	41.2	65.4	69.0	71.1	73.3	74.1	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.8	74.9	74.9
GE 5000	42.6	68.7	72.6	74.8	77.1	78.0	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.9	78.9
GE 4500	42.8	70.7	74.8	77.1	79.7	80.6	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.4	81.4
GE 4000	42.9	71.7	75.8	78.1	80.7	81.6	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.3	82.4	82.4
GE 3500	43.9	73.6	77.7	80.1	82.9	83.8	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.6	84.7	84.7
GE 3000	45.2	76.2	80.8	83.4	86.3	87.2	87.7	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.1	88.1
GE 2500	45.8	77.4	82.1	84.8	87.8	88.7	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.7	89.8	89.8
GE 2000	45.9	77.8	82.7	85.4	88.6	89.6	90.3	90.4	90.4	90.4	90.6	90.6	90.6	90.7	90.8	90.8
GE 1800	45.9	77.9	83.0	85.8	89.0	90.0	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.1	91.2	91.2
GE 1500	46.0	78.6	83.7	86.8	90.0	91.0	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.1	92.2	92.2
GE 1200	46.4	80.2	85.7	88.8	92.1	93.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.6	94.6
GE 1000	46.6	80.8	86.3	89.4	92.6	93.6	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.2	95.2
GE 900	46.6	81.4	87.1	90.6	93.9	94.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.4	96.6	96.6
GE 800	46.6	81.6	87.2	90.8	94.1	95.1	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.7	96.8	96.8
GE 700	46.6	81.8	87.4	91.0	94.3	95.3	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.9	97.0	97.0
GE 600	46.6	81.8	87.7	91.3	94.7	95.7	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.6	97.6
GE 500	46.6	81.8	87.9	91.6	94.9	95.9	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.9	97.9
GE 400	46.6	81.8	87.9	91.7	95.1	96.1	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.4	98.4
GE 300	46.6	81.8	87.9	91.9	95.3	96.3	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.6	98.7	98.7
GE 200	46.6	81.8	87.9	91.9	95.3	96.3	98.4	98.7	98.7	99.0	99.1	99.1	99.2	99.4	99.8	99.8
GE 100	46.6	81.8	87.9	91.9	95.3	96.3	98.4	98.7	98.7	99.0	99.1	99.1	99.2	99.4	99.8	99.8
GE 0	46.6	81.8	87.9	91.9	95.3	96.3	98.4	98.7	98.7	99.0	99.1	99.1	99.2	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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 7/16	GE 1/4	GE 0
NO CEIL	28.9	45.3	49.4	53.3	55.2	56.4	57.6	57.9	57.9	58.0	58.0	58.0	58.1	58.1	58.4	58.8
GE 20000	29.7	48.3	52.9	57.4	59.7	61.0	62.2	62.6	62.6	62.7	62.7	62.7	62.8	62.8	63.1	63.4
GE 18000	29.7	48.3	52.9	57.4	59.7	61.0	62.2	62.6	62.6	62.7	62.7	62.7	62.8	62.8	63.1	63.4
GE 16000	29.7	48.3	52.9	57.4	59.7	61.0	62.2	62.6	62.6	62.7	62.7	62.7	62.8	62.8	63.1	63.4
GE 14000	29.7	48.3	52.9	57.4	59.7	61.0	62.2	62.6	62.6	62.7	62.7	62.7	62.8	62.8	63.1	63.4
GE 12000	30.0	49.0	53.6	58.1	60.3	61.7	62.9	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.8	64.1
GE 10000	32.0	51.3	56.1	61.0	63.6	65.0	66.3	66.7	66.7	66.8	66.8	66.8	66.9	66.9	67.2	67.6
GE 9000	32.1	52.0	56.8	61.7	64.2	65.7	67.0	67.3	67.3	67.4	67.4	67.4	67.6	67.6	67.9	68.2
GE 8000	32.9	53.4	59.7	63.6	66.1	67.6	69.0	69.3	69.3	69.4	69.4	69.4	69.6	69.6	69.9	70.2
GE 7000	33.4	54.9	60.1	65.1	67.7	69.1	70.6	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.4	71.8
GE 6000	33.6	55.7	60.9	65.9	68.9	70.3	71.8	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.7	73.0
GE 5000	35.6	58.7	64.1	69.3	72.3	73.8	75.2	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.3	76.7
GE 4500	36.2	60.6	66.0	71.6	74.7	76.1	77.6	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.7	79.0
GE 4000	36.3	61.2	66.8	72.3	75.4	76.9	78.4	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.6	79.9
GE 3500	36.6	62.3	68.1	74.1	77.3	78.8	80.6	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.7	82.0
GE 3000	37.0	65.1	71.0	77.0	80.3	81.9	83.7	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.8	85.1
GE 2500	37.7	66.9	72.9	79.2	82.9	84.4	86.3	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.4	87.8
GE 2000	37.7	67.2	73.7	80.6	84.2	85.9	87.8	88.3	88.3	88.4	88.4	88.4	88.6	88.6	88.9	89.2
GE 1500	37.8	67.4	73.9	80.9	84.8	86.4	88.4	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.6	89.9
GE 1400	37.9	68.0	74.6	81.6	85.6	87.2	89.2	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.3	90.7
GE 1200	38.6	70.1	76.8	84.0	88.0	89.7	91.9	92.3	92.3	92.4	92.4	92.4	92.6	92.6	92.9	93.2
GE 1000	38.7	70.6	77.6	85.0	89.0	90.9	93.0	93.7	93.7	93.8	93.8	93.8	93.9	93.9	94.2	94.6
GE 900	38.7	70.6	77.9	85.4	89.9	91.6	93.7	94.6	94.6	94.7	94.7	94.7	94.8	94.8	95.1	95.4
GE 800	38.7	70.6	77.9	85.7	90.2	92.0	94.1	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.6	95.9
GE 700	38.7	70.6	78.0	85.8	90.4	92.2	94.3	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.8	96.1
GE 600	38.7	70.7	78.2	86.0	90.8	92.6	94.7	95.6	95.6	95.7	95.7	95.7	95.8	95.8	96.1	96.4
GE 500	38.7	70.7	78.2	86.0	91.0	92.9	95.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.6	96.9
GE 400	38.7	70.7	78.2	86.3	91.3	93.3	95.4	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.3	97.7
GE 300	38.7	70.7	78.2	86.3	91.4	93.4	95.7	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.6	97.9
GE 200	38.7	70.7	78.2	86.3	91.4	93.6	95.8	97.2	97.2	97.6	97.6	97.6	97.8	98.1	98.7	99.1
GE 100	38.7	70.7	78.2	86.3	91.4	93.6	95.8	97.2	97.2	97.7	97.8	97.8	98.0	98.6	99.1	99.9
GE 0	38.7	70.7	78.2	86.3	91.4	93.6	95.8	97.2	97.2	97.7	97.8	97.8	98.0	98.6	99.1	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 7/16	GE 1/4	GE 0
NO CEIL	29.9	75.4	37.6	42.8	44.7	47.4	50.2	51.8	51.8	53.7	54.4	54.4	54.7	54.8	55.1	55.7
GE 20000	21.7	37.4	39.9	45.9	48.0	51.1	54.1	55.8	55.8	57.8	58.6	58.6	58.8	58.9	59.2	59.8
GE 18000	21.7	37.4	39.9	45.9	48.0	51.1	54.1	55.8	55.8	57.8	58.6	58.6	58.8	58.9	59.2	59.8
GE 16000	21.7	37.4	39.9	45.9	48.0	51.1	54.1	55.8	55.8	57.8	58.6	58.6	58.8	58.9	59.2	59.8
GE 14000	21.8	37.6	40.0	46.0	48.1	51.2	54.2	55.9	55.9	57.9	58.7	58.7	58.9	59.0	59.3	59.9
GE 12000	21.9	37.8	40.2	46.2	48.3	51.6	54.6	56.2	56.2	58.2	59.0	59.0	59.2	59.3	59.7	60.2
GE 10000	23.3	40.3	43.2	49.4	51.6	54.8	58.0	59.7	59.7	61.7	62.4	62.4	62.7	62.8	63.1	63.7
GE 9000	23.6	40.7	43.6	50.1	52.6	55.8	59.2	60.9	60.9	62.9	63.7	63.7	63.9	64.0	64.3	64.9
GE 8000	24.1	41.9	45.3	52.1	54.6	57.8	61.6	63.2	63.2	65.2	66.0	66.0	66.2	66.3	66.7	67.2
GE 7000	24.4	42.7	46.1	53.0	55.7	59.0	62.9	64.6	64.6	66.6	67.3	67.3	67.6	67.7	68.0	68.6
GE 6000	24.4	43.6	47.1	54.0	56.8	60.1	64.2	65.9	65.9	67.9	68.7	68.7	68.9	69.0	69.3	69.9
GE 5000	25.6	46.2	50.6	57.6	60.4	63.9	68.8	70.4	70.6	72.6	73.3	73.3	73.6	73.7	74.0	74.6
GE 4500	25.9	47.3	51.7	59.0	62.0	65.9	70.8	72.4	72.6	74.6	75.3	75.3	75.6	75.7	76.0	76.6
GE 4000	26.6	48.2	52.6	60.1	63.1	67.0	72.0	73.7	73.8	75.8	76.6	76.6	76.8	76.9	77.2	77.8
GE 3500	27.0	49.3	53.9	61.6	64.7	68.8	74.0	75.7	75.8	77.8	78.6	78.6	78.8	78.9	79.2	79.8
GE 3000	27.8	50.8	55.4	63.6	66.9	71.3	76.6	78.2	78.3	80.3	81.1	81.1	81.3	81.4	81.8	82.3
GE 2500	28.2	52.3	57.1	65.4	69.1	73.7	79.3	81.0	81.2	83.2	84.0	84.0	84.2	84.3	84.7	85.2
GE 2000	28.2	53.0	57.9	66.2	69.9	74.6	80.2	81.9	82.1	84.1	84.9	84.9	85.1	85.2	85.6	86.1
GE 1800	28.4	53.6	58.6	66.9	70.7	75.4	81.1	82.8	83.0	85.0	85.8	85.8	86.0	86.1	86.4	87.0
GE 1600	28.6	54.0	59.1	67.4	71.2	76.0	81.8	83.4	83.7	85.7	86.4	86.4	86.7	86.8	87.1	87.7
GE 1200	29.3	55.1	60.9	69.7	73.4	78.2	84.0	85.7	85.9	87.9	88.7	88.7	88.9	89.0	89.3	89.9
GE 1000	29.3	55.1	61.0	70.0	73.8	78.6	84.3	86.0	86.2	88.2	89.0	89.0	89.2	89.3	89.7	90.2
GE 900	29.3	55.1	61.0	70.2	74.1	78.9	84.7	86.9	87.1	89.1	89.9	89.9	90.1	90.2	90.6	91.1
GE 800	29.3	55.1	61.0	70.3	74.2	79.7	85.6	88.2	88.4	90.4	91.2	91.2	91.4	91.6	91.9	92.4
GE 700	29.3	55.1	61.1	70.4	74.7	80.4	86.4	89.2	89.4	91.7	92.4	92.4	92.7	92.8	93.1	93.7
GE 600	29.4	55.3	61.3	70.7	75.0	80.8	87.2	90.1	90.3	92.6	93.3	93.3	93.6	93.7	94.0	94.6
GE 500	29.4	55.3	61.3	70.7	75.3	81.2	88.0	90.9	91.1	93.6	94.3	94.3	94.6	94.7	95.0	95.6
GE 400	29.4	55.3	61.6	71.1	75.8	81.7	88.6	91.4	91.7	94.1	94.9	94.9	95.1	95.2	95.6	96.2
GE 300	29.4	55.3	61.6	71.1	75.8	81.7	88.6	91.4	91.7	94.2	95.0	95.0	95.3	95.7	96.0	96.7
GE 200	29.4	55.3	61.6	71.1	75.8	81.7	88.6	91.4	91.7	94.6	95.3	95.3	96.0	96.3	96.8	98.0
GE 100	29.4	55.3	61.6	71.1	75.8	81.7	88.6	91.4	91.7	94.6	95.3	95.3	96.1	96.6	97.2	99.9
GE 0	29.4	55.3	61.6	71.1	75.8	81.7	88.6	91.4	91.7	94.6	95.3	95.3	96.1	96.6	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: SEP 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	29.7	44.3	46.4	48.3	50.1	52.4	54.2	55.0	55.1	55.6	55.6	55.6	55.7	55.7	55.8	55.8
GE 20000	31.4	48.2	51.0	53.3	55.2	57.6	59.4	60.1	60.2	60.6	60.8	60.8	60.9	60.9	61.0	61.0
GE 18000	31.4	48.2	51.0	53.3	55.2	57.6	59.4	60.1	60.2	60.6	60.8	60.8	60.9	60.9	61.0	61.0
GE 16000	31.6	48.4	51.2	53.6	55.4	57.8	59.7	60.3	60.4	61.0	61.0	61.0	61.1	61.1	61.2	61.2
GE 14000	31.6	48.6	51.3	53.7	55.6	57.9	59.8	60.4	60.6	61.1	61.1	61.1	61.2	61.2	61.3	61.3
GE 12000	31.7	48.7	51.4	53.8	55.7	58.0	59.9	60.6	60.7	61.2	61.2	61.2	61.3	61.3	61.4	61.4
GE 10000	31.8	49.6	52.4	54.8	56.7	59.0	60.9	61.6	61.7	62.2	62.2	62.2	62.3	62.3	62.4	62.4
GE 9000	31.9	50.0	52.9	55.6	57.6	59.9	61.9	62.6	62.7	63.2	63.2	63.2	63.3	63.3	63.4	63.4
GE 8000	33.2	52.7	56.2	58.9	61.0	63.3	65.3	66.1	66.2	66.6	66.8	66.8	66.9	66.9	67.0	67.0
GE 7000	33.7	54.1	58.1	61.0	63.2	65.6	67.8	68.6	68.7	69.2	69.2	69.2	69.3	69.3	69.4	69.4
GE 6000	33.9	54.3	58.3	61.2	63.7	66.0	68.4	69.2	69.3	69.9	69.9	69.9	70.0	70.0	70.1	70.1
GE 5000	34.4	55.7	59.8	62.7	65.2	67.9	70.7	71.4	71.6	72.1	72.1	72.1	72.2	72.2	72.3	72.3
GE 4500	34.7	56.3	60.6	63.4	66.2	69.0	71.9	72.7	72.8	73.3	73.3	73.3	73.4	73.4	73.6	73.6
GE 4000	35.3	58.0	62.4	65.4	68.3	71.2	74.2	75.0	75.1	75.7	75.7	75.7	75.8	75.8	75.9	75.9
GE 3500	35.7	58.9	63.3	66.4	69.3	72.6	75.6	76.3	76.4	77.0	77.0	77.0	77.1	77.1	77.2	77.2
GE 3000	36.3	59.9	64.3	67.6	70.6	73.9	77.0	77.8	77.9	78.4	78.4	78.4	78.6	78.6	78.7	78.7
GE 2500	37.4	61.7	66.3	69.9	73.1	76.6	80.1	81.3	81.1	81.7	81.7	81.7	81.8	81.8	81.9	81.9
GE 2200	38.1	62.8	68.0	72.0	75.2	78.7	82.4	83.6	83.7	84.2	84.2	84.2	84.3	84.3	84.4	84.4
GE 2000	38.4	63.4	68.8	72.9	76.1	79.6	83.3	84.4	84.6	85.1	85.1	85.1	85.2	85.2	85.3	85.3
GE 1500	39.8	65.1	70.7	74.9	78.2	81.7	85.4	86.6	86.7	87.2	87.2	87.2	87.3	87.3	87.4	87.4
GE 1000	39.3	66.9	72.9	77.2	80.7	84.3	88.4	89.8	89.9	90.4	90.4	90.4	90.6	90.6	90.7	90.7
GE 900	39.4	67.2	73.2	77.9	81.9	85.7	90.2	91.6	91.7	92.2	92.2	92.2	92.3	92.3	92.4	92.4
GE 800	39.4	67.4	73.6	78.2	82.2	86.0	90.7	92.1	92.2	92.6	92.8	92.8	92.9	92.9	93.0	93.0
GE 700	39.4	67.6	73.7	78.4	82.4	86.3	91.6	93.4	93.6	94.1	94.1	94.1	94.2	94.2	94.3	94.3
GE 600	39.4	67.6	73.9	78.7	83.0	87.0	92.3	94.8	94.9	95.4	95.4	95.4	95.6	95.6	95.7	95.7
GE 500	39.4	67.6	73.9	78.7	83.0	87.0	92.9	95.3	95.4	96.0	96.0	96.0	96.1	96.1	96.2	96.2
GE 400	39.4	67.6	73.9	78.8	83.3	87.3	93.4	96.3	96.4	97.1	97.1	97.1	97.3	97.3	97.4	97.4
GE 300	39.4	67.6	73.9	78.8	83.3	87.3	93.7	96.8	96.9	98.0	98.1	98.1	98.3	98.3	98.4	98.4
GE 200	39.4	67.6	73.9	78.8	83.3	87.3	93.8	96.9	97.0	98.2	98.3	98.4	98.9	98.9	99.0	99.1
GE 100	39.4	67.6	73.9	78.8	83.3	87.3	93.8	96.9	97.0	98.3	98.7	98.8	99.2	99.3	99.4	99.6
GE 0	39.4	67.6	73.9	78.8	83.3	87.3	93.8	96.9	97.0	98.3	98.7	98.8	99.2	99.3	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 HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.3	47.9	50.3	51.6	52.2	52.6	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 20000	37.1	53.0	55.8	57.6	58.2	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 18000	37.1	53.0	55.8	57.6	58.2	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 16000	37.1	53.0	55.8	57.6	58.2	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 14000	37.1	53.2	56.0	57.6	58.4	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 12000	37.2	53.4	56.2	58.1	58.8	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 10000	37.7	54.9	57.7	59.6	60.2	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	39.0	56.4	59.3	61.2	61.9	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 8000	40.4	59.0	61.9	63.8	64.4	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 7000	40.9	60.2	63.2	65.2	66.1	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	41.0	60.7	63.7	65.7	66.6	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 5000	41.8	62.2	65.2	67.3	68.2	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	43.7	64.6	67.8	69.9	70.8	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4000	44.6	65.9	69.1	71.3	72.2	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3500	46.1	67.8	71.3	73.6	74.7	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3000	48.1	71.1	75.1	77.3	78.6	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	50.6	75.9	80.4	82.7	83.9	84.6	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	50.9	77.7	82.9	85.4	86.8	87.7	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	51.4	78.9	84.2	86.8	88.1	89.0	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1500	51.6	80.1	85.9	89.0	90.6	91.6	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	51.6	80.7	87.4	90.9	92.8	94.2	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	51.6	81.2	88.1	91.9	94.0	95.3	96.1	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	51.6	81.4	88.4	92.2	94.3	96.1	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	51.6	81.4	88.6	92.3	94.6	96.4	97.2	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	51.6	81.6	88.8	92.6	94.9	96.6	97.7	98.7	98.7	98.9	98.8	98.8	98.8	98.8	98.8	98.9
GE 600	51.6	81.6	88.8	92.6	94.9	96.8	98.0	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	51.6	81.6	88.8	92.6	94.9	96.8	98.0	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	51.6	81.6	88.9	92.7	95.0	96.9	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	51.6	81.6	88.8	92.7	95.0	96.9	98.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	51.6	81.6	88.8	92.7	95.0	96.9	98.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	51.6	81.6	88.8	92.7	95.0	96.9	98.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	51.6	81.6	88.8	92.7	95.0	96.9	98.3	99.7	99.7	99.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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	54.6	50.8	52.4	53.7	54.6	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 20000	58.2	57.6	59.6	61.0	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	58.2	57.6	59.6	61.0	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 16000	58.2	57.6	59.6	61.0	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 14000	58.4	57.6	59.8	61.2	62.3	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 12000	58.7	59.2	61.2	62.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 10000	61.4	61.4	63.7	65.1	66.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 9000	62.0	62.4	64.9	66.3	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 8000	63.2	64.6	67.0	68.7	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	63.4	65.7	68.1	69.8	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 6000	63.6	65.9	68.3	70.0	71.4	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	64.6	68.0	70.8	72.4	74.2	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4500	67.1	71.9	75.0	76.9	78.8	79.0	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	68.4	74.0	77.3	79.2	81.1	81.3	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3500	71.2	77.1	80.4	82.3	84.2	84.4	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	71.9	80.0	83.8	85.9	87.9	88.1	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	72.7	82.6	86.7	88.8	90.8	91.0	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	73.1	84.2	89.0	91.2	93.2	93.7	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1800	73.4	84.8	89.7	91.9	93.9	94.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1600	73.7	85.4	90.7	92.9	95.0	95.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	73.8	85.9	91.2	93.6	95.7	96.2	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	73.8	85.9	91.2	93.7	95.8	96.3	97.4	97.8	97.8	97.8	97.9	97.8	97.8	97.8	97.8	97.8
GE 900	74.0	86.1	91.4	93.9	96.1	96.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	74.0	86.1	91.6	94.0	96.2	96.9	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	74.1	86.2	91.7	94.1	96.3	97.3	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	74.1	86.2	91.7	94.1	96.3	97.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	74.1	86.2	91.7	94.1	96.3	97.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	74.1	86.2	91.7	94.1	96.3	97.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	74.1	86.2	91.7	94.1	96.3	97.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.1	86.2	91.7	94.1	96.3	97.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.1	86.2	91.7	94.1	96.3	97.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	74.1	86.2	91.7	94.1	96.3	97.6	99.6	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-84
MONTH: SEP 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 7/16	GE 1/4	GE 0
NO CEIL	37.6	53.4	56.1	57.0	58.7	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 20000	41.7	59.9	62.8	63.7	65.3	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 18000	41.7	59.9	62.8	63.7	65.3	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	41.7	59.9	62.8	63.7	65.3	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	41.8	60.0	62.9	63.8	65.4	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	42.8	61.5	64.2	65.1	66.8	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	44.9	64.7	67.8	68.6	70.6	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 9000	45.1	64.9	68.2	69.2	71.3	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	45.8	66.9	70.4	71.7	73.6	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 7000	46.6	68.4	72.0	73.3	75.3	75.6	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 6000	47.2	69.2	72.9	74.3	76.3	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 5000	49.3	72.7	76.4	78.2	80.2	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	50.9	74.9	78.8	80.9	82.8	83.6	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4000	51.7	76.3	80.3	82.3	84.4	85.2	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	52.7	77.6	81.7	83.7	85.9	86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3000	53.4	79.6	84.0	86.1	88.6	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500	54.7	82.0	87.0	89.1	91.9	93.0	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2000	55.0	83.6	88.6	90.1	93.2	94.3	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	55.2	83.4	88.6	90.7	93.8	94.9	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1600	55.2	83.4	88.8	90.9	94.2	95.4	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	55.4	84.0	89.4	91.8	95.1	96.4	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	55.4	84.2	89.9	92.3	95.7	97.1	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	55.7	84.4	90.1	92.7	96.0	97.4	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	55.7	84.4	90.1	92.7	96.0	97.4	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	55.7	84.6	90.2	92.8	96.1	97.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	55.8	84.7	90.3	92.9	96.2	97.9	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	55.8	84.7	90.3	92.9	96.2	97.9	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	55.8	84.7	90.3	92.9	96.2	97.9	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	55.8	84.7	90.3	92.9	96.2	97.9	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	55.8	84.7	90.3	92.9	96.2	97.9	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	55.8	84.7	90.3	92.9	96.2	97.9	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	55.8	84.7	90.3	92.9	96.2	97.9	99.0	99.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: SEP 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 9/16	GE 1/4	GE 0
NO CEIL	42.2	56.6	58.6	59.6	61.7	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 20000	42.1	60.3	62.9	64.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 18000	42.2	60.4	63.0	64.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 16000	42.2	60.4	63.0	64.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 14000	42.3	60.6	63.1	64.2	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	42.8	61.3	63.9	65.0	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 10000	44.8	64.3	67.1	68.4	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 9000	45.2	65.1	67.9	69.2	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 8000	46.2	66.7	69.4	70.8	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	47.2	69.0	71.9	73.2	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	47.8	70.1	73.0	74.3	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 5000	50.3	74.0	77.0	78.4	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	51.0	75.9	79.1	80.7	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4000	51.9	77.3	80.7	82.3	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	52.4	78.4	81.9	83.6	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 3000	53.6	80.7	84.4	86.2	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	54.0	82.3	86.1	87.9	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	54.7	83.9	87.9	89.7	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	54.7	84.1	88.0	89.9	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	55.0	84.8	88.9	90.9	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	55.2	86.7	90.4	92.4	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	55.4	86.1	91.0	93.4	96.9	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	55.4	86.3	91.2	93.8	97.2	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	55.4	86.6	91.6	94.2	97.7	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	55.4	86.6	91.7	94.3	97.8	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	55.4	86.6	91.8	94.8	98.3	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	55.4	86.6	91.8	94.8	98.3	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	55.4	86.6	91.8	94.8	98.3	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	55.4	86.7	91.9	94.9	98.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	55.4	86.7	91.9	94.9	98.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	55.4	86.7	91.9	94.9	98.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	55.4	86.7	91.9	94.9	98.4	99.0	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 HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-84
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 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	52.5	48.5	51.0	53.1	54.7	55.7	56.6	56.9	56.9	57.2	57.3	57.3	57.4	57.4	57.5	57.6
GE 25000	34.9	52.8	55.7	58.2	59.9	60.9	61.9	62.2	62.2	62.6	62.7	62.7	62.7	62.8	62.9	63.0
GE 18000	34.9	52.8	55.7	58.2	59.9	61.0	61.9	62.3	62.3	62.6	62.7	62.7	62.8	62.8	62.9	63.0
GE 16000	34.9	52.8	55.7	58.2	59.9	61.0	61.9	62.3	62.3	62.6	62.7	62.7	62.8	62.8	62.9	63.0
GE 14000	34.9	52.9	55.8	58.4	60.1	61.1	62.0	62.4	62.4	62.6	62.9	62.9	62.9	62.9	63.1	63.2
GE 12000	35.4	53.7	56.6	59.2	60.9	61.9	62.9	63.2	63.3	63.6	63.7	63.7	63.8	63.8	63.9	64.0
GE 10000	36.9	55.9	59.0	61.6	63.4	64.6	65.5	65.9	65.9	66.2	66.3	66.3	66.4	66.4	66.5	66.7
GE 9000	37.4	56.7	59.9	62.6	64.4	65.6	66.6	66.9	67.0	67.3	67.4	67.4	67.5	67.5	67.6	67.7
GE 8000	38.3	58.5	61.9	64.8	66.7	67.8	68.9	69.3	69.3	69.6	69.7	69.7	69.8	69.8	69.9	70.0
GE 7000	39.9	60.8	63.5	66.4	68.4	69.6	70.7	71.1	71.1	71.4	71.5	71.5	71.6	71.6	71.7	71.8
GE 6000	39.1	60.6	64.2	67.1	69.2	70.4	71.6	71.9	72.0	72.3	72.4	72.4	72.5	72.5	72.6	72.7
GE 5000	40.5	63.3	67.1	70.1	72.3	73.6	75.0	75.4	75.4	75.7	75.8	75.8	75.9	75.9	76.0	76.2
GE 4500	41.5	65.3	69.2	72.4	74.9	76.1	77.5	77.9	78.0	78.3	78.4	78.4	78.5	78.5	78.6	78.7
GE 4000	42.2	66.6	70.6	73.9	76.3	77.7	79.1	79.5	79.6	79.9	80.0	80.0	80.1	80.1	80.2	80.3
GE 3500	43.2	68.1	72.3	75.7	78.1	79.6	81.1	81.5	81.6	81.9	82.0	82.0	82.1	82.1	82.2	82.3
GE 3000	44.2	70.4	74.9	78.4	81.0	82.6	84.1	84.6	84.6	84.9	85.0	85.0	85.1	85.1	85.2	85.3
GE 2500	45.1	72.6	77.3	81.0	83.8	85.4	87.1	87.6	87.6	87.9	88.0	88.0	88.1	88.1	88.2	88.3
GE 2000	45.4	73.7	78.7	82.6	85.5	87.2	88.9	89.4	89.5	89.8	89.9	89.9	90.0	90.0	90.1	90.2
GE 1500	45.7	74.2	79.3	83.2	86.2	87.8	89.6	90.2	90.2	90.6	90.7	90.7	90.7	90.8	90.9	91.0
GE 1000	45.8	74.9	80.3	84.3	87.4	89.1	90.9	91.5	91.5	91.9	92.0	92.0	92.0	92.1	92.2	92.3
GE 900	45.8	75.1	80.6	84.6	87.8	89.5	91.3	91.9	92.0	92.3	92.4	92.4	92.5	92.5	92.6	92.7
GE 800	45.9	75.4	80.9	85.0	88.2	89.9	91.8	92.4	92.5	92.8	92.9	92.9	93.0	93.0	93.1	93.2
GE 700	46.0	75.8	81.4	85.5	88.7	90.5	92.4	93.0	93.1	93.4	93.5	93.5	93.6	93.6	93.7	93.8
GE 600	46.2	76.1	81.8	86.1	89.3	91.1	93.0	93.6	93.7	94.1	94.2	94.2	94.3	94.3	94.4	94.5
GE 500	46.3	76.4	82.3	86.7	90.0	91.9	93.8	94.5	94.6	94.9	95.0	95.0	95.1	95.1	95.2	95.3
GE 450	46.3	76.6	82.6	87.1	90.5	92.4	94.4	95.2	95.3	95.6	95.7	95.7	95.8	95.8	95.9	96.0
GE 400	46.3	76.7	82.7	87.3	90.7	92.7	94.9	95.6	95.9	96.3	96.4	96.4	96.4	96.5	96.6	96.7
GE 350	46.3	76.7	82.8	87.5	90.9	93.1	95.4	96.5	96.5	96.9	97.0	97.0	97.1	97.1	97.2	97.3
GE 300	46.4	76.8	83.0	87.6	91.2	93.4	95.9	97.0	97.1	97.4	97.6	97.6	97.6	97.7	97.8	97.9
GE 250	46.4	76.8	83.0	87.7	91.3	93.6	96.2	97.4	97.5	97.9	98.0	98.0	98.1	98.1	98.3	98.4
GE 200	46.4	76.8	83.0	87.8	91.4	93.7	96.5	97.6	97.9	98.3	98.5	98.5	98.6	98.6	98.7	98.8
GE 150	46.4	76.8	83.0	87.8	91.5	93.8	96.6	97.9	98.2	98.5	98.6	98.6	98.7	98.8	98.9	99.0
GE 100	46.4	76.8	83.0	87.8	91.5	93.8	96.7	98.0	98.3	98.7	98.8	98.8	99.0	99.2	99.3	99.6
GE 50	46.4	76.8	83.0	87.8	91.5	93.8	96.7	98.1	98.4	98.7	98.9	98.9	99.1	99.2	99.4	99.9
GE 0	46.4	76.8	83.0	87.8	91.5	93.8	96.7	98.1	98.4	98.7	98.9	98.9	99.1	99.2	99.5	100.0

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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: OCT 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	39.6	44.6	45.5	46.9	47.8	47.8	48.0	48.2	48.2	48.4	48.5	48.5	48.5	48.5	48.7	49.0
GE 20000	37.2	47.4	48.4	49.8	51.1	51.1	51.2	51.4	51.4	51.6	51.7	51.7	51.7	51.7	51.9	52.3
GE 18000	37.2	47.4	48.4	49.8	51.1	51.1	51.2	51.4	51.4	51.6	51.7	51.7	51.7	51.7	51.9	52.3
GE 16000	37.2	47.4	48.4	49.8	51.1	51.1	51.2	51.4	51.4	51.6	51.7	51.7	51.7	51.7	51.9	52.3
GE 14000	37.2	47.4	48.4	49.8	51.1	51.1	51.2	51.4	51.4	51.6	51.7	51.7	51.7	51.7	51.9	52.3
GE 12000	38.1	48.5	49.5	50.9	52.2	52.2	52.3	52.5	52.5	52.7	52.8	52.8	52.8	52.8	53.0	53.3
GE 10000	41.0	52.7	53.7	55.2	56.6	56.6	56.7	56.9	56.9	57.1	57.2	57.2	57.2	57.2	57.4	57.7
GE 9000	41.9	54.3	55.3	56.8	58.2	58.2	58.3	58.5	58.5	58.7	58.8	58.8	58.8	58.8	59.0	59.4
GE 8000	43.1	56.5	57.4	58.9	60.3	60.3	60.4	60.6	60.6	60.9	61.0	61.0	61.0	61.0	61.2	61.5
GE 7000	44.5	58.6	59.6	61.1	62.5	62.5	62.6	62.8	62.8	63.0	63.1	63.1	63.1	63.1	63.3	63.7
GE 6000	44.9	59.2	60.2	61.7	63.1	63.1	63.2	63.4	63.4	63.7	63.8	63.8	63.8	63.8	64.0	64.3
GE 5000	46.7	61.7	62.8	64.7	66.1	66.1	66.2	66.5	66.5	66.7	66.8	66.8	66.9	66.8	67.0	67.3
GE 4500	49.4	65.5	67.0	68.9	70.3	70.3	70.5	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.3	71.6
GE 4000	50.2	66.5	68.1	70.0	71.4	71.4	71.6	71.8	71.8	72.0	72.2	72.2	72.2	72.2	72.4	72.7
GE 3500	52.9	69.9	71.5	73.9	75.3	75.3	75.5	75.7	75.7	75.9	76.0	76.0	76.0	76.0	76.2	76.6
GE 3000	54.2	72.7	74.4	77.0	78.4	78.5	78.7	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.5	79.8
GE 2500	55.5	75.2	76.9	79.6	81.4	81.6	81.8	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.7	83.0
GE 2200	56.0	76.5	78.2	81.1	83.1	83.5	83.8	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	85.2
GE 2000	56.1	77.1	79.9	81.6	84.0	84.4	84.6	85.2	85.2	85.4	85.5	85.5	85.5	85.5	85.7	86.0
GE 1800	57.1	78.8	81.0	83.9	86.0	86.5	86.7	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.7	88.1
GE 1600	58.2	80.5	82.8	85.8	88.2	88.6	89.0	89.6	89.6	89.8	89.9	89.9	89.9	89.9	90.1	90.4
GE 1400	58.3	81.1	83.3	86.3	88.9	89.6	90.2	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.3	91.6
GE 1200	58.3	81.2	83.4	86.8	89.4	90.0	90.8	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.8	92.2
GE 1000	58.3	81.5	83.6	87.2	89.8	90.5	91.4	91.9	91.9	92.2	92.3	92.3	92.3	92.3	92.5	92.8
GE 900	58.3	81.7	84.3	88.1	90.6	91.5	92.4	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.5	93.9
GE 800	58.3	81.7	84.3	88.2	90.9	91.7	92.6	93.4	93.4	93.7	93.8	93.8	93.8	93.8	94.0	94.3
GE 700	58.3	81.7	84.5	89.0	91.8	92.9	94.1	95.3	95.3	95.5	95.6	95.6	95.6	95.8	96.1	
GE 600	58.3	81.7	84.5	89.1	92.0	93.2	94.6	95.9	95.9	96.3	96.5	96.5	96.5	96.5	96.7	97.0
GE 500	58.3	81.7	84.5	89.1	92.0	93.2	95.5	97.2	97.2	98.1	98.1	98.1	98.1	98.1	98.4	98.9
GE 400	58.3	81.7	84.5	89.1	92.0	93.2	95.6	97.3	97.3	98.1	98.4	98.5	98.5	98.5	98.8	99.4
GE 100	58.3	81.7	84.5	89.1	92.0	93.2	95.6	97.4	97.4	98.2	98.5	98.6	98.6	98.6	98.9	99.5
GE 0	58.3	81.7	84.5	89.1	92.0	93.2	95.6	97.4	97.4	98.2	98.5	98.6	98.6	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 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	32.6	42.5	43.3	43.8	44.8	45.2	45.8	45.8	45.9	46.0	46.1	46.1	46.3	46.3	46.7	47.1
GE 20000	33.8	45.4	46.5	46.9	48.1	48.4	49.0	49.0	49.0	49.2	49.4	49.4	49.6	49.6	49.9	50.3
GE 18000	33.8	45.4	46.5	46.9	48.1	48.4	49.0	49.0	49.0	49.2	49.4	49.4	49.6	49.6	49.9	50.3
GE 16000	33.8	45.4	46.5	46.9	48.1	48.4	49.0	49.0	49.0	49.2	49.4	49.4	49.6	49.6	49.9	50.3
GE 14000	33.8	45.4	46.5	46.9	48.1	48.4	49.0	49.0	49.0	49.2	49.4	49.4	49.6	49.6	49.9	50.3
GE 12000	34.4	46.0	47.1	47.5	48.7	49.0	49.7	49.7	49.7	49.9	50.0	50.0	50.2	50.2	50.5	51.0
GE 10000	36.7	48.2	51.3	51.8	53.0	53.3	54.0	54.0	54.0	54.2	54.3	54.3	54.5	54.5	54.8	55.3
GE 9000	37.8	51.6	52.9	53.4	54.6	54.9	55.6	55.6	55.6	55.8	55.9	55.9	56.1	56.1	56.5	56.9
GE 8000	39.4	54.8	56.1	56.7	57.8	58.2	58.8	58.8	58.8	59.0	59.1	59.1	59.4	59.4	59.7	60.1
GE 7000	40.0	56.1	57.5	58.1	59.2	59.6	60.2	60.2	60.2	60.4	60.5	60.5	60.8	60.8	61.1	61.5
GE 6000	40.6	56.9	58.3	58.8	60.0	60.3	61.0	61.0	61.0	61.2	61.3	61.3	61.5	61.5	61.8	62.3
GE 5000	41.6	59.1	61.1	61.7	62.9	63.2	63.9	63.9	63.9	64.1	64.2	64.2	64.4	64.4	64.7	65.2
GE 4500	42.4	60.9	62.8	63.5	64.7	65.2	65.8	65.8	65.8	66.0	66.1	66.1	66.3	66.3	66.7	67.1
GE 4000	43.3	62.2	64.1	64.9	66.1	66.6	67.2	67.2	67.2	67.4	67.5	67.5	67.7	67.7	68.1	68.5
GE 3500	45.1	65.1	67.1	68.3	69.5	70.0	70.6	70.6	70.6	70.9	71.0	71.0	71.2	71.2	71.5	71.9
GE 3000	46.7	68.8	71.0	72.7	73.9	74.5	75.2	75.2	75.2	75.4	75.5	75.5	75.7	75.7	76.0	76.5
GE 2500	47.8	71.3	73.8	75.8	77.1	78.0	78.7	78.7	78.7	78.9	79.0	79.0	79.2	79.2	79.6	80.0
GE 2000	48.4	72.4	74.9	77.2	78.8	79.8	80.5	80.5	80.5	80.8	80.9	80.9	81.1	81.1	81.4	81.8
GE 1800	48.9	73.8	76.6	78.8	80.4	81.4	82.2	82.2	82.2	82.6	82.7	82.7	82.9	82.9	83.2	83.7
GE 1600	49.5	75.6	78.4	80.6	82.4	83.4	84.2	84.3	84.3	84.6	84.7	84.7	84.9	84.9	85.3	85.7
GE 1400	50.1	76.7	79.5	81.9	84.1	85.2	85.9	86.0	86.0	86.3	86.5	86.5	86.7	86.7	87.0	87.4
GE 1200	50.4	77.4	80.2	82.9	85.2	86.2	87.0	87.2	87.2	87.6	87.7	87.7	88.0	88.0	88.3	88.7
GE 1000	50.4	77.4	80.3	83.0	85.5	86.8	87.7	88.0	88.0	88.4	88.6	88.6	88.8	88.8	89.1	89.6
GE 900	50.4	77.7	80.9	83.7	86.2	87.7	88.9	89.1	89.1	89.6	89.8	89.8	90.0	90.0	90.3	90.8
GE 800	50.4	77.7	80.9	84.0	86.6	88.3	89.7	90.0	90.0	90.4	90.6	90.6	90.9	90.9	91.2	91.6
GE 700	50.4	78.1	81.2	84.7	87.3	89.4	91.0	91.3	91.3	91.7	91.9	91.9	92.2	92.2	92.5	92.9
GE 600	50.4	78.1	81.2	85.7	88.4	90.6	92.9	93.2	93.2	93.7	93.9	93.9	94.1	94.1	94.4	94.8
GE 400	50.4	78.1	81.2	85.8	88.7	91.3	93.9	94.3	94.4	94.9	95.2	95.2	95.4	95.4	95.7	96.1
GE 300	50.4	78.1	81.2	85.9	88.8	91.6	94.3	95.2	95.3	95.9	96.1	96.1	96.3	96.3	96.7	97.5
GE 200	50.4	78.1	81.2	85.9	88.8	91.6	94.5	95.4	95.5	96.5	96.7	96.7	96.9	96.9	97.4	98.4
GE 100	50.4	78.1	81.2	85.9	88.8	91.6	94.5	95.4	95.5	96.5	96.7	96.7	97.2	97.2	97.7	98.7
GE 0	50.4	78.1	81.2	85.9	88.8	91.6	94.5	95.4	95.5	96.5	96.9	96.9	97.4	97.4	98.2	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.1	37.7	41.0	42.8	44.6	45.4	46.1	46.6	46.6	46.9	47.2	47.2	47.3	47.4	47.7	48.4
GE 20000	24.9	40.0	43.5	45.4	47.2	48.0	48.7	49.1	49.1	49.7	50.0	50.0	50.1	50.2	50.5	51.2
GE 18000	24.9	40.0	43.5	45.4	47.2	48.0	48.7	49.1	49.1	49.7	50.0	50.0	50.1	50.2	50.5	51.2
GE 16000	24.9	40.0	43.5	45.4	47.2	48.0	48.7	49.1	49.1	49.7	50.0	50.0	50.1	50.2	50.5	51.2
GE 14000	24.9	40.0	43.5	45.4	47.2	48.0	48.7	49.1	49.1	49.7	50.0	50.0	50.1	50.2	50.5	51.2
GE 12000	24.9	40.1	43.7	45.6	47.4	48.2	48.9	49.4	49.4	49.9	50.2	50.2	50.3	50.4	50.8	51.4
GE 10000	25.8	41.9	45.5	47.4	49.2	50.0	50.8	51.2	51.2	51.7	52.0	52.0	52.2	52.3	52.6	53.2
GE 9000	26.6	43.3	47.0	48.9	50.8	51.5	52.3	52.7	52.7	53.2	53.5	53.5	53.7	53.8	54.1	54.7
GE 8000	27.6	45.2	48.8	50.9	52.7	53.4	54.2	54.6	54.6	55.2	55.5	55.5	55.6	55.7	56.0	56.7
GE 7000	28.6	46.3	50.2	52.3	54.1	54.8	55.6	56.0	56.0	56.6	56.9	56.9	57.0	57.1	57.4	58.1
GE 6000	29.5	47.7	51.7	53.9	55.7	56.5	57.2	57.6	57.6	58.2	58.5	58.5	58.6	58.7	59.0	59.7
GE 5000	30.0	49.7	54.2	56.6	58.5	59.2	60.2	60.9	60.9	61.6	61.9	61.9	62.0	62.2	62.5	63.1
GE 4500	30.3	50.2	54.7	57.1	59.0	59.8	60.8	61.4	61.4	62.3	62.6	62.6	62.7	62.8	63.1	63.8
GE 4000	31.3	51.6	56.1	58.8	60.8	61.5	62.5	63.1	63.1	64.0	64.3	64.3	64.4	64.5	64.8	65.5
GE 3500	32.3	53.5	58.3	61.2	63.1	64.0	64.9	65.6	65.6	66.5	66.8	66.8	66.9	67.0	67.3	68.0
GE 3000	33.5	56.6	61.6	64.6	66.6	67.4	68.5	69.1	69.1	70.0	70.3	70.3	70.4	70.5	70.9	71.5
GE 2500	34.9	59.1	64.3	67.6	69.7	70.6	71.9	72.7	72.7	73.5	73.9	73.9	74.0	74.1	74.4	75.1
GE 2000	36.7	61.5	66.9	70.4	72.5	73.5	74.8	75.7	75.7	76.6	76.9	76.9	77.0	77.1	77.4	78.1
GE 1800	36.6	62.4	67.8	71.5	73.5	74.6	76.0	76.9	76.9	77.7	78.1	78.1	78.2	78.3	78.6	79.2
GE 1600	37.2	64.4	69.9	74.0	76.0	77.1	78.5	79.5	79.5	80.3	80.6	80.6	80.8	80.9	81.2	81.8
GE 1200	37.7	67.0	72.8	77.1	79.7	80.9	82.4	83.4	83.8	84.6	84.9	84.9	85.1	85.2	85.5	86.1
GE 1000	37.7	67.2	73.0	77.4	80.0	81.3	83.2	84.4	84.4	85.3	85.6	85.6	85.7	85.8	86.1	86.8
GE 900	37.8	67.6	73.5	78.0	80.8	82.2	84.5	85.7	85.7	86.7	87.0	87.0	87.1	87.2	87.5	88.2
GE 800	38.0	68.2	74.4	79.0	82.0	83.5	86.1	87.3	87.3	88.3	88.6	88.6	88.7	88.8	89.1	89.8
GE 700	38.2	68.3	74.7	80.2	83.3	85.1	88.2	89.5	89.5	90.4	90.8	90.8	90.9	91.0	91.3	91.9
GE 600	38.0	68.3	74.6	80.5	83.7	85.7	89.5	91.0	91.0	91.9	92.3	92.3	92.4	92.5	92.8	93.4
GE 500	38.0	68.3	74.8	80.6	84.0	86.5	90.6	92.7	92.7	93.8	94.1	94.1	94.2	94.3	94.6	95.3
GE 400	38.0	68.3	74.8	80.6	84.2	87.1	91.3	93.6	93.6	94.9	95.3	95.3	95.4	95.5	95.8	96.6
GE 300	38.0	68.3	74.8	80.6	84.2	87.1	91.4	93.8	93.8	95.5	95.8	95.8	95.9	96.0	96.3	97.6
GE 200	38.0	68.3	74.8	80.6	84.2	87.1	91.7	94.1	94.1	95.9	96.5	96.5	96.7	96.9	97.3	98.9
GE 100	38.0	68.3	74.8	80.6	84.2	87.1	91.7	94.1	94.1	95.9	96.6	96.6	96.9	97.1	97.5	99.2
GE 0	38.0	68.3	74.8	80.6	84.2	87.1	91.7	94.1	94.1	96.0	96.7	96.7	97.1	97.4	97.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: OCT 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 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.7	37.0	39.1	41.0	42.4	42.9	43.5	43.7	43.7	43.8	43.9	43.9	43.9	43.9	43.9	44.2
GE 20000	28.3	41.3	43.9	45.9	47.6	48.5	49.6	49.7	49.7	49.8	49.9	49.9	49.9	49.9	49.9	50.2
GE 18000	28.4	41.4	44.0	46.0	47.7	48.6	49.7	49.8	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.3
GE 16000	28.4	41.4	44.0	46.0	47.7	48.6	49.7	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.3
GE 14000	28.5	41.5	44.1	46.1	47.8	48.7	49.8	49.9	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.4
GE 12000	28.7	41.8	44.4	46.5	48.2	49.0	50.1	50.2	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.8
GE 10000	29.1	43.2	46.0	48.1	49.8	50.8	51.9	51.9	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.5
GE 9000	29.8	44.2	47.0	49.0	50.9	51.8	52.9	53.0	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.5
GE 8000	30.5	46.5	49.4	51.6	53.7	54.6	55.7	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.3
GE 7000	31.8	48.2	51.2	53.6	55.6	56.6	57.6	57.7	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.3
GE 6000	32.6	49.2	52.3	54.8	56.7	57.6	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.4
GE 5000	33.3	51.0	54.2	56.6	58.7	59.7	60.9	61.0	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.5
GE 4500	34.1	52.4	55.9	58.5	60.4	61.4	62.6	62.8	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.5
GE 4000	34.7	53.0	56.5	59.1	61.1	62.0	63.3	63.5	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.3
GE 3500	35.3	53.6	57.3	60.1	62.0	63.2	64.6	64.8	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.6
GE 3000	36.6	55.6	59.4	62.2	64.1	65.6	67.1	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.7	68.1
GE 2500	39.7	59.2	63.3	66.5	68.6	70.5	72.2	72.6	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.3
GE 2000	41.9	62.6	66.8	70.0	72.4	74.4	76.0	76.5	76.5	76.8	76.9	76.9	76.9	76.9	76.9	77.2
GE 1800	42.2	63.2	67.5	70.8	73.2	75.3	76.9	77.3	77.3	77.6	77.7	77.7	77.7	77.7	77.7	78.1
GE 1600	42.9	65.4	69.8	73.1	75.8	77.8	79.7	80.2	80.2	80.5	80.6	80.6	80.6	80.6	80.6	81.0
GE 1200	43.3	68.1	72.7	76.5	79.5	81.6	83.7	84.3	84.3	84.6	84.7	84.7	84.7	84.7	84.7	85.1
GE 1000	43.3	69.1	74.2	78.4	81.7	84.0	86.1	86.6	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.5
GE 900	43.3	69.4	74.8	79.0	82.6	85.2	87.7	88.5	88.5	88.8	88.9	88.9	88.9	88.9	88.9	89.2
GE 800	43.3	69.8	75.4	79.6	83.2	86.1	89.1	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.8
GE 700	43.3	70.6	76.5	80.9	84.6	87.5	91.7	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.9
GE 600	43.3	70.8	76.7	81.3	85.2	88.2	92.5	93.7	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.4
GE 500	43.3	70.8	76.7	81.5	85.4	88.7	93.0	94.8	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.8
GE 400	43.3	70.8	76.7	81.6	85.5	88.8	93.2	95.7	95.8	97.5	97.8	97.8	97.8	97.8	97.8	98.2
GE 300	43.3	70.8	76.7	81.6	85.5	88.8	93.3	96.0	96.1	98.0	98.5	98.6	98.6	98.7	98.7	99.2
GE 200	43.3	70.8	76.7	81.6	85.5	88.8	93.3	96.0	96.1	98.0	98.6	98.7	98.8	98.9	99.2	99.9
GE 100	43.3	70.8	76.7	81.6	85.5	88.8	93.3	96.0	96.1	98.0	98.7	98.8	98.9	99.0	99.4	100.0
GE 0	43.3	70.8	76.7	81.6	85.5	88.8	93.3	96.0	96.1	98.0	98.7	98.8	98.9	99.0	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 HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET		VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.8	38.0	38.9	39.7	40.2	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 20000	33.3	43.3	45.1	46.0	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 18000	33.3	43.3	45.1	46.0	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 16000	33.3	43.3	45.1	46.0	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 14000	33.9	44.0	45.7	46.7	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 12000	34.5	44.6	46.3	47.3	48.1	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 10000	35.1	45.9	47.7	48.7	49.5	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 9000	35.6	46.9	48.7	49.7	50.4	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 8000	36.6	49.1	51.1	52.3	53.0	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 7000	37.4	50.4	52.4	53.7	54.4	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 6000	38.3	51.7	53.7	54.9	55.7	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 5000	39.4	53.5	55.6	56.9	57.7	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4500	40.4	54.8	57.1	58.5	59.4	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 4000	41.7	56.3	58.6	60.0	61.0	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 3500	44.0	59.1	61.5	62.9	64.0	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 3000	47.7	63.5	66.0	67.5	68.8	69.0	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 2500	52.4	70.9	73.7	75.2	76.8	77.0	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2000	54.4	75.5	78.6	80.1	81.8	82.2	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	54.6	76.8	80.5	82.0	83.9	84.2	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1500	55.3	78.8	82.7	84.4	86.2	86.6	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200	55.3	80.1	84.4	86.8	89.0	89.6	91.4	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000	55.3	81.0	85.4	86.1	90.4	91.1	93.0	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	55.3	81.2	85.7	88.4	91.3	92.2	94.4	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	55.3	81.4	86.2	88.9	91.9	93.0	95.5	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	55.3	81.6	86.3	89.7	92.9	94.2	97.3	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	55.3	81.8	86.7	90.1	93.4	94.8	98.1	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	55.3	81.8	86.7	90.1	93.4	94.8	98.1	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	55.3	81.8	86.7	90.1	93.4	94.8	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	55.3	81.8	86.7	90.1	93.4	94.8	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	55.3	81.8	86.7	90.1	93.4	94.8	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	55.3	81.8	86.7	90.1	93.4	94.8	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	55.3	81.8	86.7	90.1	93.4	94.8	98.2	99.1	99.1	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.1	40.7	41.6	42.0	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	35.6	46.2	47.8	48.2	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 18000	35.6	46.2	47.8	48.2	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 16000	35.6	46.2	47.8	48.2	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 14000	36.3	47.0	48.7	49.1	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 12000	36.8	47.7	49.3	49.7	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 10000	38.0	49.6	51.2	51.7	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 9000	38.5	51.0	52.6	53.1	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 8000	40.0	53.6	55.3	55.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 7000	40.4	54.5	56.3	56.7	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 6000	41.2	55.5	57.4	57.8	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 5000	43.4	58.7	60.6	61.0	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 4500	45.7	61.4	63.4	63.8	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 4000	46.6	62.8	64.9	65.3	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 3500	49.7	67.5	69.9	70.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 3000	53.1	71.8	74.4	75.1	76.4	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2500	55.9	76.6	79.3	80.1	81.6	81.9	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2200	57.3	78.8	82.4	83.3	84.7	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	57.5	81.7	85.3	86.2	88.1	88.5	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1800	57.7	82.6	86.3	87.3	89.3	89.9	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1600	57.8	84.0	87.9	89.7	91.7	92.5	93.3	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1400	57.8	84.3	88.3	90.4	92.5	93.4	94.5	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	57.8	84.4	88.5	90.7	92.9	94.0	95.4	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	57.8	84.6	88.7	91.0	93.1	94.4	96.0	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	57.8	84.6	88.9	91.3	93.9	95.5	97.2	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	57.8	84.6	88.9	91.3	94.1	95.8	97.5	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	57.8	84.6	88.9	91.3	94.1	95.9	97.6	98.6	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	57.8	84.6	89.0	91.4	94.3	96.1	98.0	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	57.8	84.6	89.0	91.4	94.3	96.1	98.0	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	57.8	84.6	89.0	91.4	94.3	96.1	98.0	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	57.8	84.6	89.0	91.4	94.3	96.1	98.0	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	57.8	84.6	89.0	91.4	94.3	96.1	98.0	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	57.8	84.6	89.0	91.4	94.3	96.1	98.0	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	57.8	84.6	89.0	91.4	94.3	96.1	98.0	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: OCT 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 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.5	43.2	43.8	44.7	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 20000	39.6	49.2	49.9	51.2	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 18000	39.6	49.2	49.9	51.2	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 16000	39.6	49.2	49.9	51.2	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	39.9	49.6	50.2	51.5	52.0	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 12000	40.5	50.3	51.0	52.3	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 10000	42.5	52.8	53.8	55.2	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 9000	43.8	54.5	55.5	56.9	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 8000	44.3	56.1	57.2	58.6	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 7000	45.1	58.1	59.1	60.6	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 6000	45.5	58.6	59.7	61.2	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 5000	48.8	62.9	64.3	65.8	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4500	50.2	65.8	67.3	68.8	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4000	51.7	67.6	69.2	70.8	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3500	54.7	71.8	73.7	75.5	76.8	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000	57.6	75.9	77.8	79.8	81.2	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2500	59.1	80.2	82.2	84.3	85.9	85.9	86.3	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	59.9	82.5	84.5	86.8	88.3	88.5	88.9	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	60.2	83.5	85.8	88.2	89.7	89.9	90.4	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1600	60.4	84.2	86.5	89.0	90.8	91.0	91.5	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1200	60.6	85.2	87.4	90.1	92.0	92.3	92.9	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	60.8	85.4	88.0	90.8	92.8	93.2	93.9	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	60.8	85.5	88.5	91.4	93.4	93.9	94.8	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	60.8	85.6	88.7	91.7	93.9	94.3	95.2	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	60.8	85.7	88.8	92.3	94.5	95.2	96.5	97.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	60.8	85.7	88.9	92.6	94.9	95.7	97.2	98.0	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	60.8	85.7	88.9	92.6	94.9	95.7	97.2	98.1	98.2	98.8	99.0	98.9	98.9	98.9	98.9	98.9
GE 400	60.8	85.7	88.9	92.6	94.9	95.9	97.4	98.7	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	60.8	85.7	88.9	92.6	94.9	95.9	97.5	98.8	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	60.8	85.7	88.9	92.6	94.9	95.9	97.5	98.9	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	60.8	85.7	88.9	92.6	94.9	95.9	97.5	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	61.5	85.7	88.9	92.6	94.9	95.9	97.5	98.9	99.1	99.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: OCT 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	37.4	44.4	44.8	45.6	46.3	46.6	46.8	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	39.8	48.2	48.7	49.7	50.3	50.5	50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 18000	39.8	48.2	48.7	49.7	50.3	50.5	50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 16000	39.8	48.2	48.7	49.7	50.3	50.5	50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 14000	39.8	48.2	48.7	49.7	50.3	50.5	50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 12000	40.9	49.7	50.2	51.2	51.8	52.0	52.3	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 10000	43.7	53.0	53.5	54.5	55.3	55.5	55.7	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 9000	45.2	54.6	55.2	56.1	56.9	57.1	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 8000	45.6	56.1	56.7	57.6	58.5	58.7	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 7000	46.3	57.2	57.7	58.7	59.7	59.9	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 6000	46.9	58.0	58.5	59.5	60.4	60.6	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 5000	50.1	62.6	63.3	64.6	65.6	65.8	66.0	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4500	52.0	65.6	66.6	68.0	69.1	69.4	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	52.8	67.2	68.2	69.6	70.9	71.1	71.5	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3500	54.7	70.2	71.2	72.6	74.1	74.3	74.7	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	57.1	73.8	74.8	76.8	78.2	78.4	79.5	79.8	79.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	58.5	77.4	79.8	81.5	83.0	83.2	83.8	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	59.6	79.5	81.0	83.7	85.3	85.6	86.2	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1800	60.1	80.6	82.5	85.6	87.2	87.5	88.2	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1600	60.5	81.3	83.9	86.7	88.4	88.7	89.5	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1200	60.9	82.6	85.4	88.4	90.4	90.8	91.6	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1000	60.9	83.1	86.5	89.5	91.8	92.4	93.4	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 900	60.9	83.2	86.6	89.6	91.9	92.5	93.5	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 800	60.9	83.7	87.0	90.1	92.6	93.1	94.2	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 700	60.9	84.2	87.5	90.8	93.2	94.1	95.6	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	60.9	84.4	88.0	91.5	94.2	95.3	96.9	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	60.9	84.4	88.1	91.6	94.3	95.6	97.3	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	60.9	84.4	88.1	91.8	94.5	95.8	97.6	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	60.9	84.4	88.1	92.2	94.8	96.1	98.4	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	60.9	84.4	88.1	92.2	94.8	96.1	98.4	99.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	60.9	84.4	88.1	92.2	94.8	96.1	98.4	99.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	60.9	84.4	88.1	92.2	94.8	96.1	98.4	99.0	99.0	99.9	99.9	99.9	99.9	99.9	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: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: OCT 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	31.6	41.0	42.3	43.3	44.2	44.5	44.8	44.9	44.9	45.0	45.1	45.1	45.2	45.2	45.3	45.5
GE 20000	34.1	45.1	46.7	47.9	48.9	49.2	49.6	49.7	49.7	49.9	50.0	50.0	50.0	50.0	50.1	50.3
GE 18000	34.1	45.1	46.7	47.9	48.9	49.2	49.6	49.8	49.8	49.9	50.0	50.0	50.0	50.0	50.1	50.4
GE 16000	34.1	45.1	46.7	47.9	48.9	49.2	49.6	49.8	49.8	49.9	50.0	50.0	50.0	50.0	50.1	50.4
GE 14000	34.3	45.4	47.0	48.1	49.2	49.5	49.9	50.0	50.0	50.1	50.2	50.2	50.3	50.3	50.4	50.6
GE 12000	34.9	46.1	47.7	48.9	49.9	50.2	50.6	50.7	50.7	50.9	50.9	50.9	51.0	51.0	51.1	51.3
GE 10000	36.9	48.7	50.3	51.6	52.6	52.9	53.3	53.5	53.5	53.6	53.7	53.7	53.7	53.7	53.9	54.1
GE 9000	37.4	49.1	51.8	53.0	54.1	54.4	54.8	54.9	54.9	55.1	55.2	55.2	55.2	55.2	55.3	55.5
GE 8000	38.4	50.2	54.0	55.3	56.4	56.8	57.2	57.3	57.3	57.5	57.5	57.5	57.6	57.6	57.7	57.9
GE 7000	39.3	53.7	55.5	56.9	58.0	58.3	58.7	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.3	59.5
GE 6000	39.9	54.6	56.5	57.8	59.0	59.3	59.7	59.8	59.8	60.0	60.1	60.1	60.1	60.1	60.2	60.4
GE 5000	41.7	57.4	59.5	61.0	62.2	62.5	63.0	63.2	63.2	63.3	63.4	63.4	63.4	63.5	63.6	63.8
GE 4500	43.1	59.6	61.8	63.4	64.7	65.0	65.5	65.7	65.7	65.9	66.0	66.0	66.0	66.0	66.1	66.4
GE 4000	44.1	60.9	63.2	64.8	66.2	66.5	67.1	67.2	67.2	67.4	67.5	67.5	67.6	67.6	67.7	67.9
GE 3500	46.1	63.9	66.3	68.1	69.5	69.9	70.5	70.7	70.7	70.9	71.0	71.0	71.0	71.0	71.1	71.3
GE 3000	48.3	67.3	69.9	72.0	73.4	73.9	74.6	74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.2	75.4
GE 2500	50.5	71.2	74.0	76.3	78.0	78.6	79.4	79.6	79.6	79.9	80.0	80.0	80.1	80.1	80.2	80.4
GE 2000	51.7	73.9	76.9	79.3	81.2	81.9	82.7	83.0	83.0	83.3	83.4	83.4	83.5	83.5	83.6	83.8
GE 1800	52.0	74.9	78.2	80.6	82.5	83.2	84.1	84.5	84.5	84.8	84.9	84.9	84.9	84.9	85.0	85.2
GE 1500	52.6	76.4	79.8	82.4	84.4	85.1	86.1	86.5	86.5	86.8	86.9	86.9	86.9	86.9	87.0	87.3
GE 1200	53.0	78.0	81.6	84.5	86.8	87.7	88.8	89.3	89.3	89.7	89.7	89.7	89.8	89.8	89.9	90.1
GE 1000	53.1	78.6	82.3	85.5	87.9	88.9	90.2	90.7	90.8	91.1	91.2	91.2	91.2	91.2	91.3	91.5
GE 900	53.1	78.7	82.7	85.9	88.5	89.6	91.1	91.7	91.7	92.1	92.2	92.2	92.2	92.2	92.4	92.6
GE 800	53.1	79.1	83.1	86.4	89.1	90.3	92.1	92.7	92.7	93.1	93.2	93.2	93.3	93.3	93.4	93.6
GE 700	53.1	79.3	83.5	87.1	90.0	91.4	93.5	94.2	94.3	94.7	94.8	94.8	94.9	94.9	95.0	95.2
GE 600	53.1	79.4	83.7	87.5	90.5	92.1	94.4	95.2	95.3	95.8	95.9	95.9	95.9	96.0	96.1	96.3
GE 500	53.1	79.4	83.7	87.8	90.8	92.6	95.1	96.2	96.2	96.8	96.9	96.9	97.0	97.0	97.1	97.3
GE 400	53.1	79.4	83.7	87.9	91.0	92.9	95.5	96.8	96.9	97.8	97.9	97.9	97.9	98.0	98.1	98.3
GE 300	53.1	79.4	83.7	87.9	91.0	93.0	96.0	97.3	97.3	98.3	98.5	98.5	98.6	98.6	98.7	99.1
GE 200	53.1	79.4	83.7	87.9	91.0	93.0	95.9	97.4	97.4	98.5	98.7	98.8	98.8	98.9	99.1	99.5
GE 100	53.1	79.4	83.7	87.9	91.0	93.0	95.9	97.4	97.5	98.5	98.8	98.8	98.9	99.0	99.2	99.7
GE 0	53.1	79.4	83.7	87.9	91.0	93.0	95.9	97.4	97.5	98.5	98.8	98.9	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: NOV 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 0
NO CEIL	21.9	29.8	31.0	32.7	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	
GE 20000	24.3	33.0	34.2	36.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 18000	24.3	33.0	34.2	36.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 16000	24.3	33.0	34.2	36.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 14000	24.3	33.0	34.2	36.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 12000	24.6	33.6	34.8	36.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 10000	26.9	36.8	38.2	40.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 9000	26.9	37.4	38.9	40.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 8000	29.6	40.1	41.6	43.3	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 7000	30.1	42.3	43.8	45.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 6000	30.4	42.9	44.6	46.4	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 5000	37.6	46.9	48.6	50.7	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 4500	34.3	49.0	50.7	52.9	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 4000	34.9	50.1	51.6	54.3	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 3500	36.0	52.4	54.1	56.8	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 3000	38.4	56.2	59.7	61.7	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 2500	41.4	60.8	63.9	67.2	69.2	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 2000	43.2	64.2	67.6	71.2	73.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 1800	44.0	65.9	69.2	73.0	75.1	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1600	46.2	69.9	73.3	77.3	79.4	79.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1200	47.7	73.6	77.6	81.6	84.4	84.8	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	48.3	75.2	79.3	83.8	86.4	86.8	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	48.3	75.7	79.9	84.8	87.9	88.4	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 800	48.3	76.3	80.6	86.0	89.4	90.0	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 700	48.3	77.0	81.4	87.1	90.7	91.6	92.3	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	48.3	77.3	82.0	87.9	91.9	92.6	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	48.3	77.6	82.2	88.1	92.2	93.2	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 400	48.3	77.6	82.3	88.2	92.3	93.4	95.6	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 300	48.3	77.6	82.3	88.3	92.4	93.7	96.0	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 200	48.3	77.6	82.3	88.3	92.4	93.8	96.2	97.3	97.4	98.2	98.8	98.8	98.9	98.9	98.9	98.9
GE 100	48.3	77.6	82.3	88.3	92.4	93.8	96.2	97.3	97.4	98.2	98.9	98.9	99.1	99.3	99.6	99.6
GE 0	48.3	77.6	82.3	88.3	92.4	93.8	96.2	97.3	97.4	98.2	98.9	98.9	99.1	99.4	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 7/16	GE 1/4	GE 0
NO CEIL	20.0	30.6	31.1	32.6	33.7	33.7	33.9	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 20000	21.8	32.4	33.1	34.7	35.8	35.8	36.2	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 18000	21.8	32.4	33.1	34.7	35.8	35.8	36.2	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 16000	21.8	32.4	33.1	34.7	35.8	35.8	36.2	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 14000	21.8	32.4	33.1	34.7	35.8	35.8	36.2	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 12000	21.9	32.7	33.3	34.9	36.0	36.0	36.4	36.7	36.7	36.8	36.9	36.8	36.9	36.8	36.8	36.8
GE 10000	24.1	35.6	36.2	37.8	38.9	38.9	39.3	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 9000	24.1	36.2	37.0	38.6	39.7	39.7	40.1	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 8000	25.1	38.0	39.0	40.6	41.7	41.7	42.1	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 7000	25.6	39.1	40.3	42.2	43.3	43.3	43.8	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 6000	26.2	40.0	41.2	43.2	44.4	44.4	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 5000	28.3	43.2	44.4	47.0	48.3	48.3	48.8	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 4500	29.4	45.4	46.7	49.7	51.0	51.0	51.4	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 4000	30.0	46.6	47.9	51.0	52.3	52.4	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 3500	32.4	50.2	51.7	54.8	56.2	56.3	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 3000	35.1	55.4	57.0	60.1	61.6	61.7	62.1	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 2500	37.6	60.4	62.2	66.2	67.8	67.9	68.4	68.5	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 2000	40.3	64.4	66.3	70.6	72.3	72.4	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 1800	40.9	65.6	67.7	72.0	73.8	73.9	74.4	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 1600	42.4	68.6	70.9	75.3	77.2	77.4	78.0	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1400	44.1	71.9	74.3	78.9	80.9	81.1	81.7	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1200	44.4	72.9	75.9	80.4	82.7	82.9	83.4	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1000	44.6	73.7	76.9	81.4	83.8	84.0	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 900	44.6	74.1	77.6	82.6	85.1	85.3	86.2	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 800	44.6	74.6	78.2	83.7	86.7	87.0	88.1	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 700	44.6	75.2	79.2	85.2	88.9	89.6	90.9	91.3	91.3	91.4	91.8	91.6	91.8	91.8	91.9	91.8
GE 600	44.6	75.4	79.6	85.7	89.7	90.7	92.9	93.4	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	44.6	75.8	80.0	86.1	90.1	91.1	93.4	94.3	94.3	94.7	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	44.6	75.8	80.0	86.1	90.1	91.6	94.9	96.0	96.0	96.6	97.2	97.2	97.4	97.4	97.6	97.6
GE 300	44.6	75.9	80.1	86.2	90.2	91.7	95.0	96.1	96.1	97.2	98.1	98.1	98.3	98.4	98.6	98.8
GE 100	44.6	75.9	80.1	86.2	90.2	91.7	95.0	96.1	96.1	97.5	98.6	98.6	98.9	99.1	99.2	99.4
GE 0	44.6	75.9	80.2	86.3	90.3	91.8	95.1	96.2	96.2	97.7	98.7	98.7	99.0	99.2	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 HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: NOV 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	25.9	25.4	27.1	28.3	29.4	30.2	30.7	30.7	30.7	30.8	31.0	31.0	31.0	31.0	31.1	31.3
GE 20000	16.7	27.0	28.7	30.0	31.2	32.0	32.6	32.6	32.6	32.7	32.9	32.9	32.9	32.9	33.0	33.3
GE 18000	16.7	27.0	28.7	30.0	31.2	32.0	32.6	32.6	32.6	32.7	32.9	32.9	32.9	32.9	33.0	33.3
GE 16000	16.7	27.0	28.7	30.0	31.2	32.0	32.6	32.6	32.6	32.7	32.9	32.9	32.9	32.9	33.0	33.3
GE 14000	16.8	27.1	28.8	30.1	31.3	32.1	32.7	32.7	32.7	32.8	33.0	33.0	33.0	33.0	33.1	33.4
GE 12000	17.0	27.3	29.0	30.3	31.6	32.3	32.9	32.9	32.9	33.0	33.2	33.2	33.2	33.2	33.3	33.7
GE 10000	18.3	29.6	31.2	32.6	33.8	34.6	35.2	35.2	35.2	35.3	35.6	35.6	35.6	35.6	35.7	36.0
GE 9000	18.4	30.3	32.1	33.6	34.9	35.7	36.3	36.3	36.3	36.4	36.7	36.7	36.7	36.7	36.8	37.1
GE 8000	19.2	31.7	33.6	35.1	36.4	37.2	37.9	37.9	37.9	38.0	38.2	38.2	38.2	38.2	38.3	38.7
GE 7000	19.7	32.6	34.6	36.3	37.6	38.6	39.2	39.2	39.2	39.3	39.6	39.6	39.6	39.6	39.7	40.0
GE 6000	20.1	33.7	35.7	37.4	39.0	39.9	40.6	40.6	40.6	40.7	40.9	40.9	40.9	40.9	41.0	41.3
GE 5000	21.4	36.7	39.0	41.3	42.9	44.0	44.7	44.7	44.7	44.8	45.0	45.0	45.0	45.0	45.1	45.4
GE 4500	22.2	38.6	41.1	43.6	45.1	46.2	46.9	46.9	46.9	47.0	47.2	47.2	47.2	47.2	47.3	47.7
GE 4000	23.6	39.9	42.6	45.0	46.9	48.0	48.8	48.8	48.8	48.9	49.1	49.1	49.1	49.1	49.2	49.6
GE 3500	24.8	42.2	45.0	47.6	49.7	50.9	51.7	51.7	51.7	51.8	52.0	52.0	52.0	52.0	52.1	52.4
GE 3000	27.6	45.8	48.9	51.8	53.9	55.1	56.1	56.1	56.1	56.2	56.4	56.4	56.4	56.4	56.6	56.9
GE 2500	30.0	50.4	53.7	57.2	59.4	60.8	61.9	62.0	62.0	62.1	62.3	62.3	62.3	62.3	62.4	62.8
GE 2000	31.9	54.6	58.7	62.9	65.1	66.7	67.9	68.1	68.1	68.2	68.4	68.4	68.4	68.4	68.6	68.9
GE 1800	33.2	56.8	60.8	65.1	67.3	68.9	70.1	70.3	70.3	70.4	70.7	70.7	70.7	70.7	70.8	71.1
GE 1500	35.2	60.7	65.1	69.8	72.2	73.8	75.0	75.2	75.2	75.3	75.6	75.6	75.6	75.6	75.7	76.0
GE 1200	36.4	63.4	68.4	73.6	76.0	77.7	79.3	79.7	79.7	79.8	80.1	80.1	80.1	80.1	80.2	80.6
GE 1000	36.8	64.9	70.1	75.2	77.7	79.8	81.4	81.9	81.9	82.0	82.3	82.3	82.3	82.3	82.4	82.8
GE 900	36.8	65.4	70.8	76.0	78.6	80.7	82.6	83.0	83.0	83.1	83.4	83.4	83.4	83.4	83.6	83.9
GE 800	36.9	65.8	71.2	76.8	79.3	81.4	83.6	84.2	84.2	84.4	84.8	84.8	84.8	84.8	84.9	85.2
GE 700	36.9	66.2	71.7	77.4	80.1	82.4	84.9	85.6	85.8	86.0	86.3	86.3	86.3	86.3	86.4	86.8
GE 600	36.9	66.4	72.0	78.0	81.1	83.9	86.4	87.3	87.7	88.1	88.4	88.4	88.4	88.4	88.6	88.9
GE 500	36.9	66.7	72.8	79.1	82.8	86.3	89.7	91.1	91.4	92.1	92.7	92.7	92.7	92.7	92.8	93.1
GE 400	37.0	66.9	73.0	79.5	83.2	87.3	91.4	93.2	93.6	94.4	95.1	95.1	95.1	95.1	95.2	95.6
GE 300	37.0	66.9	73.0	79.4	83.3	87.6	92.4	94.6	95.0	95.9	96.7	96.7	96.8	96.8	97.1	97.4
GE 200	37.0	66.9	73.0	79.4	83.3	87.6	92.7	94.9	95.3	96.4	97.7	97.7	98.1	98.2	98.6	98.9
GE 100	37.0	66.9	73.0	79.4	83.3	87.6	92.7	94.9	95.3	96.4	97.7	97.7	98.2	98.6	99.3	99.9
GE 0	37.0	66.9	73.0	79.4	83.3	87.6	92.7	94.9	95.3	96.4	97.7	97.7	98.2	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: NOV 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	17.0	24.2	26.9	28.6	29.4	31.0	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.6
GE 20000	18.4	26.9	29.6	31.3	32.2	34.1	34.3	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.9
GE 18000	18.4	26.9	29.6	31.3	32.2	34.1	34.3	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.9
GE 16000	18.4	26.9	29.6	31.3	32.2	34.1	34.3	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.9
GE 14000	18.4	26.9	29.6	31.3	32.2	34.1	34.3	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.9
GE 12000	18.6	27.1	29.8	31.6	32.4	34.4	34.7	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.2
GE 10000	19.4	28.2	30.9	32.9	33.8	36.2	36.7	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.2
GE 9000	19.9	29.0	31.8	33.9	34.8	37.3	37.8	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.3
GE 8000	20.9	30.3	33.1	35.2	36.1	39.0	39.4	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	40.0
GE 7000	21.3	31.4	34.4	36.7	37.7	40.7	41.1	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.7
GE 6000	22.0	32.8	35.9	38.1	39.1	42.4	42.9	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.4
GE 5000	23.0	35.9	39.1	41.3	42.3	45.8	46.6	46.8	46.9	46.8	46.9	46.9	46.9	46.9	46.9	47.1
GE 4500	23.8	37.6	41.0	43.4	44.4	48.0	48.8	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.4
GE 4000	24.6	38.8	42.4	45.0	46.0	49.6	50.4	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.1
GE 3500	25.6	41.2	44.9	47.6	48.6	52.6	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.3
GE 3000	26.9	43.1	47.1	49.9	50.9	54.9	56.0	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.7
GE 2500	30.2	48.0	52.2	55.3	56.4	60.6	62.0	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.7
GE 2000	32.1	51.9	56.7	60.2	61.8	66.0	67.6	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.2
GE 1800	33.6	55.0	59.8	63.4	65.2	69.4	71.0	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.8
GE 1500	34.9	57.4	62.4	66.4	68.3	72.6	74.6	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.3
GE 1200	35.6	60.0	65.6	70.1	72.3	76.8	79.0	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.8
GE 1000	35.8	60.4	66.1	71.2	73.4	78.7	80.9	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	82.1
GE 900	35.8	61.0	67.1	72.6	75.2	80.8	83.3	84.6	84.7	84.7	84.9	84.9	84.9	84.9	84.9	85.1
GE 800	36.0	61.6	67.6	73.2	75.9	81.9	84.6	86.1	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.7
GE 700	36.0	62.1	68.4	74.1	76.9	83.6	87.0	88.7	88.8	89.1	89.6	89.6	89.6	89.6	89.6	89.8
GE 600	36.0	62.1	68.4	74.2	77.1	83.8	87.3	89.4	89.6	89.9	90.3	90.3	90.3	90.3	90.3	90.6
GE 500	36.0	62.4	68.8	74.7	78.1	85.2	89.7	92.2	92.6	92.9	93.3	93.3	93.4	93.4	93.4	93.7
GE 400	36.0	62.4	68.8	74.7	78.1	85.6	91.1	94.7	95.0	95.7	96.1	96.1	96.2	96.2	96.2	96.4
GE 300	36.0	62.4	68.8	74.7	78.1	85.7	91.4	95.6	96.0	97.2	97.9	97.9	98.0	98.0	98.0	98.2
GE 200	36.0	62.4	68.8	74.7	78.1	85.7	91.4	95.6	96.1	97.6	98.7	98.7	99.0	99.0	99.2	99.6
GE 100	36.0	62.4	68.8	74.7	78.1	85.7	91.4	95.6	96.1	97.6	98.7	98.7	99.0	99.2	99.6	100.0
GE 0	36.0	62.4	68.8	74.7	78.1	85.7	91.4	95.6	96.1	97.6	98.7	98.7	99.0	99.2	99.6	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: NOV 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 7/8	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	21.4	30.9	31.8	32.0	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 20000	25.1	35.9	36.9	37.4	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 18000	25.1	35.9	36.9	37.4	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 16000	25.1	35.9	36.9	37.4	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 14000	25.4	36.4	37.4	37.8	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 12000	25.5	36.9	37.9	38.4	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 10000	26.4	38.7	39.8	40.4	41.0	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 9000	26.9	39.4	40.5	41.0	41.7	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 8000	27.9	41.3	42.4	42.9	43.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 7000	29.0	41.7	42.9	43.5	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 6000	28.6	42.7	43.9	44.5	45.5	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 5000	29.6	44.7	46.3	47.2	48.4	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 4500	30.4	45.6	47.3	48.2	49.4	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 4000	30.9	46.8	48.5	49.5	50.8	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 3500	31.9	49.1	50.7	52.1	53.4	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 3000	33.7	51.6	53.5	54.9	56.3	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 2500	37.6	57.6	59.7	61.2	62.6	63.6	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 2000	39.9	62.1	64.5	66.2	67.6	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 1800	40.9	64.7	67.2	69.1	70.5	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1600	42.3	68.5	71.1	73.2	75.0	76.3	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1400	42.9	71.7	74.7	76.9	79.3	80.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1200	43.2	73.0	76.5	79.0	81.9	83.6	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1000	43.2	73.9	77.5	80.2	83.3	85.4	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 900	43.3	74.4	78.3	81.3	85.0	87.2	88.7	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	43.3	75.0	78.9	82.1	85.9	88.1	90.5	91.8	91.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	43.3	75.2	79.2	82.5	86.4	88.9	91.7	92.9	92.9	93.2	93.5	93.5	93.5	93.5	93.5	93.5
GE 600	43.3	75.5	79.5	82.9	87.0	90.3	94.1	96.1	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	43.3	75.5	79.6	83.1	87.2	90.8	95.1	97.8	97.9	98.4	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	43.3	75.5	79.6	83.1	87.2	90.8	95.1	98.0	98.1	99.0	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	43.3	75.5	79.6	83.1	87.2	90.8	95.1	98.0	98.2	99.2	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	43.3	75.5	79.6	83.1	87.2	90.8	95.1	98.0	98.2	99.2	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: NOV 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	20.6	30.7	32.0	32.2	32.6	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 20000	24.0	36.4	38.0	38.3	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 18000	24.0	36.4	38.0	38.3	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 16000	24.0	36.4	38.0	38.3	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 14000	24.0	36.4	38.0	38.3	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 12000	24.7	37.4	39.0	39.3	39.8	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 10000	27.0	41.1	42.7	43.0	43.4	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 9000	27.4	41.9	43.4	43.8	44.2	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 8000	28.0	43.4	45.0	45.3	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 7000	28.8	45.1	46.8	47.1	47.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 6000	29.3	46.0	47.7	48.0	48.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 5000	30.4	48.3	50.2	50.7	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 4500	30.9	49.7	51.6	52.2	53.1	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 4000	31.6	50.7	52.8	53.2	54.3	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 3500	32.3	52.6	54.7	55.1	56.2	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 3000	34.3	55.3	57.6	58.1	59.2	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 2500	39.4	61.8	64.2	64.9	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 2000	40.7	66.2	69.2	69.9	71.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1800	41.6	68.7	71.8	72.7	74.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1500	42.8	71.7	75.3	76.7	78.7	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1200	43.7	75.2	79.6	81.2	83.4	84.6	85.4	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1000	43.7	76.1	80.7	82.8	85.2	86.6	87.3	87.6	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 900	43.7	76.2	80.9	83.0	85.6	87.0	87.9	88.3	88.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	43.7	76.3	81.1	83.4	86.3	87.8	89.4	90.1	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.8
GE 700	43.7	76.6	81.6	84.1	87.0	89.0	91.2	92.1	92.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	43.7	76.7	81.9	84.6	87.7	90.3	93.1	94.2	94.3	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 500	43.7	76.7	81.9	84.8	87.9	91.0	94.3	95.6	96.0	96.8	96.9	96.9	97.0	97.0	97.0	97.0
GE 400	43.7	76.7	81.9	84.8	87.9	91.4	94.9	97.2	97.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7
GE 300	43.7	76.7	81.9	84.8	87.9	91.4	94.9	97.3	97.6	98.8	99.2	99.2	99.3	99.3	99.3	99.3
GE 200	43.7	76.7	81.9	84.8	87.9	91.4	94.9	97.3	97.7	99.0	99.6	99.6	99.7	99.7	99.9	99.9
GE 100	43.7	76.7	81.9	84.8	87.9	91.4	94.9	97.3	97.7	99.0	99.6	99.6	99.8	99.8	100.0	100.0
GE 0	43.7	76.7	81.9	84.8	87.9	91.4	94.9	97.3	97.7	99.0	99.6	99.6	99.8	99.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 9/16	GE 1/4	GE 0
NO CEIL	22.2	30.0	30.9	31.0	31.2	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 20000	26.1	35.6	36.8	37.1	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 18000	26.1	35.6	36.8	37.1	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 16000	26.1	35.8	36.8	37.1	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 14000	26.1	35.8	36.8	37.1	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 12000	26.9	37.2	38.2	38.6	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 10000	29.9	40.7	41.8	42.1	42.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 9000	29.8	42.1	43.2	43.6	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 8000	31.8	45.0	46.1	46.4	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 7000	32.8	46.9	48.1	48.4	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 6000	33.1	47.4	48.7	49.0	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 5000	34.3	50.0	51.2	51.6	52.4	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 4500	35.0	51.8	53.0	53.7	54.4	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 4000	36.0	53.3	54.6	55.3	56.2	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 3500	36.7	55.0	56.2	57.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 3000	38.1	57.3	58.9	59.6	60.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 2500	42.3	63.7	65.7	66.5	68.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 2000	44.9	69.1	71.3	72.6	73.7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 1800	45.9	71.3	73.9	75.1	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1600	46.7	74.4	77.3	78.7	79.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1200	47.7	79.2	82.6	84.2	85.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1000	47.8	79.9	83.8	85.7	87.2	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 900	47.8	80.2	84.1	86.1	87.7	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 800	47.8	80.6	84.6	87.0	88.6	89.7	90.0	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 700	47.8	80.6	84.7	87.4	89.0	90.1	90.4	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	47.8	80.6	84.7	87.9	89.8	91.2	91.9	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	47.8	80.6	84.9	88.4	91.0	92.7	94.4	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 400	47.8	80.6	84.9	88.4	91.0	92.8	94.9	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 300	47.9	80.7	85.0	88.6	91.1	93.0	95.4	97.4	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	47.9	80.7	85.0	88.6	91.1	93.0	95.8	97.9	98.4	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE 100	47.9	80.7	85.0	88.6	91.1	93.0	95.8	97.9	98.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	47.9	80.7	85.0	88.6	91.1	93.0	95.8	97.9	98.4	99.4	99.8	99.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: NOV 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 7/8	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	24.0	30.6	31.0	31.3	31.8	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 20000	27.4	36.1	36.7	37.2	37.7	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 19000	27.4	36.1	36.7	37.2	37.7	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 16000	27.4	36.1	36.7	37.2	37.7	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 14000	27.4	36.2	36.8	37.3	37.8	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 12000	27.8	36.9	37.7	38.2	38.7	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 10000	29.2	39.7	40.6	41.1	41.6	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 9000	29.4	40.4	41.4	42.0	42.4	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 8000	31.1	42.8	43.8	44.3	44.8	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 7000	33.0	45.4	46.4	47.0	47.4	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 6000	33.3	46.2	47.3	48.0	48.6	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 5000	34.7	49.4	50.9	51.7	52.3	52.7	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 4500	35.7	51.0	52.4	53.6	54.2	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 4000	35.9	51.4	52.9	54.1	54.8	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 3500	37.9	54.3	55.8	57.2	58.0	58.3	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 3000	39.7	57.4	59.3	61.0	62.1	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 2500	41.9	61.7	63.9	66.0	67.2	67.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 2200	45.6	67.1	69.6	72.1	73.6	74.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 2000	46.4	69.7	72.1	74.7	76.1	76.7	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.8	77.8	77.8
GE 1700	48.6	74.1	76.6	79.2	80.7	81.2	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1200	49.4	77.7	80.1	83.0	84.4	85.0	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1000	49.4	78.2	81.2	84.3	85.8	86.3	87.8	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 900	49.4	79.0	82.1	85.3	87.0	87.7	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	49.4	79.1	82.3	85.9	88.1	88.9	90.6	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	49.4	79.4	82.7	86.4	88.7	89.6	91.6	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	49.4	79.6	83.1	87.2	90.1	91.2	93.2	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	49.4	79.6	83.1	87.4	90.7	91.6	94.0	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 400	49.4	79.6	83.1	87.4	90.9	92.2	94.4	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 300	49.4	79.7	83.2	87.6	91.0	92.4	95.1	96.9	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 200	49.4	79.7	83.2	87.6	91.0	92.4	95.2	97.2	97.4	98.0	98.0	98.4	98.4	98.4	98.4	98.4
GE 100	49.4	79.7	83.2	87.6	91.0	92.4	95.2	97.2	97.8	98.6	98.9	98.9	99.4	99.6	99.9	99.9
GE 0	49.4	79.7	83.2	87.6	91.0	92.4	95.2	97.2	97.8	98.6	98.9	98.9	99.4	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: NOV 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	28.4	29.8	30.2	31.1	31.8	32.2	32.3	32.4	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.5
GE 20000	23.0	32.9	34.2	35.3	36.0	36.5	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.9
GE 18000	23.0	32.9	34.2	35.3	36.0	36.5	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.9
GE 16000	23.0	32.9	34.2	35.3	36.0	36.5	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.9
GE 14000	23.0	33.0	34.3	35.3	36.1	36.6	36.7	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	37.0
GE 12000	23.4	33.6	35.0	36.0	36.7	37.2	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.6
GE 10000	25.0	36.3	37.7	38.7	39.5	40.1	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.5
GE 9000	25.4	37.1	38.5	39.6	40.4	41.0	41.2	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.5
GE 8000	26.6	39.1	40.6	41.7	42.5	43.1	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.6
GE 7000	27.4	40.6	42.2	43.4	44.2	44.9	45.1	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3
GE 6000	27.5	41.5	43.1	44.3	45.3	46.1	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.5
GE 5000	29.4	44.4	46.2	47.7	48.8	49.7	49.9	50.2	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1
GE 4500	30.2	46.1	48.0	49.6	50.6	51.6	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1
GE 4000	31.9	47.2	49.2	50.9	52.1	53.1	53.4	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6
GE 3500	32.2	49.6	51.6	53.5	54.9	55.8	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4
GE 3000	34.2	52.8	55.1	57.2	58.5	59.6	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
GE 2500	37.4	58.6	60.7	63.1	64.6	65.6	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6
GE 2000	39.8	62.5	65.5	68.2	69.8	71.1	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 1800	40.8	64.7	67.8	70.6	72.3	73.6	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6
GE 1600	42.4	68.2	71.5	74.6	76.4	77.7	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9
GE 1400	43.4	71.6	75.4	78.7	80.9	82.2	83.2	83.5	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7
GE 1200	43.7	72.6	76.7	80.3	82.5	84.1	85.1	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000	43.7	73.1	77.4	81.2	83.6	85.3	86.6	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 900	43.7	73.5	77.9	82.0	84.7	86.5	87.9	88.6	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0
GE 800	43.7	73.9	78.4	82.8	85.6	87.7	89.5	90.3	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.9
GE 700	43.7	74.1	78.6	83.4	86.6	89.0	91.0	92.0	92.0	92.3	92.5	92.5	92.5	92.5	92.6	92.6
GE 600	43.7	74.3	79.1	83.9	87.4	90.2	93.0	94.3	94.4	94.6	95.0	95.0	95.0	95.0	95.1	95.1
GE 500	43.8	74.4	79.2	84.0	87.6	90.6	93.9	95.7	95.8	96.4	96.6	96.6	96.6	96.7	96.7	96.7
GE 400	43.8	74.4	79.2	84.1	87.7	90.8	94.4	96.6	96.8	97.6	98.0	98.0	98.0	98.0	98.1	98.2
GE 300	43.8	74.4	79.2	84.1	87.7	90.8	94.5	96.8	97.1	98.1	98.8	98.8	98.8	99.0	99.1	99.2
GE 200	43.8	74.4	79.2	84.1	87.7	90.8	94.5	96.8	97.1	98.2	99.0	99.0	99.3	99.4	99.7	99.8
GE 0	43.8	74.4	79.3	84.1	87.7	90.8	94.6	96.8	97.2	98.3	99.0	99.0	99.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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	21.5	28.2	29.5	30.2	30.4	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 20000	21.9	29.0	30.4	31.2	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 18000	22.0	29.2	30.6	31.4	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 16000	22.0	29.2	30.6	31.4	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 14000	22.0	29.2	30.6	31.4	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 12000	22.3	29.7	31.1	31.8	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 10000	24.0	32.5	33.9	34.8	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 9000	24.3	32.9	34.3	35.3	35.5	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 8000	25.5	34.7	36.1	37.1	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 7000	26.3	36.3	37.8	38.8	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 6000	26.9	37.0	38.5	39.5	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 5000	27.6	38.3	39.8	40.9	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 4500	28.4	39.7	41.2	42.6	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 4000	28.8	40.2	41.7	43.1	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 3500	30.2	41.9	43.4	45.1	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 3000	32.2	45.7	47.4	49.1	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 2500	35.1	52.0	54.6	56.6	56.8	57.1	57.1	57.1	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4
GE 2000	37.2	57.0	60.0	62.5	63.0	63.4	63.4	63.4	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8
GE 1800	38.1	59.4	62.4	64.8	65.6	66.0	66.0	66.0	66.0	66.3	66.6	66.6	66.6	66.6	66.6	66.6
GE 1600	39.7	62.8	65.9	68.7	69.8	70.2	70.5	70.6	70.6	71.0	71.2	71.2	71.2	71.2	71.2	71.2
GE 1400	41.5	67.4	71.3	74.9	76.4	77.4	78.0	78.1	78.1	78.5	78.7	78.7	78.7	78.7	78.7	78.7
GE 1200	41.8	68.7	73.0	76.9	78.7	79.5	80.2	80.3	80.3	80.9	81.1	81.1	81.1	81.1	81.1	81.1
GE 1000	41.9	69.0	73.7	78.0	79.8	80.6	81.6	81.7	81.7	82.3	82.5	82.5	82.5	82.5	82.5	82.5
GE 900	41.9	69.1	73.8	78.8	80.9	81.7	82.7	83.1	83.1	83.8	84.0	84.0	84.0	84.0	84.0	84.0
GE 800	42.0	69.7	74.7	80.6	82.7	83.9	85.3	85.7	85.7	86.2	86.6	86.6	86.6	86.6	86.6	86.6
GE 700	42.0	70.2	75.5	81.5	83.7	85.1	87.2	88.0	88.0	88.8	89.0	89.0	89.0	89.0	89.0	89.0
GE 600	42.0	70.2	75.8	82.3	85.1	86.6	89.8	91.6	91.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
GE 500	42.0	70.3	76.1	82.9	85.7	87.7	91.1	93.2	93.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5
GE 400	42.0	70.3	76.1	82.9	85.7	88.2	91.6	93.8	93.8	95.4	95.7	95.7	95.7	95.7	95.7	95.7
GE 300	42.0	70.3	76.1	82.9	85.7	88.2	91.6	93.9	93.9	95.9	96.5	96.5	97.0	97.0	97.1	97.1
GE 200	42.0	70.3	76.1	82.9	85.7	88.2	91.6	93.9	93.9	96.1	96.7	96.7	97.6	97.7	98.3	98.8
GE 0	42.0	70.3	76.1	82.9	85.7	88.2	91.6	93.9	93.9	96.1	96.7	96.7	98.0	98.2	98.7	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: DEC 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 9/16	GE 1/4	GE 0
NO CEIL	19.8	25.6	26.9	27.6	28.0	28.4	28.4	28.4	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 20000	20.3	26.9	28.1	28.8	29.1	29.6	29.6	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 18000	20.5	27.1	28.3	29.0	29.4	29.8	29.8	29.8	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 16000	20.5	27.1	28.3	29.0	29.4	29.8	29.8	29.8	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 14000	20.5	27.1	28.3	29.0	29.4	29.8	29.8	29.8	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 12000	20.6	27.2	28.4	29.1	29.5	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 10000	21.8	29.0	30.5	31.3	31.6	32.0	32.0	32.0	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 9000	22.4	29.9	31.4	32.2	32.5	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 8000	24.1	31.7	33.2	34.0	34.3	34.7	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 7000	25.6	33.9	35.4	36.2	36.6	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 6000	25.7	34.6	36.1	37.1	37.4	37.8	37.8	37.8	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 5000	26.3	35.6	37.1	38.1	38.4	38.8	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 4500	27.5	37.2	38.7	39.8	40.2	40.6	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 4000	27.6	37.6	39.1	40.2	40.6	41.2	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 3500	28.8	39.2	41.1	42.4	42.9	43.3	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 3000	32.4	42.7	44.7	46.1	46.7	47.2	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 2500	32.7	47.2	49.9	52.2	53.0	53.8	54.0	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 2000	35.2	54.2	57.0	59.5	60.5	61.5	61.8	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 1800	36.2	56.9	60.0	62.5	63.5	64.6	65.1	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 1500	37.0	59.7	62.9	65.7	66.8	68.1	68.8	69.1	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 1200	38.2	64.1	67.6	71.0	72.4	74.0	74.9	75.3	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1000	38.6	65.6	69.2	73.1	74.9	76.7	77.7	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 900	39.7	66.7	70.6	75.1	76.9	78.6	79.7	80.0	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 800	39.7	67.6	71.8	76.6	78.9	80.6	81.8	82.2	82.2	83.0	83.3	83.3	83.3	83.3	83.3	83.3
GE 700	39.7	68.2	72.5	77.3	79.8	81.5	82.9	83.3	83.3	84.2	84.5	84.5	84.5	84.5	84.5	84.5
GE 600	39.7	68.3	73.0	79.1	81.6	83.5	85.5	86.0	86.0	87.1	87.4	87.4	87.5	87.5	87.5	87.5
GE 500	39.7	68.8	73.5	80.3	82.8	85.1	87.6	89.2	89.2	90.4	91.0	91.0	91.3	91.3	91.3	91.3
GE 400	39.7	68.8	73.7	80.4	83.0	85.4	88.5	90.9	90.9	93.0	93.5	93.5	94.1	94.1	94.1	94.1
GE 300	39.7	68.8	73.7	80.4	83.1	85.9	89.1	91.9	92.3	94.8	95.9	95.8	96.3	96.3	96.3	96.3
GE 200	39.7	68.8	73.7	80.4	83.1	85.9	89.1	92.0	92.2	95.4	96.8	96.8	97.4	97.4	97.4	97.4
GE 100	39.7	68.8	73.7	80.4	83.1	85.9	89.1	92.0	92.2	95.4	96.8	96.8	98.2	98.3	98.7	99.1
GE 0	39.7	68.8	73.7	80.4	83.1	85.9	89.1	92.0	92.2	95.4	96.8	96.8	98.2	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: DEC 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	19.1	24.4	25.9	26.5	27.0	27.5	27.7	28.1	28.1	28.1	28.1	28.1	28.2	28.2	28.3	28.3
GE 20000	18.9	25.9	27.5	28.3	28.8	29.5	29.7	30.0	30.0	30.0	30.0	30.0	30.1	30.1	30.2	30.2
GE 18000	18.9	25.9	27.5	28.3	28.8	29.5	29.7	30.0	30.0	30.0	30.0	30.0	30.1	30.1	30.2	30.2
GE 16000	18.9	25.9	27.5	28.3	28.8	29.5	29.7	30.0	30.0	30.0	30.0	30.0	30.1	30.1	30.2	30.2
GE 14000	18.9	25.9	27.5	28.3	28.8	29.5	29.7	30.0	30.0	30.0	30.0	30.0	30.1	30.1	30.2	30.2
GE 12000	18.9	25.9	27.5	28.3	28.8	29.5	29.7	30.0	30.0	30.0	30.0	30.0	30.1	30.1	30.2	30.2
GE 10000	19.8	28.2	30.1	30.9	31.4	32.0	32.3	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.8	32.8
GE 9000	20.4	28.9	30.9	31.6	32.2	32.6	33.0	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.5	33.5
GE 8000	21.1	29.9	31.8	32.6	33.1	33.9	34.1	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.6	34.6
GE 7000	22.9	32.0	34.0	34.7	35.3	36.0	36.2	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.8	36.8
GE 6000	23.2	32.6	34.5	35.3	35.8	36.6	36.8	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.3	37.3
GE 5000	23.8	33.9	35.8	36.6	37.1	37.8	38.1	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.6	38.6
GE 4500	24.8	35.2	37.1	37.8	38.4	39.1	39.4	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.9	39.9
GE 4000	25.1	36.0	38.1	38.9	39.5	40.2	40.4	40.8	40.8	40.8	40.8	40.8	40.9	40.9	41.0	41.0
GE 3500	25.7	37.1	39.2	40.2	40.8	41.5	41.8	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.4	42.4
GE 3000	26.8	39.2	41.6	42.6	43.1	43.9	44.3	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.9	44.9
GE 2500	28.9	43.7	46.6	48.1	48.9	50.1	50.5	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.5	51.5
GE 2000	31.3	48.3	51.7	53.5	54.5	55.8	56.5	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.5	57.5
GE 1800	32.2	51.4	54.8	57.0	58.0	59.5	60.3	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.4	61.4
GE 1500	34.0	55.9	59.9	62.6	63.7	65.4	66.5	67.4	67.4	67.4	67.5	67.5	67.6	67.6	67.7	67.7
GE 1200	34.3	59.5	63.9	67.2	68.9	71.0	72.0	73.1	73.1	73.2	73.4	73.4	73.5	73.5	73.7	73.7
GE 1000	34.6	61.1	65.6	69.1	71.4	73.4	74.8	75.9	75.9	76.1	76.3	76.3	76.5	76.5	76.6	76.6
GE 900	34.6	61.9	66.5	70.3	72.6	74.7	76.2	77.4	77.4	77.7	78.0	78.0	78.1	78.1	78.2	78.2
GE 800	34.6	62.7	67.3	71.6	73.9	76.2	77.8	79.0	79.0	79.4	79.8	79.8	79.9	79.9	80.0	80.0
GE 700	34.6	63.2	68.2	72.9	75.9	78.2	80.5	81.6	81.6	82.0	82.5	82.5	82.6	82.6	82.7	82.7
GE 600	34.6	63.4	69.0	75.1	78.1	80.5	82.4	84.1	84.1	84.6	85.1	85.1	85.3	85.3	85.4	85.4
GE 500	34.6	63.7	69.6	75.8	79.1	82.2	84.8	87.3	87.3	88.2	88.8	88.8	89.1	89.1	89.4	89.4
GE 400	34.6	63.8	69.8	76.5	80.1	83.3	86.7	90.0	90.2	91.5	92.4	92.4	92.9	93.0	93.2	93.2
GE 300	34.6	63.8	69.9	76.6	80.2	83.4	87.2	91.1	91.4	93.7	94.6	94.6	95.2	95.3	95.5	95.5
GE 200	34.6	63.8	69.9	76.6	80.2	83.4	87.3	91.4	91.8	94.3	95.6	95.6	96.2	96.6	96.9	97.0
GE 100	34.6	63.8	69.9	76.6	80.2	83.4	87.3	91.4	91.9	94.5	96.0	96.0	97.2	97.6	98.6	99.0
GE 0	34.6	63.8	69.9	76.6	80.2	83.4	87.3	91.4	91.9	94.5	96.0	96.0	97.2	97.6	98.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: DEC 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	14.7	21.9	23.0	24.1	25.3	25.6	26.3	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 20000	15.7	23.8	24.9	26.1	27.6	28.3	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 18000	15.7	23.8	24.8	26.1	27.6	28.3	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 16000	15.7	23.9	24.9	26.2	27.7	28.4	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 14000	15.7	23.9	24.9	26.2	27.7	28.4	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 12000	15.8	24.0	25.1	26.3	27.8	28.5	29.1	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 10000	16.3	25.6	26.6	28.1	29.6	30.2	31.0	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 9000	16.7	26.2	27.4	28.7	30.2	30.9	31.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 8000	17.4	27.7	28.9	30.2	31.7	32.5	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 7000	19.1	28.6	30.1	31.5	33.1	33.9	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 6000	19.8	29.9	31.4	32.8	34.4	35.2	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 5000	20.2	31.6	33.3	34.7	36.3	37.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 4500	20.9	33.0	34.5	35.9	37.5	38.8	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 4000	21.1	33.3	34.9	36.3	38.0	39.2	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 3500	22.4	35.2	37.0	38.5	40.2	41.7	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 3000	24.2	37.5	39.6	41.4	43.1	44.6	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 2500	26.1	40.6	42.9	45.1	46.8	48.7	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 2000	27.3	43.9	46.5	48.9	51.0	53.4	55.1	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 1800	28.9	46.1	48.8	51.3	53.5	56.0	57.7	58.2	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 1500	30.5	49.8	52.6	55.3	57.7	60.4	62.3	62.9	62.9	63.4	63.5	63.5	63.5	63.5	63.5	63.5
GE 1200	31.7	54.3	58.9	61.9	64.8	68.2	70.9	71.6	71.6	72.3	72.4	72.4	72.5	72.5	72.5	72.5
GE 1000	32.0	55.5	60.3	63.6	66.9	70.6	73.9	75.1	75.1	75.9	76.2	76.2	76.3	76.3	76.3	76.3
GE 900	32.2	56.3	61.5	64.7	68.1	72.3	75.7	77.1	77.1	78.0	78.3	78.3	78.4	78.4	78.4	78.4
GE 800	32.2	56.6	62.4	65.7	69.5	73.9	77.8	79.5	79.5	80.4	81.0	81.0	81.2	81.2	81.2	81.2
GE 700	32.2	56.7	62.6	66.2	70.5	75.4	79.5	81.2	81.2	82.2	82.7	82.7	82.9	83.0	83.0	83.0
GE 600	32.2	56.7	62.7	66.5	70.8	75.8	80.4	82.3	82.3	83.3	83.9	83.9	84.1	84.2	84.2	84.2
GE 500	32.2	56.7	62.7	66.5	71.2	77.0	82.5	84.7	84.7	86.1	87.4	87.5	87.8	88.0	88.0	88.0
GE 400	32.2	56.7	62.7	66.5	71.3	77.3	83.3	87.2	87.2	88.9	90.2	90.3	90.9	91.0	91.0	91.0
GE 300	32.2	56.7	62.7	66.5	71.3	77.4	83.8	87.8	88.2	91.0	92.6	92.7	93.7	93.8	94.3	94.3
GE 200	32.2	56.7	62.7	66.5	71.3	77.4	83.9	88.0	88.3	91.6	93.9	94.0	96.0	96.3	97.2	97.4
GE 100	32.2	56.7	62.7	66.5	71.3	77.4	83.9	88.0	88.3	91.7	94.0	94.1	96.3	96.9	98.0	98.9
GE 0	32.2	56.7	62.7	66.5	71.3	77.4	83.9	88.0	88.3	91.7	94.0	94.1	96.3	96.9	98.2	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 5/16	GE 1/4	GE 0
NO CEIL	16.9	24.2	25.5	26.6	26.8	27.1	27.1	27.5	27.6	27.6	27.6	27.7	27.7	27.7	27.7	27.7
GE 20000	18.6	26.2	27.6	29.1	29.4	29.7	29.7	30.1	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3
GE 18000	18.6	26.2	27.6	29.1	29.4	29.7	29.7	30.1	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3
GE 16000	18.6	26.2	27.6	29.1	29.4	29.7	29.7	30.1	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3
GE 14000	18.7	26.5	27.8	29.4	29.6	29.9	29.9	30.3	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5
GE 12000	19.0	27.4	28.8	30.3	30.5	30.9	30.9	31.3	31.4	31.4	31.4	31.5	31.5	31.5	31.5	31.5
GE 10000	19.6	28.8	30.2	31.7	31.9	32.3	32.4	32.8	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0
GE 9000	20.2	29.8	31.2	32.7	33.1	33.4	33.5	34.0	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2
GE 8000	20.5	30.5	32.0	33.7	34.2	34.5	34.6	35.1	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3
GE 7000	21.5	32.0	33.9	35.6	36.1	36.5	36.6	37.0	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2
GE 6000	21.9	32.6	34.6	36.3	36.9	37.2	37.3	37.7	37.8	37.8	37.8	38.0	38.0	38.0	38.0	38.0
GE 5000	22.3	33.9	35.7	37.4	38.0	38.5	38.6	39.0	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2
GE 4500	23.3	35.3	37.1	38.8	39.4	39.9	40.0	40.4	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6
GE 4000	23.4	35.7	37.5	39.2	39.8	40.3	40.4	40.9	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1
GE 3500	24.9	37.7	39.6	41.3	41.9	42.5	42.6	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2
GE 3000	26.1	39.6	41.5	43.2	44.1	44.6	44.7	45.2	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4
GE 2500	27.8	43.9	46.0	47.8	48.9	49.7	49.9	50.6	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9
GE 2000	29.7	47.6	50.1	52.4	53.8	54.9	55.2	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3
GE 1800	30.8	50.4	53.1	55.4	56.9	58.1	58.3	59.2	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6
GE 1500	33.0	55.1	57.7	60.2	62.7	64.4	64.9	66.1	66.2	66.5	66.5	66.6	66.6	66.6	66.6	66.6
GE 1200	33.7	59.0	62.5	65.3	68.1	70.1	70.6	72.0	72.2	72.5	72.6	72.7	72.7	72.7	72.7	72.7
GE 1000	33.8	60.2	64.2	67.2	70.5	72.7	73.5	75.3	75.5	76.1	76.2	76.3	76.3	76.3	76.3	76.3
GE 900	33.8	60.6	65.2	68.5	72.3	74.9	75.8	77.6	77.8	78.5	78.6	78.7	78.7	78.7	78.7	78.7
GE 800	33.8	61.1	65.9	69.7	73.4	76.3	78.1	80.1	80.3	81.0	81.1	81.2	81.4	81.4	81.4	81.4
GE 700	33.8	61.1	66.0	69.9	74.2	77.6	79.8	82.2	82.4	83.0	83.1	83.2	83.4	83.4	83.4	83.4
GE 600	33.8	61.4	66.6	70.6	74.9	78.8	81.4	84.5	84.7	85.8	85.9	86.0	86.2	86.2	86.2	86.2
GE 500	33.8	61.4	66.7	70.8	75.8	80.0	83.2	87.1	87.3	89.0	89.5	89.6	90.0	90.2	90.3	90.3
GE 400	33.8	61.4	66.7	70.8	75.8	80.1	83.5	88.3	88.8	91.2	91.9	92.3	92.8	93.0	93.1	93.1
GE 300	33.8	61.4	66.7	70.8	75.8	80.1	83.5	88.7	89.2	92.0	92.4	93.9	94.7	94.9	95.1	95.1
GE 200	33.8	61.4	66.7	70.8	75.8	80.1	83.5	88.7	89.4	92.9	95.2	95.6	97.5	97.8	98.2	98.2
GE 100	33.8	61.4	66.7	70.8	75.8	80.1	83.5	88.7	89.4	92.9	95.2	95.6	97.5	98.2	98.9	99.4
GE 0	33.8	61.4	66.7	70.8	75.8	80.1	83.5	88.7	89.4	92.9	95.2	95.6	97.5	98.2	99.1	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.0	28.3	28.3	28.6	29.2	29.6	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 20000	31.5	30.8	30.8	31.3	31.8	32.5	32.5	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 18000	31.5	30.8	30.8	31.3	31.8	32.5	32.5	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 16000	31.5	30.8	30.8	31.3	31.8	32.5	32.5	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 14000	31.7	31.0	31.0	31.5	32.0	32.7	32.7	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 12000	31.7	31.0	31.1	31.6	32.2	32.8	32.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 10000	33.0	32.8	32.9	33.4	34.3	34.9	34.9	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 9000	33.4	33.3	33.4	34.0	34.8	35.5	35.5	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 8000	34.2	34.7	34.9	35.5	36.3	37.0	37.0	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 7000	34.3	35.2	35.6	36.1	37.0	37.6	37.6	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 6000	34.4	35.3	35.8	36.3	37.2	37.8	37.8	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 5000	35.2	37.2	37.7	38.5	39.4	40.1	40.1	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 4500	35.8	38.5	39.3	39.6	40.6	41.4	41.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 4000	36.1	38.9	39.6	40.3	41.2	41.9	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 3500	37.4	41.0	41.7	42.5	43.4	44.2	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 3000	39.4	43.4	44.6	45.6	46.6	47.4	47.4	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 2500	39.5	48.5	50.2	51.6	52.7	53.7	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 2000	33.5	54.7	57.0	58.5	59.7	61.1	61.5	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 1800	34.6	57.1	59.6	61.3	62.7	64.4	65.1	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 1500	36.0	61.4	64.4	66.5	68.2	70.1	71.4	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4
GE 1200	36.7	64.1	68.1	70.4	72.7	74.9	76.5	77.2	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5
GE 1000	36.7	65.1	69.4	72.0	74.5	76.9	78.4	79.2	79.2	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 900	36.8	66.0	70.9	73.8	76.3	79.1	81.2	82.2	82.2	82.8	82.9	82.9	82.9	82.9	82.9	82.9
GE 800	36.8	66.9	72.0	74.9	77.8	81.3	83.9	84.8	84.8	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 700	36.8	67.1	72.5	75.5	78.4	82.4	85.3	86.8	86.8	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 600	36.8	67.1	72.5	75.5	78.5	82.5	86.0	87.7	88.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4
GE 500	36.8	67.1	72.5	75.5	78.5	82.6	87.0	89.4	89.8	91.4	91.8	91.8	91.9	91.9	91.9	91.9
GE 400	36.8	67.1	72.5	75.5	78.6	83.2	87.5	90.8	91.3	93.3	94.1	94.1	94.2	94.2	94.2	94.2
GE 300	36.8	67.1	72.5	75.5	78.6	83.2	87.5	91.0	91.5	94.1	95.6	95.6	96.0	96.1	96.1	96.1
GE 200	36.8	67.1	72.5	75.5	78.6	83.2	87.5	91.2	91.7	94.5	96.6	96.6	98.0	98.1	98.3	98.4
GE 100	36.8	67.1	72.5	75.5	78.6	83.2	87.5	91.2	91.8	94.6	96.7	96.7	98.4	98.7	98.9	99.6
GE 0	36.8	67.1	72.5	75.5	78.6	83.2	87.5	91.2	91.8	94.6	96.7	96.7	98.4	98.7	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: DEC 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 7/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.7	28.5	29.2	30.0	30.3	30.3	30.3	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 20000	24.3	32.8	33.5	34.3	34.7	34.7	34.7	34.8	34.8	34.9	34.9	34.9	35.1	35.1	35.1	35.1
GE 18000	24.3	32.8	33.5	34.3	34.7	34.7	34.7	34.8	34.8	34.9	34.9	34.9	35.1	35.1	35.1	35.1
GE 16000	24.3	32.8	33.5	34.3	34.7	34.7	34.7	34.8	34.8	34.9	34.9	34.9	35.1	35.1	35.1	35.1
GE 14000	24.3	32.8	33.5	34.3	34.7	34.7	34.7	34.8	34.8	34.9	34.9	34.9	35.1	35.1	35.1	35.1
GE 12000	24.3	32.9	33.7	34.4	34.8	34.8	34.8	34.9	34.9	35.1	35.1	35.1	35.2	35.2	35.2	35.2
GE 10000	26.0	34.8	35.8	36.6	37.3	37.3	37.3	37.4	37.4	37.5	37.5	37.5	37.6	37.6	37.6	37.6
GE 9000	26.2	35.1	36.0	36.8	37.5	37.5	37.5	37.6	37.6	37.7	37.7	37.7	37.8	37.8	37.8	37.8
GE 8000	27.8	37.0	38.0	38.7	39.5	39.5	39.5	39.6	39.6	39.7	39.7	39.7	39.8	39.8	39.8	39.8
GE 7000	28.8	38.5	39.5	40.2	41.0	41.0	41.0	41.1	41.1	41.2	41.2	41.2	41.3	41.3	41.3	41.3
GE 6000	29.1	39.1	40.1	40.9	41.6	41.6	41.6	41.7	41.7	41.8	41.8	41.8	41.9	41.9	41.9	41.9
GE 5000	29.7	40.9	41.9	42.8	43.5	43.5	43.5	43.7	43.7	43.8	43.8	43.8	43.9	43.9	43.9	43.9
GE 4500	30.3	42.2	43.2	44.1	44.8	44.8	44.8	44.9	44.9	45.1	45.1	45.1	45.2	45.2	45.2	45.2
GE 4000	30.5	42.7	43.8	44.6	45.4	45.4	45.4	45.5	45.5	45.7	45.7	45.7	45.8	45.8	45.8	45.8
GE 3500	31.4	44.3	45.4	46.2	47.0	47.0	47.0	47.1	47.1	47.3	47.3	47.3	47.4	47.4	47.4	47.4
GE 3000	32.2	45.9	47.0	48.0	48.9	49.0	49.0	49.1	49.1	49.3	49.3	49.3	49.4	49.4	49.4	49.4
GE 2500	34.2	51.2	53.5	54.9	55.9	56.0	56.2	56.3	56.3	56.6	56.6	56.6	56.7	56.7	56.7	56.7
GE 2000	36.9	59.2	62.3	64.6	65.9	66.0	66.3	66.5	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.8
GE 1800	38.2	61.3	64.3	66.6	68.2	68.3	68.6	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.0
GE 1600	39.6	63.4	67.2	70.4	72.2	72.4	72.9	73.0	73.0	73.2	73.2	73.2	73.3	73.3	73.3	73.3
GE 1200	41.1	66.9	71.2	74.8	77.1	77.3	78.5	78.6	78.6	78.9	78.9	78.9	79.0	79.0	79.0	79.0
GE 1000	41.3	68.3	72.7	76.7	79.1	79.4	80.5	80.6	81.6	81.1	81.2	81.2	81.3	81.3	81.3	81.3
GE 900	41.4	69.1	73.9	78.2	81.1	81.3	82.5	82.6	82.6	83.0	83.1	83.1	83.2	83.2	83.2	83.2
GE 800	41.6	69.9	75.2	79.9	83.5	84.0	85.6	85.8	85.8	86.3	86.5	86.5	86.6	86.6	86.6	86.6
GE 700	41.6	70.2	76.3	81.5	85.4	85.6	87.7	88.1	88.1	88.7	88.8	88.8	89.0	89.0	89.0	89.0
GE 600	41.6	70.3	76.6	81.7	85.9	86.3	88.4	88.9	88.9	89.7	89.8	89.8	90.0	90.0	90.0	90.0
GE 500	41.6	70.3	76.7	81.9	86.2	87.1	89.9	91.5	91.5	92.4	92.6	92.6	92.8	92.8	92.8	92.8
GE 400	41.6	70.3	76.7	82.0	86.5	87.4	90.9	92.6	92.7	93.8	94.3	94.3	94.5	94.5	94.5	94.5
GE 300	41.6	70.3	76.7	82.0	86.7	87.6	91.4	93.5	93.7	95.6	96.2	96.2	96.6	96.6	96.6	96.7
GE 200	41.6	70.3	76.7	82.0	86.7	87.6	91.5	93.8	93.9	96.0	97.0	97.0	97.7	97.9	98.0	98.3
GE 100	41.6	70.3	76.7	82.2	86.9	87.7	91.6	93.9	94.0	96.2	97.2	97.2	98.2	98.5	98.7	99.5
GE 0	41.6	70.3	76.7	82.2	86.9	87.7	91.6	93.9	94.0	96.2	97.2	97.3	98.3	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 956

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: DEC 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	23.2	30.6	31.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 22000	24.8	33.0	34.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 18000	24.8	33.0	34.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 16000	24.8	33.0	34.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 14000	24.8	33.0	34.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 12000	25.2	33.4	34.6	35.7	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 10000	27.1	35.8	37.1	38.2	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 9000	27.2	35.9	37.2	38.3	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 8000	28.2	38.0	39.2	40.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 7000	29.0	39.2	40.6	41.8	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 6000	29.2	40.0	41.4	42.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 5000	30.0	40.9	42.3	43.7	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 4500	30.3	41.7	43.2	44.6	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 4000	30.6	42.4	43.9	45.5	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 3500	31.2	43.8	45.3	46.9	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 3000	32.2	45.7	47.7	49.8	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 2500	34.6	50.0	52.9	55.7	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 2000	37.4	56.9	60.6	63.7	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 1800	38.5	59.2	63.1	66.2	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 1500	40.6	63.9	68.0	71.8	73.0	73.0	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 1200	42.2	67.8	72.6	77.2	79.0	79.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3
GE 1000	42.5	69.0	74.2	79.2	81.2	81.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8
GE 900	42.5	69.2	74.7	80.0	82.0	82.4	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
GE 800	42.6	70.4	76.5	81.9	84.1	84.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
GE 700	42.6	70.6	77.0	82.7	85.2	85.6	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7
GE 600	42.6	71.1	77.6	84.2	86.8	87.7	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9
GE 500	42.6	71.1	77.8	84.5	87.5	88.8	90.9	91.5	91.6	91.8	92.0	92.0	92.0	92.0	92.2	92.2
GE 400	42.6	71.1	77.8	84.6	88.0	89.4	91.7	93.2	93.3	93.7	93.9	93.9	93.9	93.9	94.0	94.0
GE 300	42.6	71.1	78.0	84.7	88.3	89.9	92.4	94.2	94.3	94.7	94.9	94.9	95.1	95.2	95.5	95.6
GE 200	42.6	71.1	78.0	84.7	88.3	90.0	92.5	94.6	94.7	95.4	95.9	95.9	96.6	97.2	97.6	98.2
GE 100	42.6	71.1	78.0	84.7	88.3	90.0	92.5	94.6	94.7	95.4	96.0	96.0	96.7	97.4	98.5	99.0
GE 0	42.6	71.1	78.0	84.7	88.3	90.0	92.5	94.6	94.7	95.4	96.0	96.0	96.9	97.7	98.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.5	26.5	27.4	28.3	28.7	29.0	29.1	29.3	29.3	29.3	29.3	29.3	29.3	29.4	29.4	
GE 20000	20.8	28.5	29.6	30.5	31.0	31.4	31.5	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	
GE 16000	20.8	28.6	29.7	30.6	31.1	31.5	31.6	31.6	31.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9
GE 12000	20.8	28.6	29.7	30.6	31.1	31.5	31.6	31.8	31.9	31.8	31.9	31.9	31.9	31.9	31.9	31.9
GE 10000	20.8	28.7	29.7	30.7	31.2	31.5	31.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 9000	20.8	28.9	30.0	31.0	31.5	31.9	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3
GE 8000	22.2	30.9	32.2	33.1	33.7	34.1	34.2	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 7000	22.6	31.5	32.7	33.7	34.3	34.7	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2
GE 6000	23.6	33.0	34.3	35.3	35.9	36.3	36.5	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8
GE 5000	24.6	34.5	35.9	36.9	37.6	38.0	38.1	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 4500	24.9	35.2	36.6	37.6	38.3	38.7	38.8	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 4000	25.6	36.5	38.0	39.1	39.7	40.2	40.4	40.6	40.6	40.6	40.6	40.6	40.7	40.7	40.7	40.7
GE 3500	26.4	37.8	39.3	40.4	41.1	41.6	41.8	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 3000	26.7	38.4	39.8	41.0	41.7	42.2	42.4	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8
GE 2500	27.8	40.0	41.6	42.9	43.6	44.2	44.4	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7
GE 2000	29.0	42.5	44.4	45.8	46.6	47.2	47.4	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 1800	31.3	47.1	49.6	51.5	52.4	53.2	53.5	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0
GE 1600	33.6	52.7	55.6	57.9	59.1	60.1	60.6	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 1400	34.7	55.2	58.3	60.7	61.9	62.8	63.6	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3
GE 1200	36.3	59.0	62.3	65.1	66.7	68.0	68.9	69.4	69.4	69.7	69.7	69.8	69.8	69.8	69.8	69.8
GE 1000	37.4	62.9	67.0	70.3	72.5	74.0	75.0	75.8	75.8	76.1	76.2	76.2	76.3	76.3	76.3	76.3
GE 900	37.7	64.2	68.6	72.2	74.7	76.3	77.7	78.4	78.4	78.9	79.0	79.1	79.1	79.1	79.1	79.1
GE 800	37.7	64.9	69.6	73.6	76.1	78.0	79.5	80.3	80.3	80.8	81.0	81.0	81.0	81.0	81.0	81.0
GE 700	37.8	65.5	70.6	74.9	77.8	79.8	81.7	82.5	82.6	83.1	83.4	83.4	83.5	83.5	83.5	83.5
GE 600	37.8	65.8	71.2	75.8	79.0	81.3	83.4	84.6	84.6	85.2	85.4	85.4	85.5	85.6	85.6	85.6
GE 500	37.8	66.1	71.7	76.8	80.0	82.5	85.1	86.4	86.5	87.3	87.5	87.5	87.7	87.7	87.7	87.7
GE 400	37.8	66.2	71.9	77.2	80.8	83.7	87.0	89.0	89.1	90.2	90.7	90.8	91.0	91.0	91.1	91.1
GE 300	37.8	66.2	72.0	77.4	81.1	84.2	87.9	90.6	91.0	92.5	93.1	93.2	93.5	93.5	93.6	93.6
GE 250	37.8	66.2	72.0	77.4	81.2	84.5	88.3	91.5	91.8	93.9	94.9	94.9	95.4	95.5	95.6	95.7
GE 200	37.8	66.2	72.0	77.4	81.2	84.5	88.4	91.7	92.3	94.5	95.9	96.0	97.1	97.3	97.6	97.7
GE 100	37.8	66.2	72.0	77.4	81.2	84.5	88.4	91.7	92.0	94.6	96.1	96.1	97.5	97.9	98.6	99.2
GE 0	37.8	66.2	72.0	77.4	81.2	84.5	88.4	91.7	92.0	94.6	96.1	96.1	97.6	98.1	98.8	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: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-87
MONTH: ALL 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	29.2	39.9	41.7	43.2	44.2	44.7	45.2	45.4	45.4	45.5	45.6	45.6	45.6	45.6	45.7	45.7
GE 20000	30.5	44.1	46.3	48.0	49.1	49.8	50.3	50.5	50.5	50.7	50.7	50.7	50.8	50.8	50.8	50.9
GE 18000	30.5	44.1	46.3	48.0	49.1	49.8	50.3	50.5	50.5	50.7	50.7	50.7	50.8	50.8	50.8	50.9
GE 16000	30.5	44.1	46.3	48.0	49.1	49.8	50.3	50.5	50.5	50.7	50.7	50.7	50.8	50.8	50.8	50.9
GE 14000	30.6	44.3	46.4	48.1	49.3	49.9	50.5	50.7	50.7	50.8	50.9	50.9	50.9	50.9	51.0	51.0
GE 12000	30.9	44.9	47.1	48.8	50.0	50.7	51.2	51.4	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.8
GE 10000	32.3	47.3	49.7	51.6	52.8	53.6	54.2	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.7	54.7
GE 9000	32.7	48.1	50.6	52.5	53.9	54.6	55.2	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.8
GE 8000	33.7	50.0	52.6	54.7	56.0	56.8	57.4	57.7	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.1
GE 7000	34.4	51.4	54.1	56.2	57.6	58.5	59.1	59.3	59.3	59.5	59.6	59.6	59.6	59.6	59.7	59.7
GE 6000	34.8	52.1	54.9	57.0	58.4	59.3	60.0	60.2	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.6
GE 5000	36.0	54.3	57.2	59.5	61.0	62.0	62.7	62.9	62.9	63.1	63.2	63.2	63.2	63.2	63.3	63.3
GE 4500	36.8	55.9	59.0	61.3	62.9	63.9	64.6	64.9	64.9	65.1	65.2	65.2	65.2	65.2	65.3	65.3
GE 4000	37.3	56.9	60.1	62.5	64.2	65.2	65.9	66.2	66.2	66.4	66.5	66.5	66.5	66.5	66.6	66.6
GE 3500	38.3	58.7	62.0	64.6	66.3	67.4	68.2	68.5	68.5	68.7	68.8	68.8	68.9	68.8	68.9	68.9
GE 3000	39.5	61.1	64.6	67.4	69.3	70.5	71.3	71.7	71.7	71.9	72.0	72.0	72.0	72.0	72.1	72.1
GE 2500	41.2	64.5	68.4	71.4	73.5	74.8	75.6	76.2	76.2	76.4	76.5	76.5	76.6	76.6	76.6	76.7
GE 2200	42.4	67.4	71.6	74.9	77.0	78.5	79.6	80.0	80.1	80.3	80.4	80.4	80.4	80.4	80.5	80.5
GE 2000	42.9	68.5	72.9	76.3	78.5	80.0	81.2	81.6	81.7	81.9	82.0	82.0	82.1	82.1	82.1	82.2
GE 1500	43.6	70.3	74.9	78.5	80.8	82.4	83.7	84.3	84.3	84.6	84.7	84.7	84.7	84.7	84.8	84.8
GE 1200	44.1	72.2	77.2	81.1	83.7	85.5	87.0	87.6	87.7	88.0	88.1	88.1	88.2	88.2	88.2	88.3
GE 1000	44.3	72.9	79.1	82.2	85.0	86.9	88.6	89.3	89.4	89.8	89.9	89.9	90.0	90.0	90.0	90.1
GE 900	44.3	73.2	78.5	82.6	85.7	87.7	89.5	90.3	90.4	90.8	90.9	90.9	91.0	91.0	91.0	91.1
GE 800	44.3	73.5	78.9	83.3	86.4	88.6	90.5	91.5	91.5	92.0	92.1	92.1	92.2	92.2	92.3	92.3
GE 700	44.3	73.7	79.3	83.9	87.1	89.4	91.6	92.6	92.7	93.2	93.4	93.4	93.4	93.5	93.5	93.6
GE 600	44.3	73.8	79.4	84.2	87.5	90.0	92.4	93.6	93.7	94.3	94.4	94.4	94.5	94.5	94.6	94.6
GE 500	44.3	73.9	79.6	84.4	87.9	90.5	93.3	94.7	94.8	95.6	95.8	95.8	95.9	96.0	96.0	96.1
GE 400	44.3	73.9	79.6	84.5	88.1	90.6	93.8	95.5	95.7	96.6	96.9	96.9	97.0	97.0	97.1	97.2
GE 300	44.3	73.9	79.6	84.6	88.1	90.9	94.0	95.9	96.1	97.3	97.7	97.7	97.9	97.9	98.0	98.1
GE 200	44.3	73.9	79.6	84.6	88.1	90.9	94.1	96.1	96.3	97.6	98.2	98.2	98.6	98.7	98.8	99.0
GE 100	44.3	73.9	79.6	84.6	88.1	90.9	94.1	96.1	96.3	97.6	98.2	98.3	98.8	98.9	99.2	99.6
GE 0	44.3	73.9	79.6	84.6	88.1	90.9	94.1	96.1	96.3	97.6	98.2	98.3	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 87641

CLIMATOLOGY BRANCH
C
THEA SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

. NUMBER: 7:533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 7?-87
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (EST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	28.0			9.6						12.5	[illegible]	7.4	9[illegible]
[illegible]	26.9			10.3						10.8	[illegible]	7.0	9[illegible]
[illegible]	16.2			12.2						13.5	[illegible]	7.5	9[illegible]
09-11	12.3			13.6						16.8	[illegible]	7.6	926
12-14	12.4			15.2						15.3	[illegible]	7.5	929
15-17	13.5			13.9						14.3	[illegible]	7.5	927
18-20	14.2			12.1						15.4	[illegible]	7.6	929
21-23	15.1			12.1						13.2	[illegible]	7.5	927
TOTALS	19.6			12.4						14.0	[illegible]	7.5	7427

. NUMBER: 7:533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 7?-87
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (EST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	25.5			9.5						12.8	[illegible]	6.7	844
03-05	24.3			11.3						10.6	[illegible]	6.7	841
06-08	20.2			13.8						12.3	[illegible]	6.9	847
09-11	13.8			13.2						17.4	[illegible]	7.5	847
12-14	13.3			15.8						17.8	[illegible]	7.4	847
15-17	13.6			13.3						20.1	[illegible]	7.5	845
18-20	13.2			15.4						17.3	[illegible]	7.4	846
21-23	17.8			17.2						13.4	[illegible]	6.9	844
TOTALS	17.7			13.7						15.2	[illegible]	7.1	6749

CLIMATOLOGY BRANCH
AC
ATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

N NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 73-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTA OBS
00-02	30.4			9.3						9.6	[illegible]	[illegible]	928
03-05	26.3			12.0						10.7	[illegible]	[illegible]	9.4
06-08	20.6			16.8						13.4	49.2	6.6	[illegible]
09-11	16.0			15.9						19.0	49.0	7.1	930
12-14	12.6			13.0						22.9	[illegible]	7.6	9.9
15-17	11.5			14.7						20.0	[illegible]	7.6	930
18-20	14.1			15.8						19.4	50.8	7.3	930
21-23	24.0			15.7						17.8	47.5	6.4	929
TOTALS	19.4			14.2						16.0	50.5	6.9	7428

N NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 73-87
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTA OBS
00-02	34.1			14.3						13.1	41.4	5.5	900
03-05	32.8			12.6						14.3	40.4	5.7	897
06-08	21.4			16.1						18.6	44.0	6.6	894
09-11	18.0			17.1						17.6	47.3	6.8	900
12-14	11.7			18.7						18.2	[illegible]	7.3	900
15-17	12.0			16.6						21.2	[illegible]	7.4	900
18-20	15.4			18.0						19.2	47.3	7.0	900
21-23	27.7			17.6						11.9	42.9	5.9	900
TOTALS	21.6			16.4						16.4	45.6	6.5	7191

...HAL CLIMATOLOGY BRANCH
...FETAC
... WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

...TION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-87
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	T
...-02	34.5			15.1						13.5	36.9	5.4	
03-05	31.1			16.2						13.7	38.8	5.6	
06-08	19.5			18.8						22.1	39.6	6.5	
...-11	18.0			20.1						21.4	40.5	6.6	
12-14	11.8			25.6						22.8	39.8	6.8	
15-17	11.7			25.0						26.9	36.4	6.8	
18-20	16.8			21.5						23.7	38.0	6.6	
21-23	26.0			20.5						18.6	34.7	5.8	
TOTALS	21.2			20.4						20.4	36.1	6.3	74

...TION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TO C
00-02	38.9			19.3						15.4	26.5	4.6	8
03-05	33.8			19.0						18.9	28.3	5.1	8
06-08	24.2			20.6						20.6	34.6	5.9	8
09-11	18.6			27.0						22.9	31.6	6.0	9
12-14	11.1			26.0						32.9	27.9	6.6	8
15-17	10.9			29.1						31.0	29.0	6.6	9
18-20	17.1			28.1						25.9	28.9	6.1	9
21-23	26.8			26.7						20.4	24.1	5.1	9
TOTALS	22.7			25.0						23.5	24.9	5.8	71

GLOBAL CLIMATOLOGY BRANCH
AFETAC
IR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02	42.0			22.6						12.8	22.5	4.1
03-05	35.8			22.6						16.4	25.2	4.7
06-08	21.5			25.6						22.0	30.9	5.8
09-11	19.9			25.5						27.4	27.3	6.0
12-14	13.6			35.5						27.3	26.5	6.2
15-17	11.6			36.6						27.6	24.2	6.0
18-20	17.1			35.6						24.0	23.3	5.6
21-23	29.1			36.3						18.8	21.6	4.8
TOTALS	23.5			29.3						22.0	25.2	5.4

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02	43.5			19.7						14.0	23.8	4.4
03-05	32.2			18.1						16.9	32.8	5.3
06-08	19.0			21.0						23.4	36.6	6.4
09-11	16.3			24.5						26.3	32.8	6.4
12-14	6.1			36.5						30.8	33.6	6.7
15-17	8.2			35.3						30.0	26.5	6.4
18-20	16.7			31.5						26.3	25.5	5.9
21-23	29.8			28.0						17.4	24.9	4.9
TOTALS	21.4			26.1						23.1	29.4	5.8

NAL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

TION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (EST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	T
[illegible]-02	45.3			13.1						15.1	26.6	4.4	
03-05	35.9			18.2						19.5	26.4	5.0	
06-08	25.6			21.9						19.2	33.3	5.7	
09-11	23.9			22.1						21.5	32.4	5.8	
12-14	15.4			27.4						27.7	29.4	6.3	
15-17	15.3			29.2						28.7	26.8	6.1	
18-20	25.1			25.1						22.5	27.3	5.5	
21-23	37.8			18.3						17.1	26.9	4.8	
TOTALS	28.0			21.9						20.9	29.1	5.5	

ION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (EST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TO
[illegible]-02	33.9			10.0						11.2	45.0	5.6	9
03-05	30.5			12.0						10.0	47.5	6.0	9
06-08	25.5			15.8						15.6	43.1	6.2	9
09-11	18.8			17.0						19.7	44.5	6.7	9
12-14	14.1			18.3						26.2	41.4	7.0	9
15-17	15.3			18.4						22.3	44.1	7.0	9
18-20	19.1			19.2						21.4	40.4	6.5	9
21-23	27.8			14.7						17.2	40.3	6.0	9
TOTALS	23.1			15.7						18.0	43.3	6.4	74

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02	21.6			9.2						9.8	59.4	7.1
03-05	21.4			10.6						8.4	59.6	7.0
06-08	18.5			10.8						12.5	58.2	7.3
09-11	9.4			16.0						13.5	59.6	7.6
12-14	8.3			17.6						17.6	57.1	7.8
15-17	10.9			14.9						14.6	58.2	7.7
18-20	14.7			13.8						13.9	57.7	7.4
21-23	19.3			9.7						10.7	60.4	7.3
TOTALS	15.5			12.8						13.7	58.1	7.4

STATION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02	19.4			8.5						11.4	60.6	7.3
03-05	19.0			7.7						9.9	63.5	7.5
06-08	14.9			10.9						11.1	63.1	7.6
09-11	10.2			10.8						17.3	62.0	8.1
12-14	8.8			14.6						17.3	60.2	8.0
15-17	9.8			15.6						15.7	58.9	7.8
18-20	12.7			15.7						11.9	59.7	7.5
21-23	16.3			12.9						11.6	59.2	7.4
TOTALS	13.9			12.0						13.2	60.9	7.7

HAL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

TION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-87
MONTH: ALL

	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
		0	1	2	3	4	5	6	7	8	9	10	MEAN	
JAN	ALL	14.6			12.4						14.0	59.1	7.5	7
FEB		17.7			13.7						15.2	53.4	7.1	6
MAR		19.4			14.2						16.0	50.5	6.9	7
APR		21.6			16.4						15.4	46.6	6.5	7
MAY		21.2			20.4						20.4	38.1	6.3	7
JUN		22.7			25.0						23.5	28.9	5.8	7
JUL		23.5			29.3						22.8	24.4	5.4	7
AUG		21.4			26.1						23.1	29.4	5.8	7
SEP		18.0			21.9						21.4	32.1	6.5	7
OCT		23.1			15.7						18.0	43.3	6.4	7
NOV		15.5			12.8						13.7	58.1	7.4	7
DEC		13.9			12.0						17.2	47.9	7.7	7
	TOTALS	20.2			18.3						18.0	43.5	6.5	87

PPPPPPPP AAAAAA RRRRRRRR TTTTTTTTTT EEEEEEEEEE
PPPPPPPPP AAAAAAAA RRRRRRRRR TTTTTTTTTT EEEEEEEEEE
PP PP AA AA RR RR TT EE
PP PP AA AA RR RR TT EE
PPPPPPPPP AA AA RRRRRRRRR TT EEEEEE
PPPPPPPP AAAAAAAAAA RRRRRRRR TT EEEEEE
PP AAAAAAAAAA RR RR TT EE
PP AA AA RR RR TT EE
PP AA AA RR RR TT EEEEEEEEEE
PP AA AA RR RR TT EEEEEEEEEE

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

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

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

THE MINIMUM TABLE ALSO INCLUDES A 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 ASTERIST 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
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

TEMP(F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE	100						.1	.4	.1	.2				.1
GE	95						1.3	4.1	2.4	.7				.7
GE	90					1.1	12.1	18.9	13.0	5.3	.1			4.2
GE	85				1.0	9.4	34.3	49.5	37.2	16.2	1.6			12.4
GE	80			.4	5.2	24.6	57.6	79.8	71.0	36.4	7.2			23.9
GE	75			1.2	11.7	38.5	77.3	94.7	88.6	55.2	17.3	.3		32.0
GE	70			4.8	23.7	57.8	91.4	99.0	97.8	75.6	32.3	3.2	.1	40.4
GE	65	.2	.4	9.0	35.9	75.0	97.8	100.0	99.7	90.8	47.6	10.0	.5	47.2
GE	60	.9	1.9	15.5	50.4	87.2	99.4		100.0	97.0	66.3	19.1	3.5	53.4
GE	55	3.1	4.7	23.9	64.7	94.0	100.0			99.2	81.9	31.7	7.0	59.2
GE	50	5.8	9.7	34.9	78.7	98.0				99.7	91.6	45.3	12.2	64.7
GE	45	11.2	19.3	47.6	88.7	99.7				100.0	97.3	59.9	19.9	70.3
GE	40	19.7	32.6	63.6	96.2	100.0					99.6	73.8	33.0	76.9
GE	35	38.5	52.0	81.1	99.1						100.0	88.0	52.9	84.3
GE	30	57.3	70.4	92.9	99.7							96.6	75.4	91.0
GE	25	71.0	82.0	97.7	100.0							99.1	86.9	94.7
GE	20	84.8	91.7	99.4								99.6	93.9	97.4
GE	15	91.8	96.4	99.9								99.8	96.9	98.7
GE	10	96.9	99.3	100.0								99.9	98.9	99.6
GE	5	99.0	99.7									100.0	99.3	99.8
GE	0	99.7	100.0										99.8	100.0
GE	-5	99.8											99.9	100.0
GE	-10	99.9											100.0	100.0
GE	-15	100.0												100.0
MEAN		30.9	35.0	45.5	59.7	71.2	80.6	84.3	82.4	75.8	64.0	48.3	36.0	59.5
SD		11.594	11.229	12.494	11.986	10.020	7.685	5.937	6.178	8.638	10.341	11.642	11.299	21.469
TOTAL OBS		1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14396

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 75						.5	1.8	.7					.3
GE 70						6.1	13.2	8.4	2.4				2.9
GE 65				.1	3.4	25.4	42.3	29.7	13.0	.3			9.5
GE 60				2.3	13.8	47.9	70.7	58.9	26.9	4.1	.2	.1	18.7
GE 55			.8	7.1	27.7	70.9	89.8	81.5	44.9	11.2	2.1	.2	28.0
GE 50	.2	.1	2.1	13.8	48.4	89.7	98.3	94.6	64.9	23.9	6.0	1.2	36.9
GE 45	.3	.4	4.8	25.8	68.6	97.6	99.9	99.1	82.2	39.8	10.4	2.0	44.2
GE 40	1.0	1.6	10.7	43.7	85.6	99.7	100.0	99.9	94.6	59.5	21.0	4.9	51.9
GE 35	3.8	6.4	22.1	63.2	95.9	100.0		100.0	99.2	79.3	35.9	11.2	59.8
GE 33	7.3	11.8	31.6	72.5	97.9				99.6	84.9	44.5	16.3	63.9
GE 30	15.5	21.8	45.8	85.1	99.6				99.9	93.2	59.0	26.1	70.5
GE 25	31.0	37.0	67.3	95.9	100.0				100.0	98.7	80.9	46.9	79.8
GE 20	44.9	55.0	82.3	99.2						100.0	92.2	63.6	86.4
GE 15	57.7	67.5	91.0	99.8							97.4	75.4	90.7
GE 10	69.5	77.4	96.0	99.9							99.1	84.6	93.9
GE 5	79.8	84.7	98.0	100.0							99.6	90.8	96.1
GE 0	87.8	91.4	99.2								99.7	94.3	97.7
GE -5	93.8	96.5	99.7								100.0	97.8	99.0
GE -10	97.3	98.6	100.0									99.3	99.6
GE -15	99.1	99.6										99.9	99.9
GE -20	99.8	100.0										100.0	100.0
GE -25	100.0												100.0
MEAN	16.0	18.9	28.0	38.7	49.1	58.9	62.8	60.7	53.3	42.5	32.3	21.9	40.3
SD	12.874	12.294	10.095	9.314	8.598	7.190	6.119	6.594	8.883	9.132	9.677	12.018	18.777
TOTAL OBS	1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14396

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 85						.5	1.9	.6	.2				.5
GE 80					.1	8.1	14.5	8.4	2.6				2.8
GE 75				.1	5.2	28.8	45.1	32.6	13.3	.2			10.4
GE 70				2.7	17.1	53.2	78.7	66.8	29.3	3.2			20.9
GE 65			.5	8.0	32.7	76.8	96.1	89.2	50.7	12.4	.5	.1	30.5
GE 60	.1	.1	2.3	17.4	54.8	93.0	99.8	98.6	72.2	26.0	4.1	.3	39.0
GE 55	.2	.3	6.0	30.6	74.8	99.1	100.0	99.8	89.5	44.2	9.6	1.5	46.3
GE 50	.6	1.1	13.1	47.2	88.6	99.9		100.0	97.8	64.9	18.5	3.6	53.0
GE 45	2.5	4.5	22.7	65.7	96.9	100.0			99.8	83.8	33.2	6.9	59.7
GE 40	7.4	12.7	37.7	84.0	99.8				100.0	95.0	52.6	15.2	67.1
GE 35	15.6	26.9	58.5	95.2	100.0					99.0	71.0	30.1	74.7
GE 30	34.8	46.1	76.6	98.7						100.0	87.5	51.3	82.9
GE 25	51.6	62.7	89.1	99.8							95.5	70.1	89.1
GE 20	64.8	75.8	95.5	99.9							98.6	82.0	93.1
GE 15	77.2	84.4	98.4	100.0							99.7	90.0	95.8
GE 10	86.9	92.3	99.5								99.8	95.2	97.8
GE 5	94.3	97.4	100.0								99.9	97.8	99.1
GE 0	97.6	99.3									100.0	99.1	99.7
GE -5	99.2	99.8										99.8	99.9
GE -10	99.8	100.0										99.9	100.0
GE -15	99.9											100.0	100.0
GE -20	100.0												100.0
MEAN	23.7	27.2	37.0	49.5	60.4	70.0	73.8	71.8	64.8	53.5	40.5	29.2	50.1
SD	11.732	11.213	10.626	9.933	8.570	6.846	5.314	5.582	8.027	8.848	10.008	11.124	19.793
TOTAL OBS	1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14396

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	44	59	72	85	83	92	92	96	92	75	66	55	96
49	57	57	72	75	88	93	95	92	83	86	71	63	95
50	69	46	65	72	89	91	90	91	81	85	79	51	91
51	59	58	70	81	86	91	89	98	88	90	61	64	98
52	65	54	69	82	89	99	97	91	91	83	70	64	99
53	60	58	74	79	92	100	96	96	100	88	69	58	100
54	54	69	68	84	88	95	103	94	97	83	68	50	103
55	56	54	66	78	87	94	101	96	94	80	73	56	101
56	46	56	69	79	87	96	99	96	92	82	70	60	99
57	53	67	71	81	85	93	93	91	90	74	62	56	93
58	47	61	56	83	83	86	89	90	88	81	72	55	90
59	49	51	68	76	88	92	90	93	92	83	69	60	93
60	59	57	71	85	83	88	90	90	95	80	66	53	95
61	49	61	72	73	82	92	94	89	90	79	76	61	94
62	45	56	76	87	91	92	92	101	90	83	63	61	101
63	50	51	79	81	86	94	96	88	88	89	68	58	96
64	58	52	69	83	89	92	94	98	94	79	74	57	98
65	61	57	54	79	85	92	94	95	90	80	72	61	95
66	52	59	72	78	83	93	94	87	86	73	64	63	94
67	61	52	75	79	87	92	90	91	85	86	56	61	92
68	48	57	72	77	80	92	92	92	86	83	76	50	92
69	53	44	71	83	89	91	92	93	93	81	57	43	93
70	55	57	53	84	87	95	95	93	90	80	63	67	95
71	51	56	69	82	85	97	92	91	89	87	71	66	97
72	57	62	71	76	87	89	93	91	87	75	66	57	93
73	60	51	72	77	78	91	93	92	91	82	67	61	93
74	57	55	71	82	84	89	98	92	83	78	72	43	98
75	60	48	63	74	91	90	93	91	86	84	78	66	93
76	38	66	75	84	84	94	95	90	90	83	59	57	95
77	29	63	75	86	92	91	96	91	89	71	72	51	96

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

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	41	35	75	75	87	93	95	91	93	78	73	58	95
79	36	49	75	75	88	89	88	90	86	81	65	59	90
80	54	43	54	82	87	89	101	91	89	82	67	59	101
81	42	54	80	78	81	89	91	86	84	71	70	54	91
82	43	43	69	73	89	86	91	90	86	65	70	71	91
83	51	66	80	81	80	95	100	99	97	86	73	49	100
84	41	63	52	81	86	93	95	93	93	78	68	65	95
85	60	56	77	87	90	92	93	90	91	78	67	54	93
86	51	54	82	88	84	91	92	87	88	79	71	46	92
87	49	48	73	86	89								
MEAN	51.8	55.1	69.9	80.3	86.2	92.1	93.9	92.2	89.7	81.1	68.6	57.5	95.3
S.D.	8.390	7.158	7.360	4.285	3.363	2.993	3.550	3.350	4.106	4.617	5.325	6.452	3.402
TOTAL OBS	1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14396

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72533C STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

WHOLE DEGREES FAHRENHEIT

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	-7	0	-7	28	33	48	50	49	43	25	27	6	-7
49	0	7	15	25	34	43	55	48	35	25	18	8	0
50	7	-1	5	21	36	42	46	45	32	31	-1	-8	-8
51	1	-17	14	28	38	45	51	47	29	30	13	-14	-17
52	5	11	17	23	39	50	49	45	39	20	12	12	5
53	-2	-1	6	24	40	48	52	51	38	30	21	1	-2
54	3	6	10	23	31	41	53	48	36	26	22	11	3
55	-9	-3	9	27	32	48	59	52	39	29	6	4	-9
56	-1	5	16	25	35	38	54	45	36	31	16	15	-1
57	-9	11	13	14	33	43	52	48	35	29	15	5	-9
58	2	-2	23	27	33	44	58	48	41	30	-1	-12	-12
59	-8	-3	12	28	33	42	54	55	34	29	6	12	-8
60	6	3	-4	23	35	46	51	52	42	23	20	-13	-13
61	-9	1	19	21	31	44	53	52	32	27	18	-9	-9
62	-9	-1	9	24	41	49	51	43	33	24	19	-7	-9
63	-18	-18	-4	24	27	43	47	46	37	27	23	-10	-18
64	-4	-5	10	18	40	46	53	41	37	24	10	-5	-5
65	-10	-7	1	24	35	46	51	38	35	23	12	15	-10
66	-8	0	17	25	27	39	51	49	35	25	17	4	-8
67	-1	-13	-10	24	30	48	44	46	32	26	13	-9	-13
68	-17	-6	4	25	30	46	48	45	41	24	24	0	-17
69	-4	5	8	30	34	41	56	50	38	28	15	-1	-4
70	-15	-1	14	25	33	44	48	51	35	30	11	5	-15
71	-11	-7	12	25	30	49	48	48	39	37	16	16	-11
72	-19	-10	12	15	34	39	46	44	40	24	22	2	-19
73	3	-12	23	23	29	54	54	49	40	32	22	-5	-12
74	-10	1	3	21	29	49	52	53	31	23	18	6	-10
75	6	-13	3	21	41	42	49	47	36	30	23	9	-13
76	-2	-4	20	23	32	52	50	48	35	22	7	-14	-14
77	-16	-13	15	25	34	42	50	46	42	24	8	-11	-16

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

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN PERIOD OF RECORD: 48-87

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	-6	-12	-5	29	30	45	50	50	40	27	17	5	-12
79	-11	-14	10	19	30	46	48	44	38	24	21	1	-14
80	5	-6	-7	29	32	42	56	56	39	26	19	2	-7
81	-9	-4	17	29	37	48	54	49	40	23	18	-5	-9
82	-17	-18	8	7	42	48	53	44	37	25	21	10	-18
83	6	8	10	21	36	47	51	56	35	31	25	-16	-16
84	-21	0	-7	26	35	49	48	50	39	35	18	6	-21
85	-22	-12	20	26	37	45	56	51	40	29	20	-5	-22
86	-3	-4	6	24	32	42	51	40	39	32	11	8	-4
87	-9	11	16	19	35								
MEAN	-6.1	-3.5	8.8	23.5	33.9	45.2	51.3	48.0	37.1	27.2	16.1	.5	-10.4
S.D.	8.188	8.067	8.846	4.489	3.831	3.636	3.351	4.059	3.326	3.748	6.634	9.173	6.297
TOTAL OBS	1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14396

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

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	21.4	22.7	33.9	44.9	55.4	65.6	68.2	65.9	59.8	48.7	39.5	28.4	46.2
00-02	SD	12.064	13.366	10.911	10.051	8.697	7.432	6.352	6.470	8.712	9.300	10.346	12.832	16.955
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	22.6	21.7	32.5	42.8	53.1	61.3	66.0	64.0	56.0	47.3	38.4	27.9	44.6
03-05	SD	12.306	13.572	11.009	9.869	8.826	7.573	6.509	6.789	9.157	9.710	10.306	12.845	16.595
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	19.7	20.6	31.6	43.0	54.5	63.2	67.5	64.7	57.9	46.5	37.7	27.3	44.7
06-08	SD	12.650	14.065	11.060	9.820	8.947	7.456	6.437	6.638	9.143	9.846	10.438	13.029	19.357
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	31.0	33.7	36.5	50.1	62.8	71.1	76.1	73.0	66.6	53.2	40.9	28.8	50.4
09-11	SD	12.153	13.240	11.467	11.225	9.597	7.497	6.165	5.972	8.465	8.834	10.437	12.732	21.522
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	34.5	38.7	41.8	55.2	67.9	76.3	81.1	78.5	73.1	59.4	45.4	32.6	55.5
12-14	SD	10.860	12.238	12.725	12.267	10.226	7.637	6.552	6.189	8.619	9.016	11.125	12.158	22.097
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	39.5	39.7	43.4	56.7	69.5	77.7	82.8	79.9	74.5	60.5	46.1	32.9	56.8
15-17	SD	10.795	11.993	13.197	12.493	10.157	7.663	6.654	6.311	8.673	9.419	11.302	11.924	22.200
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	33.2	37.7	48.2	63.5	66.2	74.6	79.6	75.9	68.7	55.0	42.3	30.4	53.2
18-20	SD	10.981	12.005	12.385	11.469	9.606	7.575	6.242	6.305	8.621	8.765	10.404	12.172	21.606
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10954
	MEAN	21.8	24.9	36.5	48.1	59.5	67.6	72.1	69.5	62.3	50.9	40.1	29.2	48.6
21-23	SD	11.549	12.866	11.976	10.270	8.662	6.941	5.831	5.985	8.294	8.923	10.136	12.309	19.611
	TOT OBS	930	846	930	900	927	900	930	930	900	930	900	930	10953
	MEAN	28.2	29.1	37.1	49.3	61.1	69.4	74.2	71.3	65.1	52.7	41.3	29.6	50.0
ALL	SD	11.779	13.395	12.402	12.186	11.113	9.563	8.670	8.683	10.644	10.496	10.953	12.634	21.026
HOURS	TOT OBS	7443	6769	7440	7200	7435	7200	7440	7440	7200	7440	7200	7440	87643

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	20.1	21.4	31.5	41.1	51.1	58.9	64.4	63.1	56.9	45.7	37.2	26.9	43.3
01-02	SD	11.769	13.369	10.233	9.110	8.648	6.625	6.198	6.395	8.578	8.986	9.885	12.520	18.016
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	19.4	20.5	30.4	39.7	49.7	57.7	63.1	61.8	55.7	44.8	36.3	26.4	42.2
02-03	SD	12.029	13.318	10.389	9.155	8.693	7.330	6.445	6.702	9.039	9.376	9.938	12.516	17.945
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	18.6	19.7	29.9	39.9	50.7	59.0	64.1	62.4	55.8	44.3	35.8	26.0	42.3
03-04	SD	12.363	13.818	10.420	9.114	8.916	7.182	6.210	6.564	9.088	9.509	10.122	12.739	18.540
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	19.7	22.3	33.3	44.3	55.4	62.9	68.1	67.0	61.0	48.9	38.3	27.3	45.8
04-05	SD	11.851	12.987	10.298	9.411	8.639	6.694	5.614	5.553	8.060	8.239	9.950	12.446	19.189
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	22.5	26.2	36.6	47.1	57.6	64.7	69.6	68.7	63.3	51.9	41.0	29.7	48.4
05-06	SD	12.477	11.522	10.465	9.519	8.324	6.421	5.435	5.653	8.032	7.981	10.071	11.476	18.560
	TOT OBS	930	846	930	900	930	900	930	930	900	930	899	930	10955
	MEAN	23.2	27.6	37.6	47.8	58.0	65.0	70.0	68.8	63.5	52.1	41.3	30.3	48.9
06-07	SD	9.924	11.396	10.380	9.332	8.017	6.253	5.289	5.499	7.891	7.973	10.075	11.635	18.219
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	21.9	25.5	35.7	46.1	56.4	63.7	69.0	67.5	61.2	49.3	39.0	28.6	47.1
07-08	SD	10.546	11.719	10.235	9.191	8.009	6.371	5.459	5.607	7.961	8.139	9.866	11.914	18.478
	TOT OBS	930	846	930	900	928	900	930	930	900	930	900	930	10954
	MEAN	20.4	23.3	33.4	43.3	53.5	61.9	66.4	64.7	58.3	47.3	37.6	27.6	44.8
08-09	SD	11.226	12.673	10.146	9.078	8.232	6.502	5.733	5.922	8.147	8.567	9.670	12.076	18.113
	TOT OBS	930	846	930	900	927	900	930	930	900	930	900	930	10953
	MEAN	20.7	23.3	33.5	43.7	54.1	61.6	66.9	65.5	59.5	48.3	38.3	27.9	45.3
ALL HOURS	SD	11.394	12.908	10.666	9.707	9.095	7.214	6.344	6.572	8.883	9.065	10.115	12.372	18.549
	TOT OBS	7440	6768	7440	7200	7435	7200	7440	7440	7200	7440	7199	7440	87642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	15.3	16.6	27.0	36.3	46.9	55.5	62.1	61.3	54.7	42.5	33.7	23.0	39.7
	SD	13.812	15.412	11.417	10.108	10.450	7.842	6.964	6.943	9.308	9.916	10.774	14.276	19.423
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	14.7	16.2	26.3	35.6	46.3	55.0	61.3	60.4	54.0	42.0	33.1	22.6	39.1
	SD	14.139	15.506	11.538	10.091	10.428	8.076	6.996	7.116	9.584	10.178	10.855	14.240	19.424
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	14.6	15.6	25.9	35.9	47.0	55.9	62.0	61.0	54.2	41.8	32.6	22.3	39.2
	SD	14.332	15.963	11.464	10.066	10.476	8.074	6.641	7.033	9.586	10.198	11.100	14.495	19.889
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	14.9	17.6	28.0	37.9	49.0	57.2	63.6	63.4	57.0	44.5	34.6	23.4	41.0
	SD	13.924	15.084	11.359	10.607	10.986	8.492	7.238	6.937	9.598	9.475	11.041	14.283	20.044
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	16.5	20.0	29.2	38.5	49.3	57.3	63.3	63.1	56.6	44.8	35.4	24.8	41.7
	SD	12.686	13.790	11.609	10.975	11.052	8.698	7.545	7.758	10.595	10.132	11.365	14.051	19.375
	TOT OBS	930	846	930	900	930	900	930	930	900	930	899	930	10955
15-17	MEAN	16.7	20.8	29.4	38.5	48.8	56.8	63.0	62.5	56.0	44.0	35.3	25.0	41.5
	SD	12.224	13.430	11.328	11.015	11.026	8.611	7.647	7.802	10.679	10.330	11.429	13.989	19.045
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
18-20	MEAN	15.9	19.7	28.8	38.0	48.1	56.5	63.1	62.7	55.9	43.4	34.5	24.2	41.0
	SD	12.701	14.157	11.476	11.076	11.040	8.907	7.698	7.455	9.942	9.991	11.146	13.950	19.330
	TOT OBS	930	846	930	900	928	900	930	930	900	930	900	930	10954
21-23	MEAN	15.5	18.4	28.3	37.5	48.0	56.2	63.1	62.1	55.3	43.0	33.8	23.7	40.5
	SD	13.243	15.026	11.412	10.343	10.370	8.154	6.992	6.875	9.215	9.739	10.705	13.994	19.352
	TOT OBS	930	846	930	900	927	900	930	930	900	930	900	930	10953
ALL HOURS	MEAN	15.4	18.1	27.9	37.3	47.9	56.3	62.7	62.1	55.5	43.2	34.1	23.6	40.5
	SD	13.423	14.923	11.498	10.560	10.776	8.420	7.263	7.313	9.877	10.050	11.085	14.184	19.510
	TOT OBS	7440	6768	7440	7200	7435	7200	7440	7440	7200	7440	7199	7440	87642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 76-87
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	98.9	93.9	72.0	41.4	14.6	77.5	930
	03-05	100.0	100.0	100.0	100.0	99.0	92.9	72.7	43.2	15.1	77.9	930
	06-08	100.0	100.0	100.0	100.0	99.7	94.5	74.1	47.1	16.8	78.6	930
	09-11	100.0	100.0	100.0	100.0	99.1	92.2	70.4	42.7	15.2	77.3	930
	12-14	100.0	100.0	100.0	99.9	95.1	80.1	51.6	27.6	8.7	71.8	930
	15-17	100.0	100.0	100.0	99.7	91.8	75.4	46.1	23.3	6.5	69.8	930
	18-20	100.0	100.0	100.0	99.9	96.2	86.8	58.5	31.1	9.5	73.9	930
	21-23	100.0	100.0	100.0	100.0	98.1	91.9	68.3	38.1	14.5	76.7	930
	TOTALS	100.0	100.0	100.0	99.9	97.2	88.5	64.2	36.8	12.6	75.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

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	99.8	98.7	97.8	71.5	45.6	21.3	79.4	846
	03-05	100.0	100.0	100.0	100.0	98.5	92.4	77.2	48.9	24.5	79.8	846
	06-08	100.0	100.0	100.0	99.9	98.5	94.8	79.9	51.9	26.7	81.0	846
	09-11	100.0	100.0	100.0	99.8	96.2	89.8	72.0	43.0	21.0	77.9	846
	12-14	100.0	100.0	99.6	97.8	91.5	73.8	48.8	26.5	13.4	73.9	846
	15-17	100.0	100.0	99.3	95.4	86.8	66.1	42.6	23.6	9.6	68.1	846
	18-20	100.0	100.0	100.0	99.7	93.4	80.0	54.0	32.0	11.0	72.6	846
	21-23	100.0	100.0	100.0	99.9	96.9	88.4	69.0	39.7	18.0	76.6	846
	TOTALS	100.0	100.0	99.9	98.9	95.0	84.5	64.2	38.9	18.2	75.7	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.9	97.8	91.0	69.5	39.9	9.9	76.4	930
	03-05	100.0	100.0	100.0	100.0	98.8	93.1	77.5	46.5	10.8	78.4	930
	06-08	100.0	100.0	100.0	100.0	98.8	93.9	80.4	49.9	11.4	79.0	930
	09-11	100.0	100.0	99.9	99.6	94.1	80.9	55.2	29.5	8.3	72.3	930
	12-14	100.0	99.9	98.0	89.8	75.5	55.7	34.4	18.4	5.1	63.2	930
	15-17	100.0	99.6	95.1	83.4	69.4	51.3	31.9	16.7	3.3	60.5	930
	18-20	100.0	99.9	98.7	92.3	81.7	63.0	41.4	21.9	4.1	65.8	930
	21-23	100.0	100.0	100.0	99.5	95.1	83.0	57.5	31.8	6.6	72.9	930
	TOTALS	100.0	99.9	99.0	95.4	88.9	76.4	56.0	31.8	7.4	71.1	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 73-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	98.8	94.3	80.9	55.6	30.3	8.0	72.7	900
	03-05	100.0	100.0	100.0	100.0	98.1	89.3	67.8	40.3	12.9	76.4	900
	06-08	100.0	100.0	100.0	100.0	98.0	89.6	68.6	40.8	12.6	76.6	900
	09-11	100.0	100.0	99.6	97.1	77.7	58.4	38.0	20.4	5.1	64.9	900
	12-14	100.0	99.9	94.1	76.0	57.9	40.4	26.2	11.3	2.1	56.5	900
	15-17	100.0	99.3	88.4	68.9	52.8	36.8	25.3	11.0	4.0	54.2	900
	18-20	100.0	99.8	94.0	79.0	63.2	46.1	30.0	16.1	5.0	59.0	900
	21-23	100.0	100.0	99.8	96.2	86.6	67.6	47.3	23.9	6.4	68.4	900
	TOTALS	100.0	99.9	97.0	89.0	78.6	63.6	44.9	24.3	7.0	66.1	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 78-87
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	00-02	100.0	100.0	100.0	98.6	93.4	80.9	60.2	37.3	12.9	74.3	930
	03-05	100.0	100.0	100.0	99.5	97.1	90.1	72.4	46.7	17.8	78.4	930
	06-08	100.0	100.0	100.0	99.8	96.7	86.1	68.0	42.4	16.1	76.7	930
	09-11	100.0	100.0	98.7	90.1	72.3	51.3	34.0	19.2	5.3	62.9	930
	12-14	100.0	99.9	92.5	70.4	51.0	34.8	22.6	12.9	2.8	54.3	930
	15-17	100.0	99.7	87.2	61.0	44.2	30.8	19.6	10.0	1.8	51.0	930
	18-20	100.0	99.9	91.5	71.0	52.8	38.9	25.9	13.8	2.7	55.5	928
	21-23	100.0	100.0	99.7	94.8	81.1	63.2	45.2	25.0	8.0	67.5	927
	TOTALS	100.0	99.9	96.2	85.7	73.6	59.5	43.5	26.2	8.4	65.1	7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.8	97.6	88.6	66.1	36.8	7.8	75.5	900
	03-05	100.0	100.0	100.0	100.0	99.8	94.9	82.7	51.8	12.3	80.1	900
	06-08	100.0	100.0	100.0	100.0	99.2	92.0	75.0	42.8	10.3	77.8	900
	09-11	100.0	100.0	99.9	95.8	78.3	51.7	28.4	14.9	3.7	62.9	900
	12-14	100.0	99.6	97.7	79.6	51.7	27.9	15.6	7.7	1.9	53.6	900
	15-17	100.0	99.7	94.9	68.1	42.6	22.6	11.9	6.4	1.1	50.5	900
	18-20	100.0	99.7	97.6	76.1	55.1	33.1	20.8	11.2	2.4	55.5	900
	21-23	100.0	99.9	99.7	96.3	89.2	69.6	43.1	21.8	4.2	68.3	900
	TOTALS	100.0	99.9	98.7	90.0	76.7	60.2	43.0	24.2	5.5	65.5	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.8	97.4	84.4	55.3	15.8	81.1	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	92.7	72.5	26.9	85.0	930
	06-08	100.0	100.0	100.0	100.0	99.7	97.7	87.2	64.1	21.8	82.9	930
	09-11	100.0	100.0	100.0	98.1	87.1	65.3	37.6	18.8	4.5	66.6	930
	12-14	100.0	100.0	99.8	86.2	60.0	32.5	15.4	8.0	2.9	56.2	930
	15-17	100.0	100.0	98.3	76.6	49.4	25.6	14.5	6.9	2.4	53.2	930
	18-20	100.0	100.0	99.2	87.8	66.1	42.3	22.6	10.1	3.7	58.9	930
	21-23	100.0	100.0	100.0	100.0	97.2	85.8	69.0	32.9	6.7	74.0	930
	TOTALS	100.0	100.0	99.7	93.6	82.4	68.2	51.8	33.5	10.6	69.7	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.9	99.4	92.5	74.9	26.6	85.2	930
	03-05	100.0	100.0	100.0	99.9	99.7	99.7	97.1	82.9	42.4	88.2	930
	06-08	100.0	100.0	100.0	100.0	99.9	99.7	96.7	81.3	40.9	87.9	930
	09-11	100.0	100.0	100.0	99.6	93.9	81.1	58.1	34.5	8.7	73.1	930
	12-14	100.0	100.0	99.7	91.7	72.4	47.1	26.0	10.5	2.4	60.5	930
	15-17	100.0	100.0	95.9	84.6	64.1	38.7	20.6	7.1	1.0	57.0	930
	18-20	100.0	100.0	99.7	94.9	81.8	60.8	39.6	18.5	1.6	65.3	930
	21-23	100.0	100.0	100.0	100.0	98.5	93.3	80.1	56.0	12.4	79.7	930
	TOTALS	100.0	100.0	99.8	96.3	88.8	77.5	63.8	45.7	17.0	74.6	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.7	96.3	90.1	68.2	21.2	83.4	900
	03-05	100.0	100.0	100.0	100.0	99.9	99.4	94.1	79.4	33.3	86.5	900
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	96.0	82.6	36.3	87.4	900
	09-11	100.0	100.0	99.9	99.6	91.9	76.6	57.2	33.9	7.6	72.3	900
	12-14	100.0	100.0	97.8	88.3	62.6	40.3	23.8	10.6	2.0	58.0	900
	15-17	100.0	100.0	96.7	78.9	53.4	34.1	17.7	7.2	1.7	54.5	900
	18-20	100.0	100.0	99.2	93.9	80.8	62.0	40.3	17.8	4.1	65.5	900
	21-23	100.0	100.0	100.0	99.6	97.9	91.7	79.0	46.9	8.8	78.2	900
	TOTALS	100.0	100.0	99.2	94.9	85.8	75.0	62.3	43.3	14.4	73.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	98.6	94.4	78.2	49.4	16.1	79.4	930
	03-05	100.0	100.0	100.0	100.0	99.1	96.5	85.9	59.6	23.0	82.0	930
	06-08	100.0	100.0	100.0	100.0	99.6	97.3	89.7	66.8	27.1	83.7	930
	09-11	100.0	100.0	99.8	99.0	94.5	79.2	59.1	34.4	10.6	73.3	930
	12-14	100.0	100.0	97.4	90.9	68.9	45.3	27.5	14.9	4.4	60.6	930
	15-17	100.0	100.0	95.7	82.7	56.0	36.2	24.7	14.0	3.5	57.1	930
	18-20	100.0	100.0	99.5	96.1	84.6	62.4	38.1	20.3	6.0	66.5	930
	21-23	100.0	100.0	100.0	99.4	97.7	88.9	64.9	35.6	10.8	75.5	930
	TOTALS	100.0	100.0	99.1	96.0	87.4	75.0	58.5	36.9	12.7	72.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	99.2	97.1	82.3	52.9	15.4	80.3	900
	03-05	100.0	100.0	100.0	100.0	100.0	97.2	83.7	59.1	21.1	81.6	900
	06-08	100.0	100.0	100.0	100.0	99.8	97.4	87.6	63.6	20.1	82.5	900
	09-11	100.1	100.0	100.0	99.9	98.6	93.2	75.4	47.8	17.7	78.8	900
	12-14	100.0	100.0	100.0	99.3	87.3	67.5	47.4	27.6	9.9	69.5	899
	15-17	100.0	100.0	99.9	97.2	83.8	62.4	43.7	25.2	8.4	67.6	900
	18-20	100.0	100.0	99.9	99.4	97.6	86.4	62.2	33.2	11.0	74.7	900
	21-23	100.0	100.0	100.0	99.4	99.0	94.7	78.2	44.3	12.8	78.5	900
	TOTALS	100.0	100.0	100.0	99.3	95.7	87.0	70.1	44.1	14.6	76.7	7195

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 726330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	99.7	94.4	81.5	51.2	19.5	80.3	930
	03-05	100.0	100.0	100.0	99.9	99.4	94.6	84.3	52.7	21.1	80.9	930
	06-08	100.0	100.0	100.0	100.0	99.4	95.7	86.2	56.0	23.1	81.4	930
	09-11	100.0	100.0	100.0	99.9	98.9	94.6	79.7	54.0	20.6	80.4	930
	12-14	100.0	100.0	100.0	99.7	96.9	85.6	59.7	38.2	16.8	75.3	930
	15-17	100.0	100.0	100.0	100.0	95.3	80.2	55.3	33.1	16.0	73.6	930
	18-20	100.0	100.0	100.0	100.0	98.8	93.3	71.8	42.4	19.7	78.1	930
	21-23	100.0	100.0	100.0	100.0	100.0	99.6	89.8	49.2	20.3	80.0	930
	TOTALS	100.0	100.0	100.0	99.9	98.6	91.6	74.9	47.1	19.6	78.8	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

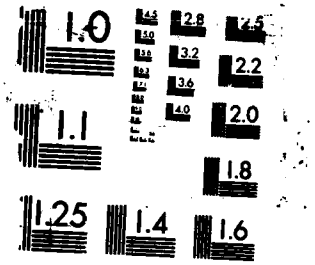
STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-87
MONTH: ALL

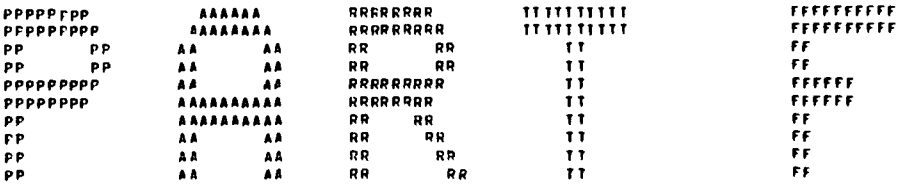
MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	99.9	97.2	88.5	64.2	36.9	12.6	75.4	7440
FEB		100.0	100.0	99.9	98.9	95.0	84.5	64.2	38.9	16.2	75.7	6768
MAR		100.0	99.9	99.0	95.4	88.9	76.4	56.0	31.8	7.4	71.1	7440
APR		100.0	99.9	97.0	89.0	78.6	63.6	44.9	24.3	7.0	66.1	7200
MAY		100.0	99.9	96.2	85.7	73.6	59.5	43.5	26.2	8.4	65.1	7438
JUN		100.0	99.9	98.7	90.0	76.7	60.0	43.0	24.2	5.5	65.5	7200
JUL		100.0	100.0	99.7	93.6	82.4	68.2	51.8	33.5	12.6	69.7	7440
AUG		100.0	100.0	99.8	96.3	88.8	77.5	63.8	45.7	17.0	74.6	7440
SEP		100.0	100.0	99.2	94.9	85.8	75.0	62.3	43.3	14.4	73.2	7200
OCT		100.0	100.0	99.1	96.0	87.4	75.0	58.5	36.9	12.7	72.3	7440
NOV		100.0	100.0	100.0	99.3	95.7	87.0	70.1	44.1	14.6	76.7	7194
DEC		100.0	100.0	100.0	99.9	98.6	91.8	74.9	47.1	19.6	78.8	[illegible]
	TOTALS	100.0	100.0	99.1	94.9	87.4	75.6	58.1	36.1	12.7	[illegible]	[illegible]

AD-A188 269 FORT WAYNE MUNI INDIANA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERV..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 09 OCT 87 4/4

UNCLASSIFIED USAFETAC/DS-87/065 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART



PRESSURE SUMMARIES

STATION PRSSURE 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
USAFETAC
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01	MEAN	1019.1	1020.3	1017.0	1015.0	1015.0	1015.2	1016.4	1017.3	1018.3	1018.8	1019.1	1019.5	1017.6
	SD	9.390	8.760	8.622	7.444	5.598	4.678	3.911	3.926	5.316	6.589	7.827	8.894	7.218
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	1019.1	1020.0	1016.6	1014.6	1014.8	1015.0	1016.1	1017.1	1018.2	1018.6	1019.0	1019.5	1017.4
	SD	9.512	8.933	8.785	7.684	5.864	4.664	4.019	4.155	5.498	6.832	8.003	9.018	7.399
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	1019.3	1020.4	1017.2	1015.4	1015.7	1015.9	1016.9	1017.9	1019.1	1019.3	1019.3	1019.6	1018.0
	SD	9.565	9.036	8.971	7.875	6.021	4.953	4.150	4.195	5.566	6.936	8.205	9.130	7.469
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	1020.3	1021.2	1017.9	1015.8	1016.1	1016.3	1017.3	1018.4	1019.6	1020.0	1020.0	1020.4	1018.6
	SD	9.619	9.173	9.081	7.923	6.060	4.952	4.181	4.193	5.673	6.984	8.413	9.294	7.593
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	1019.5	1020.7	1017.4	1015.2	1015.5	1015.8	1016.9	1017.9	1018.7	1019.1	1019.0	1019.5	1017.9
	SD	9.410	9.145	8.916	7.705	5.821	4.817	4.014	4.032	5.549	6.725	8.367	9.359	7.441
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1018.9	1019.6	1016.2	1014.2	1014.4	1014.7	1015.9	1016.7	1017.4	1018.2	1018.3	1019.0	1016.9
	SD	9.038	8.925	8.606	7.350	5.549	4.712	3.892	3.923	5.375	6.463	8.118	9.176	7.237
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	1019.6	1020.2	1016.6	1014.4	1014.3	1014.4	1015.5	1016.5	1017.5	1018.7	1019.0	1019.7	1017.2
	SD	8.911	8.744	8.271	7.146	5.389	4.485	3.721	3.845	5.253	6.386	7.930	9.026	7.166
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
22	MEAN	1019.6	1020.5	1017.2	1015.2	1015.1	1015.2	1016.3	1017.4	1018.3	1019.1	1019.2	1019.9	1017.7
	SD	9.043	8.735	8.368	7.178	5.447	4.489	3.714	3.870	5.233	6.438	7.924	8.895	7.114
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	1019.4	1020.4	1017.0	1015.0	1015.1	1015.3	1016.4	1017.4	1018.4	1019.0	1019.1	1019.6	1017.7
	SD	9.311	8.929	8.709	7.549	5.746	4.777	3.989	4.058	5.472	6.684	8.102	9.096	7.347
	TOT OBS	2480	2256	2486	2400	2478	2400	2480	2480	2400	2480	2400	2480	29214

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 725330 STATION NAME: FORT WAYNE MUNI IN

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01	MEAN	29.168	29.205	29.124	29.080	29.092	29.107	29.143	29.168	29.190	29.191	29.191	29.189	29.154
	SD	.264	.244	.242	.213	.158	.131	.111	.111	.148	.185	.221	.248	.201
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	29.167	29.196	29.112	29.066	29.085	29.099	29.135	29.160	29.186	29.185	29.184	29.186	29.146
	SD	.266	.246	.246	.217	.165	.137	.113	.116	.152	.191	.224	.251	.205
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	29.172	29.206	29.129	29.089	29.111	29.126	29.158	29.183	29.211	29.204	29.195	29.189	29.164
	SD	.267	.251	.252	.224	.171	.141	.117	.118	.155	.194	.231	.254	.208
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	29.199	29.227	29.146	29.101	29.119	29.138	29.168	29.196	29.223	29.224	29.213	29.210	29.180
	SD	.268	.254	.255	.225	.172	.140	.119	.118	.158	.196	.236	.259	.211
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	29.180	29.217	29.137	29.087	29.105	29.120	29.160	29.184	29.203	29.201	29.188	29.187	29.164
	SD	.263	.254	.249	.220	.166	.137	.115	.113	.155	.190	.236	.261	.207
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	29.160	29.186	29.104	29.057	29.074	29.089	29.127	29.150	29.162	29.173	29.165	29.172	29.135
	SD	.253	.248	.241	.209	.156	.133	.110	.110	.149	.181	.228	.255	.201
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	29.190	29.201	29.113	29.062	29.070	29.081	29.117	29.144	29.165	29.187	29.183	29.193	29.141
	SD	.249	.242	.232	.204	.152	.127	.105	.109	.146	.180	.224	.252	.198
	TOT OBS	310	282	310	300	309	300	310	310	299	310	300	310	3650
22	MEAN	29.190	29.207	29.127	29.085	29.092	29.104	29.139	29.167	29.186	29.199	29.188	29.197	29.156
	SD	.252	.241	.234	.204	.154	.127	.105	.108	.145	.180	.222	.247	.196
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	29.176	29.206	29.124	29.078	29.094	29.107	29.143	29.169	29.191	29.195	29.188	29.190	29.155
	SD	.260	.248	.244	.215	.162	.135	.113	.114	.152	.187	.228	.253	.204
	TOT OBS	2480	2256	2480	2400	2478	2400	2480	2480	2399	2480	2400	2480	29213

END

DATE

FILMED

8