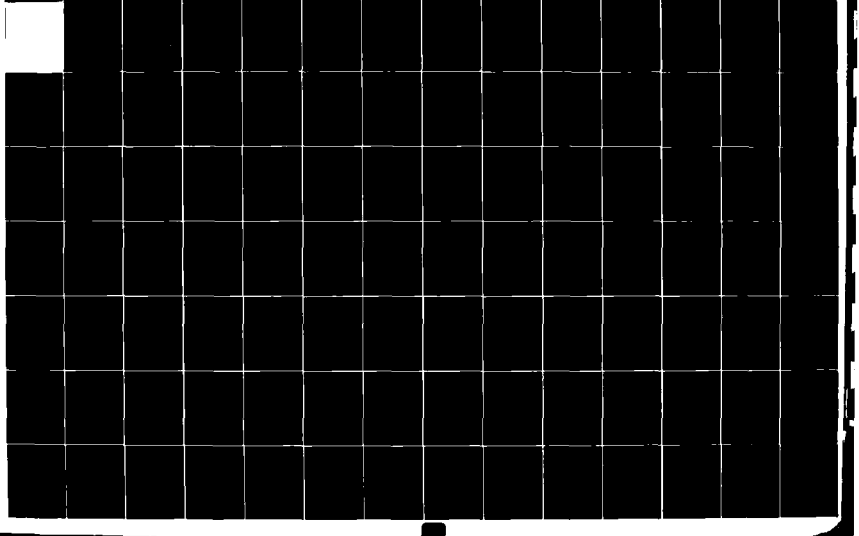
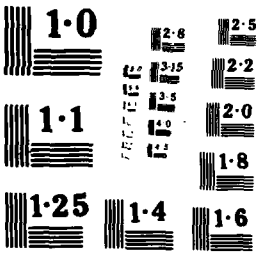
AD-A159 636 WRIGHT-PATTERSON AFB OHIO REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 85 1/4

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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

04 SEP 1985

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FOR THE COMMANDER

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Research Section
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(continued over)

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

A six-part statistical data summary of surface weather observation climatology for: WRIGHT-PATTERSON AFB OHIO.

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

20 DISTRIBUTION/AVAILABILITY OF ABSTRACT: ☐ UNCLASSIFIED/UNLIMITED ☒ SAME AS RPT ☐ DTIC USERS	21 ABSTRACT SECURITY CLASSIFICATION: Unclassified
22a NAME OF RESPONSIBLE INDIVIDUAL: Marie W. Kefield	22b TELEPHONE (Include Area Code): (618) 256-2025; 22c OFFICE SYMBOL: USAFETAC/LDD

DD FORM 1473, 84 MAR — 83 APR edition may be used until exhausted. All other editions are obsolete.

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18. Subject terms cont.

winds precipitation temperature visibility

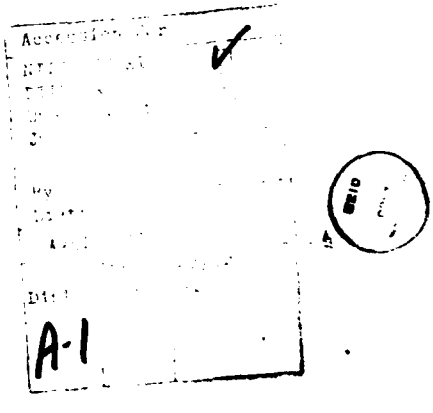
barometric pressure relative humidity

sky cover psychrometric data ceiling

Revised Uniform Summary of Surface Weather Observations
RUSSWO

WRIGHT - PATTERSON AFB OHIO
USOH 745700

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



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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

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

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY_____ APRIL_____ JULY_____ OCTOBER_____

FEBRUARY_____ MAY_____ AUGUST_____ NOVEMBER_____

MARCH_____ JUNE_____ SEPTEMBER_____ DECEMBER_____

STATION LOCATION AND INSTRUMENTATION HISTORY

AWS MSC NO.	NAME OF STATION	LATITUDE	LONGITUDE	ELEVATION	WMO NUMBER
745700	WRIGHT-PATTERSON AFB [illegible]	[illegible]	W [illegible]	[illegible]	74570

CHG NO.	GEOGRAPHICAL LOCATION AND NAME	TYPE STATION	AT THIS LOCATION		ELEVATION ABOVE MSL		OBS PER DAY
			BEGIN	END	FIELD FT	HT BARO	
1	Wright-Patterson AFB OH	AFI	[illegible]	[illegible]	[illegible]	822	24
2	Wright-Patterson OH (Sulphur Grove)	[illegible]	May [illegible]	[illegible]	[illegible]	974	24
3	Wright-Patterson AFB OH	AFB	Jan [illegible]	[illegible]	834	822	24
4	Same	Same	Sep [illegible]	Mar [illegible]	Same	820	24
5	Same	Same	Apr [illegible]	[illegible]	Same	Same	24
6	Same	Same	[illegible]	[illegible]	834	Same	24

CHG NO.	DATE OF CHANGE	SURFACE EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT AB GROUND	
1	Sep 49	UNK				
2	Apr 53	On top hanger bldg 206	MI-1/1a	MI-414	115 ft	Antenna type wind equip
3	May 56	100 ft N rawinsonde bldg 500A	GM-1	None	[illegible] ft	
4	Jan 57	Between runways 23R and 23L	AN/GMQ-11	RO-2	13 ft	
5	Jan 71	Same	Same	RO-462	Same	
6	Oct 76	Same	GMQ-11	Same	Same	
7	Dec 83	Same	Same	Same	Same	
8	May 84	Bldg 206, Rm 107	Same	AN/TMQ-1	Same	Removed RVS Computer
9	Jul 84	Bldg 206, Rm 107	Same	MI-[illegible]	Same	Installed DRAO
10	Sep 84	Same	Same	GMQ-11	Same	Upgraded Detector Amps with Solid State

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

...TAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

...4...0 ...RIGHT-PATTERSON AFB OH (STATION NAME) 76-85 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	...0-2		6.1	.6	27.3		33.7	14.8	2.7	3.4		23.4	930
	...-05	.1	6.5	1.1	28.0		34.7	19.0	2.9	2.5		22.8	930
	06-08		5.7	1.8	26.5		33.3	22.0	4.7	3.4		27.5	930
	...-11		5.3	1.2	22.9		29.3	27.2	7.4	4.2		35.8	930
	12-14		4.7	.8	19.2		24.2	23.2	7.4	3.2		30.1	930
	15-17	.2	4.9	1.5	16.3		21.9	15.8	5.3	4.5		24.7	930
	...-20	.1	5.2	1.0	18.2		23.7	13.8	3.9	3.8		20.6	930
	21-23		5.5	1.2	23.5		29.5	14.7	3.8	2.5		18.3	930
TOTALS		.1	5.4	1.2	22.4		28.7	13.9	4.6	3.5		25.4	7440

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A... WEATHER SERVICE/MAC

WEATHER CONDITIONS

74747 3 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 76-85 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02	.2	6.2	.7	14.3		23.3	18.6	4.2	.3		23.6	349
	03-05		6.4	.9	17.3		24.2	24.3	4.9	.7		25.5	349
	06-08		6.2	.7	17.2	.1	23.3	32.6	6.4	1.4		35.3	349
	09-11		6.2	.3	15.3		22.1	32.7	11.2	1.2		39.1	349
	12-14		6.6	.7	13.3		23.3	17.9	11.2	1.4		27.9	349
	15-17	.2	7.2	.6	13.2		23.6	14.6	8.6	1.6		22.1	349
	18-20	.2	6.6	1.1	11.3		18.6	14.7	5.7	1.3		19.6	349
	21-23	.1	6.2	1.1	11.3		18.3	14.6	3.7	1.2		15.7	349
TOTALS		.1	6.4	.8	14.2	.1	21.2	21.2	6.2	1.3		25.1	5732

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USAFETAC
AI[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

4[illegible] 7[illegible]0 WRIGHT-PATTERSON AFB OH 76-85 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02	.5	14.3	.1	8.3		22.3	15.2	1.3			13.7	933
	03-05	.4	12.8	.4	7.3		19.9	15.5	1.7	.2		13.5	933
	06-08	.6	13.4	.6	6.9		19.9	23.7	5.4	.3		25.5	933
	09-11	.2	10.3		6.3		17.0	19.3	3.0	.2		25.9	933
	12-14		7.5	.2	4.7		12.5	14.5	7.0	.1		19.4	933
	15-17	.4	11.9	.4	4.3		16.9	12.5	5.4	.2		16.5	933
	18-20	1.0	12.2		6.9	.1	18.5	13.3	3.4	.1		15.7	933
	21-23	.5	12.3		8.4		20.5	14.0	1.3			14.5	933
TOTALS		.5	11.9	.2	6.7	.1	18.5	15.3	4.3	.1		19.2	7463

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AI WEATHER SERVICE/MAC

WEATHER CONDITIONS

4[illegible]700 WRIGHT-PATTERSON AFB OH 76-85 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02	1.3	11.9		1.3		12.3	7.3	1.4			7.4	900
	03-05	1.4	13.3		1.2		14.5	11.9	1.9			11.4	900
	06-08	.9	13.3		1.3		14.8	23.3	6.2	.3		25.9	900
	09-11	.6	12.1		1.7		14.5	11.3	5.3			15.4	900
	12-14	.6	10.7		1.1	.1	11.7	5.8	3.3			9.1	900
	15-17	1.6	10.9		.9	.2	11.5	4.5	2.7			6.8	900
	18-20	1.7	13.7		.9	.1	14.2	7.3	2.3			9.5	900
	21-23	.8	12.3		1.3	.1	13.1	5.5	1.3			7.9	900
TOTALS		1.1	12.4		1.3	.1	13.4	7.3	3.1	.3		11.3	7203

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WEATHER CONDITIONS

74-79 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 76-85 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	1.4	11.8				11.8	15.3	9.5			21.4	930
	03-05	.9	13.2				13.2	24.1	7.5			29.0	930
	06-08	.5	12.7			.1	12.7	31.5	13.4			38.8	930
	09-11	1.1	10.9				10.9	13.9	13.0			24.5	930
	12-14	1.7	11.9				11.9	7.3	10.1			16.6	930
	15-17	2.2	11.0				11.0	6.8	9.4			15.3	930
	18-20	2.2	10.5			.1	10.5	6.4	6.1			12.2	923
	21-23	2.2	11.9				11.9	9.9	4.5			13.7	927
TOTALS		1.5	11.7			.0	11.7	14.4	8.2			21.4	7435

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WEATHER CONDITIONS

74 700 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 73-84 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	2.3	5.9				5.9	10.4	14.3			22.3	900
	03-05	1.4	5.7				5.7	29.7	19.3			39.3	900
	06-08	.6	6.4				6.4	32.6	26.9			47.9	900
	09-11	.6	5.6				5.6	10.9	23.0			30.4	900
	12-14	1.9	5.3				5.3	2.3	18.3			20.8	900
	15-17	4.6	6.7				6.7	1.7	17.2			18.3	900
	18-20	5.6	6.1			.1	6.1	1.9	15.1			16.4	900
	21-23	4.2	7.0				7.0	4.5	12.0			15.8	900
TOTALS		2.6	6.1			.0	6.1	11.8	18.3			25.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

74[illegible]00 WRIGHT-PATTERSON AFB OH 75-84 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	2.3	4.0				4.0	13.8	24.6			33.3	930
	03-05	1.4	4.1				4.1	37.7	25.9			47.7	930
	06-08	.8	5.3				5.3	44.5	27.0			53.1	930
	09-11	1.7	6.0				6.0	12.7	25.6			33.4	930
	12-14	2.6	5.6				5.6	4.3	24.3			27.5	930
	15-17	4.0	6.1				6.1	4.0	24.2			25.5	930
	18-20	4.5	6.7				6.7	5.2	24.2			27.2	930
	21-23	3.0	3.7				3.7	7.3	23.3			26.9	930
TOTALS		2.6	5.2				5.2	15.9	25.3			34.5	7440

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

47[illegible]3 WRIGHT-PATTERSON AFB OH 75-84 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	2.7	7.2				7.2	25.2	22.3			35.1	930
	03-05	1.9	7.3				7.3	41.9	21.1			49.1	930
	06-08	1.9	5.3				5.3	59.1	29.1			66.3	930
	09-11	1.8	6.5				6.5	23.9	36.5			43.8	930
	12-14	2.7	5.7				5.7	4.8	32.4			35.7	930
	15-17	3.5	6.9			.1	6.9	3.9	28.5			31.3	930
	18-20	5.2	6.3				6.3	5.2	27.2			33.9	930
	21-23	4.1	5.6				5.6	11.3	24.3		.1	33.2	930
TOTALS		3.3	6.4			.2	6.4	21.7	27.5		.2	41.2	7443

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

4[illegible]0 WRIGHT-PATTERSON AFB OH 75-84 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.9	5.2				5.2	19.3	13.2			25.4	999
	03-05	.7	7.1				7.1	33.9	12.7			37.0	999
	06-08	.6	7.8				7.8	48.3	16.6			53.0	999
	09-11	.3	7.1				7.1	19.1	22.4			35.4	999
	12-14	.7	5.4				5.4	4.3	16.5			20.0	999
	15-17	.8	4.6				4.6	3.0	15.5			18.1	999
	18-20	1.4	3.9				3.9	4.9	13.9			17.5	999
	21-23	2.0	6.5				6.5	7.1	11.3			17.1	999
TOTALS		.9	6.0				6.0	17.5	15.4			23.0	7992

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

74957 WRIGHT-PATTERSON AFB OH 75-84 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02	.8	11.3		.3		11.5	17.1	2.7			18.0	930
	03-05	.3	10.3		.1		10.4	23.5	3.7			24.7	930
	06-08	.2	11.2				11.2	32.6	6.9			35.7	930
	09-11		9.9				9.9	19.6	11.6			28.0	930
	12-14	.2	9.9				9.9	9.7	5.3			15.2	930
	15-17	.4	11.2		.1		11.3	3.3	4.9			13.0	930
	18-20	.2	10.2		.2		10.4	3.5	5.1			12.4	930
	21-23	.4	11.1		.2		11.3	10.4	3.9			13.2	930
TOTALS		.3	10.6		.1		10.8	15.2	5.6			23.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

74[illegible]700 WRIGHT-PATTERSON AFB OH 75-84 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02	.2	10.3	.1	3.2		13.1	12.5	5.4			14.3	900
	03-05	.2	10.7		4.4		15.3	19.1	3.3			20.3	900
	06-08	.1	14.3		4.3		18.1	26.7	4.8			29.5	900
	09-11		12.2		5.3		17.3	21.3	9.1			27.4	900
	12-14	.1	11.3		4.2		15.5	9.1	7.2			16.3	900
	15-17	.1	10.2		3.4		13.7	7.9	6.3			13.1	900
	18-20	.3	12.3	.2	3.2		15.3	7.2	4.3			10.2	900
	21-23	.2	10.1		4.3		13.5	8.1	3.7			10.2	900
TOTALS		.2	11.3	.1	4.1		15.1	14.3	5.5			17.5	7213

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

(4907) (WRIGHT-PATTERSON AFB OH) (75-84) (DEC)
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02		11.5	.8	11.1		22.4	14.4	.1	.3		14.7	930
	03-05	.3	13.4	.5	8.3		22.0	15.2	.2			15.3	930
	06-08		13.3	1.0	10.3		24.4	21.3	1.1	.3		22.6	930
	09-11		11.7	.5	9.5		21.7	25.1	3.7	1.0		23.2	930
	12-14		10.3	.2	8.7		18.6	15.6	4.3	1.1		19.9	930
	15-17		12.0	.5	9.2		21.7	15.2	3.5	1.2		20.1	930
	18-20	.1	12.4	.6	9.5		21.5	15.3	2.2	.9		17.6	930
	21-23		11.7	.5	11.1		22.4	14.3	.5	.5		14.9	930
TOTALS		.1	12.0	.6	9.3		21.9	17.3	2.0	.7		19.3	7440

USAFETAC FORM 0-10 5/80L A1, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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A... WEATHER SERVICE/MAC

WEATHER CONDITIONS

...4 7 0 ...RIGHT-PATTERSON AFB OH 75-85 ...
STATION NUMBER STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER (DAYS)	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL	.1	7.4	1.2	22.3		28.7	13.9	4.3	3.5		25.4	7440
FEB		.1	6.4	.8	14.2	.0	21.0	21.2	6.9	1.3		29.1	6792
MAR		.5	11.9	.2	6.7	.0	18.6	15.3	4.3	.1		19.2	7440
APR		1.1	12.4		1.2	.1	13.4	9.5	3.1	.0		11.8	7200
MAY		1.5	11.7			.0	11.7	14.4	8.9			21.4	7435
JUN		2.5	6.1			.0	6.1	11.8	18.3			25.4	7200
JUL		2.6	5.2				5.2	16.9	25.0			34.5	7440
AUG		3.0	5.4			.0	6.4	21.7	27.6		.0	41.0	7440
SEP		.4	5.0				5.0	17.6	15.4			28.0	7200
OCT		.3	10.6		.1		10.8	15.2	5.6			20.0	7440
NOV		.2	11.3	.0	4.1		15.1	14.0	5.6			17.6	7200
DEC		.1	12.0	.6	9.3		21.9	17.3	2.0	.7		19.3	7440
TOTALS		1.1	8.8	.2	4.9	.0	13.7	15.3	10.6	.5	.0	24.2	87557

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

4 7.0 WRIGHT-PATTERSON AFB OH 49-65 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	5.0	34.5	7.5	47.3	.1	57.2	49.4	54.9	7.8		74.5	1147
FEB		2.1	34.1	4.9	41.7	.3	51.2	48.2	56.7	4.5		71.7	1045
MAR		7.8	46.3	1.7	29.5	1.3	63.4	44.3	51.7	2.3		65.3	1147
APR		15.3	55.8	.2	9.3	1.4	59.3	41.3	45.3	.1	.1	53.3	1110
MAY		21.1	51.5		.1	1.3	51.5	43.9	49.3			60.9	1147
JUN		25.3	44.9			1.3	44.9	47.8	62.5			69.1	1080
JUL		26.5	44.4			.2	44.4	54.9	66.9			73.3	1116
AUG		22.5	41.8			.4	41.8	54.5	75.2			80.1	1116
SEP		11.9	37.3			.2	37.4	53.2	62.4			71.1	1080
OCT		5.6	38.2		1.5	.3	38.7	51.3	55.7			67.4	1116
NOV		3.1	40.9	.3	21.5		52.4	45.6	52.3	.9		65.1	1080
DEC		1.3	40.8	4.8	39.2		54.3	45.3	50.5	3.5		69.7	1116
TOTALS		12.3	42.5	1.5	15.9	.5	52.2	49.5	56.3	1.5	.0	68.8	13303

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

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

2 [illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

94720 — WRIGHT-PATTERSON AFB OH — 55-85
STATION — STATION NAME — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	2.4	27.1	4.2	10.6	5.9	8.7	5.5	4.2	1.0	.4				42.5	1425	.71	3.85	.17
FEB	.4	23.5	4.2	11.5	4.7	6.0	5.3	4.1	1.1	.1				38.0	1280	2.42	5.23	.33
MAR	2.7	21.1	3.1	9.5	5.7	9.3	7.5	4.8	1.3	.2				41.2	1457	3.43	9.99	.57
APR	1.1	17.1	4.0	8.2	5.0	8.5	7.7	5.9	2.4					41.5	1419	3.83	7.52	.33
MAY	4.4	14.1	3.4	6.2	4.5	9.3	7.9	5.1	1.9	.1				39.5	1457	3.74	12.34	.55
JUN	2.2	12.2	2.1	5.8	4.2	7.7	6.5	5.2	3.3	.4				35.7	1380	4.50	10.93	.35
JUL	4.5	13.2	3.0	5.2	4.3	7.2	5.5	4.6	2.5	.1				32.3	1425	3.44	7.59	.44
AUG	5.7	11.9	1.8	5.0	3.6	6.7	4.3	4.4	2.6	.2	.1			28.8	1425	3.47	10.15	.21
SEP	3.0	10.9	1.8	4.9	3.0	5.1	5.2	4.3	1.6	.1				25.1	1380	2.80	6.11	.15
OCT	2.0	11.4	2.7	5.3	4.3	6.3	4.5	3.6	1.1	.1				27.5	1425	2.23	6.09	.14
NOV	4.7	17.8	3.1	7.8	4.6	7.1	5.4	5.1	1.4	.1				35.5	1380	3.01	5.98	.60
DEC	3.1	25.5	4.5	8.4	6.5	6.9	5.9	4.1	1.1					38.4	1425	2.75	5.50	.75
ANNUAL	4.4	17.2	3.1	7.3	4.7	7.5	5.7	4.8	1.8	.1	.0			35.4	16873	33.15		

1210 WS FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

74 [illegible] STATION — [illegible] STATION NAME — [illegible] YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]			.55	.60	.75	3.48	1.35	.76	.66	1.25	.59	.42	
[illegible]	.[illegible]27	.[illegible]0	.93	1.59	1.12	.48	.31	.95	.79	1.00	1.15	.83	1.59
[illegible]	.81	.25	.81	.62	.55	1.85	.46	1.76	1.89	1.42	.90	1.64	1.89
[illegible]	.91	.93	.88	1.02	.74	1.92	.55	1.02	.71	.77	1.17	.9[illegible]	1.92
[illegible]	.79	.7[illegible]	2.30	.67	.93	1.23	1.52	1.01	.45	.37	.71	.73	2.30
[illegible]	.31	.82	1.19	1.09	.93	1.90	.25	1.11	.91	.15	.59	.82	1.90
[illegible]	.27	1.75	2.80	.[illegible]1	1.07	1.38	1.73	.30	1.35	.53	.55	.46	2.80
[illegible]	.32	1.57	.91	.71	.43	.82	1.14	1.07	.37	.59	.79	1.37	1.37
[illegible]	1.48	.13	.42	1.32	1.51	2.71	1.34	1.32	1.24	.91	.48	.58	2.71
[illegible]	3.31	1.82	.28	.28	.54	1.15	.95	.71	.83	.99	1.33	.95	3.31
[illegible]	2.71	1.[illegible]5	1.03	.31	.92	1.91	1.01	5.29	1.30	.74	.39	.74	5.29
[illegible]	1.47	1.25	.97	1.48	.71	.98	.91	1.77	1.12	2.15	1.58	1.47	2.15
[illegible]	2.[illegible]9	1.25	.94	.74	1.05	1.46	.18	.30	.84	1.18	1.15	.77	2.69
[illegible]	2.77	.64	1.73	1.[illegible]6	1.23	1.90	.43	.49	1.52	.75	.61	1.12	2.77
[illegible]	1.02	1.14	.74	.46	.35	.81	.50	1.54	.62	.29	.46	.53	1.54
[illegible]	.72	.52	.84	1.17	.72	2.12	.57	.97	.57	1.12	.30	.76	2.12
[illegible]	.49	.[illegible]2	1.24	.49	.71	.98	1.40	1.07	2.05	1.22	2.65	.34	2.65
[illegible]	.41	.66	1.28	.73	1.13	1.27	.47	.91	1.05	.74	3.25	.92	3.25
[illegible]	.56	1.48	.31	1.47	1.19	.92	.73	.25	.94	.64	.91	1.1[illegible]	1.48
[illegible]	1.[illegible]1	.47	.53	.[illegible]7	1.33	1.94	1.49	1.91	.54	.41	.70	1.41	1.84
[illegible]	3.93	.73	1.[illegible]6	.98	.76	.30	1.47	3.36	.79	.61	.79	.73	3.83
[illegible]	.51	.52	.55	.31	1.41	.92	2.15	.52	.53	.49	.35	.72	2.15
[illegible]	.72	1.63	.90	.[illegible]6	.78	1.64	.29	2.26	1.12	.34	1.24	.75	2.26
[illegible]	.79	.76	.66	.14	.91	.12	1.15	.60	.41	.66	.93	.6[illegible]	1.15
[illegible]	.41	.20	2.46	1.66	.55	1.20	1.14	1.34	.12	.76	.25	.31	2.46
[illegible]	.47	.[illegible]9	3.44	1.64	.72	1.75	.99	.15	.92	.17	.62	1.[illegible]6	3.44
[illegible]	1.11	1.98	.83	1.10	.73	.55	.80	.43	2.13	1.73	.57	.29	2.13
[illegible]	1.23	1.[illegible]4	.42	1.[illegible]5	1.12	.84	2.33	1.15	1.[illegible]6	.69	1.17	1.[illegible]3	2.33
[illegible]	.36	.[illegible]4	1.10	1.46	1.15	.51	1.84	.12[illegible]	.73	.59	1.12	1.[illegible]0	1.95
[illegible]	.94	.14	1.43	.85	3.87	1.42	2.59	1.74	1.51	.52	1.11	.75	3.87
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM NO. 0-88-5 (OLA)

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

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

~~74 7/73~~ STATION ~~41641-PATTERSON AFB OH~~ STATION NAME ~~33-45~~ YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	.93	.72	1.33	1.05	1.74	3.16	1.82	2.16	1.27	.56	1.16	.97	3.16
[illegible]	.64	.69	.83*	1.03	.65	2.72	.76	.74	.92	.73	.84	.73	2.72
[illegible]	.74	1.16	.76	.46	1.30	1.79	1.84	.47	1.62	.78	.56	1.70	1.84
[illegible]	.54	.39	.63	1.17	1.97	1.53	.82	.95	1.13	.83	1.33	.69	1.97
[illegible]	.63	.39	1.23	.61	.57	1.63	1.69	.86	.47	1.39	1.03	.72	1.69
[illegible]	.61	.97	.78	1.04	1.17	2.07	.16	1.67	.83	.51	1.13	.69	2.07
[illegible]	.74	2.66	1.33	1.27	.57	.95	3.66	.91	1.66	1.33	.48	1.10	3.66
[illegible]	.72	.54	.62	.94	.83	1.41	1.44	1.54	.83	.42	.54	.23	1.54
7	.53	.43	.96	1.59	.92	.57	1.14	1.55	.79	3.77	.81	.84	3.77
7	1.41	.27	.58	.95	.82	1.34	1.66	1.65	.19	.91	.88	1.55	1.66
7	1.01	.76	.47	.74	.79	1.75	1.81	2.15	2.65	.55	.97	.71	2.65
[illegible]	1.52	.54	.61	.54	1.43	4.67	1.17	2.02	.63	1.31	.58	.31	4.67
[illegible]	.13	.76	.26	1.71	1.53	3.30	2.05	2.98	1.35	1.14	.98	1.01	3.30
[illegible]	1.74	.68	.37	.67	1.46	1.22	.82	2.93	.44	.39	1.33	1.34	2.93
[illegible]	.42	.47	.58	2.43	.92	1.76	1.56	1.36	.61	1.61	1.03	.42	2.43
[illegible]	.22	.83	.80	1.58	1.03	1.16	.78	1.09	.92	.85	1.46	.85	1.58
[illegible]	.39	.43	1.93	.67	1.22								
MEAN	.772	.663	1.024	1.014	1.021	1.534	1.232	1.331	.983	.861	.953	.832	2.526
S D	.541	.513	.649	.475	.541	.892	.713	.953	.531	.511	.559	.358	.904
TOTAL OBS	1425	1281	1457	1429	1457	1382	1425	1426	1332	1425	1382	1426	16873

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

74-73 [illegible] AFB 04 -- -- 59-65
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
7			[illegible]2	4.17	.6[illegible]	8.62	[illegible].7[illegible]	1.37	1.[illegible]1	[illegible].2[illegible]	1.24	1.[illegible]7	
[illegible]	.[illegible]7*	.[illegible]0.	2.20.	5.89.	5.6[illegible].	2.52.	.6[illegible].	3.65.	1.1[illegible].	2.[illegible]0.	3.[illegible]3.	2.[illegible]4.	*31.62
[illegible]1	1.2[illegible]	.[illegible]8	.[illegible]7	1.[illegible]6	1.83	5.[illegible]2	1.31	4.[illegible]5	[illegible].6[illegible]	5.[illegible]9	2.11	[illegible].1[illegible]	31.95
[illegible]2	1.[illegible]4.	2.59.	2.75.	2.[illegible]7.	2.57.	7.29.	2.[illegible]5.	2.94.	2.[illegible]4.	2.1[illegible].	3.[illegible]2.	2.[illegible]5.	37.28
[illegible]4	1.1[illegible]	1.71	5.[illegible]5	2.1[illegible]	4.29	5.[illegible]4	5.31	[illegible].13	1.1[illegible]	1.[illegible]4	1.[illegible]5	.[illegible]3	[illegible]3.24
[illegible]9	.6[illegible]	2.[illegible]6.	4.55.	4.[illegible]3.	4.[illegible]5.	3.33.	.[illegible]92.	3.[illegible]4.	1.[illegible]42.	.[illegible]22.	2.[illegible]5.	3.[illegible]9.	[illegible]2.65
4	1.1[illegible]	[illegible].[illegible]2	[illegible].[illegible]6	4.[illegible]6	4.27	5.64	[illegible].[illegible]9	1.[illegible]0	4.[illegible]1	[illegible].[illegible]5	[illegible].62	1.[illegible]1	43.[illegible]9
4[illegible]	1.[illegible]4.	[illegible].[illegible]3.	[illegible].[illegible]6.	2.[illegible]5.	[illegible].6[illegible].	2.[illegible]0.	[illegible].[illegible]67.	[illegible].[illegible]2[illegible].	.[illegible]5[illegible].	2.[illegible]5.	2.[illegible]6.	[illegible].[illegible]34.	[illegible]2.[illegible]5
4	.[illegible]9[illegible]	.[illegible]53	1.77	5.[illegible]3	[illegible].42	[illegible]0.[illegible]0	4.[illegible]4	[illegible].[illegible]38	[illegible].[illegible]91	[illegible].[illegible]1	2.24	[illegible].[illegible]4	[illegible]5.33
4	5.[illegible]1[illegible]	4.[illegible]15.	4.[illegible]55.	[illegible].67.	2.[illegible]51.	[illegible].[illegible]2[illegible].	[illegible].[illegible]2[illegible].	1.[illegible]32.	1.[illegible]6[illegible].	1.[illegible]7[illegible].	4.[illegible]98.	[illegible].[illegible]1[illegible].	[illegible]2.[illegible]97
4	[illegible].[illegible]8[illegible]	[illegible].[illegible]6[illegible]	[illegible].[illegible]1[illegible]	[illegible].[illegible]42	1.[illegible]4[illegible]	[illegible].[illegible]52	[illegible].[illegible]26	[illegible].[illegible]48	[illegible].[illegible]4[illegible]	[illegible].[illegible]1[illegible]	.[illegible]91	[illegible].[illegible]34	[illegible]5.75
[illegible]	[illegible].[illegible]7[illegible]	[illegible].[illegible]23.	[illegible].[illegible]2[illegible].	[illegible].[illegible]27.	[illegible].[illegible]47.	[illegible].[illegible]98.	[illegible].[illegible]2[illegible].	[illegible].[illegible]18.	[illegible].[illegible]17.	[illegible].[illegible]6[illegible].	[illegible].[illegible]9[illegible].	[illegible].[illegible]23.	[illegible]1.23
[illegible]	[illegible].[illegible]8[illegible]	[illegible].[illegible]15	[illegible].[illegible]9[illegible]	[illegible].[illegible]55	[illegible].[illegible]03	[illegible].[illegible]96	.[illegible]45	1.[illegible]1	[illegible].[illegible]3[illegible]	[illegible].[illegible]13	[illegible].[illegible]99	[illegible].[illegible]48	[illegible]7.[illegible]3
[illegible]	5.[illegible]7[illegible].	[illegible].[illegible]31.	[illegible].[illegible]33.	[illegible].[illegible]6[illegible].	[illegible].[illegible]1[illegible].	[illegible].[illegible]69.	[illegible].[illegible]1[illegible].	[illegible].[illegible]9[illegible].	[illegible].[illegible]72.	.[illegible]9[illegible].	[illegible].[illegible]86.	[illegible].[illegible]25.	[illegible]3.77
[illegible]	[illegible].[illegible]7[illegible]	[illegible].[illegible]06	[illegible].[illegible]91	[illegible].[illegible]05	[illegible].[illegible]52	[illegible].[illegible]34	[illegible].[illegible]1[illegible]	[illegible].[illegible]9[illegible]	.[illegible]73	.[illegible]52	.[illegible]47	[illegible].[illegible]64	19.61
[illegible]	[illegible].[illegible]2[illegible].	[illegible].[illegible]a[illegible]2.	[illegible].[illegible]68.	[illegible].[illegible]6[illegible].	[illegible].[illegible]2[illegible]a.	[illegible].[illegible]a[illegible]9.	[illegible].[illegible]1[illegible]9.	[illegible].[illegible]4[illegible]3.	[illegible].[illegible]1[illegible]4.	[illegible].[illegible]5[illegible]8.	[illegible].[illegible]1[illegible]0.	[illegible].[illegible]2[illegible]3.	[illegible]4.22
[illegible]	1.[illegible]3	[illegible].[illegible]1[illegible]9	3.75	[illegible].[illegible]4[illegible]	[illegible].41	[illegible].[illegible]6[illegible]9	[illegible].[illegible]3[illegible]9	[illegible].[illegible]2[illegible]5	[illegible].[illegible]4[illegible]5	[illegible].[illegible]5[illegible]9	[illegible].77	.[illegible]75	[illegible]9.69
[illegible]5	1.[illegible]4[illegible].	[illegible].[illegible]3[illegible]1.	[illegible].[illegible]41.	[illegible].[illegible]28.	[illegible].[illegible]9[illegible].	[illegible].[illegible]47.	[illegible].[illegible]11.	[illegible].[illegible]27.	[illegible].[illegible]7[illegible].	[illegible].[illegible]23.	[illegible].[illegible]7[illegible].	[illegible].[illegible]33.	[illegible]3.[illegible]9
[illegible]5	1.[illegible]9	[illegible].[illegible]1[illegible]	.[illegible]93	[illegible].[illegible]6[illegible]5	[illegible].[illegible]6[illegible]3	[illegible].[illegible]0[illegible]5	[illegible].[illegible]2[illegible]0	.[illegible]67	[illegible].[illegible]0[illegible]3	[illegible].[illegible]44	[illegible].[illegible]3[illegible]9	[illegible].[illegible]6[illegible]3	35.90
[illegible]5	[illegible].[illegible]1[illegible]7.	[illegible].[illegible]22.	[illegible].[illegible]64.	[illegible].[illegible]2[illegible]2.	[illegible].[illegible]3[illegible]3.	[illegible].[illegible]6[illegible]73.	[illegible].[illegible]7[illegible]4.	[illegible].[illegible]3[illegible]51.	[illegible].[illegible]2[illegible]9[illegible].	[illegible].[illegible]1[illegible]0.	[illegible].[illegible]2[illegible]a.	[illegible].[illegible]1[illegible]9[illegible].	[illegible]2.[illegible]69
[illegible]5	[illegible].[illegible]5[illegible]9	[illegible].[illegible]2[illegible]6[illegible]5	[illegible].[illegible]4[illegible]7	[illegible].[illegible]2[illegible]26	[illegible].[illegible]2[illegible]43	.[illegible]6[illegible]3	[illegible].[illegible]3[illegible]51	[illegible].[illegible]3[illegible]32	[illegible].[illegible]1[illegible]78	[illegible].[illegible]1[illegible]47	[illegible].[illegible]2[illegible]43	[illegible].[illegible]2[illegible]26	34.23
[illegible]	[illegible].[illegible]4[illegible]5	[illegible].[illegible]2[illegible]2[illegible]a.	[illegible].[illegible]1[illegible]65.	.[illegible]38.	[illegible].[illegible]4[illegible]42.	[illegible].[illegible]3[illegible]35.	[illegible].[illegible]2[illegible]43.	[illegible].[illegible]2[illegible]23.	.[illegible]7[illegible].	[illegible].[illegible]1[illegible]99.	[illegible].[illegible]1[illegible]59.	[illegible].[illegible]1[illegible]9[illegible].	[illegible]2.[illegible]75
[illegible]4	.[illegible]4[illegible]	[illegible].[illegible]2[illegible]52	[illegible].[illegible]4[illegible]77	[illegible].[illegible]3[illegible]49	[illegible].[illegible]2[illegible]11	[illegible].[illegible]3[illegible]53	[illegible].[illegible]1[illegible]73	[illegible].[illegible]2[illegible]69	[illegible].[illegible]2[illegible]14	.[illegible]95	[illegible].[illegible]2[illegible]78	[illegible].[illegible]2[illegible]60	29.69
[illegible]5	[illegible].[illegible]0[illegible]0[illegible].	[illegible].[illegible]3[illegible]36.	[illegible].[illegible]2[illegible]94.	.[illegible]63.	[illegible].[illegible]2[illegible]65.	.[illegible]35.	[illegible].[illegible]4[illegible]34.	[illegible].[illegible]2[illegible]33.	[illegible].[illegible]1[illegible]6[illegible]a.	[illegible].[illegible]1[illegible]8[illegible].	[illegible].[illegible]2[illegible]77.	.[illegible]8[illegible]5.	27.[illegible]2
[illegible]	[illegible].[illegible]1[illegible]3	.[illegible]6[illegible]	[illegible].[illegible]6[illegible]51	[illegible].[illegible]4[illegible]11	[illegible].[illegible]1[illegible]49	[illegible].[illegible]2[illegible]68	[illegible].[illegible]3[illegible]60	[illegible].[illegible]5[illegible]33	.[illegible]15	.[illegible]14	.[illegible]80	[illegible].[illegible]1[illegible]09	[illegible]7.52
[illegible]4	[illegible]2.[illegible]5[illegible].	[illegible].[illegible]1[illegible]74.	[illegible].[illegible]9[illegible]99.	[illegible].[illegible]7[illegible]62.	[illegible].[illegible]1[illegible]o[illegible].	[illegible].[illegible]4[illegible]43.	[illegible].[illegible]2[illegible]72.	.[illegible]63.	[illegible].[illegible]1[illegible]73.	.[illegible]4[illegible]5.	[illegible].[illegible]2[illegible]1[illegible].	[illegible].[illegible]3[illegible]45.	[illegible]3.[illegible]61
[illegible]5	[illegible].47	[illegible].[illegible]4[illegible]52	[illegible].[illegible]2[illegible]33	[illegible].[illegible]4[illegible]75	[illegible].[illegible]1[illegible]23	[illegible].[illegible]1[illegible]72	[illegible].[illegible]2[illegible]26	[illegible].[illegible]1[illegible]92	[illegible].[illegible]5[illegible]27	[illegible].[illegible]3[illegible]93	[illegible].[illegible]1[illegible]35	[illegible].[illegible]1[illegible]39	34.37
[illegible]5	[illegible]2.[illegible]3	[illegible].[illegible]3[illegible]61	[illegible].[illegible]1[illegible]32	[illegible].[illegible]3[illegible]62	[illegible].[illegible]3[illegible]53	[illegible].[illegible]2[illegible]63	[illegible].[illegible]5[illegible]71	[illegible].[illegible]4[illegible]26	[illegible].[illegible]3[illegible]36	[illegible].[illegible]1[illegible]41	[illegible].[illegible]4[illegible]15	[illegible].[illegible]3[illegible]22	[illegible]3.[illegible]64
[illegible]5	.[illegible]9[illegible]	[illegible].[illegible]3[illegible]1[illegible]	[illegible].[illegible]4[illegible]43	[illegible].[illegible]5[illegible]16	[illegible].[illegible]7[illegible]43	[illegible].[illegible]2[illegible]22	[illegible].[illegible]2[illegible]41	.[illegible]21	[illegible].[illegible]2[illegible]03	[illegible].[illegible]2[illegible]2[illegible]	[illegible].[illegible]4[illegible]21	[illegible].[illegible]3[illegible]3[illegible]	[illegible]7.61
[illegible]5	1.[illegible]97	.[illegible]26	[illegible].[illegible]3[illegible]16	[illegible].[illegible]2[illegible]41	[illegible]2.[illegible]34	[illegible].[illegible]3[illegible]38	[illegible].[illegible]3[illegible]97	[illegible].[illegible]4[illegible]42	[illegible].[illegible]4[illegible]53	[illegible].[illegible]1[illegible]17	[illegible].[illegible]4[illegible]99	[illegible].[illegible]3[illegible]67	[illegible]5.[illegible]54
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 66 0-88-5 (OLA)

...L CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MA...

EXTREME VALUES

MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

74-73 STATION ...1541-24[illegible]N AFB 34 STATION NAME 33-35 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	7.+	1.26	2.30	3.59	3.61	9.27	6.19	2.97	1.94	1.78	3.35	2.45	42.21
[illegible]	1.11	1.05	3.21*	6.55	3.41	5.24	3.44	1.78	2.61	2.90	2.31	2.77	*37.15
[illegible]	1.94	4.61	2.24	1.12	4.25	4.13	3.90	1.05	4.37	2.44	2.44	5.60	38.33
[illegible]	1.05	1.27	3.02	5.65	4.55	2.26	1.30	3.35	4.75	2.52	5.57	3.14	40.11
	1.50	1.43	5.58	3.99	2.95	7.01	7.44	2.53	1.25	3.79	4.98	2.63	46.48
[illegible]	2.98	2.41	3.21	3.55	3.55	4.87	.58	10.18	5.36	1.19	3.75	3.30	44.53
[illegible]	3.12	4.50	4.57	5.38	2.11	3.35	7.32	5.15	4.03	3.11	2.20	3.44	49.19
[illegible]6	3.24	2.31	3.04	1.98	2.82	7.46	3.55	3.05	2.35	1.87	.87	.85	33.91
[illegible]7	1.54	1.57	3.53	3.57	1.83	1.71	3.47	3.45	3.13	5.73	2.60	4.13	35.14
7[illegible]	1.35	.50	2.55	4.05	3.44	3.22	4.10	5.91	.43	3.24	1.95	4.93	41.77
7	3.54	3.10	1.59	4.37	3.21	6.18	7.59	8.82	5.11	1.52	4.15	2.17	52.43
[illegible]	2.21	1.76	3.93	2.54	5.27	10.93	4.55	5.81	1.47	2.91	1.59	1.23	45.31
[illegible]	.1	2.92	.97	6.02	7.33	6.08	6.82	4.22	2.82	2.43	1.72	3.33	44.85
[illegible]	5.35	1.54	4.34	1.57	5.17	4.02	2.19	5.17	1.23	1.23	4.67	3.56	42.81
	1.9	.79	1.89	5.40	5.22	3.33	3.04	2.25	.97	5.04	4.29	2.50	38.62
[illegible]	1.02	2.64	3.63	5.22	4.25	2.77	2.44	3.28	3.42	3.15	4.48	4.15	40.39
[illegible]	1.14	1.93	5.10	1.35	4.45								
MEAN	2.213	2.42	3.328	3.632	3.743	4.497	3.437	3.455	2.633	2.281	3.335	2.747	39.515
S D	2.14	1.252	1.848	1.655	2.029	2.425	1.975	2.205	1.538	1.337	1.448	1.171	5.241
TOTAL OBS	142	139	1457	1429	1457	1397	1425	1425	1397	1425	1397	1425	16973

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 64 0-88-5 (OLA)

2 [illegible] CLIMATOLOGY BRANCH
[illegible]AC
[illegible] TIER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
[illegible]
(FROM DAILY OBSERVATIONS)

[illegible] STATION [illegible]GHT-PATTERSON AFB OH STATION NAME 46-65 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 1 00	1 01 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	[illegible].1	26.3	7.7	7.7	1.9	1.5	.7	.5	.2					[illegible].5	1240	[illegible].2	34.1	TRACE
FEB	[illegible].1	4.2	[illegible].7	5.1	2.2	.9	.9	.4	.2					16.4	1130	5.2	16.3	TRACE
MAR	1.2	16.9	4.3	3.9	1.7	.2	.4	.7	.2					11.9	1240	4.5	15.9	TRACE
APR	1.3	6.[illegible]	1.3	.3	.2	.2								[illegible].2	1200	.5	6.1	.3
MAY	[illegible].9	.1													1240	TRACE	TRACE	.3
JUN	[illegible].3														1170	.2	.3	.3
JUL	[illegible].3														1204	.2	.3	.3
AUG	[illegible].3														1204	.2	.3	.3
SEP	9.9	.1													1170	TRACE	TRACE	.3
OCT	8.4	1.4		.2										.2	1239	.1	1.0	.3
NOV	[illegible].2	14.3	2.8	1.7	.9		.3	.3	.3					5.2	1170	2.6	17.3	.3
DEC	1.3	24.5	5.5	4.5	1.7	.5	.5	.6		.1				13.5	1239	5.2	18.5	TRACE
ANNUAL	4.3	9.5	2.5	2.3	.7	.3	.2	.2	.1	.3				5.1	14396	25.3		

1210 WS FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

7[illegible] STATION — [illegible]GHT-PATTERSON AFB OH STATION NAME — 46-[illegible] YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
4	.[illegible]	.5	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	4.5	4.5
4 *	.[illegible]	1.7	3.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.1 *	3.4
[illegible]	5.0	10.4	2.5	.0	.0	.0	.0	.0	.0	.0	TRACE	3.5	10.4
[illegible] *	3.[illegible]	.2	1.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE *	3.5
[illegible]	TRACE	1.9	.2	TRACE	.0	.0	.0	.0	.0	.0	[illegible].4	3.1	[illegible].4
[illegible] *	4.4	5.2	5.5	TRACE	.0	.0	.0	.0	.0	1.0	.4	5.[illegible] *	3.2
[illegible]	3.[illegible]	1.4	.5	TRACE	.0	.0	.0	.0	.0	TRACE	3.5	2.0	3.5
[illegible] *	1.[illegible]	TRACE	2.4	2.8	.0	.0	.0	.0	.0	.0	1.7	5.2 *	5.2
4	2.0	2.9	1.4	TRACE	.0	.0	.0	.0	.0	TRACE	1.3	1.[illegible]	2.9
5 *	.9	1.5	2.1	.0	.0	.0	.0	.0	.0	.0	5.0	2.0 *	5.0
5	3.[illegible]	.2	3.8	TRACE	.0	.0	.0	.0	.0	.0	1.0	.5	3.[illegible]
5 *	2.[illegible]	1.4	TRACE	2.1	.0	.0	.0	.0	.0	1.0	.5	4.5 *	4.5
5	.7	4.2	4.5	.1	.0	.0	.0	.0	.0	.0	7.0	13.9	13.9
[illegible] *	5.[illegible]	.6	7.3	.3	.0	.0	.0	.0	.0	.0	4.3	3.2 *	7.3
[illegible]	.7	2.3	5.5	TRACE	.0	.0	.0	.0	.0	.0	1.5	5.3	5.3
[illegible] *	3.2	1.9	.7	.3	.0	.0	.0	.0	.0	.0	.4	3.7 *	3.7
[illegible] *	3.[illegible]	4.5	1.9	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	1.2	4.5
[illegible] *	1.1	2.[illegible]	4.5	TRACE	.0	.0	.0	.0	.0	.0	.5	2.9 *	4.5
[illegible]	9.0	4.2	.3	TRACE	.0	.0	.0	.0	.0	.0	.5	.5	9.0
5 *	5.4	2.3	1.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.9 *	5.4
[illegible]	4.[illegible]	4.8	1.3	.3	TRACE	.0	.0	.0	.0	.0	4.4	2.3	4.8
5 *	1.7	5.0	4.5	.0	.0	.0	.0	.0	.0	TRACE	5.2	2.5 *	5.2
5	2.[illegible]	1.5	6.9	TRACE	.0	.0	.0	.0	.0	.0	.3	2.3	3.9
5 *	1.[illegible]	1.8	1.3	TRACE	.0	.0	.0	.0	.0	.0	.3	3.2 *	3.2
[illegible]	2.[illegible]	1.0	2.3	TRACE	.0	.0	.0	.0	.0	.0	2.0	.5	2.5
[illegible] *	1.[illegible]	3.9	5.9	TRACE	.0	.0	.0	.0	.0	.0	1.5	.3 *	5.9
[illegible]	1.2	3.9	1.5	1.2	.0	.0	.0	.0	.0	TRACE	.7	3.5	3.9
[illegible] *	.7	2.7	1.7	2.5	.0	.0	.0	.0	.0	.0	TRACE	3.5 *	3.5
4	.2	3.0	2.0	2.0	.0	.0	.0	.0	.0	TRACE	5.5	2.3	3.5
[illegible]5 *	4.[illegible]	1.7	4.7	.1	.0	.0	.0	.0	.0	.0	1.2	1.0 *	4.7
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

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

EXTREME VALUES

[illegible] AND FALL

FROM DAILY OBSERVATIONS

[illegible] STATION [illegible] STATION NAME [illegible] YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	5.[illegible]	.1	.6	.0	.0	.0	.0	.0	.0	.0	2.3	1.[illegible]	5.0
[illegible]7	3.[illegible]	4.3	.7	.1	.1	.0	.0	.0	.1	TRACE	2.1	2.4[illegible]	4.3
7[illegible]	7.[illegible]	2.7	2.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.7	7.0
7[illegible]	5.8	5.2	.2	.3	.1	.1	.0	.1	.1	.1	TRACE	TRACE	5.3
[illegible]	2.[illegible]	4.2	1.5	TRACE	.0	.0	.0	.0	.0	TRACE	5.0	1.9	5.0
[illegible]	1.7	1.1	1.2	.0	.1	.1	.0	.0	.0	TRACE	TRACE	5.7[illegible]	5.7
[illegible]	4.4	2.5	1.8	2.5	.[illegible]	.0	.0	.0	.[illegible]	.0	TRACE	.[illegible]	4.4
[illegible]	.7	1.1	.7	TRACE	.1	.1	.0	.1	.1	.1	TRACE	1.4[illegible]	1.4
[illegible]	2.9	4.9	5.4	TRACE	.[illegible]	.0	.0	.0	TRACE	.0	1.0	4.0	5.4
[illegible]	3.7	3.1	TRACE	TRACE	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	3.11	2.78	2.48	.37	TRACE	.03	.03	.03	TRACE	.05	1.67	2.73	5.68
S D	2.294	2.151	2.132	.804	.111	.111	.111	.111	.111	.223	2.483	2.496	2.431
TOTAL OBS	1241	1131	1241	1203	1241	1173	1213	1213	1173	1213	1171	1239	14395

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

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

EXTREME VALUES

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

~~745[illegible]~~ STATION ~~...2134T-PATTERSON AFB OH~~ STATION NAME ~~46-75~~ YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
4	1.1	.9	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	9.3	11.4
	1.2	6.5	5.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	7.3	19.8
4	16.1	16.3	2.5	.0	.0	.0	.0	.0	.0	.0	TRACE	5.3	40.9
4	5.2	.2	2.9	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.4
	TRACE	3.9	.2	TRACE	.0	.0	.0	.0	.0	.0	17.3	10.0	31.4
4	11.3	2.5	7.8	TRACE	.0	.0	.0	.0	.0	1.0	.4	3.8	37.8
	3.	3.6	1.0	TRACE	.0	.0	.0	.0	.0	TRACE	3.7	4.5	15.8
4	3.2	TRACE	4.7	2.8	.0	.0	.0	.0	.0	.0	1.8	5.0	13.1
4	4.1	6.6	2.6	TRACE	.0	.0	.0	.0	.0	TRACE	1.6	4.1	18.6
5	3.7	3.6	4.8	.2	.0	.0	.0	.0	.0	.0	10.5	4.2	26.8
5	15.3	.2	5.7	TRACE	.0	.0	.0	.0	.0	.0	2.0	1.0	24.2
5	7.9	2.4	TRACE	2.2	.0	.0	.0	.0	.0	1.0	.5	5.7	23.7
5	7.2	6.9	8.	.1	.0	.0	.0	.0	.0	.0	7.0	13.6	48.7
	15.2	1.6	15.9	.3	.0	.0	.0	.0	.0	.0	4.6	5.1	44.3
	1.	7.9	14.9	TRACE	.0	.0	.0	.0	.0	.0	2.0	15.6	42.1
	5.0	5.8	.7	.3	.0	.0	.0	.0	.0	.0	.4	5.3	22.3
	4.7	1.9	5.2	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	2.7	23.5
	3.4	6.1	5.1	TRACE	.0	.0	.0	.0	.0	.0	.8	7.4	22.8
4	15.1	15.5	.9	TRACE	.0	.0	.0	.0	.0	.0	1.2	1.9	36.1
	13.2	5.2	4.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.4	24.5
	5.4	7.2	2.0	.7	TRACE	.0	.0	.0	.0	.0	9.2	5.7	31.2
5	4.5	14.1	7.0	.0	.0	.0	.0	.0	.0	TRACE	6.2	3.3	34.9
5	5.	1.6	12.9	TRACE	.0	.0	.0	.0	.0	.0	.5	3.5	24.4
5	2.4	1.5	1.4	TRACE	.0	.0	.0	.0	.0	.2	.5	7.4	13.5
	1.2	1.8	7.4	TRACE	.0	.0	.0	.0	.0	.0	3.5	.5	23.9
	5.2	9.1	11.8	TRACE	.0	.0	.0	.0	.0	.0	3.7	.5	30.1
	3.	7.1	1.8	1.4	.0	.0	.0	.0	.0	TRACE	.0	5.1	21.
	1.2	5.8	1.7	5.1	.0	.0	.0	.0	.0	.0	TRACE	9.5	23.2
4	2.4	4.5	2.7	2.2	.0	.0	.0	.0	.0	TRACE	.5	5.1	27.3
5	4.7	3.3	11.6	.1	.0	.0	.0	.0	.0	.0	1.4	3.5	26.2
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
S D	*	*	*	*	*	*	*	*	*	*	*	*	*
TOTAL OBS	*	*	*	*	*	*	*	*	*	*	*	*	*

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AS 64 0-88-5 (OLA)

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

EXTREME VALUES

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

[illegible] STATION [illegible] STATION NAME [illegible] YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	1[illegible]	.3	.5	.0	.0	.0	.0	.0	.0	.0	5.1	4.0	1[illegible].5
[illegible]7	1[illegible]	7.7	.7	.0	.0	.0	.0	.0	.0	TRACE	2.1	3.[illegible]	33.2
7[illegible]	34.1	5.0	7.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.9	47.0
7[illegible]	[illegible]	13.[illegible]	.4	.3	.0	.0	.0	.0	.0	.0	TRACE	TRACE	34.7
[illegible]	[illegible]	11.[illegible]	5.0	TRACE	.0	.0	.0	.0	.0	TRACE	5.0	3.3	29.5
[illegible]	2.[illegible]	1.0	2.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	11.2	15.9
[illegible]	12.[illegible]	4.1	3.3	4.2	.0	.0	.0	.0	.0	.0	TRACE	.2	24.6
[illegible]	2.[illegible]	2.5	1.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.5	9.4
[illegible]	5.6	11.7	12.5	TRACE	.0	.0	.0	.0	TRACE	.0	1.0	4.0	35.9
[illegible]	10.2	9.1	TRACE	TRACE	.0								
MEAN	7.88	5.56	4.61	.53	TRACE	.00	.00	.00	TRACE	.0[illegible]	2.63	5.14*	25.72
S D	5.387	4.418	4.398	1.262	.000	.000	.000	.000	.000	.223	3.7[illegible]	4.[illegible]	12.137
TOTAL OBS	124[illegible]	1130	1240	1200	1240	1170	1200	1200	1170	1200	1170	1200	143[illegible]5

NOTE * (BASED ON LESS THAN FULL MONTHS)

2 [illegible] CLIMATOLOGY [illegible]
[illegible] STATES
[illegible] BY [illegible]

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
[illegible] DEPTH
(FROM DAILY OBSERVATIONS)

[illegible] WRIGHT PATTERSON AFB OH [illegible]
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	1.1	1.2	8.2	8.1	6.3	5.2	7.1	.9						[illegible]	1430			
FEB	1.7	13.6	6.8	5.3	4.2	5.6	2.6	.2						[illegible]	1327			
MAR	3.2	2.8	7.1	4.3	1.3	1.4	.6							9.2	1452			
APR	4.6	1.2	.1	.1	.1									.2	1476			
MAY	10.1														1448			
JUN	.1														1411			
JUL	0.1														1457			
AUG	0.1														1457			
SEP	0.1														1449			
OCT	9.9	.1													1457			
NOV	1.1	4.3	1.1	.4	.2	.4	.2	.2						2.2	1434			
DEC	.1	10.1	5.2	4.3	3.1	4.2	.7							[illegible]	1444			
ANNUAL	3.1	4.4	2.4	1.5	1.4	1.4	.5	.1						7.5	17213			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

14927 STATION — WRIGHT-PATTERSON AFB OH STATION NAME — 38-85 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1			1*	0*	0	0	0	0	0*	0	0*	0*	
2			TRACE		0	0	0	0	0	0	0	4	4
3			0	TRACE	0	0	0	0	0	0	0	0	4
4			TRACE		0	0	0	0	0	0	TRACE	TRACE	T
5			1	3*	0	0	0	0	0	0	1	0	5
6		1	1	2	0	0	0	0	0	0	TRACE*	0	2
7		0	3	2*	0	0	0	0	0	0		0	5
8		4	4	0	0	0	0	0	0	0	TRACE	12	12
9		1	TRACE	TRACE	TRACE	0	0	0	0	0	0	0	5
10		0	3	3	0	0	0	0	0	0	TRACE	0	3
11		6	9	2	0	0	0	0	0	0	0	0	9
12		2	1	1	0	0	0	0	0	0	0	0	2
13	TRACE		2	TRACE	0	0	0	0	0	0	15	0	15
14		6	12	2	TRACE	0	0	0	0	0	TRACE	2	12
15		5	5	1	0	0	0	0	0	0	3	4	4
16		2	TRACE	3	TRACE	0	0	0	0	0	1	1	3
17		2	1	3	TRACE	0	0	0	0	0	1	1	3
18		4	2	1	0	0	0	0	0	0	4	0	4
19		9	TRACE	4	TRACE	0	0	0	0	0	TRACE	1	9
20		1	1	1	TRACE	0	0	0	0	0	TRACE	4	4
21		2	4	5	0	0	0	0	0	0	7	5	7
22		4	1	5	0	0	0	0	0	0	1	2	5
23	TRACE	2	2	7	TRACE	0	0	0	0	0	1	7	7
24		4	4	TRACE	TRACE	0	0	0	0	0	TRACE	0	4
25		1	5	4	0	0	0	0	0	TRACE	0	1	5
26		3	4	5	0	0	0	0	0	0	0	0	5
27	1	1	3	0	0	0	0	0	0	0	0	1	3
28		3	3	1	0	0	0	0	0	0	0	1	3
29		1	3	1	0	0	0	0	0	0	0	0	3
30		2	5	6	0	0	0	0	0	0	1	2	6
31													
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

USAF CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

[redacted] STATION [redacted] STATION NAME [redacted] YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[redacted]			11	1	0	0	0	0	0	0	0	1	11
[redacted]	1	1	1	0	0	0	0	0	0	0	TRACE	[redacted]	5
[redacted]	1	1	2	0	0	0	0	0	0	0	1	1	5
[redacted]	1	5	2	1	0	0	0	0	0	0	1	TRACE	5
[redacted]	2	4	1	TRACE	0	0	0	0	0	0	TRACE	0	4
[redacted]	1	1	2	1	0	0	0	0	0	0	0	1	5
[redacted]	4	3	3	TRACE	0	0	0	0	0	0	3	2	4
[redacted]	1	1	3	0	0	0	0	0	0	0	TRACE	1	3
[redacted]	3	1	TRACE	0	0	0	0	0	0	0	1	1	3
[redacted]	11	11	1	0	0	0	0	0	0	0	2	4	11
[redacted]	15	17	7	0	0	0	0	0	0	0	0	TRACE	17
[redacted]	5	10	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	10
[redacted]	4	4	3	0	0	0	0	0	0	0	5	0	5
[redacted]	1	1	1	0	0	0	0	0	0	0	TRACE	0	5
[redacted]	5	5	2	3	0	0	0	0	0	0	0	0	5
[redacted]	2	2	TRACE	0	0	0	0	0	0	0	0	2	2
[redacted]	3	9	9	3	0	0	0	0	0	0	0	4	9
[redacted]	4	7	1	0	0								
MEAN	4.1	3.7	2.4	.1	.0	.0	.0	.0	.0	TRACE	.2	3.1	5.5
S D	3.41	3.662	2.551	.532	.071	.000	.000	.000	.000	.000	2.312	2.333	3.544
TOTAL OBS	1434	1327	1432	1436	1433	1413	1457	1457	1412	1457	1424	1444	17213

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 66 0-88-5 (OLA)

U S AIR FORCE
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APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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

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

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

(4-7) WRIGHT-PATTERSON AFB OH 46-65
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
4	-	*47	70	54	56	59	49	38	33	41	53	52	56
4	55	50	60	76	58	54	*56	47	*34	41	53	45	76
4	*54	44	53	76	48	52	56	45	38	28	56	59	47
4	*54	54	62	42	57	43	43	43	48	54	39	43	54
-	*44	56	55	50	39	65	65	29	42	42	56	42	65
4	*44	56	55	42	62	52	43	49	45	46	58	58	62
-	*54	54	56	46	45	31	47	52	45	47	49	37	65
4	*44	42	49	51	57	58	37	48	*29	33	38	52	58
-	*54	41	56	58	*42	44	52	54	50	57	42	39	58
5	*44	20	30	70	46	51	*31	36	*36	47	44	49	70
5	44	33	51	47	43	41	*41	*38	*37	50	50	43	65
5	*54	31	36	42	37	35	31	28	33	*25	43	54	43
5	*54	34	33	27	52	*33	46	47	42	*31	*32	34	*24
5	*54	45	35	42	30	30	*33	39	26	*33	30	*22	53
5	*54	36	36	78	43	42	33	34	38	24	29	33	27
5	*54	34	43	39	41	33	31	26	26	36	*13	*32	*22
5	55	44	*36	36	38	44	30	32	25	22	33	35	25
5	*54	27	43	42	46	*33	*26	*33	*34	29	*26	*33	*34
-	*44	*41	26	*42	*38	*31	*44	*27	*37	*30	*34	*42	*27
5	*	*30	*32	*36	*41	*41	*41	*34	46	35	*50	*49	*39
5	*44	*34	*32	*38	*42	*32	37	44	52	35	30	39	25
5	*54	34	56	*39	41	43	25	32	29	25	41	32	33
6	*44	34	35	34	35	35	36	29	32	22	32	45	45
6	29	32	34	51	43	51	46	39	36	29	31	41	32
	27	34	41	48	57	57	36	50	31	53	34	42	53
1	29	57	52	46	35	49	35	33	26	29	27	31	35
-	29	44	41	45	48	32	29	44	41	27	28	31	34
-	29	41	38	41	41	35	45	33	45	30	35	40	44
4	21	54	48	43	45	49	48	36	36	44	33	36	31
-	29	51	47	51	49	29	42	38	29	46	35	43	36
MEAN													
S D													
TOTAL OBS													

NOTES - (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 60 0-88-5 (OLA)

& (BASED ON LESS THAN FULL MONTHS AND *100 KNOTS)

USAF CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

[redacted] STATION [redacted] STATION NAME [redacted] YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[redacted]	25/ 43	21/ 36	26/ 42	23/ 31	23/ 37	24/ 38	26/ 56	32/ 31	35/ 32	26/ 34	22/ 33	29/ 38	25/ 54
[redacted]	25/ 46	3/ 42	27/ 41	27/ 42	34/ 23	30/ 45	23/ 45	1a/ 27	22/ 42	30/ 28	26/ 33	26/ 40	25/ 46
7	27/ [redacted]	/ 27	24/ 33	27/ 35	21/ 31	30/ 41	33/ 42	24* 38	20/ 35	31/ 32	19/ 42	21/ 41	27/ 58
7	25/ 35	3/ 36	23/ 43	3_/ 42	35/ 34	26/ 41	6e 17	22* 1a	35* 25	25/ 40	21/ 39	27/ 44	27/ 44
	30/ 43	36/ 43	21/ 40	24/ 46	27/ 49	33/ 45	31/ 46	32/ 35	1/ 44	28/ 33	26/ 34	36/ 36	27/ 49
[redacted]	25/ 24	26/ 32	26/ 36	26/ 37	23/ 28	2_/ 28	27/ 41	6/ 22	24/ 26	26/ 35	24/ 33	21/ 32	27/ 41
	24/ 51	27/ 28	2_/ 36	26/ 45	34/ 42	5/ 33	21/ 34	2/ 21	1e/ 22	20/ 24	20/ 32	23/ 40	24/ 51
[redacted]	27/ 35	26/ 24	24/ 38	21/ 34	28/ 41	29/ 23	27/ 37	21/ 23	28/ 23	26/ 36	21/ 40	29/ 40	28/ 40
	32/ 27	21/ 34	23/ 42	22/ 46	28/ 29	24/ 33	30/ 25	34/ 70	23/ 26	24/ 24	25/ 33	27/ 36	34/ 70
[redacted]	25/ 37	28/ 31	22/ 49	27/ 43	25/ 33.								
MEAN	42.1	41.3	45.2	44.5	42.2	39.2	39.2	37.2	34.1	35.1	4_.3	41.1	55.4
S D	13.3	12.6	11.2	7.5	10.3	9.2	7.9	11.7	10.2	7.7	8.3	7.3	10.6
TOTAL OBS	1128	1127	1207	1198	1192	1121	1142	1139	1118	1151	1118	1152	14795

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-3 (OLA)

E (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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	1.8	1.9	2.2	.5								6.5	6.0
NNE	1.2	.5	1.1	.3	.1							3.2	6.5
NE	.9	.6	1.0	.1								2.6	5.7
ENE	.8	.4	.4									1.6	4.6
E	.8	1.7	.8									3.2	5.2
ESE	.6	.9										1.5	3.8
SE	.1	.9	.4	.3								1.7	7.3
SSE	1.0	.3	.8	.2								2.3	5.6
S	.6	1.3	1.9	1.1								4.9	7.7
SSW	1.3	1.6	1.7	1.7	.3							6.7	8.0
SW	1.5	1.4	1.3	.8		.2						5.2	7.3
WSW	.5	3.1	5.8	2.8	.6							12.9	9.1
W	1.3	2.9	4.2	2.7	1.9	.5	.1					13.7	10.3
WNW	1.2	1.7	2.6	2.4	.6							8.5	9.1
NW	.5	2.0	1.5	.5	.2							4.8	7.2
NNW	.5	2.0	1.3	.5								4.4	6.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.3	//////
TOTALS	14.6	23.4	26.9	14.0	3.9	.8	.1					100.0	6.6

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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	1.0	2.9	2.4	.1								6.3	5.9
NNE	1.0	1.1	.5	.5								3.1	5.8
NE	.9	.9	.5	.2								2.5	5.5
ENE	.4	.5	1.0		.1							2.0	6.9
E	1.1	1.2	.5	.1								2.9	4.6
ESE	.5	1.0	.2									1.7	4.8
SE	.5	.5	.2	.1								1.4	4.7
SSE	1.2	1.0	.5	.1								2.8	4.8
S	1.0	1.4	1.8	1.2	.1							5.5	7.6
SSW	1.0	1.6	2.4	.4	.1							5.5	7.0
SW	1.2	1.0	2.0	1.2	.4	.2						6.0	8.9
WSW	1.4	2.7	4.8	1.9	.2	.1						11.2	8.1
W	1.5	2.4	5.3	4.5	1.7	.3		.3				16.0	10.8
WNW	1.0	1.4	2.4	1.1	.3	.1						6.2	8.7
NW	1.2	1.7	1.2	.3								4.4	5.7
NNW	1.2	1.4	1.7	.6								4.9	6.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	17.4	//////
TOTALS	15.9	22.6	27.5	12.5	3.0	.8		.3				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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: JAN 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	1.4	1.9	1.3	.4								5.1	5.7
NNE	.6	1.4	.9	.3								3.2	5.1
NE	.6	.4	.8	.4								2.3	6.9
ENE	.6	.6	.9	.4	.1							2.7	6.9
E	.4	1.4	.5									2.4	5.2
ESE	.6	.5	.4	.3								1.9	5.9
SE	1.3	1.1	.3									2.7	3.8
SSE	1.2	1.7	.5									3.4	4.6
S	.6	2.5	1.0	.3	.2							4.6	6.3
SSW	1.0	1.1	1.8	.9	.1							4.8	7.5
SW	1.2	1.5	1.8	1.9	.5							7.0	8.8
WSW	1.1	3.9	3.5	1.7	.2	.1		.1				10.6	9.1
W	1.5	2.5	5.3	4.2	1.4	.4		.2				15.5	10.4
WNW	.6	1.7	3.0	1.9	.3	.1						7.7	8.9
NW	1.5	1.1	1.5	.3	.1							4.5	6.1
NNW	.9	1.5	1.6	.4								4.4	6.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	17.1	//////
TOTALS	15.3	24.8	25.2	13.7	3.0	.6		.3				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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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 55	TOTAL %	MEAN WIND
N	1.1	2.0	2.3	.6								6.0	6.6
NNE	.5	1.8	.8	.4								3.5	6.5
NE	.6	1.2	.9	.5								3.2	6.7
ENE	.6	.8	.5	.1	.1							2.2	5.9
E	1.0	1.6	.9	.2								3.7	5.5
ESE	1.0	.8	1.0									2.7	5.2
SE	.8	.8	.5									2.0	4.7
SSE	1.0	1.3	.8	.5								3.5	6.0
S	1.1	2.3	1.1	.5	.1							5.1	6.1
SSW	1.4	1.9	2.5	2.0	.1	.2						8.2	8.1
SW	1.1	1.5	1.9	1.4								5.9	7.6
WSW	.6	2.4	2.4	3.8	.6	.1	.1	.3				10.3	11.0
W	1.2	2.8	6.9	4.9	2.0	.6						18.5	10.6
WNW	.3	1.6	2.3	2.0	.2	.1						6.6	9.5
NW	.6	1.4	1.6	.9	.2							4.7	8.1
NNW	1.3	1.2	1.3	.6	.2							4.6	6.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	9.2	//////
TOTALS	14.2	25.3	27.4	18.7	3.7	1.1	.1	.3				100.0	7.5

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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	1.0	2.4	2.5	1.0								6.8	6.8
NNE	.6	.5	.8	.8								2.7	7.4
NE	.4	.6	.8	.2								2.0	6.7
ENE	.2	.6	.6	.3								1.8	7.5
E	1.0	1.6	.9	.4								3.9	5.7
ESE	.8	1.0	.8									2.5	5.1
SE	.5	1.5	1.1	.1								3.2	5.9
SSE	.4	1.1	1.2	.4								3.1	7.0
S	.9	1.3	3.0	1.1								6.2	7.5
SSW	1.0	1.3	2.2	.9	.3	.2						5.8	9.0
SW	.6	1.8	1.8	2.6	.9			.1				7.8	10.3
WSW	.5	2.7	2.9	3.1	1.1	.4	.4					11.2	11.4
W	.5	2.7	5.4	8.1	2.5	.6	.1					19.9	12.0
WNW	.3	1.4	2.7	2.8	.6	.1						9.0	10.7
NW	.1	1.3	3.2	1.7	.2							6.6	9.2
NNW	.8	2.2	1.8	.4								5.2	6.5
VARIABLE													
CALM	//////////											3.3	//////
TOTALS	9.7	24.0	31.5	23.9	5.6	1.4	.5	.1				100.0	8.9

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: 745700   STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	1.0	3.3	2.8	.5								7.6	6.5
NNE	.4	.6	.9	.5								2.5	8.0
NE	.6	.8	1.0									2.4	5.5
ENE	.8	1.0	.2	.4								2.4	6.0
E	1.1	1.5	1.2	.1								3.9	5.5
ESE	.4	.9	1.1	.2								2.6	6.4
SE	.5	.5	1.4	.2								2.7	6.6
SSE	.4	.6	1.2	.2								2.5	7.0
S	.5	1.7	3.8	1.3								7.3	8.2
SSW	.3	1.7	1.8	.6	.2							4.7	8.3
SW	.6	1.0	1.8	1.8	.3	.2						5.8	9.9
WSW	.3	2.9	2.8	2.6	.6	.6	.4					10.3	11.0
W	.9	2.5	5.8	7.6	2.9	.4	.1					20.2	11.7
WNW	.2	1.1	3.1	3.4	1.3	.2						9.4	11.6
NW	.1	1.4	3.4	1.7	.1							6.8	9.1
NNW	.9	1.4	2.6	.9								5.7	7.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.3	//////
TOTALS	9.1	22.9	34.8	22.3	5.5	1.5	.5					100.0	8.9

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1800-2300

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	2.7	2.3	2.0	.3								7.3	5.2
NNE	1.0	1.6	.6	.3								3.5	5.7
NE	.6	.6	1.2	.3								2.8	6.4
ENE	.2	1.0	.3	.1								1.6	5.5
E	1.1	1.0	.4									2.5	4.4
ESE	1.4	1.8	.5	.1								3.9	4.6
SE	.2	.4	1.1	.2								1.9	6.9
SSE	.5	1.4	1.1	.4								3.4	5.6
S	.5	2.7	1.5	1.1								5.8	6.9
SSW	.8	1.9	1.6	.5	.1							4.9	6.9
SW	.6	1.3	1.2	1.4		.2						4.7	8.7
WSW	1.8	1.7	1.4	1.7	1.0	.6	.5					8.8	11.0
W	.5	3.5	6.2	4.9	1.2	.4	.1					17.0	10.3
WNW	.9	2.6	2.5	2.6	.9	.3						9.7	9.9
NW	.6	2.4	1.7	1.1								5.8	7.4
NNW	1.0	1.4	2.0	.8								5.2	7.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.1	//////
TOTALS	14.5	27.6	25.5	15.9	3.1	1.6	.6					100.0	7.1

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	1.4	2.0	1.5	.3								5.3	5.6
NNE	1.0	1.4	.8	.8								3.9	6.9
NE	1.1	.9	.4	.4								2.8	5.8
ENE	.9	.6	.6	.1								2.3	5.1
E	.5	1.0	.6									2.2	5.5
ESE		1.1	.1	.1								1.3	5.7
SE	1.2	.5	1.2									2.9	5.5
SSE	.5	1.2	1.1	.2								3.0	6.1
S	1.2	2.7	1.2	1.0	.2							6.2	7.1
SSW	1.2	1.6	1.3	.4	.1							4.6	6.4
SW	1.3	1.2	2.0	1.9	.1	.1						6.7	8.3
WSW	.9	1.3	2.4	1.9	.6	.2						7.3	9.9
W	2.0	2.9	5.4	3.4	1.6	.8	.2					16.3	10.0
WNW	1.2	1.4	2.4	2.9	.4	.2						8.5	9.5
NW	.4	2.0	1.5	1.2	.6							5.8	8.8
NNW	1.0	2.2	1.9	.1								5.2	6.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	15.8	//////
TOTALS	15.7	24.0	24.4	14.8	3.8	1.3	.2					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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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	1.4	2.4	2.1	.5								6.4	6.1
NNE	.8	1.1	.8	.5	.0							3.2	6.5
NE	.7	.8	.8	.3								2.6	6.2
ENE	.6	.7	.6	.2	.0							2.1	6.1
E	.9	1.4	.7	.1								3.1	5.2
ESE	.7	1.0	.5	.1								2.3	5.2
SE	.6	.8	.8	.1								2.3	5.7
SSE	.8	1.1	.9	.3								3.0	6.0
S	.8	2.0	1.9	.9	.1							5.7	7.2
SSW	1.0	1.6	1.9	.9	.2	.1						5.7	7.7
SW	1.0	1.3	1.7	1.6	.3	.1		.0				6.1	9.8
WSW	.9	2.6	3.3	2.4	.6	.3	.2	.1				10.3	9.9
W	1.2	2.8	5.6	5.1	1.9	.5	.1	.1				17.1	10.8
WNW	.7	1.6	2.6	2.4	.6	.1						8.1	9.8
NW	.6	1.7	2.0	1.0	.2							5.4	7.9
NNW	.9	1.7	1.8	.6	.0							4.9	6.7
VARIABLE													
CALM	//////////											11.7	//////
TOTALS	13.6	24.3	27.9	17.0	5.9	1.1	.3	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0300-0300

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	2.1	2.4	1.2	.1							6.9	7.2
NNE	1.5	.7	1.4	.2								3.9	5.5
NE	.6	1.2	.7	.8								3.3	7.1
ENE	.4	.7	.7	.2								2.0	6.4
E	.7	1.5	.1	.1								2.5	4.9
ESE	.6	.7	.4	.1								1.9	4.8
SE	1.1	.5	.1	.1								1.8	4.1
SSE	1.3	1.1	.6	.6								3.5	5.9
S	1.5	2.6	.8	.2								5.2	4.9
SSW	1.4	1.9	2.1	.6				.1				6.1	6.7
SW	.9	1.4	.9	1.4		.1						4.7	8.1
WSW	.8	1.5	2.6	1.4	.5							6.8	8.7
W	1.2	2.0	3.9	2.2	.2							9.5	8.4
WNW	.8	1.5	2.5	1.2								6.0	7.5
NW	.2	.8	2.0	.4								3.4	7.6
NNW	.8	.8	1.2	.6								3.4	6.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	29.1	//////
TOTALS	15.0	21.1	22.4	11.4	.8	.1		.1				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	GE 56	TOTAL %	MEAN WIND
N	.6	2.1	1.9	.7	.2							5.6	7.5
NNE	.9	.9	2.2	.4	.1							4.6	5.7
NE	.8	1.3	.4	.5	.1							3.1	6.5
ENE	.6	.6	.7									1.9	5.6
E	.9	1.4	.8	.2								3.4	5.7
ESE	1.1	.1	.7									1.9	4.7
SE	1.1	.2	.5									1.8	4.0
SSE	1.5	.6	.9	.6								3.7	5.1
S	1.1	1.7	1.1	.6								4.4	6.0
SSW	.8	3.0	2.0	1.2								7.0	6.7
SW	1.1	1.3	1.8	.5								4.6	6.5
WSW	1.1	2.0	1.8	1.5								6.4	7.6
W	1.2	2.1	3.7	1.8	.1							8.9	8.1
WNW	.7	1.1	1.8	.9								4.5	7.9
NW	.5	1.7	1.1	.5	.1							3.8	6.9
NNW	.8	2.2	1.4	.4								4.8	6.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.8	//////
TOTALS	14.8	22.3	22.7	9.7	.7							100.0	4.8

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	1.2	2.4	1.9	.4	.2							6.0	6.6
NNE	1.2	.7	2.0	.1	.2							4.2	5.6
NE	.4	1.3	.7	.1	.1							2.6	6.3
ENE	.7	1.2	.5	.4								2.7	5.9
E	1.2	.7	1.1	.5								3.4	5.4
ESE	.4	.6	.6	.2								1.8	5.3
SE	.8	.8	.1	.1								1.9	4.6
SSE	2.2	1.5	.5	.1								4.4	4.0
S	1.7	3.2	1.9									6.7	5.5
SSW	.7	1.9	2.7	.8	.1							6.2	7.8
SW	.6	.9	1.4	.8	.1							3.9	9.2
WSW	1.2	2.0	2.2	1.5	.5	.1						7.5	8.3
W	.7	2.6	1.7	1.8	.4							7.1	9.6
WNW	.9	1.1	1.8	.9								4.7	7.3
NW	.6	1.1	1.2	.5								3.3	6.7
NNW	.8	1.2	1.1	.5								3.5	6.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.0	//////
TOTALS	15.2	23.1	21.2	8.7	1.7	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 848

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	.9	2.6	3.3	.6	.5							7.9	7.7
NNE	.7	.8	1.5	.1	.1	.2						3.5	7.8
NE	.8	.7	.6	.1								2.2	5.3
ENE	.4	.8	1.3	.2	.1	.2						3.1	8.5
E	.7	1.6	1.1	.4								3.8	6.3
ESE	.6	.7	1.4	.1								2.8	6.1
SE	1.4	1.1	.6									3.1	4.1
SSE	1.8	1.5	.7	.2								4.2	4.8
S	1.1	2.5	1.9	1.4	.1	.1						7.1	7.5
SSW	1.2	2.5	4.0	1.3	.1							9.1	7.6
SW	.9	1.1	2.1	1.4	.7	.1						6.4	9.2
WSW	.6	1.6	2.6	1.8	.6	.1						7.3	9.5
W	.6	2.2	3.2	3.1	.8	.4						10.2	10.4
WNW	.6	.7	1.2	1.1	.4							3.9	9.0
NW	.2	1.3	1.2	.2	.2							3.2	7.9
NNW	.4	1.4	2.1	.6								4.5	7.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	17.8	//////
TOTALS	12.8	23.2	28.7	12.6	3.7	1.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	.6	1.6	3.4	1.2	.5							7.3	8.5
NNE	.4	.5	1.9	.1	.1							2.9	7.5
NE	.1	.9	.4	.1		.2						1.8	8.9
ENE	.5	1.2	.9	.5		.1						3.2	8.0
E	.6	.8	1.4	.1								2.9	6.3
ESE	.2	1.8	1.8									3.8	6.3
SE	.8	.6	.6	.2								2.2	5.6
SSE	1.2	2.2	.9	.2								4.6	5.5
S	.8	2.7	1.8	1.3		.1						6.7	7.3
SSW	1.4	1.8	3.4	3.1	.7							10.4	9.3
SW	1.1	2.7	2.0	3.4	.6	.2						10.0	9.6
WSW	.6	1.1	2.2	1.5	1.4	.2						7.1	11.2
W	1.4	1.8	4.5	4.2	1.4	.5						13.8	13.6
WNW	.5	1.6	1.4	1.6	.6	.1						5.9	9.5
NW	.6	.7	1.9	1.1	.1							4.4	8.6
NNW	1.1	2.1	2.7	.5								6.4	6.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.7	//////
TOTALS	11.8	24.1	31.2	19.2	5.4	1.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 849

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

STATION NUMBER: 745700   STATION NAME: WRIGHT-PATTERSON AFB OH   PERIOD OF RECORD: 76-85
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	1.1	2.7	4.2	1.6	.1							9.8	8.0
NNE		.6	2.0	.6	.1							3.3	8.8
NE	.4	.8	1.2	.2	.1							2.7	7.7
ENE	.6	1.3	.4	.6								2.8	6.7
E	.6	1.5	1.1	.2								3.4	5.9
ESE	1.1	2.1	1.4									4.6	5.4
SE	.6	1.3	1.1	.1								3.1	5.9
SSE	1.2	1.5	.7	.4								3.8	5.6
S	1.1	2.0	2.4	1.4								6.8	7.3
SSW	.8	1.8	2.8	2.6	.7							8.7	9.6
SW	.6	2.6	1.5	2.8	.8							8.4	10.1
WSW	.2	2.1	2.0	2.1	.4							6.8	9.4
W	.8	1.5	4.6	6.1	1.4							14.5	11.0
WNW	.1	1.1	1.9	3.3	.5							6.8	10.7
NW	.4	1.5	2.4	1.3								5.5	8.2
NNW	.9	2.8	1.5	.6	.1							6.0	6.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.9	//////
TOTALS	10.4	27.3	31.1	24.0	4.2							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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	1.4	3.5	2.5	.9	.5	.1						9.0	7.2
NNE	.8	1.1	1.5	.5								3.9	5.6
NE	1.2	1.4	1.5	.4								4.5	6.1
ENE	.8	.4	.5	.5								2.1	6.4
E	2.0	1.1	.7									3.8	4.2
ESE	1.3	1.2	.7									3.2	4.8
SE	.8	1.1	.4	.1								2.4	4.5
SSE	.9	2.2	.9	.1								4.2	5.3
S	.6	3.2	3.4	.7								7.9	7.4
SSW	1.5	2.6	1.6	1.2	.2							7.2	6.6
SW	1.6	1.3	1.8	1.3	.1							6.1	7.3
WSW	.9	.9	1.6	.2	.1							3.9	6.7
W	1.2	3.5	4.8	2.6	.8							13.0	8.6
WNW	1.3	1.2	2.8	2.0								7.3	8.1
NW	.9	.9	2.2	.5	.1							4.7	7.2
NNW	1.3	1.5	.9	.2								4.0	5.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	13.0	//////
TOTALS	18.7	27.1	28.0	11.2	1.9	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 2100-2300

	WIND SPEED IN KNOTS												
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	1.5	2.2	2.0	.7	.2	.2						6.9	7.5
NNE	1.8	1.2	1.5	.2								4.7	5.6
NE	.6	.9	1.4	.6	.1							3.7	7.6
ENE	.7	.8	.2	.4								2.1	5.7
E	.4	.9	.5									1.8	5.4
ESE	.9	.8	.6	.1								2.5	5.0
SE	.4	.5	.4									1.2	5.1
SSE	1.2	2.0	.2	.2								3.7	4.5
S	1.3	2.5	2.6	.9								7.3	6.7
SSW	1.3	2.1	.7	.8	.2							5.2	6.8
SW	1.1	.9	1.8	1.2		.2						5.2	8.3
WSW	1.1	1.8	1.1	.6	.2							4.7	6.8
W	.5	3.8	3.8	2.2	.4							10.6	8.5
WNW	1.6	1.5	2.0	.7								5.9	6.4
NW	.5	.8	1.4	.6								3.3	7.5
NNW	1.5	.8	1.8	.7								4.8	6.6
VARIABLE													
CALM	//											26.5	//////
TOTALS	16.3	23.7	21.9	10.0	1.2	.5						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	1.1	2.4	2.7	.9	.3	.0						7.4	7.6
NNE	.9	.8	1.8	.3	.1	.0						3.9	6.8
NE	.6	1.1	.9	.4	.1	.0						3.0	6.8
ENE	.6	.9	.6	.3	.0	.0						2.5	6.8
E	.9	1.2	.8	.2								3.1	5.7
ESE	.8	1.0	.9	.1								2.8	5.5
SE	.9	.8	.5	.1	.							2.2	4.8
SSE	1.4	1.6	.7	.3								4.0	5.2
S	1.1	2.5	2.0	.8	.0	.0						6.5	6.7
SSW	1.1	2.2	2.4	1.4	.3			.0				7.5	7.8
SW	1.0	1.5	1.7	1.6	.3	.1						6.2	8.7
WSW	.8	1.6	2.0	1.3	.5	.1						6.3	8.7
W	.9	2.4	3.8	3.0	.7	.1						10.9	9.4
WNW	.8	1.2	1.9	1.5	.2	.0						5.6	8.3
NW	.5	1.1	1.7	.6	.1							3.9	7.6
NNW	1.0	1.6	1.6	.5	.0							4.7	6.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	19.5	//////
TOTALS	14.4	24.0	25.9	13.4	2.4	.4		.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 6798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	1.4	1.7	.8	.5	.2							4.6	6.2
NNE	1.3	2.0	.9		.1							4.3	5.2
NE	1.3	1.9	1.0	.5								4.7	5.9
ENE	.8	1.2	1.4	.5								3.9	6.9
E	.8	2.3	1.6	.3								4.9	6.0
ESE	.9	1.0	.5	.1								2.5	4.7
SE	.6	.8	1.2	.2								2.8	6.1
SSE	1.3	1.0	.8	.8								3.8	6.1
S	.4	1.4	1.5	1.4	.2							4.9	8.7
SSW	1.1	1.4	1.9	.9	.2							5.5	7.6
SW	1.0	1.1	1.8	1.0	.3							5.2	7.9
WSW	1.0	.4	1.8	.8	.1							4.1	7.8
W	1.6	3.0	2.4	1.8	.4							9.2	7.6
WNW	1.0	1.8	1.9	1.4	.1	.2						6.5	8.2
NW	1.1	2.0	1.7	.8	.1							5.7	7.3
NNW	1.3	1.5	1.6	.4								4.8	6.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	22.6	//////
TOTALS	16.7	24.5	22.8	11.4	1.8	.2						100.0	5.4

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 55	TOTAL %	MEAN WIND
N	1.6	2.8	1.1	.8	.1							6.3	6.1
NNE	.9	2.2	.4									3.4	4.6
NE	1.6	.6	.9	1.1								4.2	6.5
ENE	.6	1.3	1.7	.3								4.0	6.6
E	.8	1.6	1.1	.1								3.5	5.7
ESE	.8	1.3	.5	.3								2.9	5.6
SE	1.0	1.4	.9									3.2	4.9
SSE	.8	.5	.6	.5								2.5	6.9
S	1.6	2.8	1.0	1.0								6.3	5.9
SSW	1.0	1.4	2.0	1.6		.1						6.1	8.4
SW	1.0	1.4	1.3	1.2		.1						4.9	7.7
WSW	1.3	.9	1.2	.6	.5							4.5	8.0
W	1.5	2.3	2.5	1.1	.2	.1						7.6	7.6
WNW	1.0	.8	2.9	1.6	.6	.1						7.0	9.2
NW	.8	1.6	.9	.3	.1							3.7	6.4
NNW	1.6	2.2	1.2	.4		.1						5.5	5.9
VARIABLE													
CALM	//////////											24.2	//////
TOTALS	17.6	24.9	20.1	11.0	1.6	.5						100.0	5.2

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: MAR 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	2.2	3.3	1.1	.4	.2							7.2	5.5
NNE	1.4	1.3	.6	.1								3.4	4.8
NE	1.2	1.5	1.2	.4	.4							4.7	7.0
ENE	.3	1.6	1.7	.2								3.9	6.8
E	.4	1.2	1.6	.3								3.5	6.8
ESE	.5	1.2	.3									2.0	5.0
SE	1.3	1.5	.6	.1								3.5	4.9
SSE	1.4	1.4	.8	.3								3.9	5.2
S	1.9	3.2	2.0	1.0	.1	.1						8.4	6.5
SSW	1.1	2.3	2.4	1.2								6.9	7.3
SW	1.7	.8	1.3	1.3	.1	.1						5.3	7.7
WSW	.9	.8	1.1	.9								3.5	7.5
W	1.2	1.5	2.3	1.9	.4							7.3	8.8
WNW	1.5	1.9	1.5	1.5	.2	.1						6.8	7.9
NW	.5	1.8	.8	.3								3.4	6.3
NNW	1.3	1.7	.6	.1	.1	.3						4.2	6.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	21.9	//////
TOTALS	18.8	27.0	19.9	10.1	1.6	.6						100.0	5.3

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: MAR 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	3.4	2.5	.9								7.7	6.7
NNE	.6	1.7	1.2	.1								3.7	5.9
NE	.6	1.1	1.0	.5	.2	.1						3.5	8.1
ENE	.6	.4	1.8	.4								3.3	7.1
E	1.1	2.0	2.9	1.3								7.3	7.2
ESE	.4	1.5	1.5	.4								3.9	6.9
SE	.5	1.6	.6	.6								3.4	6.7
SE	1.2	2.5	2.0	.6								6.3	5.5
S	1.1	2.3	2.8	1.4								7.5	7.5
SSW	1.2	1.7	2.2	2.4	.3							7.7	8.8
SW	.1	1.2	1.6	3.1	.8							6.8	11.0
WSW	.3	1.3	2.9	2.6	.2	.1						7.4	9.8
W	.3	1.6	2.4	3.4	.5	.5						8.8	11.1
WNW	.4	1.1	3.2	1.4	.3							6.5	9.3
NW	.4	.6	2.2	.8	.3	.2						4.5	9.8
NNW	1.2	2.4	1.9	.8		.1						6.3	6.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.2	//////
TOTALS	11.2	26.5	32.7	20.8	2.7	1.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	1.5	2.3	2.9	.4								7.1	6.5
NNE	.6	.6	.4	.3								2.0	6.4
NE	.3	1.3	1.0	.8	.2							3.5	8.5
ENE	.3	.4	1.5	.4								2.7	8.2
E	.5	1.1	2.3	1.2								5.1	9.1
ESE	.5	1.4	2.4	.4								4.7	7.3
SE	.2	1.1	1.6	.5								3.4	7.9
SSE	.3	.8	1.6	.5	.2							3.4	8.6
S	1.2	1.5	2.3	1.0	.5							6,5	8.0
SSW	.6	1.6	2.4	4.5	1.1	.2						10.4	11.3
SW	.3	.2	2.2	3.8	.5	.4						7.4	12.4
WSW	.3	1.6	2.8	2.2	.5	.2						7.6	10.3
W	.6	1.8	4.1	5.5	1.4	.9	.2					14.5	12.0
WNW	.2	1.1	3.3	2.2	.3	.1						7.2	10.2
NW	.4	1.4	2.3	1.6	.1	.6						6.5	10.3
NNW	.5	2.6	1.9	1.1								6.1	7.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.7	//////
TOTALS	8.7	20.8	34.8	26.3	4.9	2.5	.2					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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	1.5	3.9	1.5	1.0								7.8	6.1
NNE	.3	1.7	1.1	.5	.1							3.8	7.5
NE	.4	.8	1.3	.5	.1							3.1	8.4
ENE	.6	.8	1.2	.9								3.4	7.8
E	1.1	1.4	3.2	.6								6.3	7.0
ESE	.3	1.3	2.2	.1								3.9	7.2
SE	.2	1.2	.8	.2	.1							2.5	7.3
SSE	.3	1.1	1.0	.3		.1						2.8	7.8
S	.8	1.4	2.2	1.3	.3	.1						6.0	8.8
SSW	.4	1.2	2.0	3.3	1.4	.2						8.6	11.8
SW	.3	.2	1.2	2.4	.8	.5						5.4	13.8
WSW	.3	2.0	1.2	2.6	.5	.1						6.8	10.4
W	.2	1.4	4.3	5.4	1.6	.4						13.3	12.0
WNW	.6	1.2	4.1	4.0	.6							10.5	10.5
NW	.4	1.6	2.5	2.7	.4							7.6	9.6
NNW	.6	2.0	2.5	1.3	.2							6.7	8.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.4	//////
TOTALS	8.6	23.1	32.0	27.1	6.2	1.5						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 1800-2300

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	2.4	1.7	.1								6.8	4.8
NNE	1.2	1.0	1.8	.5								4.5	6.7
NE	.8	1.2	1.3	.6								3.9	7.2
ENE	1.4	1.8	1.0	.5								4.7	5.8
E	1.3	3.1	2.2	.2								6.8	5.5
ESE	1.0	2.3	.5	.1								3.9	4.6
SE	.5	.5	.5	.1								1.7	5.4
SSE	.8	1.7	.4	.9								3.8	6.7
S	1.0	2.0	2.0	1.5	.2	.1						6.9	8.2
SSW	.9	1.4	1.9	2.3	.6							7.1	9.7
SW	1.1	.8	1.0	1.1								3.9	7.4
WSW	.4	1.0	1.2	1.4	.3	.1						4.4	10.0
W	1.3	2.3	3.1	3.2	.5							10.4	9.1
WNW	[illegible]	3.0	4.0	2.0	.4							9.5	9.0
NW	1.7	2.0	3.7	1.5	.3	.1						9.4	8.0
NNW	.6	1.7	2.3	.9								5.5	7.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.0	//////
TOTALS	16.5	28.2	28.6	17.0	2.5	.3						100.0	7.0

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: MAR 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	1.2	1.1	1.0	.1	.2							3.5	6.1
NNE	1.6	2.3	1.1	.2								5.2	5.3
NE	1.6	2.3	1.3	.5								5.7	5.7
ENE	.5	1.0	1.4	.8								3.7	7.4
E	.6	2.5	1.7	.1								4.9	6.2
ESE	1.2	1.2	.9									3.2	4.8
SE	.5	.4	.4	.3								1.7	6.3
SSE	.8	1.2	1.4	.9								4.2	6.7
S	1.0	1.3	3.5	.8		.1						6.7	7.9
SSW	.4	1.4	1.7	1.4								4.9	8.6
SW	.9	.3	1.0	.6	.1							2.9	7.6
WSW	.6	1.7	1.0	1.9	.2							5.5	8.6
W	1.0	2.3	2.7	1.5	.1							7.5	7.7
WNW	.8	2.5	2.2	1.6	.2							7.2	8.0
NW	.8	1.9	3.9	.9	.1	.1						7.6	7.9
NNW	1.5	1.2	1.6	.8								5.1	7.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.4	//////
TOTALS	14.9	24.4	26.7	12.4	1.0	.2						100.0	5.7

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: MAR 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	1.6	2.6	1.6	.5	.1							6.4	6.0
NNE	1.0	1.6	.9	.2	.0							3.8	5.8
NE	1.0	1.3	1.1	.6	.1	.0						4.2	7.0
ENE	.7	1.1	1.5	.5								3.7	7.0
E	.8	1.9	2.1	.5								5.3	6.6
ESE	.7	1.4	1.1	.2								3.4	5.9
SE	.6	1.1	.8	.3	.0							2.8	6.2
SSE	.8	1.3	1.1	.6	.0	.0						3.8	6.7
S	1.1	2.0	2.2	1.2	.2	.1						6.7	7.6
SSW	.8	1.5	2.1	2.2	.5	.1						7.2	9.5
SW	.8	.7	1.4	1.8	.3	.1						5.2	9.9
WSW	.6	1.2	1.6	1.6	.3	.1						5.5	9.3
W	1.0	2.0	3.0	3.0	.7	.2	.0					9.9	9.9
WNW	.7	1.7	2.9	2.0	.4	.1						7.6	9.1
NW	.8	1.6	2.2	1.1	.2	.1						6.0	8.4
NNW	1.1	1.9	1.7	.7	.0	.1						5.5	6.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.1	//////
TOTALS	14.1	24.9	27.2	17.0	2.8	.9	.0					100.0	6.9

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	1.0	2.1	1.6	.7								5.3	6.4
NNE	1.2	1.6	.6	.2								3.6	5.2
NE	1.7	2.4	1.0		.1							5.2	5.0
ENE	.8	1.3	.8	.3								3.2	6.0
E	1.0	1.4	.6	.7	.1							3.8	6.8
ESE	.9	.4	.4									1.8	4.4
SE	.2	.7	.2									1.1	5.4
SSE	.8	1.3	.4	.2								2.8	5.4
S	.7	1.4	2.3	.3	.1							4.9	7.4
SSW	.3	1.8	1.2	1.1								4.4	7.9
SW	1.4	1.7	1.4	.9	.1							5.6	6.7
WSW	.7	1.9	1.3	1.0	.1	.1						5.1	7.8
W	1.0	1.7	2.1	1.7	.1	.1						6.7	8.4
WNW	.3	1.4	1.6	1.1		.2						4.7	8.8
NW	.4	1.4	1.3	.6	.2		.1					4.1	8.6
NNW	.6	1.1	1.0	.3								3.0	6.1
VARIABLE													
CALM	//////////											34.8	//////
TOTALS	13.0	23.8	17.9	9.1	.9	.4	.1					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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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	1.2	2.9	1.0	.4								5.6	5.4
NNE	1.3	.7	.6	.1								2.7	4.5
NE	1.1	1.3	.3									2.8	4.2
ENE	1.0	1.3	1.4	.3								4.1	5.9
E	1.0	1.2	1.3	.8	.1							4.4	7.1
ESE	.8	.9	.1	.2								2.0	4.6
SE	.7	.7	.4									1.8	4.5
SSE	1.3	1.1	.2	.1								2.8	4.1
S	.8	1.3	1.4	.6	.3							4.4	7.7
SSW	1.0	2.6	1.3	.4		.1						5.4	6.3
SW	.4	2.1	.8	.9	.7		.1					5.0	9.1
WSW	.4	1.6	1.3	1.2	.2							4.8	8.4
W	1.7	1.7	1.1	1.2	.6							6.2	7.4
WNW	.7	1.1	1.9	1.2								4.9	8.0
NW	.8	2.0	.8	.4	.3							4.3	7.1
NNW	.7	1.1	1.0	.4								3.2	7.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	35.6	//////
TOTALS	14.9	23.6	15.1	8.4	2.2	.3	.1					100.0	4.3

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	1.0	1.2	1.2	.6								4.0	6.4
NNE	1.4	1.0	1.3	.6								4.3	5.9
NE	.9	1.7	.7	.2								3.4	5.3
ENE	1.3	1.7	.8	.3								4.1	5.2
E	.4	1.8	2.2	.8								5.2	7.4
ESE	1.6	.9	.2	.2								2.9	4.5
SE	.9	.8		.1								1.8	4.4
SSE	1.2	.9	1.0	.7								3.8	6.4
S	1.1	2.8	.7	.6	.1							5.2	6.0
SSW	1.3	1.8	1.9	1.1	.1							6.2	7.2
SW	1.7	1.3	2.2	1.1	.4	.1						6.9	7.9
WSW	.7	1.7	1.4	1.7	.1	.2						5.8	8.8
W	.2	1.2	1.7	.8	.4							4.3	9.0
WNW	.6	1.9	2.0	1.0	.4							5.9	8.4
NW	.6	1.8	.8	.6								3.7	6.8
NNW	.3	1.3	1.4	.6								3.7	7.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	28.8	//////
TOTALS	15.2	23.7	19.6	10.8	1.7	.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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: APR 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	1.0	1.9	.9	.2							4.2	9.1
NNE	1.0	1.2	1.8	1.0								5.0	7.5
NE	.3	.7	.9	.1								2.0	6.3
ENE	.6	2.0	.7	.3								3.6	6.1
E	.9	2.9	2.7	1.0	.2							7.7	7.6
ESE	1.0	1.8	1.7	1.0								5.4	6.7
SE	.4	2.0	.7	.4	.1							3.7	6.6
SSE	1.1	1.7	1.4	.2	.1							4.6	6.4
S	1.2	2.2	2.6	1.1								7.1	7.1
SSW	1.4	2.1	2.0	1.8	.3	.1						7.8	8.3
SW	.8	1.1	3.2	1.7	.3	.1						7.2	9.3
WSW	1.3	1.4	3.2	3.0	.2	.3						9.6	9.5
W	.9	1.4	3.0	3.7	.8	.3	.1					10.2	10.8
WNW	.4	1.3	1.9	2.6	.3	.1						6.7	10.0
NW	.2	1.1	1.9	1.4	.1							4.8	9.1
NNW	.7	2.0	2.7	.7		.1						6.1	7.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	4.4	//////
TOTALS	12.6	26.0	32.1	20.9	2.8	1.1	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	.4	2.3	1.6	.3	.2							4.9	6.9
NNE	.4	1.3	1.1	.7								3.6	7.4
NE	.1	.8	1.6	.8								3.2	9.1
ENE	.9	1.3	1.1	.3								3.7	6.0
E	.4	1.3	1.7	.8								4.2	7.4
ESE	.4	2.0	1.0	.8								4.2	7.0
SE	.1	1.4	.3	.6								2.4	7.1
SSE	.7	1.2	1.4	.4	.1							3.9	6.7
S	.4	1.6	2.3	1.3	.1	.2						6.0	8.7
SSW	.7	1.1	3.1	3.6	.7	.1						9.2	10.2
SW	.3	.7	1.8	3.1	.6	.6						7.0	12.1
WSW	.9	2.0	3.8	3.3	.8	.7						11.4	10.9
W	1.0	2.9	3.3	3.6	1.7	.4						12.9	10.5
WNW	1.0	1.7	2.2	2.4	.3	.2						7.9	9.4
NW	.6	1.0	2.8	2.8	.1							7.2	9.9
NNW	1.0	1.3	2.6	1.0	.1							6.0	7.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.2	//////
TOTALS	9.4	24.0	31.7	25.8	4.7	2.2						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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	.8	1.8	3.0	1.0	.1							6.7	7.9
NNE	.6	1.2	1.0	.6	.1							3.4	7.6
NE	.2	1.0	.7	1.3								3.2	9.0
ENE	.2	1.0	1.4	.4								3.1	7.5
E	.7	1.1	1.8	.8	.1							4.4	7.9
ESE	.4	1.4	1.4	.1								3.4	6.2
SE	.3	.7	.3	.1								1.4	6.2
SSE	.6	1.8	.8	.3								3.4	6.1
S	.4	2.2	2.2	1.2	.2		.1					6.4	8.5
SSW	.8	1.7	2.8	3.7	1.1							10.0	10.4
SW	.8	1.9	2.2	2.1	.6	.3						7.9	9.7
WSW	.8	2.6	2.1	2.9	.4	.3		.1				9.2	10.1
W	.2	1.9	3.7	4.2	2.0	.6	.1					12.7	12.3
WNW	.8	.9	3.7	3.1	.4	.1						9.0	10.2
NW	.6	.7	2.9	2.6	.2							6.9	9.8
NNW	.8	1.9	2.8	1.3	.1							6.9	7.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.8	//////
TOTALS	8.9	23.7	32.8	25.8	5.4	1.3	.2	.1				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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 1800-2300

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	2.7	1.7	.6	.1							7.0	5.8
NNE	.6	1.7	1.6	.9	.2							4.9	7.9
NE	1.0	1.3	1.6	1.2								5.1	7.4
ENE	.9	1.2	.7	.2								3.0	5.4
E	1.8	2.6	1.4	.2								6.0	5.4
ESE	1.4	1.0	.4	.1								3.0	4.7
SE	.4	.6	.1									1.1	4.3
SSE	.3	1.1	.6									2.0	5.2
S	.8	2.6	2.7	.8								6.8	7.0
SSW	1.2	2.3	1.9	1.3	.6							7.3	8.2
SW	1.4	2.0	1.7	1.8	.3	.1						7.3	9.2
WSW	1.7	1.2	1.2	1.4	.1	.1						5.8	7.5
W	.4	3.4	2.8	3.0	.8	.1						10.6	9.4
WNW	.7	1.4	3.4	2.0	.4							8.0	9.1
NW	.9	1.3	2.1	1.1	.1							5.6	7.8
NNW	.7	2.9	3.1	.7	.2							7.6	7.2
VARIABLE													
CALM	//////////											9.0	//////
TOTALS	16.2	29.3	26.9	15.3	2.9	.3						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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: APR 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	1.3	2.0	1.1	.4								4.9	5.8
NNE	1.3	.9	1.1	.7								4.0	6.2
NE	.9	2.4	1.6	.2								5.1	5.7
ENE	1.4	1.4	.9	.6								4.3	5.6
E	1.8	.8	.7	.6								3.8	5.4
ESE	.9	.7	.4	.1								2.1	4.7
SE	1.0	.6	.4									2.0	4.3
SSE	1.1	1.1	.3									2.6	4.2
S	.6	1.9	2.3	.7								5.4	7.1
SSW	.9	2.3	1.1	.6	.3							5.2	7.1
SW	2.2	2.2	1.0	.7	.1	.3						6.6	6.6
WSW	1.1	1.4	.6	.8	.2							4.1	7.1
W	1.7	2.4	3.1	.8	.3	.2						8.6	7.5
WNW	1.0	1.0	.9	1.0	.2	.2						4.3	8.5
NW	.7	.9	1.9	.7								4.1	7.5
NNW	.7	.7	1.0	.9								3.2	7.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	29.7	//////
TOTALS	18.6	22.8	18.4	8.6	1.2	.8						100.0	4.6

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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	1.0	2.0	1.6	.6	.1							5.3	6.6
NNE	1.0	1.2	1.1	.6	.0							3.9	6.7
NE	.8	1.5	1.0	.5	.0							3.8	6.4
ENE	.9	1.4	1.0	.4								3.6	5.9
E	1.0	1.6	1.5	.7	.1							4.9	6.9
ESE	.9	1.1	.7	.3								3.1	5.7
SE	.5	.9	.3	.2	.0							1.9	5.6
SSE	.9	1.3	.8	.2	.0							3.2	5.8
S	.7	2.0	2.1	.8	.1	.0	.0					5.8	7.4
SSW	1.0	2.0	1.9	1.7	.4	.0						7.0	8.5
SW	1.1	1.6	1.8	1.5	.4	.2	.0					6.7	8.8
WSW	.9	1.7	1.9	1.9	.3	.2		.0				7.0	9.2
W	.9	2.1	2.6	2.4	.8	.2	.0					9.0	9.8
WNW	.7	1.3	2.2	1.8	.3	.1						6.4	9.2
NW	.6	1.3	1.8	1.3	.1		.0					5.1	8.5
NNW	.7	1.5	1.9	.7	.1	.0						5.0	7.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	18.3	//////
TOTALS	13.6	24.6	24.3	15.6	2.7	.8	.1	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 7230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: MAY 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	1.4	3.2	.6	.4								5.7	5.0
NNE	1.3	2.3	.9	.3								4.7	5.2
NE	2.0	1.7	.6	.1								4.5	4.0
ENE	1.3	.5	.2	.1								2.2	4.0
E	.8	.8	.3									1.8	4.0
ESE	.6	.5	.4									1.6	4.8
SE	.6	.6	.4									1.7	4.6
SSE	1.2	.8	.5									2.5	4.4
S	1.8	2.6	.9	.2								5.5	4.8
SSW	2.3	2.2	1.0	.2								5.6	4.5
SW	2.9	2.5	1.9	.2								7.5	4.8
WSW	1.1	2.3	1.4									4.7	5.1
W	1.1	1.0	1.0									3.0	5.1
WNW	.5		.4	.2								1.2	6.6
NW	.9	.3	.4	.2								1.8	5.7
NNW	1.0	1.4	.8	.3								3.4	5.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	42.5	//////
TOTALS	20.8	22.6	11.8	2.4								100.0	2.8

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	2.9	3.1	.5	.5	.1							7.2	4.9
NNE	1.5	1.6	1.4	.3								4.8	5.3
NE	2.7	1.0	.5									4.2	3.5
ENE	.9	.8										1.6	3.3
E	.8	1.1	.4									2.3	4.7
ESE	.5	.6	.4									1.6	4.7
SE	1.0	.4										1.4	2.6
SSE	1.9	.1	.1	.2								2.4	3.4
S	2.9	1.8	1.0	.1	.1							5.9	4.5
SSW	1.8	2.2	2.0	.2								6.2	5.3
SW	1.8	2.4	1.5	.2	.1							6.0	5.4
WSW	1.4	1.3	1.4									4.1	5.1
W	.6	1.3	.5	.1								2.6	5.1
WNW	.3	.5	.3									1.2	5.3
NW	.3	.6	1.0	.2								2.2	6.7
NNW	.5	1.2	.9									2.6	5.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	43.8	//////
TOTALS	21.9	20.0	12.0	1.9	.3							100.0	2.7

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: MAY 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	2.5	3.2	2.0	1.0								8.7	6.0
NNE	1.6	2.0	1.0	.3								4.9	5.3
NE	1.4	1.7	1.2	.2								4.5	5.1
ENE	1.3	1.5	.8									3.5	4.6
E	1.2	1.4	.6	.1								3.3	4.9
ESE	.8	1.1	.3	.1								2.3	4.5
SE	1.4	.5	.2									2.2	3.3
SSE	1.7	1.1	.3	.2								3.3	4.0
S	2.6	3.7	.5	.2								7.0	4.4
SSW	1.9	2.3	2.6	.8								7.5	6.1
SW	1.8	2.3	1.6	.8	.1							6.6	6.1
WSW	1.0	1.5	2.5									4.9	6.1
W	.3	1.3	.8	.2								2.6	6.2
WNW	.8	.4	.3									1.5	4.3
NW	.5	.5	1.1									2.2	6.2
NNW	.3	1.4	1.1	.1								2.9	5.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	32.0	//////
TOTALS	21.1	25.9	16.9	4.0	.1							100.0	3.6

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	1.5	2.8	3.3	1.1	.2							8.9	7.0
NNE	1.1	1.5	1.7	1.2								5.5	7.4
NE	.6	.6	1.6	.1								3.0	6.4
ENE	1.1	1.1	.9	.2								3.2	5.4
E	2.2	2.5	1.4	.5								6.6	5.3
ESE	1.0	2.9	.4	.3								4.6	5.1
SE	1.4	1.2	.9									3.4	4.8
SSE	1.0	.9	.8									2.6	4.5
S	1.3	2.2	1.9	.9								6.2	6.3
SSW	1.0	2.2	3.0	1.5	.2							7.8	7.9
SW	.6	1.3	4.3	2.0	.3							8.6	9.1
WSW	1.0	3.2	4.5	1.8								10.5	7.8
W	1.0	2.5	2.5	1.4	.2							7.5	7.7
WNW	.4	.8	1.4	.4								3.0	7.5
NW	.4	1.5	2.3	.5								4.7	7.2
NNW	1.3	2.8	2.0	.2								6.3	5.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.3	//////
TOTALS	16.8	29.8	32.9	12.3	1.0							100.0	6.4

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	1.6	2.7	3.4	1.0	.3							9.0	7.3
NNE	.9	2.8	1.6	1.1								6.3	6.9
NE	.8	1.1	1.0	.9								3.7	6.9
ENE	.9	1.0	.9	.2								2.9	5.9
E	1.5	1.9	.9	.5								4.8	5.7
ESE	1.2	1.0	.5	.2								2.9	4.8
SE	.6	.8	.4	.2								2.0	5.4
SSE	1.0	1.6	1.7	.2								4.5	6.1
S	.9	1.7	1.8	.5								4.9	6.7
SSW	1.4	1.4	3.5	2.3	.6	.4						9.7	9.6
SW	.8	1.6	2.7	2.3	.1	.2						7.6	9.4
WSW	.5	3.3	4.7	3.8								12.4	8.8
W	.6	1.7	3.7	2.0	.3							8.4	9.2
WNW	.8	1.0	1.9	1.0	.1							4.7	8.1
NW	1.3	1.4	2.3	1.0								5.9	7.1
NNW	1.0	2.8	2.3	.4								6.5	6.5
VARIABLE													
CALM	//////////											3.7	//////
TOTALS	15.6	27.7	33.3	17.5	1.5	.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: MAY 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	1.9	3.5	2.7	1.1								9.2	5.4
NNE	1.1	2.2	2.3	.3								5.8	6.4
NE	.8	.5	1.3	.5	.1							3.2	7.5
ENE	.8	2.2	1.1	.1								4.1	5.6
E	1.5	1.6	.8	.2								4.1	5.1
ESE	.6	.6	.8									2.0	5.6
SE	.3	.3	.4	.1								1.2	5.8
SSE	.6	1.6	1.6	.4								4.3	6.6
S	.8	2.3	2.7	1.1								6.8	7.4
SSW	1.0	2.3	2.5	1.7	.3	.3						8.1	8.6
SW	.9	1.9	2.3	2.8	.3							8.2	9.2
WSW	.3	1.7	4.6	2.6	.1							9.4	9.4
W	1.4	2.9	3.5	1.4	.2							9.5	7.7
WNW	.5	1.2	2.2	1.9	.3							6.1	9.2
NW	1.1	1.7	3.0	.9								6.7	7.3
NNW	.9	2.4	2.7	1.1	.1							7.1	7.4
VARIABLE													
CALM	//////////											4.3	//////
TOTALS	14.4	28.9	34.3	16.2	1.5	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: MAY 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	2.3	4.3	2.2	.8								9.5	5.7
NNE	.5	1.6	2.3	.8								5.2	7.5
NE	1.4	2.5	.9	.2								5.0	5.2
ENE	.5	1.0	.5									2.0	5.2
E	2.2	1.6	.1									3.9	3.7
ESE	.6	.8	.6	.1								2.2	5.3
SE	.8	1.0	.8									2.5	5.0
SSE	.9	2.0	1.0									3.9	5.2
S	.3	4.2	2.8	.4								7.8	6.4
SSW	1.2	2.5	2.5	1.0								7.1	7.0
SW	2.3	2.3	1.3	.8		.1						6.7	6.0
WSW	1.5	2.7	2.6	.4								7.2	6.2
W	2.3	1.8	3.1	.1	.2							7.5	5.9
WNW	1.3	1.7	1.5	1.1								5.6	6.7
NW	.5	2.0	1.5	.2	.1							4.4	6.5
NNW	1.6	1.6	3.2	.6								7.1	6.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.5	//////
TOTALS	20.2	33.6	26.8	6.5	.3	.1						100.0	5.3

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	2.3	2.7	.6	.2								5.8	4.6
NNE	1.7	1.8	1.0	.1								4.6	4.8
NE	2.2	1.7	.6									4.5	4.1
ENE	1.1	.8	.5	.1								2.5	4.7
E	1.1	1.0										2.0	3.3
ESE	.6	.9	.5									2.0	4.7
SE	1.5	.8	.3									2.6	3.7
SSE	1.0	1.6	.6	.2								3.5	5.1
S	1.6	3.2	1.9	.2								7.0	5.4
SSW	1.4	2.6	1.3	.3		.1						5.7	5.9
SW	3.8	2.9	.6	.5								7.9	4.0
WSW	2.0	2.0	.9	.1								5.1	4.4
W	1.7	1.9	.8	.1								4.5	4.6
WNW	.9	.6	.2	.3								2.0	5.5
NW	.1	.6	.9	.2								1.8	7.1
NNW	.8	1.0	1.5	.3								3.6	6.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	34.7	//////
TOTALS	23.7	26.2	12.4	2.8		.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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	2.0	3.2	1.9	.8	.1							8.0	6.0
NNE	1.2	2.0	1.5	.6								5.2	6.2
NE	1.5	1.4	1.0	.3	.0							4.1	5.2
ENE	1.0	1.1	.6	.1								2.8	5.0
E	1.4	1.5	.6	.2								3.6	4.8
ESE	.8	1.0	.5	.1								2.4	5.0
SE	1.0	.7	.4	.0								2.1	4.4
SSE	1.2	1.2	.8	.2								3.4	5.1
S	1.5	2.7	1.7	.5	.0							6.4	5.7
SSW	1.5	2.2	2.3	1.0	.1	.1						7.2	7.1
SW	1.9	2.1	2.0	1.2	.1	.0						7.4	6.9
WSW	1.1	2.3	2.8	1.1	.0							7.3	7.2
W	1.1	1.8	2.0	.7	.1							5.7	7.0
WNW	.7	.8	1.0	.6	.1							3.2	7.4
NW	.6	1.1	1.5	.4	.0							3.7	6.9
NNW	.9	1.8	1.8	.4	.0							4.9	6.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	22.6	//////
TOTALS	19.3	26.8	22.6	7.9	.6	.1						100.0	4.8

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	1.2	1.7	.9	.2								4.0	5.1
NNE	1.1	1.1	.4	.1								2.8	4.7
NE	1.0	1.9	.4									3.3	4.6
ENE	1.9	.8	.2									2.9	3.2
E	1.6	.7	.1	.1								2.4	3.6
ESE	.8	.8										1.6	3.4
SE	1.0	.2	.4									1.7	3.7
SSE	1.7	1.1	.2									3.0	3.4
S	2.4	1.9	1.0	.1	.1							5.6	4.8
SSW	3.4	3.9	1.2	.3	.1							9.0	4.7
SW	3.3	2.6	2.2	.4								8.6	5.2
WSW	1.0	1.6	1.1	.3								4.0	5.6
W	1.3	.6	.3									2.2	3.5
WNW		.7	.4	.1	.1							1.3	7.7
NW	.2	.2	.2	.2								.9	7.4
NNW	.9	.6	.3	.1								1.9	4.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	44.9	//////
TOTALS	22.9	20.1	9.7	2.1	.3							100.0	2.6

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	.6	1.2	.9									2.7	5.4
NNE	1.4	.9	.3									2.7	3.7
NE	2.1	1.3	.7									4.1	3.9
ENE	1.1	.7	.1									1.9	3.8
E	1.1	.8										1.9	3.2
ESE	1.4	.3	.1									1.9	2.8
SE	1.9	.3	.4									2.7	3.5
SSE	1.3	1.0	.1									2.4	3.3
S	1.3	1.9	.4	.2								3.9	4.6
SSW	2.8	4.0	.8	.3								7.9	4.4
SW	1.0	3.3	1.9	.7								6.9	6.1
WSW	1.2	1.8	1.8	.2								5.0	5.8
W	.6	1.2	.7	.1								2.6	5.4
WNW	.7	.7		.1								1.4	4.1
NW	.4	.7	.2	.1								1.4	5.8
NNW	.7	1.6	.3	.6								3.1	6.4
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	47.6	//////
TOTALS	19.7	21.7	8.8	2.3								100.0	2.5

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	1.8	2.1	.9	.1	.	.1						5.0	5.1
NNE	1.4	2.1	.4									4.0	4.1
NE	1.7	2.0	.6	.1								4.3	4.4
ENE	1.4	1.3	.1									2.9	3.7
E	.9	.9	.4									2.2	4.4
ESE	1.0	.6	.1									1.7	3.3
SE	.8	.8	.4									2.0	4.2
SSE	1.7	1.4	.6									3.7	4.2
S	3.1	2.7	.8	.3								6.9	4.5
SSW	2.6	3.4	1.3	.3								7.7	5.1
SW	1.3	3.0	2.7	.6								7.6	6.4
WSW	1.0	2.2	3.4	.7								7.3	7.0
W	.7	1.2	1.8	1.0								4.7	7.4
WNW	.3	1.3	.4	.2								2.3	6.3
NW	.9	1.0	.7	.2								2.8	5.6
NNW	.9	1.3	.8		.3							3.3	6.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	31.7	//////
TOTALS	21.4	27.4	15.4	3.6	.3	.1						100.0	3.7

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	1.8	2.9	1.6	.4								6.7	5.6
NNE	1.2	1.7	1.1	.3								4.3	5.5
NE	.8	.8	.8									2.3	5.5
ENE	.8	1.7	.7									3.1	5.1
E	.9	1.8	.8	.1								3.6	5.6
ESE	1.3	1.2	.2	.2								3.0	4.3
SE	1.0	1.3	.3	.1								2.8	4.3
SSE	1.0	1.7	.4	.2								3.3	5.1
S	1.1	2.9	2.3	.7	.2							7.2	6.9
SSW	1.1	2.6	2.8	1.1	.1							7.7	7.3
SW	1.1	2.3	3.6	2.2	.1							9.3	8.1
WSW	2.2	2.2	5.4	3.3								13.2	8.2
W	1.3	3.0	3.4	2.2								10.0	8.0
WNW	1.0	1.6	1.9	.3								4.8	6.3
NW	.2	1.4	2.1	.7								4.4	7.5
NNW	1.1	2.6	1.8	.6	.1							6.1	6.4
VARIABLE													
CALM	//////////											8.1	//////
TOTALS	18.0	31.6	29.2	12.6	.6							100.0	6.2

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1200-1400

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	1.2	3.2	3.3	.2								8.0	6.3
NNE	.6	1.4	1.2	.4								3.7	6.8
NE	.4	.9	.9	.2								2.4	6.7
ENE	.6	.7	.7	.1								2.0	6.3
E	1.0	1.7	.6	.3								3.6	5.2
ESE	.4	1.1	1.0									2.6	5.7
SE	.4	.8	.7									1.9	5.4
SSE	1.1	1.2	.7	.1								3.1	4.9
S	.7	3.7	2.6	.8	.1							7.8	7.1
SSW	.8	2.1	3.2	2.0	.4							8.6	8.5
SW	.6	1.6	3.0	4.4	.7	.1						10.6	13.5
WSW	.8	2.6	3.8	3.4	.8							11.3	9.8
W	1.3	2.7	3.9	3.6	.4							11.9	8.9
WNW	.9	2.1	2.1	1.2	.1							6.4	7.6
NW	.2	1.6	2.3	.9	.1							5.1	8.2
NNW	1.3	1.9	3.4	1.1	.2							8.0	7.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.1	//////
TOTALS	12.3	29.3	33.3	18.9	2.9	.1						100.0	7.7

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	2.4	4.0	3.1	.6								10.1	5.9
NNE	.6	2.0	2.0	.2	.1							4.9	6.5
NE	.3	1.2	1.0	.1								2.7	6.3
ENE	.8	1.2	.2	.1								2.3	5.0
E	1.0	.7	1.0	.2								2.9	6.2
ESE	.8	1.1	.4									2.3	4.5
SE	.9	.8	.2									1.9	3.9
SSE	.7	.7	.4									1.8	4.9
S	1.1	3.1	2.6	1.1								7.9	7.0
SSW	.9	2.4	3.3	2.8	.4	.1						10.0	9.2
SW	.6	2.2	3.8	2.9	1.0							10.4	9.8
WSW	.6	2.4	4.0	4.7	.6							12.2	9.7
W	.8	1.8	3.7	2.6	.6							9.3	9.3
WNW	.2	.6	2.6	1.4	.2							5.0	9.7
NW	.8	1.3	2.7	.7	.2							5.7	8.1
NNW	.9	3.2	2.8	.6	.3							7.8	7.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.8	//////
TOTALS	13.2	28.8	33.8	17.9	3.4	.1						100.0	7.7

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1800-2300

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	4.6	2.1	.4								9.7	5.3
NNE	1.1	1.3	1.4	.3								4.2	5.9
NE	1.2	2.0	.8									4.0	4.6
ENE	1.2	1.2	.6									3.0	4.6
E	1.7	1.8	.1	.2								3.8	4.1
ESE	.9	1.7	.3									2.9	4.5
SE	1.0	1.0	.3									2.3	4.4
SSE	1.0	1.3	.3	.2								2.9	4.7
S	.9	2.4	2.6	.8								6.7	6.8
SSW	1.6	4.6	2.6	2.2	.1							11.0	7.2
SW	2.0	2.4	3.9	1.4	.2							10.0	7.4
WSW	1.8	3.0	2.7	1.0	.1							8.6	6.7
W	1.8	2.0	2.6	.7	.2	.1						7.3	7.0
WNW	.8	1.2	1.2	.7								3.9	7.1
NW	1.1	1.4	1.2	.9	.1							4.8	7.1
NNW	1.0	2.0	2.4	.9	.1							6.4	7.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	8.6	//////
TOTALS	21.6	34.0	25.1	9.8	.9	.1						100.0	5.8

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: JUN 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	2.0	2.6	.8									5.3	4.4
NNE	1.3	.8	.8	.1								3.0	4.9
NE	1.3	2.7	.4	.1								4.6	4.5
ENE	1.0	.8	.3									2.1	4.1
E	2.4	1.0	.1									3.6	3.0
ESE	1.1	.4	.3									1.9	4.2
SE	.3	.8	.4									1.6	5.0
SSE	1.7	1.7	.6		.1							4.0	4.6
S	2.0	2.6	1.7	.1	.1							6.4	5.2
SSW	3.2	4.1	2.3	.4								10.1	5.0
SW	3.6	3.2	2.0	.6								9.3	5.0
WSW	1.7	1.9	.7	.2								4.4	4.9
W	1.3	.6	.6									2.4	4.5
WNW	.6	.4	.1	.3	.1							1.6	6.6
NW	.4	.3	.4	.1								1.3	6.1
NNW	1.3	1.6	.9	.3								4.1	5.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	34.2	//////
TOTALS	25.3	25.3	12.4	2.3	.3							100.0	3.2

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): ALL

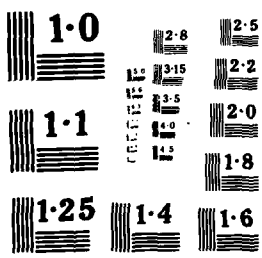
DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	2.8	1.7	.2		.0						6.4	5.5
NNE	1.1	1.4	1.0	.2	.0							3.7	5.4
NE	1.1	1.6	.7	.1								3.5	4.9
ENE	1.1	1.0	.4	.0								2.5	4.4
E	1.3	1.2	.4	.1								3.0	4.5
ESE	1.0	.9	.3	.0								2.2	4.2
SE	.9	.7	.4	.0								2.1	4.3
SSE	1.3	1.3	.4	.1	.0							3.0	4.4
S	1.6	2.6	1.7	.5	.1							6.5	6.0
SSW	2.0	3.4	2.2	1.2	.2	.0						9.0	6.5
SW	1.7	2.6	2.9	1.7	.2	.0						9.1	7.5
WSW	1.3	2.2	2.9	1.7	.2							8.3	7.9
W	1.1	1.6	2.1	1.3	.2	.0						6.3	7.8
WNW	.6	1.1	1.1	.6	.1							3.3	7.3
NW	.5	1.0	1.2	.5	.1							3.3	7.3
NNW	1.0	1.8	1.6	.5	.1							5.1	6.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	22.6	//////
TOTALS	19.3	27.3	21.0	8.7	1.1	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 7230

AD-A159 638 WRIGHT-PATTERSON AFB OHIO REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 85

UNCLASSIFIED USAFETAC/DS-85/050 F/G 4/2 NL

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	2.6	2.2	.3									5.1	3.6
NNE	1.8	.8	.2									2.8	3.1
NE	1.5	.4	.1									2.0	2.8
ENE	1.5	.1	.2									1.8	2.9
E	.5	.5										1.1	3.2
ESE	.6	.1										.8	2.6
SE	1.0	.4	.1									1.5	3.3
SSE	2.2	.5	.2									2.9	2.9
S	2.7	2.2	.4	.1								5.4	4.1
SSW	3.1	3.0	.8	.1								7.0	3.8
SW	2.7	2.3	1.0									5.9	4.1
WSW	1.3	2.2	1.3	.3								5.1	5.4
W	1.5	1.0	1.3									3.8	4.9
WNW	.6	.3	.2									1.2	4.2
NW	.1	.6	.3									1.1	6.0
NNW	.5	1.1	.4									2.0	4.7
VARIABLE													
CALM	//////////											50.6	//////
TOTALS	24.3	17.6	6.9	.5								100.0	2.0

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	2.4	2.0	.2									4.6	3.7
NNE	2.0	.4	.2									2.7	2.9
NE	2.5	.8	.3									3.5	3.1
ENE	.9	.3	.1									1.3	3.1
E	.6	.2										.9	2.9
ESE	.3	.4										.8	3.6
SE	1.0	.2										1.2	2.1
SSE	2.0	.8	.1									2.9	3.0
S	3.3	2.3	.2									5.8	3.6
SSW	2.2	1.4	.6									4.2	4.0
SW	1.9	1.4	.9									4.2	4.4
WSW	1.0	2.0	2.2									5.2	5.8
W	1.0	1.2	1.2									3.3	5.1
WNW	.4	.9		.1								1.4	4.6
NW	.6	.3	.1									1.1	3.2
NNW	.3	1.2	.5	.1								2.2	5.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	54.8	//////
TOTALS	22.5	15.8	6.7	.2								100.0	1.8

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	1.7	2.2	.3	.1								4.3	4.2
NNE	3.4	1.4	.1									4.9	2.9
NE	3.2	1.2	.3									4.7	3.0
ENE	1.0	.4	.2									1.6	3.3
E	1.1	.4	.1									1.6	3.3
ESE	.6	.6	.1									1.4	3.7
SE	1.7	.6	.3									2.7	3.4
SSE	2.8	1.0	.1									3.9	2.9
S	3.1	2.0	.2									5.4	3.4
SSW	2.4	2.9	1.8									7.1	5.0
SW	2.0	2.2	1.8	.2								6.2	5.1
WSW	1.5	2.2	1.5	.4								5.6	5.9
W	2.7	1.5	1.3									5.5	4.4
WNW	.5	.6	.4				.1					1.7	6.1
NW	1.1	.9	.3	.1								2.4	4.5
NNW	1.0	1.1	.3									2.4	4.2
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	38.6	//////
TOTALS	29.9	21.2	9.4	.9			.1					100.0	2.6

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	2.3	2.5	1.0	.3								6.0	5.1
NNE	2.4	2.0	.9									5.3	4.3
NE	1.3	2.3	.8									4.3	4.5
ENE	1.3	2.0	.2									3.5	4.2
E	1.8	1.3	.8									3.9	4.2
ESE	.9	2.2	.3									3.3	4.5
SE	.5	1.0	.3									1.8	4.2
SSE	1.0	1.8	.2									3.0	4.1
S	1.9	1.6	1.3									4.8	4.7
SSW	1.7	2.3	2.7									6.7	5.6
SW	1.3	3.0	4.0	.5	.1							8.9	6.8
WSW	1.2	3.3	5.4	1.0	.1							11.0	7.3
W	3.0	4.2	2.9	1.1	.1							11.3	6.0
WNW	1.3	2.4	1.1	.3								5.1	5.5
NW	.6	2.4	.9	.3								4.2	5.9
NNW	2.4	1.6	2.3	.1								6.3	5.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	10.5	//////
TOTALS	24.8	35.8	24.8	3.7	.3							100.0	4.9

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	2.3	2.8	1.7	.5								7.3	5.5
NNE	1.7	2.0	1.4	.1								5.3	5.1
NE	1.0	1.7	1.1	.1								3.9	5.3
ENE	1.0	1.6	.8									3.3	4.9
E	2.2	2.5	.6									5.3	4.1
ESE	.6	1.1	.9									2.6	5.3
SE	.6	.9	.1									1.6	4.0
SSE	.9	1.5	.2									2.6	4.3
S	1.1	2.3	2.2	.1								5.6	5.9
SSW	1.3	2.7	2.2	.6								6.8	6.2
SW	.5	1.9	3.4	1.7								7.6	8.0
WSW	1.2	2.7	4.7	1.7								10.3	7.8
W	1.8	4.1	5.5	2.5	.1							14.0	7.7
WNW	1.7	2.9	2.0	.6								7.3	6.1
NW	1.2	1.5	2.2	.3								5.2	6.3
NNW	1.3	3.0	1.9	.3								6.6	5.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.8	//////
TOTALS	20.3	35.2	30.9	8.7	.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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 WIND
N	2.3	3.3	3.4	.5								9.6	6.0
NNE	1.7	2.8	.9	.2								5.6	5.0
NE	1.9	1.9	.8	.1								4.7	4.6
ENE	1.3	1.1	.5	.3								3.2	5.0
E	1.4	1.8	.4									3.7	4.3
ESE	1.0	1.4	.4									2.8	4.2
SE	.6	.6	.9									2.2	5.3
SSE	.8	1.5	1.1									3.3	5.4
S	.9	4.0	1.7	.2	.1							6.9	5.7
SSW	1.0	3.0	3.3	.9								8.2	6.8
SW	1.0	2.3	2.6	.5	.1							6.5	7.1
WSW	1.4	2.6	3.7	1.9	.2							9.8	8.0
W	1.8	3.1	4.1	2.5	.1							11.6	7.8
WNW	.9	1.8	2.3	1.0								5.9	7.1
NW	.8	1.9	1.8	.2								4.7	6.1
NNW	1.7	3.8	1.5	.4								7.4	5.5
VARIABLE													
CALM	////////	////	////	////	////	////	////	////	////	////	////	4.0	//////
TOTALS	20.3	37.0	29.4	8.8	.5							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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1800-2300

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	3.2	3.7	1.3	.2								8.4	4.5
NNE	2.0	2.5	.6	.1								5.3	4.4
NE	2.0	2.0	.6	.2								4.9	4.5
ENE	1.6	1.1	.4	.1								3.2	4.2
E	2.3	1.0										3.2	3.2
ESE	1.7	1.3	.1	.1								3.2	3.7
SE	1.2	.6	.2									2.0	3.6
SSE	1.3	2.4	.8	.1								4.5	4.5
S	1.4	6.2	2.5									10.1	5.2
SSW	2.9	3.2	1.3	.1								7.5	4.4
SW	2.7	1.8	1.5	.2								6.2	4.8
WSW	1.9	3.2	2.4	.8	.1							8.4	6.2
W	2.6	3.8	3.1	.8	.1	.1						10.4	6.2
WNW	1.2	1.2	.8	.1								3.2	5.2
NW	.6	1.5	.5	.4								3.1	6.1
NNW	1.2	2.4	1.0	.1								4.6	5.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	11.5	//////
TOTALS	29.9	37.8	17.1	3.3	.2	.1						100.0	4.4

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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 WIND
N	2.3	3.3	3.4	.5								9.6	6.0
NNE	1.7	2.8	.9	.2								5.6	5.0
NE	1.9	1.9	.8	.1								4.7	4.6
ENE	1.3	1.1	.5	.3								3.2	5.0
E	1.4	1.8	.4									3.7	4.3
ESE	1.0	1.4	.4									2.8	4.2
SE	.6	.6	.9									2.2	5.3
SSE	.8	1.5	1.1									3.3	5.4
S	.9	4.0	1.7	.2	.1							6.9	5.7
SSW	1.0	3.0	3.3	.9								8.2	6.8
SW	1.0	2.3	2.6	.5	.1							6.5	7.1
WSW	1.4	2.6	3.7	1.9	.2							9.8	8.0
W	1.8	3.1	4.1	2.5	.1							11.6	7.8
WNW	.9	1.8	2.3	1.0								5.9	7.1
NW	.8	1.9	1.8	.2								4.7	6.1
NNW	1.7	3.8	1.5	.4								7.4	5.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.0	//////
TOTALS	20.3	37.0	29.4	8.8	.5							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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	1.9	.8	.4	.1								3.2	3.7
NNE	1.6	.8	.5									2.9	3.7
NE	2.7	1.3	.2	.1								4.3	3.5
ENE	.8	.5										1.3	3.1
	1.5	.6										2.2	2.7
E	1.9	.3	.1									2.4	2.9
SE	.9	.2	.1									1.2	3.5
SSE	1.5	2.0	.2									3.8	3.7
S	2.4	3.4	.6									6.5	4.1
SSW	3.7	3.3	.2									7.2	3.4
SW	2.9	1.9	.9									5.7	3.9
WSW	2.3	3.0	.1	.2								5.6	4.1
W	2.4	1.9	.3	.1								4.7	3.8
WNW	1.0	.2	.3	.1								1.6	4.9
NW	.9	.6	.1	.1								1.7	4.1
NNW	.4	1.6	.6	.1								2.8	5.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	43.0	//////
TOTALS	28.6	22.7	4.8	.9								100.0	2.2

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	2.3	2.4	1.1	.2								6.1	4.8
NNE	2.1	1.6	.6	.1								4.3	4.1
NE	2.0	1.5	.5	.1								4.1	4.0
ENE	1.2	.9	.3	.1								2.4	4.1
E	1.4	1.0	.2									2.7	3.7
ESE	1.0	.9	.2	.0								2.2	4.0
SE	.9	.6	.3									1.8	3.8
SSE	1.5	1.4	.4	.0								3.4	3.9
S	2.1	3.0	1.1	.1	.0							6.3	4.7
SSW	2.3	2.7	1.6	.2								6.8	5.0
SW	1.9	2.1	2.0	.4	.0							6.4	5.7
WSW	1.5	2.6	2.6	.8	.1							7.6	5.6
W	2.1	2.6	2.5	.9	.1	.0						8.1	6.3
WNW	1.0	1.3	.9	.3			.0					3.4	5.9
NW	.7	1.2	.8	.2								2.9	5.7
NNW	1.1	2.0	1.1	.1								4.3	5.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	27.2	//////
TOTALS	25.1	27.9	16.2	3.4	.1	.0	.0					100.0	3.7

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	3.8	1.8	.4									6.0	3.4
NNE	3.9	1.8	.1									5.8	3.0
NE	2.8	.3	.2									3.3	2.6
ENE	.8	.1										.9	2.4
E	.6	.1										.8	2.6
ESE	.3											.3	2.0
SE	.9	.2										1.1	2.8
SSE	1.5	.3										1.8	2.7
S	2.8	3.3	.2									6.3	3.8
SSW	2.9	2.7	.3									5.9	3.5
SW	2.6	1.9	.6									5.2	3.9
WSW	1.1	1.3	.6									3.0	4.6
W	1.0	1.0	.9	.2								3.0	5.7
WNW	.4	.1	.1	.1								.8	5.9
NW	.4	.1										.5	3.0
NNW	.5	.6	.3									1.5	4.8
VARIABLE													
CALM	//////////											53.8	//////
TOTALS	26.2	15.8	3.9	.3								100.0	1.7

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	3.9	2.0	.6									6.6	3.5
NNE	3.9	.6	.1									4.6	2.5
NE	3.0	.6	.1									3.8	2.7
ENE	.4	.1										.5	2.4
E	.5	.1										.6	2.2
ESE	1.1	.4										1.5	2.9
SE	.9	.2										1.1	2.3
SSE	1.8	.6	.1									2.6	2.8
S	2.9	2.7	.1									5.7	3.3
SSW	3.3	2.9	.3	.1								6.7	3.7
SW	2.2	2.0	.8									4.9	4.4
WSW	1.3	1.0	.9									3.1	4.8
W	.9	.8	.8									2.4	4.8
WNW	.4	.4	.1									1.0	3.9
NW	.3		.1									.4	3.8
NNW	.4	1.1										1.5	3.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	53.0	//////
TOTALS	27.2	15.7	4.0	.1								100.0	1.6

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
MONTH: AUG 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	3.5	2.9	.6	.1								7.2	3.9
NNE	3.8	1.9	.1									5.8	3.0
NE	2.8	1.1	.5									4.4	3.4
ENE	.6	.4										1.1	3.0
E	.4	.5	.1									1.1	4.4
ESE	.9	.4										1.3	3.0
SE	.4	.1										.5	3.4
SSE	2.4	.8	.2									3.3	3.0
S	3.0	2.9	.8									6.7	3.9
SSW	2.5	3.2	1.4	.1								7.2	4.7
SW	2.7	2.6	1.0	.2	.1							6.6	4.8
WSW	2.5	1.7	1.0	.2	.							5.4	4.5
W	1.0	.6	.2									1.8	3.8
WNW	.2	.1	.3									.6	5.5
NW	.2	.1	.3									.6	5.5
NNW	.5	.9		.1								1.5	4.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	44.8	//////
TOTALS	27.4	20.3	6.6	.8	.1							100.0	2.2

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: 745760 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	2.0	3.1	1.9	.1								7.2	5.2
NNE	2.2	2.2	.6	.1								5.1	4.3
NE	1.6	2.4	1.6									5.6	5.1
ENE	2.7	2.3	.8									5.7	3.9
E	1.7	1.8	1.0	.1								4.6	4.7
ESE	1.3	1.3	.3	.1								3.0	4.2
SE	1.0	1.1	.2									2.3	4.0
SSE	1.4	1.3	.1									2.8	3.9
S	2.0	3.1	1.0									6.1	4.6
SSW	2.4	2.3	2.8	1.2								8.6	6.3
SW	1.0	2.8	3.7	1.2								8.6	7.1
WSW	3.3	4.5	3.4	1.2	.1							12.6	6.0
W	1.8	3.7	2.6	.9	.1							9.0	6.2
WNW	1.4	.8	.4	.1								2.7	4.2
NW	.9	.8	.4									2.0	4.4
NNW	1.2	1.0	.3									2.5	3.9
VARIABLE													
CALM	//////////											11.6	//////
TOTALS	27.8	34.2	21.2	4.9	.2							100.0	4.7

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1200-1400

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	1.2	4.9	1.9	.1								8.2	5.3
NNE	2.2	3.0	1.4									6.6	4.8
NE	.8	1.8	1.2	.1								3.9	5.7
ENE	1.3	1.7	1.4									4.4	5.1
E	1.4	2.0	.9									4.3	4.6
ESE	1.0	1.5	.3									2.8	4.3
SE	.5	.8	.6									1.9	5.2
SSE	.4	1.0	.3	.1								1.8	5.4
S	1.7	2.7	1.7	.3								6.5	5.7
SSW	1.9	3.5	3.7	.5								9.7	5.9
SW	1.1	2.5	3.7	1.5	.1							8.8	7.8
WSW	1.3	4.0	4.9	2.4	.2							12.8	7.9
W	1.5	4.0	4.0	1.7								11.2	7.3
WNW	1.6	2.5	1.3	.3								5.7	5.5
NW	1.1	1.3	.6	.1								3.1	4.8
NNW	1.0	2.3	1.0	.1								4.3	5.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.1	//////
TOTALS	19.9	39.5	28.9	7.3	.3							100.0	5.9

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	2.2	4.5	2.5	.2								9.4	5.5
NNE	2.8	3.7	1.7	.1								8.3	4.8
NE	.9	1.7	.5	.3								3.4	5.6
ENE	1.2	2.0	.5									3.8	4.3
E	.6	2.5	1.1									4.2	5.5
ESE	.9	1.2	.3									2.4	4.3
SE	1.1	1.0	.6									2.7	4.4
SSE	1.5	1.1	.8									3.3	4.6
S	1.4	2.9	2.6	.4								7.3	6.1
SSW	1.0	2.0	4.1	.6								7.7	7.3
SW	.9	1.7	2.8	1.5								6.9	7.8
WSW	1.2	3.3	4.1	1.5			.1					10.2	7.6
W	1.9	4.9	4.4	1.0								12.3	6.4
WNW	.9	1.9	1.5	.2	.1							4.6	6.2
NW	.9	1.6	1.3									3.8	5.5
NNW	1.3	2.3	1.9	.1								5.6	5.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	4.2	//////
TOTALS	20.4	38.4	30.8	6.0	.1		.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1800-2300

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

WIND SPEED IN KNOTS

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	4.0	3.3	1.3	.2								8.8	4.4
NNE	2.3	3.5	1.2	.1								7.1	4.8
NE	1.5	3.3	.8									5.6	4.4
ENE	1.5	1.0	.1	.1								2.7	3.7
E	1.7	1.0										2.7	3.1
ESE	1.8	.2	.1									2.2	2.7
SE	1.6	1.0	.2									2.8	3.6
SSE	1.5	1.7	.1									3.3	3.7
S	2.4	3.9	2.3									8.5	5.0
SSW	1.0	3.0	3.0	.2								7.2	6.3
SW	2.0	2.0	.9	.1								5.1	4.2
WSW	2.4	2.5	1.9	.2								7.0	5.1
W	3.3	2.9	1.6	.2								8.1	4.7
WNW	1.7	1.3	.6									3.7	4.1
NW	1.4	1.2	.6	.1								3.3	4.2
NNW	2.6	2.0	.5									5.2	3.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.9	//////
TOTALS	32.7	33.9	15.3	1.3								100.0	3.7

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	2.6	2.5	.6									5.7	4.0
NNE	3.8	2.7	.3	.1								6.9	3.4
NE	1.3	1.6	.2									3.1	3.9
ENE	.4	.1										.5	2.2
E	1.7	.5										2.3	2.7
ESE	1.5	.1										1.6	2.3
SE	1.0	.3										1.3	2.8
SSE	1.9	.9	.1									2.9	3.2
S	3.0	3.0	1.1									7.1	4.3
SSW	2.8	2.8	.9	.1								6.6	4.2
SW	3.2	1.4	.8	.1								5.5	3.8
WSW	2.4	1.2	.3									3.9	3.5
W	.8	.8	.3									1.8	4.1
WNW	.2	.4	.1									.8	4.1
NW	.3	.2	.2									.8	4.9
NNW	1.3	.5		.1								1.9	3.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	47.4	//////
TOTALS	28.2	19.0	4.9	.4								100.0	2.0

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-94
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	2.9	3.1	1.2	.1								7.4	4.5
NNE	3.1	2.4	.7	.1								6.3	3.9
NE	1.8	1.6	.6	.1								4.1	4.2
ENE	1.1	1.0	.3	.0								2.4	4.0
E	1.1	1.1	.4	.0								2.6	4.2
ESE	1.1	.6	.1	.0								1.9	3.5
SE	.9	.6	.2									1.7	3.8
SSE	1.6	1.0	.2	.0								2.7	3.6
S	2.4	3.1	1.2	.1								6.8	4.6
SSW	2.2	2.8	2.1	.4								7.4	5.4
SW	1.9	2.1	1.8	.6	.0							6.4	5.8
WSW	1.9	2.4	2.2	.7	.0		.0					7.2	6.1
W	1.5	2.3	1.8	.5	.0							6.2	6.0
WNW	.9	.9	.6	.1	.0							2.5	5.1
NW	.7	.7	.5	.0								1.8	4.7
NNW	1.1	1.3	.5	.1								3.0	4.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.5	//////
TOTALS	26.2	27.1	14.4	2.6	.1		.0					100.0	3.4

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	2.0	2.3	1.4	.1								5.9	4.9
NNE	2.6	1.7	.3	.1								4.7	3.6
NE	2.3	.4	.2									3.0	3.0
ENE	1.1	.1	.1									1.3	2.7
E	.8	1.0	.1									1.9	4.0
ESE	.8											.8	1.9
SE	.6	.1	.2									.9	4.0
SSE	2.0	1.3	.4									3.8	3.9
S	2.9	2.3	.7									5.9	3.9
SSW	2.8	2.7	.9									6.3	4.0
SW	1.8	2.1	1.1	.3								5.3	5.4
WSW	1.2	1.0	.2									2.4	3.9
W	.7	2.0	.3									3.0	4.4
WNW	.6	1.4	.1									2.1	4.2
NW	.9	.9	.4									2.2	4.8
NNW	.8	.1	.4	.7								2.0	7.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	48.4	//////
TOTALS	23.7	19.6	7.1	1.2								100.0	2.2

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	4.0	3.3	1.3	.2								8.8	4.4
NNE	2.3	3.5	1.2	.1								7.1	4.8
NE	1.5	3.3	.8									5.6	4.4
ENE	1.5	1.0	.1	.1								2.7	3.7
E	1.7	1.0										2.7	3.1
ESE	1.8	.2	.1									2.2	2.7
SE	1.6	1.0	.2									2.8	3.6
SSE	1.5	1.7	.1									3.3	3.7
S	2.4	3.9	2.3									8.5	5.0
SSW	1.0	3.0	3.0	.2								7.2	6.3
SW	2.0	2.0	.9	.1								5.1	4.2
WSW	2.4	2.5	1.9	.2								7.0	5.1
W	3.3	2.9	1.6	.2								8.1	4.7
WNW	1.7	1.3	.6									3.7	4.1
NW	1.4	1.2	.6	.1								3.3	4.2
NNW	2.6	2.0	.5									5.2	3.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.9	//////
TOTALS	32.7	33.9	15.3	1.3								100.0	3.7

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: SEP 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	2.8	3.6	.9	.3								7.6	4.5
NNE	4.1	1.7	.6	.1								6.4	3.5
NE	2.2	.9										3.1	2.8
ENE	1.3	.1										1.4	2.6
E	.8	.8	.1									1.7	3.8
ESE	.4	.1										.6	2.2
SE	.6	.1										.7	2.0
SSE	1.2	.7	.6									2.4	4.4
S	3.0	3.3	.3	.1								6.8	3.9
SSW	1.9	3.3	1.2	.1								6.6	4.8
SW	1.9	2.3	.6	.2								5.0	4.4
WSW	.9	1.4	.7									3.0	4.7
W	.8	1.1	.3	.1								2.3	4.8
WNW	.9	.7	.1									1.7	3.4
NW	.4	1.0	.3	.1								1.9	5.4
NNW	.7	.9	.9	.1								2.6	5.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	46.3	//////
TOTALS	23.9	22.0	6.6	1.2								100.0	2.2

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	2.4	4.3	1.7	.1								8.6	4.8
NNE	3.8	3.0	.4									7.2	3.6
NE	3.1	1.2	.1									4.4	2.9
ENE	1.2	.3										1.6	2.4
E	.3	.8	.1									1.2	4.2
ESE	1.0	.2	.1									1.3	2.7
SE	.8	.2	.1									1.1	2.9
SSE	1.8	1.1	.2									3.1	3.6
S	2.9	3.2	1.0	.1								7.2	4.4
SSW	2.0	3.0	1.4									6.4	5.0
SW	1.8	2.2	2.6	.1								6.7	5.6
WSW	.9	.7	.7	.1								2.3	5.5
W	.7	.7	.2	.1								1.7	4.9
WNW	.8	1.0	1.1									2.9	5.3
NW	.1	.9	.4									1.4	5.6
NNW	.7	.7	.6									1.9	5.4
VARIABLE													
CALM	//////////											40.9	//////
TOTALS	24.2	23.6	10.8	.6								100.0	2.6

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	2.8	3.1	2.1	.1								8.1	5.0
NNE	1.8	3.2	1.4	.4								6.9	5.5
NE	2.0	2.3	1.1	.2								5.7	4.8
ENE	.7	1.0	.3	.1								2.1	4.6
E	1.3	1.0	.4	.1								2.9	4.1
ESE	1.3	1.6	1.0									3.9	4.8
SE	.2	.8	.3									1.3	5.4
SSE	1.7	2.0	.7	.1								4.4	4.5
S	2.1	2.6	1.2	.2								6.1	5.0
SSW	1.8	2.6	2.2	.9	.1							7.6	6.5
SW	1.8	2.8	3.6	2.2	.1							10.4	7.8
WSW	1.1	2.3	4.3	1.7	.1							9.6	8.2
W	2.0	1.6	3.4	.4								7.4	5.1
WNW	1.4	1.3	1.1	.4								4.3	5.5
NW	.7	.9	1.2	.2								3.0	6.2
NNW	1.6	1.7	1.0	.3								4.6	5.3
VARIABLE													
CALM	//////////											11.7	//////
TOTALS	24.2	30.7	25.6	7.6	.3							100.0	5.3

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	2.6	4.0	3.2	.1								9.9	5.6
NNE	1.9	2.0	.9	.6								5.3	5.4
NE	.7	2.0	.7	.1								3.4	5.5
ENE	1.2	1.1	1.2	.1								3.7	5.5
E	1.0	1.8	.8									3.6	4.6
ESE	.7	1.0	1.1									2.8	5.4
SE	.2	.9	.4									1.6	5.5
SSE	.9	1.2	1.2									3.3	5.4
S	1.4	2.4	2.2	.4								6.6	6.0
SSW	1.0	3.1	2.2	1.4	.3							8.1	7.7
SW	1.1	1.8	2.9	3.1	.3	.2						9.4	9.6
WSW	1.0	2.2	4.3	4.0	.4							12.0	9.3
W	1.7	3.9	4.9	2.0	.1							12.6	7.4
WNW	.8	1.7	2.8	.6								5.8	7.2
NW	.9	1.4	1.8	.2								4.3	6.2
NNW	1.4	2.1	1.4									5.0	4.9
VARIABLE													
CALM	//////////											2.7	//////
TOTALS	18.4	32.7	32.1	12.7	1.2	.2						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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	2.0	3.9	2.9	.8								9.6	5.9
NNE	1.6	1.4	.9	.6	.1							4.6	6.0
NE	.7	1.7	.9									3.2	5.2
ENE	.7	1.3	.3	.1								2.4	4.9
E	1.0	1.3	.3									2.7	4.4
ESE	.4	1.3	.7									2.4	5.0
SE	.4	1.1	.4									2.0	5.0
SSE	.8	1.0	1.4									3.2	6.0
S	1.6	3.6	2.4	.9								8.4	6.2
SSW	1.0	2.4	3.9	1.9								9.2	7.7
SW	1.0	2.2	2.2	3.6	.4							9.4	9.4
WSW	1.1	2.2	2.4	2.9	.3							9.0	8.8
W	1.7	3.9	3.3	1.7	.2							10.8	7.1
WNW	.8	1.1	2.1	1.0								5.0	7.6
NW	.9	2.2	1.3	.3								4.8	6.0
NNW	1.4	4.0	2.0	.7								8.1	5.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.1	//////
TOTALS	17.0	34.8	27.7	14.3	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1800-2300

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	4.8	3.7	2.1	.1								10.7	4.5
NNE	1.7	1.9	.8	.2								4.6	4.7
NE	2.2	.9	.3									3.4	3.5
ENE	.9	.4	.2									1.6	3.9
E	2.2	.7	.1									3.0	3.0
ESE	.9	1.0										1.9	3.6
SE	1.0	.7	.3									2.0	3.7
SSE	1.8	2.6	.4	.1								4.9	4.4
S	1.0	5.2	1.2	.1								7.6	5.3
SSW	2.3	4.2	1.7	.2								8.4	5.1
SW	2.0	3.0	1.3	1.4								7.8	6.2
WSW	2.2	2.1	1.3	.2								5.9	5.1
W	2.0	2.6	1.1	.1		.1						5.9	5.0
WNW	1.9	2.1	.2	.1								4.3	4.3
NW	.9	1.9	1.0	.2								4.0	5.3
NNW	2.1	1.9	1.0	.4								5.4	5.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	18.7	//////
TOTALS	29.9	34.8	13.2	3.3		.1						100.0	3.9

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	2.3	2.9	1.6	.7								7.4	5.3
NNE	2.7	2.6	.4									5.7	3.7
NE	1.7	1.7	.4									3.8	3.8
ENE	1.1	.7										1.8	3.0
E	1.0	.4										1.4	2.8
ESE	.7	.3										1.0	3.2
SE	1.0	.9	.2									2.1	4.1
SSE	1.9	1.4	.4									3.8	3.9
S	2.1	2.2	1.1									5.4	4.4
SSW	2.9	3.2	1.0	.3								7.4	4.6
SW	3.1	1.4	1.0	.2								5.8	4.3
WSW	1.2	1.0	.2	.1								2.6	4.3
W	1.2	1.3	.4	.1								3.1	4.6
WNW	.4	.7	.1	.1								1.3	4.6
NW	.4	.6	1.2									2.2	6.5
NNW	.6	1.6	.7	.4								3.2	6.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	41.9	//////
TOTALS	24.3	22.9	8.9	2.0								100.0	2.6

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	2.7	3.5	2.0	.3								8.5	5.1
NNE	2.5	2.2	.7	.2	.0							5.7	4.4
NE	1.9	1.4	.5	.0								3.8	4.0
ENE	1.0	.6	.3	.0								2.0	4.1
E	1.1	1.0	.2	.0								2.3	3.9
ESE	.8	.7	.4									1.8	4.2
SE	.6	.6	.3									1.5	4.3
SSE	1.5	1.4	.7	.0								3.6	4.5
S	2.1	3.1	1.3	.2								6.7	5.0
SSW	2.0	3.1	1.8	.6	.1							7.5	5.8
SW	1.8	2.2	1.9	1.4	.1	.0						7.5	7.0
WSW	1.2	1.6	1.8	1.1	.1							5.8	7.4
W	1.3	2.1	1.8	.6	.0	.0						5.8	6.2
WNW	.9	1.2	1.0	.3								3.4	5.8
NW	.7	1.2	1.0	.1								3.0	5.8
NNW	1.2	1.6	1.0	.3								4.1	5.6
VARIABLE													
CALM	//////////											27.0	//////
TOTALS	23.2	27.6	16.5	5.4	.3	.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 7230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0300-0200

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 55	TOTAL %	MEAN WIND
N	3.9	2.4	1.2	.1	.1							7.6	4.2
NNE	2.8	1.0	.4	.3								4.5	4.0
NE	1.4	1.9	.3									3.7	3.9
ENE	.6	.4	.6									1.7	4.9
E	1.0	.5	.3									1.8	4.2
ESE	.8	.4	.1									1.3	3.5
SE	1.7	.5	.5									2.8	4.1
SSE	2.6	1.7	1.0	.3								5.6	4.8
S	1.0	2.5	1.7	.4								5.6	6.3
SSW	1.5	2.0	1.7	.3								5.6	5.7
SW	.9	1.8	1.7	.4								4.8	6.3
WSW	.8	1.4	1.4	.4		.1						4.1	6.9
W	.9	1.6	1.4	.9								4.7	7.2
WNW	1.0	.8	1.5	.3								3.5	6.3
NW	.9	1.7	.8	.2								3.5	5.5
NNW	.2	1.5	.2									1.9	4.9
VARIABLE													
CALM	//////////											37.1	//////
TOTALS	21.7	22.3	14.9	3.8	.1	.1						100.0	3.3

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	2.8	2.9	1.4	.5								7.6	5.1
NNE	2.8	1.4	.4	.1								4.7	3.7
NE	2.3	1.6	.8									4.6	4.2
ENE	.8	.8	.4	.1								2.0	4.9
E	1.1	.4	.5									2.0	4.5
ESE	.9	.4	.2									1.5	3.6
SE	1.4	1.2	.3									2.9	4.1
SSE	2.4	1.3	.3	.1								4.1	3.8
S	1.5	1.6	1.1	1.1								5.3	6.4
SSW	1.2	2.7	1.7	.4								6.0	6.2
SW	1.0	1.6	1.4	.2								4.2	6.1
WSW	.8	1.8	1.4	.6								4.6	6.6
W	1.0	1.6	2.5	.5	.1							5.7	6.9
WNW	.3	1.0	1.0	.4								2.7	7.2
NW	.5	.6	.2	.3								1.7	5.9
NNW	.8	1.1	.3									2.2	4.6
VARIABLE													
CALM	//											38.1	//////
TOTALS	21.3	22.0	14.0	4.5	.1							100.0	3.3

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	2.8	3.5	1.3	.3								8.0	4.8
NNE	4.1	.9	.9									5.8	3.2
NE	2.9	1.0	.3									4.2	3.4
ENE	.4	1.0	.6									2.0	5.6
E	.4	1.1	.1									1.6	4.0
ESE	.6	.9										1.5	3.1
SE	1.2	1.2	.2	.3								2.9	4.8
SSE	2.5	1.2	.3									4.0	3.5
S	1.9	2.8	1.8	.8								7.3	6.0
SSW	.6	2.0	2.0	.8								5.5	7.1
SW	.5	1.3	1.0	.4								3.2	6.4
WSW	.6	1.8	1.8	.8								5.1	7.1
W	.6	1.3	2.3	.6	.1							4.9	7.6
WNW	.8	1.0	1.7	.2								3.7	6.9
NW	.6	1.2	.4	.1	.1							2.5	5.7
NNW	.5	1.3	1.1									2.9	5.8
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	34.9	//////
TOTALS	21.3	23.3	15.9	4.3	.2							100.0	3.5

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	.6	3.1	1.9	.5								6.2	6.3
NNE	1.2	2.0	1.0	.4								4.6	5.5
NE	.9	2.0	1.1									4.0	5.4
ENE	1.3	1.3	.8	.1								3.4	4.8
E	1.8	1.4	1.5	.1								4.8	5.2
ESE	.9	1.4	.5	.1								2.9	4.9
SE	1.6	1.1	.1	.1								2.9	3.6
SSE	1.7	2.2	1.4	.5								5.8	5.8
S	1.6	2.3	1.9	1.2								7.0	6.6
SSW	1.3	2.0	3.0	2.0	.3							8.7	8.4
SW	1.6	1.8	2.8	1.9								8.2	7.5
WSW	.6	2.3	3.9	2.0	.2							9.0	8.4
W	1.0	1.9	2.6	2.3	.4							8.2	8.8
WNW	.4	1.5	1.3	1.0	.1							4.3	8.1
NW	.5	1.1	2.0	.9		.1						4.6	8.0
NNW	.9	1.2	1.9	.4								4.4	6.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.9	//////
TOTALS	18.0	28.6	27.7	13.7	1.1	.1						100.0	6.2

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	1.0	1.8	3.1	1.0								6.9	7.4
NNE	1.3	1.7	.8	.3	.2							4.3	5.0
NE	.8	1.1	.8									2.6	5.1
ENE	.8	.9	.6	.3								2.6	5.8
E	1.1	1.7	1.4	.1								4.3	5.7
ESE	1.0	2.4	.4									3.8	4.5
SE	.2	1.1	.2									1.5	5.1
SSE	.8	2.7	.5	.8								4.7	6.0
S	1.0	1.8	2.7	1.9								7.4	8.1
SSW	.8	1.6	3.2	2.7	.6							8.9	9.4
SW	.6	1.7	4.2	2.4	.5							9.5	9.4
WSW	.6	2.7	4.2	2.7	.8	.1						11.1	9.4
W	1.2	1.6	4.0	2.5	1.3							10.5	9.7
WNW	.9	1.6	2.6	2.4	.3							7.7	8.9
NW	.5	1.2	1.9	.4								4.1	7.5
NNW	1.0	1.6	2.4	.5								5.5	7.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	4.6	//////
TOTALS	13.3	27.2	33.0	18.0	3.8	.1						100.0	7.6

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: OCT 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	1.8	2.6	3.4	.8								8.6	6.4
NNE	.9	1.3	1.3	.3	.3							4.1	7.0
NE	1.0	.9	.8									2.6	4.7
ENE	.8	2.0	.6									3.4	5.0
E	.9	1.8	1.4									4.1	5.6
ESE	1.2	1.5	.6									3.3	4.6
SE	.8	1.6	.4									2.8	4.8
SSE	.5	1.2	1.2	.5								3.4	6.8
S	.9	2.8	3.2	1.1	.2							8.2	7.4
SSW	1.0	2.6	4.2	1.7	.1							9.6	8.1
SW	.9	1.7	4.1	1.8	.2							8.7	9.5
WSW	1.1	1.9	3.1	1.0	.2							7.3	7.7
W	1.4	1.3	4.2	4.5	.6	.2						12.3	10.0
WNW	.6	1.8	2.6	1.9	.1							7.1	8.4
NW	.4	1.1	2.3	1.2	.2							5.2	8.4
NNW	.4	1.3	2.4	.2	.1							4.4	7.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.9	//////
TOTALS	14.4	27.4	35.8	15.1	2.2	.2						100.0	7.1

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1800-2300

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	3.0	4.3	1.5									8.8	4.5
NNE	1.8	1.4	.3	.5		.1						4.2	5.5
NE	1.1	1.5	.6									3.2	4.6
ENE	1.1	1.0	.2									2.3	3.8
E	1.7	1.0	.2									2.9	3.7
ESE	1.7	1.3	.5									3.5	3.9
SE	1.1	1.8	.5	.2	.1							3.8	5.6
SSE	2.2	3.4	.3	.3								6.2	4.3
S	2.3	3.3	3.1	.5								9.2	6.0
SSW	2.4	2.5	2.3	.5								7.6	5.6
SW	2.3	2.6	1.0	.1								5.9	4.4
WSW	1.5	1.7	1.1	.1								4.4	5.0
W	1.4	1.8	2.3	1.1			.1					6.7	7.4
WNW	1.0	1.8	1.7	.5	.1							5.2	6.7
NW	.8	1.3	.6	.8								3.4	6.9
NNW	.9	2.3	1.1									4.2	5.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	18.4	//////
TOTALS	26.0	33.0	17.4	4.7	.2	.1	.1					100.0	4.3

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	3.1	4.0	1.1	.3								8.5	4.5
NNE	2.2	1.2	.4	.1	.2							4.1	4.7
NE	1.0	1.6	.4	.1								3.1	4.8
ENE	.8	.2	.5									1.5	4.9
E	.8	.8	.4	.1								2.0	5.2
ESE	.9	1.0	.4									2.3	4.4
SE	1.0	.8	.5	.2								2.5	5.2
SSE	.9	2.9	.6	.4								4.8	5.4
S	2.5	2.4	1.9	.6								7.4	5.9
SSW	2.3	2.4	1.4	.6								6.7	5.5
SW	1.2	1.3	1.7	.2								4.4	5.9
WSW	1.1	1.6	1.2	.3								4.2	5.7
W	1.1	1.4	1.3	.5	.1							4.4	6.6
WNW	.5	1.6	1.1	.2	.1							3.5	6.8
NW	.8	1.7	.5	.2	.1							3.3	6.0
NNW	.9	1.7	.5	.2								3.3	5.1
VARIABLE													
CALM	//////////	//////										33.9	//////
TOTALS	20.6	26.5	14.2	4.3	.5							100.0	3.6

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: OCT 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
N	2.4	3.1	1.9	.4	.0							7.8	5.3
NNE	2.1	1.4	.7	.3	.1	.0						4.5	4.8
NE	1.4	1.5	.6	.0								3.5	4.4
ENE	.8	.9	.6	.1								2.4	4.9
E	1.1	1.1	.7	.0								3.0	5.0
ESE	1.0	1.2	.4	.0								2.5	4.2
SE	1.1	1.2	.4	.1	.0							2.8	4.7
SSE	1.7	2.1	.7	.4								4.9	5.0
S	1.6	2.4	2.2	1.0	.0							7.2	6.6
SSW	1.4	2.2	2.4	1.1	.1							7.3	7.2
SW	1.1	1.7	2.2	.9	.1							6.1	7.2
WSW	.9	1.9	2.3	1.0	.1	.0						6.2	7.6
W	1.1	1.6	2.6	1.6	.3	.0	.0					7.2	8.5
WNW	.7	1.4	1.7	.9	.1							4.7	7.7
NW	.6	1.2	1.1	.5	.1	.0						3.5	7.0
NNW	.7	1.5	1.2	.2	.0							3.6	6.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	22.8	//////
TOTALS	19.6	26.3	21.6	8.5	1.0	.1	.0					100.0	4.9

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	1.1	1.3	.3	.1								2.9	4.6
NNE	.6	1.1	.4	.3								2.4	6.1
NE	1.0	.3	.3	.1								1.8	4.8
ENE	.7	.7	.2									1.6	4.4
E	1.0	1.3	1.0									3.3	5.1
ESE	1.6	.4										2.0	2.3
SE	1.1	.8	.4	.1								2.4	4.3
SSE	1.8	.9	.6	.4								3.7	5.1
S	2.3	2.3	1.4	.8	.1							7.0	5.6
SSW	.3	1.7	2.0	.8	.1							4.9	7.8
SW	1.3	2.3	1.7	1.9								7.2	7.6
WSW	1.4	2.2	1.9	1.0	.3							6.9	7.2
W	.2	1.3	4.0	2.2	.4							8.2	9.9
WNW	.6	1.2	2.1	1.0	.2							5.1	8.3
NW	1.2	1.1	1.7	.9								4.9	6.8
NNW	.8	1.4	1.2	.3								3.8	5.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	31.9	//////
TOTALS	17.0	20.6	19.3	10.0	1.2							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	1.7	2.0	1.2									4.9	5.0
NNE	.3	1.3	.2									1.9	4.8
NE	.8	.8	.6									2.1	4.9
ENE	.6	.9	.1									1.6	4.3
E	1.1	.7	.6	.2								2.6	5.2
ESE	.9	.9										1.8	3.3
SE	1.4	1.2	.1									2.8	3.8
SSE	1.2	.8	1.2	.3								3.6	5.1
S	1.8	1.8	.9	.3	.1	.1						5.0	5.9
SSW	1.2	2.4	2.6	1.4	.2	.3						8.2	8.1
SW	.7	1.9	2.1	1.7		.1						6.4	9.1
WSW	.8	1.7	1.3	1.0	.2	.2						5.2	9.4
W	1.0	2.1	3.3	2.3								8.8	8.4
WNW	.4	1.4	2.6	1.1								5.6	8.2
NW	.8	1.3	1.6	.6								4.2	6.9
NNW	.8	.8	1.0	.3								2.9	6.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	32.6	//////
TOTALS	15.4	22.0	19.3	9.3	.6	.8						100.0	4.6

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: NOV 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	1.9	1.2	.6	.2								3.9	4.5
NNE	.7	1.1	.2	.2								2.2	5.1
NE	1.0	1.6	.7									3.2	4.6
ENE	1.0	.9	.2									2.1	4.1
E	1.4	.7	.2									2.3	3.5
ESE	1.3	.3		.2	.1							2.0	4.6
SE	.8	.9	.4	.1								2.2	4.6
SSE	2.9	1.6	.8	.4	.1							5.8	4.8
S	1.9	3.0	1.7	.6	.2	.1						7.4	6.3
SSW	1.3	2.1	2.7	1.6	.2	.3						8.2	8.4
SW	.8	2.2	1.7	1.3								6.0	7.5
WSW	1.0	1.1	1.6	.9	.2	.1						4.9	8.3
W	1.2	2.1	2.4	2.2	.3	.1						8.4	8.7
WNW	.6	1.3	2.3	1.1								5.3	7.9
NW	.6	1.6	.6	.3								3.0	6.3
NNW	.8	1.8	1.6	.4								4.6	6.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.3	//////
TOTALS	19.1	23.4	17.6	9.7	1.2	.7						100.0	4.7

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	1.2	2.3	2.3	.2								6.1	6.0
NNE	.9	1.4	.9									3.2	5.0
NE	.2	1.0	1.2									2.4	5.9
ENE	.4	1.2	.6	.1								2.3	6.0
E	.4	.9	.6									1.9	5.2
ESE	.4	.9	.8		.1							2.2	6.3
SE	.9	.9		.2	.1							2.1	5.1
SSE	2.1	1.4	1.1	.8	.1							5.6	6.0
S	2.4	4.0	3.8	.4	.1							10.8	6.0
SSW	1.2	2.2	3.8	1.8	.4	.1						9.6	8.3
SW	1.1	1.6	2.7	2.8	.6							8.7	9.3
WSW	.9	1.7	2.2	2.6	.1							7.4	9.2
W	1.1	1.8	3.3	2.7	.7	.2						9.8	10.0
WNW	.4	1.3	2.3	2.2	.1							6.4	9.3
NW	.9	.7	1.4	.6								3.6	6.8
NNW	.7	1.9	1.7	.4	.1							4.8	6.7
VARIABLE													
CALM	////	////	////	////	////	////	////	////	////	////	////	13.1	//////
TOTALS	15.4	25.2	28.7	14.8	2.4	.3						100.0	6.6

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	1.1	1.6	2.2	.1								5.0	5.8
NNE	.4	1.0	.8									2.2	5.8
NE	.2	.2	1.2	.2								1.9	7.8
ENE	.8	.7	.7	.1								2.2	5.5
E	.4	.4	1.6	.2								2.7	7.0
ESE	.7	.4	.6									1.7	4.7
SE	.7	1.1	.6	.1								2.4	5.1
SSE	1.1	1.9	1.0	.4								4.4	6.1
S	1.0	2.2	3.3	.8	.4	.1						7.9	8.0
SSW	.6	2.6	4.8	3.6	.4							12.1	9.2
SW	.7	3.0	3.2	3.9	.7							11.4	9.5
WSW	.8	2.0	3.4	3.8	.4							10.4	9.5
W	1.4	3.4	3.1	5.3	1.4	.1						14.9	10.1
WNW	.4	1.2	2.2	1.3	.3	.1						5.7	9.6
NW	.3	1.4	2.4	1.6								5.8	8.7
NNW	.3	1.6	2.4	1.1								5.4	8.1
VARIABLE													
CALM	//////////											3.8	//////
TOTALS	11.0	25.0	33.6	22.6	3.8	.3						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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: NOV 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	1.3	1.8	1.7	.2								5.0	5.8
NNE	.6	1.4	1.0	.1								3.1	5.8
NE	.6	.8	.4	.3								2.1	6.1
ENE	.3	1.1	1.0									2.4	6.1
E	.4	1.0	1.0	.1								2.6	6.0
ESE	.6	.9	.2									1.7	4.5
SE	.4	1.2	.2	.1								2.0	4.8
SSE	.3	2.2	1.1	.1								3.8	6.2
S	1.0	3.1	3.6	.9	.3	.1						9.0	7.5
SSW	1.3	3.2	4.1	2.1								10.8	7.5
SW	1.1	3.6	3.7	2.3	.8							11.4	9.5
WSW	2.0	1.1	2.4	2.9	.4	.3						9.2	9.1
W	.9	2.8	3.3	5.6	.8							13.3	10.0
WNW	.9	1.9	2.8	2.6	.2							8.3	9.8
NW	.3	1.6	2.0	1.0								4.9	9.0
NNW	.9	2.3	2.8	.3								6.3	6.6
VARIABLE													
CALM	//////////											4.0	//////
TOTALS	13.0	30.0	31.3	18.7	2.6	.4						100.0	7.5

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1800-2300

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	1.4	.4	.7								4.6	5.1
NNE	.9	1.6	1.2	.1								3.8	5.3
NE	.9	.8	.2	.3								2.2	5.4
ENE	.6	.7	.3									1.6	4.6
E	1.0	.8	1.1	.1								3.0	5.7
ESE	1.0	.9	.3									2.2	4.3
SE	.9	1.1	.3									2.3	4.5
SSE	1.3	1.3	1.4	.1								4.2	5.2
S	1.9	3.8	1.9	.9	.1							8.6	6.2
SSW	2.3	3.6	2.6	1.0								9.4	6.1
SW	2.2	2.7	1.2	1.0	.3							7.4	6.4
WSW	1.0	1.3	2.1	.9	.2	.1						5.7	8.3
W	1.1	2.0	3.1	1.8	.9							8.9	9.1
WNW	.8	2.0	2.3	.8	.2							6.1	7.5
NW	1.3	2.2	.7	1.6								5.8	7.0
NNW	.3	1.8	1.4	.3								3.9	6.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.3	//////
TOTALS	19.6	27.9	20.8	9.6	1.8	.1						100.0	5.2

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	1.7	1.0	1.0	.1								3.8	4.9
NNE	.7	.7	.4	.3								2.1	5.2
NE	1.1	1.2	.4	.2								3.0	4.9
ENE	.4	.7	.2									1.3	4.3
E	.4	.9	.9	.2								2.4	6.5
ESE	.7	.6	.6	.1								1.9	5.6
SE	1.1	1.4	.2									2.8	4.0
SSE	1.7	1.1	1.1	.2								4.1	5.2
S	1.9	1.9	2.7	.7								7.1	6.3
SSW	1.4	2.0	2.0	1.1	.1							6.7	7.2
SW	.8	2.1	1.2	1.2								5.3	7.3
WSW	1.6	.9	1.9	1.1	.4							5.9	7.8
W	.7	2.2	2.8	2.1	.7	.4						8.9	9.8
WNW	.1	1.8	2.1	1.6	.1							5.7	8.7
NW	1.1	1.3	1.2	.8								4.4	6.6
NNW	1.0	1.4	1.9	.2								4.6	6.3
VARIABLE													
CALM	//////////											30.0	//////
TOTALS	16.3	21.2	20.7	10.0	1.3	.4						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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: NOV 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	1.5	1.6	1.2	.2								4.5	5.3
NNE	.6	1.2	.7	.1								2.6	5.5
NE	.7	.8	.6	.2								2.3	5.4
ENE	.6	.8	.4	.0								1.9	5.1
E	.8	.8	.9	.1								2.6	5.5
ESE	.9	.7	.3	.0	.0							1.9	4.5
SE	.9	1.1	.3	.1	.0							2.4	4.5
SSE	1.6	1.4	1.0	.4	.0							4.4	5.5
S	1.8	2.8	2.4	.7	.2	.1						7.8	6.5
SSW	1.2	2.5	3.1	1.7	.2	.1						8.7	7.9
SW	1.1	2.4	2.2	2.0	.3	.0						8.0	8.2
WSW	1.2	1.5	2.1	1.8	.3	.1						7.0	8.6
W	1.0	2.2	3.2	3.0	.7	.1						10.2	9.6
WNW	.5	1.5	2.3	1.5	.2	.0						6.0	9.6
NW	.8	1.4	1.4	.9								4.6	7.2
NNW	.7	1.6	1.7	.4	.0							4.5	6.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.5	//////
TOTALS	15.9	24.4	23.9	13.1	1.9	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 7230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	1.1	1.4	.9	.1							4.1	7.7
NNE	.8	1.0	.5	.1								2.4	5.4
NE	.9	.5	.6	.1								2.2	5.2
ENE	.3	.4	.3									1.1	4.8
E	.5	1.9	1.7	.1								4.3	6.2
ESE	.5	1.0	.3	.1								1.9	5.0
SE	.9	1.2	.2	.1								2.4	4.4
SSE	1.8	2.3	1.2	.2								5.5	4.8
S	2.3	3.1	2.8	.8	.1							9.0	5.9
SSW	1.6	3.3	3.0	2.3	.4							10.6	7.7
SW	1.2	1.6	1.5	2.4	.3							7.0	8.6
WSW	1.0	1.5	1.9	1.7								6.1	7.9
W	1.4	2.3	2.2	2.3	.5	.1						8.7	8.8
WNW	1.4	1.8	3.8	2.7	.4							10.1	9.7
NW	.3	.9	1.4	1.2	.2							4.0	9.3
NNW	.6	1.0	1.2	.5								3.3	7.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	17.3	//////
TOTALS	16.1	24.8	24.1	15.4	2.2	.1						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: 745703 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	1.0	1.7	1.0	.8								4.4	6.3
NNE	.6	1.0	.4									2.0	4.6
NE	.5	1.1	.3									1.9	5.0
ENE	.6	.1	.1	.1								1.0	4.1
E	1.2	1.5	.4	.3								3.4	5.3
ESE	1.1	.5	.3	.1								2.0	4.6
SE	1.1	.8										1.8	3.6
SSE	2.4	2.4	.5									5.3	3.9
S	2.5	4.2	2.3	.6	.1							9.7	5.6
SSW	1.5	3.3	3.4	2.2	.1							10.5	7.7
SW	1.4	1.9	3.0	1.9	.3	.1						8.7	8.4
WSW	.9	1.0	1.9	1.1	.1							4.9	8.2
W	1.2	2.5	2.8	2.4	.6	.1						9.6	9.1
WNW	1.1	1.4	4.0	2.3	.1	.3						9.1	9.1
NW	.4	.9	2.5	.8								4.5	7.9
NNW	.8	1.2	.8	.4								3.1	6.2
VARIABLE													
CALM	//////////											17.8	//////
TOTALS	18.2	25.4	23.8	12.9	1.4	.5						100.0	5.8

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	1.2	1.5	1.1	.9								4.6	6.3
NNE	.6	.5	.3									1.5	4.3
NE	.6	1.3	.4									2.4	4.7
ENE	.8	.8	.3	.2								2.0	5.6
E	.9	.9	.6									2.4	4.6
ESE	.5	.3	.5									1.4	4.9
SE	.5	1.3	.5									2.4	4.5
SSE	2.2	1.9	.2									4.3	3.7
S	2.5	2.8	1.7	.5	.1							7.6	5.6
SSW	1.6	4.2	7.2	2.2	.1							15.3	7.5
SW	1.0	3.0	2.5	1.7	.1							8.3	7.6
WSW	.9	1.6	1.9	1.3		.1						5.8	8.2
W	1.2	3.0	3.8	2.5	.4							10.9	8.5
WNW	.8	1.3	2.0	2.0	.3	.1						6.6	9.5
NW	.3	1.9	1.9	.4								4.6	6.9
NNW	.4	1.3	1.1									2.8	5.8
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	17.1	//////
TOTALS	15.9	27.7	26.3	11.7	1.1	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	1.8	2.2	.5								5.7	6.6
NNE	.8	1.0	.3	.3								2.4	5.7
NE	.8	1.2	.9									2.8	5.2
ENE	.2	.5	.4									1.2	5.7
E	1.2	.9	1.1									3.1	5.5
ESE	.6	.6	.3									1.6	4.6
SE	.9	1.0	.9									2.7	5.1
SSE	.8	1.8	1.3	.4								4.3	6.1
S	1.6	1.7	3.2	1.0								7.5	6.8
SSW	1.0	3.2	5.7	2.8	.6							13.3	8.8
SW	.8	1.5	3.4	3.3	.6	.1	.1					9.9	10.0
WSW	.4	1.3	3.8	2.2	.4							8.1	9.4
W	1.0	2.3	4.6	4.2	1.0	.2						13.2	10.1
WNW	.5	1.0	2.4	2.0	.4	.1						6.5	10.1
NW	.3	1.4	1.0	1.1								3.6	8.0
NNW	1.2	1.3	1.2	.8								4.4	6.9
VARIABLE													
CALM	//////////											9.6	//////
TOTALS	13.1	22.5	32.6	18.6	3.1	.4	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	.8	1.6	2.6	1.0	.1	.2						6.2	8.4
NNE	.1	.4	.9	.1								1.5	7.4
NE	.2	1.2	.6	.1								2.2	6.1
ENE	.5	1.1	.1									1.7	4.4
E	.8	.6	.9									2.3	5.9
ESE	.3	.9	.3	.2								1.7	6.0
SE	.4	.9	.5	.2								2.0	6.4
SSE	.3	2.0	1.9	.1								4.4	5.6
S	1.4	1.7	3.0	2.0								8.2	7.5
SSW	.4	2.2	4.2	3.9	.9	.1						11.6	10.1
SW	.6	1.4	4.6	5.3	1.7							13.7	11.2
WSW	.4	1.7	4.7	4.0	.5	.2						11.6	10.6
W	.6	1.9	4.3	3.5	1.4	.6						12.5	11.2
WNW	.3	1.0	2.6	2.6	.6	.3	.1					7.5	11.5
NW	.2	.4	1.6	1.0	.1	.2						3.5	10.1
NNW	.5	1.6	2.4	1.3								5.8	7.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.5	//////
TOTALS	8.1	20.6	35.3	25.3	5.4	1.7	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIREC...
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	.5	1.6	1.3	.8	.1	.2						4.5	8.3
NNE	1.0	.5	.8	.5								2.8	6.7
NE	.4	.9	.6									1.9	5.5
ENE	.8	1.2	.5									2.5	4.9
E	1.2	1.5	.8	.1								3.5	5.2
ESE	.2	1.0	.3	.3								1.8	6.5
SE	.6	.8	.2	.2								1.8	5.5
SSE	.8	1.5	1.5									3.8	6.0
S	1.1	2.2	4.7	1.2	.1							9.2	7.3
SSW	.5	2.4	4.3	3.4	.3							11.0	9.4
SW	.8	2.2	3.1	4.2	.6	.2		.1				11.2	10.5
WSW	1.0	2.8	3.1	2.3		.1	.1					9.4	8.3
W	.6	2.0	4.3	4.9	.3	.2						12.5	10.4
WNW	.1	2.0	1.8	3.9	.6							8.5	10.7
NW	.6	1.5	2.2	.9								5.2	7.5
NNW	.9	2.0	1.5	1.2								5.6	7.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.8	//////
TOTALS	11.1	26.0	31.1	23.9	2.2	.8	.1	.1				100.0	8.1

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1800-2300

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	1.6	1.4	1.3	1.1	.1							5.5	6.9
NNE	.3	.4	.6	.3								1.7	5.9
NE	.8	1.3	.9	.1								3.0	5.4
ENE	1.3	.9	.8									2.9	4.3
E	1.1	1.2	1.3									3.5	5.2
ESE	1.1	1.3	.1									2.5	4.0
SE	.8	.8	.4	.2								2.2	5.4
SSE	1.9	2.4	1.0	.2								5.5	4.9
S	1.4	3.9	3.3	.8	.1							9.5	6.5
SSW	1.5	2.5	2.7	1.5	.3							8.5	7.6
SW	1.4	2.6	1.3	2.0	.2							7.5	7.8
WSW	1.0	1.8	2.6	1.6	.1							7.1	8.0
W	1.6	2.8	2.9	2.6	.5	.2						10.6	8.6
WNW	1.2	2.3	2.0	2.6	.3	.1						8.5	9.1
NW	.5	1.6	1.6	.3	.4	.3						4.8	8.9
NNW	.6	1.5	.8	.6								3.5	6.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	13.[illegible]	//////
TOTALS	18.1	28.5	23.5	14.0	2.2	.6						100.0	6.2

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	1.1	1.2	1.6	.8								4.6	6.9
NNE	.5	.6	.4									1.6	4.9
NE	.3	1.3	.6	.3								2.6	6.4
ENE	.6	.5	.8	.1								2.0	5.8
E	1.2	1.1	1.6	.2								4.1	5.7
ESE	1.1	1.0	.8									2.8	4.7
SE	.6	.6	.6									1.9	4.7
SSE	1.7	1.3	.8									3.8	4.3
S	1.7	4.4	3.1	.3	.1							9.7	6.1
SSW	1.8	3.8	3.4	1.8	.2	.1	.1					11.3	7.7
SW	1.5	1.7	2.4	1.6	.5	.1						7.8	8.5
WSW	.8	1.7	1.6	.9	.3							5.3	7.6
W	1.6	3.2	3.2	1.6	.3	.1						10.1	7.6
WNW	1.0	1.3	3.3	2.3	.6	.1						8.6	10.0
NW	1.1	1.0	1.6	1.2	.1	.1						5.1	8.2
NNW	.5	.4	1.3	.6	.2							3.1	8.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	15.6	//////
TOTALS	17.2	25.2	27.2	11.7	2.5	.5	.1					100.0	6.1

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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	1.0	1.5	1.5	.8	.1	.1						5.0	7.2
NNE	.6	.7	.5	.2								2.0	5.7
NE	.6	1.1	.6	.1								2.4	5.4
ENE	.6	.7	.4	.1								1.8	5.0
E	1.0	1.2	1.0	.1								3.3	5.5
ESE	.7	.8	.4	.1								2.0	5.0
SE	.7	.9	.4	.1								2.2	4.9
SSE	1.5	1.9	1.0	.1								4.6	5.0
S	1.8	3.0	3.0	.9	.1							8.8	6.4
SSW	1.3	3.1	4.2	2.5	.4	.0	.0					11.5	8.3
SW	1.1	2.0	2.7	2.8	.6	.1	.0	.0				9.3	9.3
WSW	.8	1.7	2.7	1.9	.2	.1	.0					7.3	8.7
W	1.2	2.5	3.5	3.0	.6	.2						11.0	9.4
WNW	.8	1.5	2.7	2.5	.4	.1	.0					8.2	9.8
NW	.5	1.2	1.7	.8	.1	.1						4.4	8.3
NNW	.7	1.3	1.3	.7	.0							4.0	7.1
VARIABLE													
CALM	//////////											12.4	//////
TOTALS	14.7	25.1	28.0	16.7	2.5	.6	.1	.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-85
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	1.8	2.5	1.7	.5	.1	.0						6.6	5.8
NNE	1.4	1.5	.9	.3	.0	.0						4.1	5.3
NE	1.2	1.3	.7	.2	.0	.0						3.4	5.3
ENE	.8	.9	.6	.1	.0	.0						2.5	5.3
E	1.1	1.2	.8	.2	.0							3.3	5.3
ESE	.8	.9	.5	.1	.0							2.4	4.9
SE	.8	.8	.4	.1	.0							2.1	4.8
SSE	1.3	1.4	.7	.2	.0	.0						3.7	5.1
S	1.6	2.6	1.9	.6	.1	.0	.0					6.8	6.2
SSW	1.5	2.4	2.3	1.2	.2	.0	.0	.0				7.7	7.3
SW	1.4	1.9	2.0	1.5	.2	.1	.0	.0				7.0	7.8
WSW	1.1	2.0	2.3	1.4	.2	.1	.0	.0				7.2	8.1
W	1.2	2.2	2.9	2.1	.5	.1	.0	.0				8.9	8.8
WNW	.7	1.3	1.7	1.2	.2	.0	.0					5.2	8.4
NW	.6	1.2	1.4	.6	.1	.0	.0					4.0	7.4
NNW	.9	1.6	1.4	.4	.0	.0						4.5	6.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.6	//////
TOTALS	18.3	25.9	22.4	10.7	1.6	.4	.0	.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 87662

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-95
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILTIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILTIES 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	GE 56	TOTAL %	MEAN WIND
N	1.4	3.1	2.8	1.1	.2	.0						8.6	7.1
NNE	1.2	1.8	1.4	.8	.1	.0						5.3	6.9
NE	1.1	1.4	1.3	.6	.0	.0						4.5	6.5
ENE	.8	1.0	1.0	.3	.0	.0						3.3	6.4
E	1.2	1.5	1.4	.2								4.4	5.7
ESE	1.0	1.1	.7	.1	.0							2.8	5.1
SE	.7	.9	.6	.2	.0							2.4	5.5
SSE	1.2	1.2	.9	.3								3.6	5.5
S	1.4	2.4	1.9	.6	.0	.0						6.3	6.2
SSW	1.3	2.1	2.3	.8	.1							6.6	6.8
SW	.9	1.6	1.8	1.0	.1	.0						5.5	7.4
WSW	.8	1.8	2.1	1.1	.2	.1	.0					6.2	8.2
W	1.0	2.1	2.9	2.3	.6	.2	.0					9.2	9.4
WNW	.8	1.2	1.7	1.1	.1	.0	.0					5.0	8.3
NW	.5	1.3	1.5	.8	.1	.0						4.2	8.0
NNW	.7	1.9	2.0	.9	.0	.0						5.6	7.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.6	//////
TOTALS	16.1	26.4	26.2	12.4	1.7	.5	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 11796

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the $\geq$10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	23.7	27.1	27.8	28.4	29.0	29.5	29.8	29.8	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1
GE 20000	25.2	28.7	29.5	30.3	30.6	31.1	31.5	31.5	31.5	31.6	31.6	31.6	31.7	31.7	31.8	31.8
GE 18000	25.2	28.7	29.5	30.3	30.6	31.1	31.5	31.5	31.5	31.6	31.6	31.6	31.7	31.7	31.8	31.8
GE 16000	25.2	28.7	29.5	30.3	30.6	31.1	31.5	31.5	31.5	31.6	31.6	31.6	31.7	31.7	31.8	31.8
GE 14000	25.2	28.7	29.5	30.3	30.6	31.1	31.5	31.5	31.5	31.6	31.6	31.6	31.7	31.7	31.8	31.8
GE 12000	26.2	29.9	30.6	31.2	31.8	32.3	32.8	32.8	32.8	33.0	33.0	33.0	33.1	33.1	33.2	33.2
GE 10000	27.7	31.6	32.4	32.9	33.5	34.0	34.5	34.5	34.5	34.7	34.7	34.7	34.8	34.8	34.9	34.9
GE 9000	28.0	31.9	32.7	33.2	34.0	34.4	34.9	34.9	34.9	35.2	35.2	35.2	35.3	35.3	35.4	35.4
GE 8000	31.1	35.2	36.0	37.0	37.8	38.3	38.8	38.8	38.8	39.0	39.0	39.0	39.1	39.1	39.2	39.2
GE 7000	31.8	36.1	37.0	38.3	38.8	39.2	39.8	39.8	39.8	40.0	40.0	40.0	40.1	40.1	40.2	40.2
GE 6000	32.2	36.6	37.4	38.4	39.2	39.7	40.2	40.2	40.2	40.4	40.4	40.4	40.5	40.5	40.6	40.6
GE 5000	34.6	39.6	40.5	41.5	42.4	42.8	43.3	43.3	43.3	43.5	43.5	43.5	43.7	43.7	43.8	43.8
GE 4500	36.3	42.3	43.2	44.2	45.2	45.6	46.1	46.1	46.1	46.3	46.3	46.3	46.5	46.5	46.6	46.6
GE 4000	37.1	43.3	44.5	45.5	46.5	46.9	47.4	47.4	47.4	47.6	47.6	47.6	47.7	47.7	47.8	47.8
GE 3500	39.0	46.3	48.1	49.3	50.1	50.5	51.1	51.1	51.1	51.3	51.3	51.3	51.4	51.4	51.5	51.5
GE 3000	41.4	49.6	51.4	52.7	54.4	55.2	55.7	55.7	55.7	55.9	55.9	55.9	56.0	56.0	56.1	56.1
GE 2500	44.2	54.4	56.6	58.3	60.2	61.1	61.8	62.2	62.2	62.4	62.4	62.4	62.5	62.5	62.6	62.6
GE 2000	46.8	57.7	60.0	61.4	64.1	65.4	66.8	67.1	67.1	67.4	67.5	67.5	67.6	67.6	67.7	67.7
GE 1800	48.3	59.8	62.0	63.4	66.1	67.5	68.9	69.2	69.2	69.6	69.7	69.7	69.8	69.8	69.9	69.9
GE 1500	50.8	64.3	67.2	68.6	71.8	73.3	74.8	75.3	75.3	76.0	76.1	76.1	76.2	76.2	76.3	76.3
GE 1200	51.9	68.1	71.4	73.3	77.3	78.8	80.5	81.3	81.4	82.2	82.3	82.3	82.4	82.4	82.5	82.5
GE 1000	51.9	69.0	72.7	74.8	79.6	81.2	83.0	83.9	84.0	84.9	85.5	85.5	85.6	85.6	85.7	85.7
GE 900	52.0	69.6	73.4	75.7	80.9	82.5	84.3	85.2	85.3	86.2	86.8	86.8	86.9	86.9	87.0	87.0
GE 800	52.0	70.3	74.4	77.3	83.1	84.8	87.2	88.4	88.7	90.0	90.5	90.5	90.6	90.6	90.8	90.8
GE 700	52.0	70.4	74.7	77.5	84.4	86.2	88.7	90.1	90.4	91.7	92.4	92.4	92.5	92.5	92.6	92.6
GE 600	52.0	70.8	75.4	78.5	85.5	87.3	89.8	91.3	91.6	92.9	93.5	93.5	93.7	93.7	93.8	93.8
GE 500	52.0	71.1	75.9	79.3	86.1	88.0	90.6	92.3	92.8	94.5	95.3	95.3	95.5	95.5	95.6	95.6
GE 400	52.0	71.1	75.9	79.3	86.3	88.3	91.2	93.0	93.5	95.6	96.5	96.6	96.8	96.8	96.9	96.9
GE 300	52.0	71.1	75.9	79.3	86.3	88.3	91.2	93.2	93.8	95.8	97.2	97.3	97.5	97.5	97.6	97.7
GE 200	52.0	71.1	75.9	79.3	86.3	88.3	91.2	93.4	94.4	96.5	98.1	98.2	98.6	98.6	98.7	98.8
GE 100	52.0	71.1	75.9	79.3	86.3	88.3	91.2	93.4	94.4	96.5	98.1	98.2	98.6	98.7	98.8	99.1
GE 0	52.0	71.1	75.9	79.3	86.3	88.3	91.2	93.4	94.4	96.6	98.2	98.3	98.7	98.8	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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 5/16	GE 1/4	GE 0
NO CEIL	22.0	25.1	25.8	26.3	26.6	27.2	27.4	27.6	27.6	27.6	27.6	27.6	27.8	27.8	28.0	28.2
GE 20000	22.7	26.1	27.0	27.3	27.8	28.5	28.7	28.9	28.9	28.9	28.9	28.9	29.1	29.1	29.2	29.5
GE 18000	22.7	26.1	27.0	27.3	27.8	28.5	28.7	28.9	28.9	28.9	28.9	28.9	29.1	29.1	29.2	29.5
GE 16000	22.7	26.1	27.0	27.3	27.8	28.5	28.7	28.9	28.9	28.9	28.9	28.9	29.1	29.1	29.2	29.5
GE 14000	22.8	26.2	27.2	27.5	28.1	28.7	28.9	29.1	29.1	29.1	29.1	29.1	29.4	29.4	29.5	29.7
GE 12000	23.2	26.7	27.6	28.0	28.5	29.1	29.4	29.6	29.6	29.6	29.6	29.6	29.8	29.8	29.9	30.1
GE 10000	24.2	28.5	29.5	29.8	30.3	31.0	31.2	31.4	31.4	31.4	31.4	31.4	31.6	31.6	31.7	31.9
GE 9000	24.3	28.8	29.8	30.1	30.6	31.3	31.5	31.7	31.7	31.7	31.7	31.7	31.9	31.9	32.0	32.3
GE 8000	28.5	33.0	34.0	34.4	35.1	35.7	35.9	36.1	36.1	36.1	36.1	36.1	36.3	36.3	36.5	36.7
GE 7000	29.6	34.4	35.4	35.8	36.5	37.1	37.3	37.5	37.5	37.5	37.5	37.5	37.7	37.7	37.8	38.2
GE 6000	29.9	34.8	35.8	36.2	37.3	38.0	38.2	38.4	38.4	38.4	38.4	38.4	38.6	38.6	38.7	39.0
GE 5000	31.6	36.7	37.8	38.3	39.5	40.1	40.3	40.5	40.5	40.5	40.5	40.5	40.8	40.8	40.9	41.2
GE 4500	32.9	38.4	39.8	40.3	41.5	42.2	42.4	42.6	42.6	42.6	42.6	42.6	42.8	42.8	42.9	43.2
GE 4000	34.7	40.2	41.6	42.5	43.4	44.2	44.4	44.6	44.6	44.6	44.6	44.6	44.8	44.8	44.9	45.3
GE 3500	35.7	41.9	43.5	44.5	45.6	46.3	46.6	47.0	47.0	47.0	47.1	47.1	47.3	47.3	47.4	47.7
GE 3000	37.8	45.3	47.3	48.7	50.2	51.0	51.3	51.7	51.7	51.8	51.9	51.9	52.2	52.2	52.3	52.6
GE 2500	39.9	49.2	52.2	54.1	56.3	57.1	57.4	58.0	58.0	58.1	58.2	58.2	58.4	58.4	58.5	58.8
GE 2000	43.0	54.1	57.2	59.5	62.2	62.9	63.2	64.1	64.1	64.2	64.3	64.3	64.5	64.5	64.6	64.9
GE 1800	43.5	55.4	58.6	61.2	64.2	65.1	65.4	66.2	66.3	66.6	66.7	66.7	66.9	66.9	67.0	67.3
GE 1500	46.3	60.6	64.0	66.9	70.4	71.8	72.3	73.1	73.2	73.5	73.7	73.7	73.9	73.9	74.0	74.3
GE 1200	47.7	64.1	68.2	71.3	75.3	76.8	77.4	78.5	78.7	79.1	79.2	79.2	79.5	79.5	79.6	79.9
GE 1000	48.2	67.1	71.3	74.4	78.8	80.4	81.1	82.3	82.6	83.3	83.5	83.5	83.8	83.8	83.9	84.2
GE 900	48.3	68.1	72.6	76.0	80.6	82.3	82.9	84.1	84.4	85.3	85.5	85.5	85.7	85.7	85.8	86.1
GE 800	48.3	68.7	73.5	77.1	82.2	83.9	85.2	86.8	87.3	88.4	88.6	88.6	88.8	88.8	88.9	89.2
GE 700	48.3	68.9	74.1	77.5	82.9	84.6	86.1	88.4	89.1	90.8	91.1	91.1	91.3	91.3	91.4	91.8
GE 600	48.3	69.5	74.8	78.6	84.3	86.0	87.7	90.1	90.9	92.7	93.0	93.0	93.2	93.2	93.3	93.8
GE 500	48.3	69.6	74.9	78.8	84.8	86.7	88.8	91.4	92.3	94.2	94.7	94.7	94.9	94.9	95.1	95.5
GE 400	48.3	69.6	74.9	78.8	84.9	86.8	89.2	91.9	92.8	94.9	95.5	95.5	95.8	95.8	95.9	96.3
GE 300	48.3	69.8	75.2	79.3	85.2	87.0	89.5	92.5	93.3	95.6	96.5	96.5	96.9	96.9	97.0	97.6
GE 200	48.3	69.8	75.2	79.3	85.2	87.0	89.5	92.5	93.4	95.7	96.7	96.7	97.3	97.3	97.4	98.2
GE 100	48.3	69.8	75.2	79.3	85.2	87.0	89.6	92.8	93.8	96.1	97.1	97.1	97.8	98.0	98.6	99.5
GE 0	48.3	69.8	75.2	79.3	85.2	87.0	89.6	92.8	93.8	96.1	97.1	97.1	97.8	98.0	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.8	25.3	26.1	26.7	27.7	28.4	28.7	28.8	28.8	28.8	28.9	28.9	28.9	28.9	28.9	29.0
GE 20000	21.9	27.0	28.2	28.3	30.0	30.8	31.1	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.4
GE 18000	21.9	27.0	28.2	28.3	30.0	30.9	31.2	31.3	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.5
GE 16000	21.9	27.0	28.2	28.3	30.0	30.9	31.2	31.3	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.5
GE 14000	22.0	27.3	28.5	29.1	30.3	31.2	31.5	31.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.8
GE 12000	22.0	27.4	28.6	29.2	30.4	31.3	31.6	31.7	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.9
GE 10000	24.0	29.8	31.0	31.8	33.0	33.9	34.2	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.5
GE 9000	24.0	30.2	31.4	32.3	33.4	34.3	34.6	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.9
GE 8000	27.3	33.9	35.1	36.0	37.3	38.2	38.5	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.8
GE 7000	28.3	35.4	36.6	37.5	38.8	39.7	40.0	40.2	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.6
GE 6000	28.6	35.8	37.0	38.1	39.4	40.2	40.5	40.8	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2
GE 5000	30.8	38.2	39.5	40.3	42.2	43.0	43.3	43.5	43.8	43.8	43.9	43.9	43.9	43.9	43.9	44.0
GE 4500	32.0	39.7	41.2	42.5	43.9	44.7	45.1	45.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.7
GE 4000	33.2	41.1	42.6	43.9	45.4	46.2	46.6	46.8	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.2
GE 3500	34.1	42.3	43.8	45.2	46.7	47.5	47.8	48.1	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.5
GE 3000	35.6	44.4	45.9	48.2	50.1	51.3	51.7	51.9	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.5
GE 2500	38.1	48.0	50.4	53.2	55.6	56.9	57.5	57.8	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.6
GE 2000	39.9	51.3	53.9	57.3	59.7	61.3	62.2	62.5	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.2
GE 1800	40.3	51.9	54.5	57.6	60.5	62.2	63.0	63.3	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.1
GE 1500	42.6	57.6	60.8	64.3	67.4	69.0	70.0	70.3	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.2
GE 1200	43.9	60.8	64.6	68.7	72.0	73.8	75.1	75.5	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.3
GE 1000	44.4	63.5	68.5	73.5	77.3	79.2	81.0	81.5	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.4
GE 900	44.5	64.0	69.2	74.7	78.9	81.3	83.1	83.9	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.9
GE 800	44.7	64.7	70.3	76.1	80.4	83.1	85.3	86.1	86.6	87.1	87.3	87.3	87.4	87.4	87.4	87.5
GE 700	44.8	64.9	70.5	76.3	81.0	83.8	85.9	87.1	87.6	88.4	88.7	88.7	89.0	89.0	89.2	89.4
GE 600	44.9	65.3	71.0	77.2	81.9	84.8	87.3	88.8	89.4	90.2	90.6	90.6	91.0	91.0	91.2	91.3
GE 500	44.9	65.6	71.3	77.5	82.4	85.5	88.5	90.1	91.0	92.2	93.0	93.0	93.5	93.5	93.8	93.9
GE 400	44.9	65.6	71.4	77.3	82.8	86.1	89.4	91.2	92.0	93.5	95.1	95.2	95.8	95.8	96.0	96.1
GE 300	44.9	65.6	71.4	78.0	82.9	86.3	89.6	91.5	92.6	94.2	95.9	96.0	96.7	96.7	96.9	97.0
GE 200	44.9	65.6	71.4	78.0	83.0	86.5	89.9	91.8	92.9	94.7	96.5	96.6	97.6	97.7	98.0	98.1
GE 100	44.9	65.6	71.4	78.0	83.0	86.5	89.9	92.0	93.1	95.3	97.1	97.2	98.6	98.9	99.1	99.4
GE 0	44.9	65.6	71.4	78.0	83.0	86.5	89.9	92.0	93.1	95.3	97.1	97.2	98.6	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.1	26.3	27.3	28.5	29.5	29.7	29.9	30.1	30.2	30.2	30.3	30.3	30.4	30.5	30.5	30.5
GE 20000	22.3	29.7	31.2	32.9	33.9	34.1	34.3	34.5	34.7	34.7	34.8	34.8	34.9	35.1	35.1	35.1
GE 18000	22.4	29.8	31.3	33.1	34.1	34.3	34.5	34.7	34.9	34.9	35.1	35.1	35.2	35.3	35.3	35.3
GE 16000	22.4	29.9	31.4	33.2	34.2	34.4	34.6	34.8	35.1	35.1	35.2	35.2	35.3	35.4	35.4	35.4
GE 14000	22.4	29.9	31.4	33.2	34.2	34.4	34.6	34.8	35.1	35.1	35.2	35.2	35.3	35.4	35.4	35.4
GE 12000	22.8	30.6	32.4	34.2	35.4	35.6	35.8	36.0	36.2	36.2	36.3	36.3	36.5	36.6	36.6	36.6
GE 10000	23.9	32.8	34.5	36.7	38.1	38.4	38.8	39.0	39.2	39.2	39.4	39.4	39.5	39.6	39.6	39.6
GE 9000	24.1	33.0	34.7	36.9	38.3	38.6	39.0	39.2	39.5	39.5	39.6	39.6	39.7	39.8	39.8	39.8
GE 8000	25.6	35.8	37.5	39.3	41.4	41.7	42.2	42.5	42.7	42.7	42.8	42.8	42.9	43.0	43.0	43.0
GE 7000	26.5	37.1	38.8	41.1	43.1	43.4	43.9	44.2	44.4	44.4	44.5	44.5	44.6	44.7	44.7	44.7
GE 6000	26.9	37.6	39.4	41.6	43.7	44.0	44.4	44.7	44.9	44.9	45.1	45.1	45.2	45.3	45.3	45.3
GE 5000	28.0	39.8	41.5	43.9	46.1	46.7	47.1	47.4	47.6	47.6	47.7	47.7	47.8	48.0	48.0	48.0
GE 4500	28.8	41.0	42.7	45.1	47.3	47.8	48.3	48.6	48.8	48.8	48.9	48.9	49.0	49.1	49.1	49.1
GE 4000	29.4	42.0	43.8	46.3	48.8	49.4	50.0	50.3	50.6	50.6	50.8	50.8	50.9	51.0	51.0	51.0
GE 3500	30.0	43.3	45.2	47.8	50.3	50.9	51.5	51.9	52.3	52.4	52.5	52.5	52.6	52.7	52.7	52.7
GE 3000	31.1	44.9	46.9	49.6	52.3	52.8	53.8	54.2	54.6	54.8	55.1	55.1	55.2	55.3	55.3	55.3
GE 2500	32.2	47.7	50.3	53.1	56.0	56.8	58.0	58.6	59.0	59.2	59.5	59.5	59.6	59.7	59.7	59.7
GE 2000	34.1	50.8	53.7	56.6	59.8	60.9	62.2	63.1	63.7	64.0	64.2	64.2	64.3	64.4	64.4	64.4
GE 1800	34.4	51.3	54.4	57.4	60.6	61.9	63.2	64.3	64.8	65.2	65.5	65.5	65.6	65.7	65.7	65.7
GE 1500	35.7	56.1	59.7	63.3	66.8	66.2	69.9	71.6	72.3	73.0	73.7	73.7	73.8	73.9	73.9	73.9
GE 1200	36.0	58.5	62.6	65.9	70.2	71.8	74.0	75.7	76.6	77.3	78.2	78.2	78.3	78.4	78.4	78.4
GE 1000	36.3	60.2	65.2	69.1	74.6	76.3	78.9	81.1	81.9	82.9	84.0	84.0	84.1	84.2	84.2	84.2
GE 900	36.6	61.3	66.5	70.5	76.6	78.3	81.0	83.2	84.2	85.3	86.6	86.6	86.7	86.8	86.8	86.8
GE 800	36.6	61.9	67.3	71.8	78.5	80.2	83.1	85.5	86.9	88.1	89.5	89.5	89.6	89.7	89.7	89.7
GE 700	36.6	61.9	67.3	71.9	78.8	80.9	83.8	86.1	87.5	88.9	90.4	90.4	90.8	91.0	91.0	91.0
GE 600	36.6	62.2	67.5	72.3	79.2	81.4	84.6	87.5	89.1	90.5	92.3	92.3	92.8	93.0	93.0	93.0
GE 500	36.6	62.2	67.5	72.4	80.0	82.3	85.9	89.1	91.0	92.5	94.5	94.6	95.6	95.8	95.8	95.8
GE 400	36.6	62.2	67.5	72.7	80.4	82.6	86.6	90.1	91.9	94.0	96.0	96.1	97.4	97.6	97.7	97.7
GE 300	36.6	62.2	67.5	72.7	80.4	82.8	86.6	90.4	92.3	94.3	96.9	97.0	98.3	98.5	98.6	98.6
GE 200	36.6	62.2	67.5	72.7	80.4	82.8	86.6	90.6	92.5	94.6	97.2	97.3	98.6	98.9	99.0	99.0
GE 100	36.6	62.2	67.5	72.7	80.4	82.8	86.6	90.6	92.5	94.6	97.2	97.3	98.7	99.0	99.2	99.6
GE 0	36.6	62.2	67.5	72.7	80.4	82.8	86.6	90.6	92.5	94.6	97.2	97.3	98.7	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 5/16	GE 1/4	GE 0
NO CEIL	22.0	28.1	28.7	29.2	30.1	30.1	30.3	30.3	30.3	30.3	30.6	30.6	30.6	30.6	30.6	30.6
GE 20000	26.8	34.3	34.9	35.5	36.6	36.6	36.9	36.9	36.9	36.9	37.2	37.2	37.2	37.2	37.2	37.2
GE 18000	27.1	34.7	35.4	36.3	37.0	37.0	37.3	37.3	37.3	37.3	37.6	37.6	37.6	37.6	37.6	37.6
GE 16000	27.1	34.7	35.4	36.3	37.0	37.0	37.3	37.3	37.3	37.3	37.6	37.6	37.6	37.6	37.6	37.6
GE 14000	27.3	34.9	35.6	36.2	37.2	37.2	37.5	37.5	37.5	37.5	37.8	37.8	37.8	37.8	37.8	37.8
GE 12000	28.6	36.3	37.0	37.7	38.8	38.8	39.1	39.1	39.1	39.1	39.5	39.5	39.5	39.5	39.5	39.5
GE 10000	30.1	38.9	39.6	40.5	41.7	41.7	42.2	42.2	42.2	42.2	42.5	42.5	42.5	42.5	42.5	42.5
GE 9000	30.3	39.4	40.0	41.1	42.2	42.2	42.6	42.6	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9
GE 8000	32.0	42.2	42.9	44.0	45.1	45.1	45.5	45.5	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8
GE 7000	33.2	44.0	44.9	46.2	47.3	47.3	47.7	47.7	47.7	47.7	48.1	48.1	48.1	48.1	48.1	48.1
GE 6000	34.1	44.9	45.9	47.2	48.3	48.3	48.7	48.7	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0
GE 5000	34.4	46.2	47.2	48.7	49.8	49.8	50.2	50.2	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5
GE 4500	35.3	47.3	48.4	49.9	51.2	51.4	51.8	51.8	51.8	51.8	52.2	52.2	52.2	52.2	52.2	52.2
GE 4000	36.3	48.7	49.9	51.7	53.1	53.3	53.8	53.8	53.8	53.9	54.2	54.2	54.2	54.2	54.2	54.2
GE 3500	36.8	49.9	51.2	53.3	55.1	55.3	55.8	55.8	55.8	55.9	56.2	56.2	56.2	56.2	56.2	56.2
GE 3000	38.4	52.4	53.9	56.2	58.3	58.5	59.0	59.1	59.2	59.4	59.7	59.7	59.7	59.7	59.7	59.7
GE 2500	41.6	57.5	59.5	61.9	64.1	64.4	65.1	65.2	65.4	65.5	65.8	65.8	65.8	65.8	65.8	65.8
GE 2000	43.0	60.1	62.5	65.2	67.7	68.3	68.9	69.1	69.5	69.6	69.9	69.9	69.9	69.9	69.9	69.9
GE 1800	43.4	60.5	63.2	65.9	68.6	69.1	69.9	70.1	70.4	70.5	70.9	70.9	70.9	70.9	70.9	70.9
GE 1500	44.8	64.7	68.6	72.2	74.8	75.6	76.5	76.9	77.2	77.4	77.8	77.8	77.8	77.8	77.8	78.1
GE 1200	45.3	67.6	72.0	76.2	79.5	80.4	81.3	81.7	82.2	82.5	83.0	83.0	83.0	83.0	83.0	83.2
GE 1000	45.5	68.5	73.0	77.5	81.3	82.3	83.4	83.9	84.4	84.8	85.5	85.5	85.6	85.6	85.6	85.9
GE 900	45.6	69.4	74.2	79.5	84.1	85.3	86.6	87.2	88.0	88.6	89.2	89.2	89.5	89.5	89.5	89.9
GE 800	45.6	69.8	74.8	80.1	85.4	86.7	88.2	88.9	90.0	90.8	91.4	91.4	91.6	91.6	91.6	91.9
GE 700	45.6	69.8	74.9	80.2	86.3	87.8	89.7	90.6	91.8	92.7	93.3	93.3	93.5	93.5	93.5	93.9
GE 600	45.6	69.8	75.1	80.4	86.9	88.4	90.3	91.3	92.7	93.5	94.4	94.5	94.8	94.8	94.8	95.2
GE 500	45.6	69.9	75.2	80.3	87.7	89.4	91.4	92.4	93.9	94.7	95.7	95.9	96.7	96.7	96.7	97.0
GE 400	45.6	70.0	75.3	81.2	88.2	89.9	92.4	93.4	94.9	95.8	97.0	97.2	98.2	98.2	98.2	98.5
GE 300	45.6	70.0	75.3	81.2	88.2	89.9	92.4	93.5	95.1	96.0	97.3	97.5	98.6	98.7	98.7	99.0
GE 200	45.6	70.0	75.3	81.2	88.2	89.9	92.4	93.7	95.2	96.1	97.5	97.7	98.9	99.0	99.0	99.4
GE 100	45.6	70.0	75.3	81.2	88.2	89.9	92.4	93.7	95.2	96.1	97.5	97.7	98.9	99.1	99.2	99.7
GE 0	45.6	70.0	75.3	81.2	88.2	89.9	92.4	93.7	95.2	96.1	97.5	97.7	98.9	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	25.4	33.0	34.1	34.3	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 20000	30.2	38.8	39.9	40.2	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 18000	30.3	38.9	40.0	40.3	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 16000	30.3	38.9	40.0	40.3	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 14000	30.3	38.9	40.0	40.3	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 12000	31.0	39.7	40.8	41.1	41.8	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000	32.9	41.8	43.1	43.5	44.3	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 9000	33.0	42.0	43.3	43.8	44.5	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 8000	36.1	46.8	48.2	48.7	49.5	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 7000	37.6	48.7	50.1	50.5	51.4	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 6000	37.7	49.1	50.5	51.1	51.8	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 5000	38.4	50.4	51.8	52.5	53.2	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 4500	38.9	51.3	52.8	53.4	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 4000	39.4	52.3	53.9	55.3	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 3500	40.2	53.8	55.7	57.1	58.0	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 3000	41.8	56.9	58.9	60.5	61.7	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 2500	45.2	62.3	64.5	66.3	68.3	68.9	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 2000	47.3	65.7	68.1	70.3	72.6	73.2	73.7	74.0	74.3	74.4	74.5	74.5	74.5	74.5	74.6	74.6
GE 1800	48.1	68.0	70.3	73.3	75.6	76.5	76.9	77.2	77.5	77.6	77.7	77.7	77.7	77.7	77.8	77.8
GE 1500	48.8	71.2	74.1	77.3	80.1	81.2	81.7	82.4	82.7	82.8	83.0	83.0	83.1	83.1	83.2	83.2
GE 1200	49.1	72.7	75.6	79.7	82.7	83.8	84.3	85.3	85.6	85.8	86.0	86.0	86.1	86.1	86.2	86.2
GE 1000	49.1	72.9	75.9	80.8	84.6	85.9	86.8	87.8	88.2	88.6	89.0	89.0	89.2	89.2	89.4	89.5
GE 900	49.1	73.4	77.3	82.3	86.6	88.0	89.1	90.2	90.5	91.0	91.5	91.5	92.0	92.0	92.2	92.3
GE 800	49.1	73.8	77.6	82.7	87.3	88.8	90.0	91.3	91.6	92.2	92.7	92.8	93.4	93.4	93.5	93.7
GE 700	49.1	73.8	77.6	82.7	87.4	88.9	90.1	91.4	91.7	92.5	93.0	93.1	93.9	93.9	94.0	94.1
GE 600	49.1	73.9	77.7	82.9	87.6	89.2	90.6	92.0	92.5	93.3	94.0	94.2	94.9	94.9	95.1	95.2
GE 500	49.2	74.1	78.0	83.1	87.8	89.6	91.0	92.4	92.8	93.7	94.6	94.9	96.1	96.1	96.2	96.3
GE 400	49.2	74.2	78.1	83.2	88.1	89.9	91.5	93.1	93.7	94.6	95.7	96.2	97.4	97.5	97.6	97.7
GE 300	49.4	74.3	78.3	83.5	88.4	90.2	91.8	93.4	94.0	95.3	96.3	96.9	98.4	98.6	98.7	98.9
GE 200	49.4	74.3	78.3	83.5	88.4	90.2	91.8	93.5	94.1	95.5	96.9	97.4	99.0	99.2	99.4	99.6
GE 100	49.4	74.3	78.3	83.5	88.4	90.2	91.8	93.5	94.1	95.5	96.9	97.4	99.0	99.2	99.4	99.7
GE 0	49.4	74.3	78.3	83.5	88.4	90.2	91.8	93.5	94.1	95.5	96.9	97.4	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1800-2300

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	26.5	33.0	33.7	34.1	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 20000	31.2	38.6	39.2	39.7	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 18000	31.3	38.7	39.4	39.8	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 16000	31.3	38.8	39.5	39.9	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 14000	31.5	39.0	39.7	40.1	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 12000	31.9	39.8	40.4	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 10000	34.3	42.3	43.0	43.4	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 9000	34.9	42.9	43.7	44.1	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 8000	38.3	46.7	47.4	48.2	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 7000	39.8	48.5	49.2	50.2	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 6000	40.0	48.7	49.6	50.5	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 5000	41.5	51.0	51.8	52.8	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 4500	41.8	51.9	52.8	53.8	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 4000	42.3	52.7	53.7	54.7	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 3500	43.2	54.2	55.2	56.2	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 3000	45.5	57.7	59.0	60.1	61.1	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 2500	49.1	62.8	65.1	66.3	67.5	68.2	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 2000	52.5	68.8	71.4	73.1	74.5	75.4	75.7	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1800	53.2	70.4	73.3	75.2	76.8	77.6	78.0	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1500	54.5	74.3	78.2	80.1	82.2	83.1	83.4	83.8	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2
GE 1200	54.7	75.6	79.6	81.9	84.4	85.4	85.9	86.2	86.3	86.7	86.7	86.7	86.8	86.8	86.8	86.8
GE 1000	55.1	76.6	81.2	83.7	86.9	88.0	88.6	88.9	89.0	89.8	89.9	89.9	90.0	90.0	90.0	90.0
GE 900	55.2	77.0	82.2	84.6	88.3	89.5	90.2	90.5	90.6	91.4	91.6	91.6	91.7	91.7	91.7	91.7
GE 800	55.2	77.2	82.4	85.1	88.7	89.9	90.9	91.4	91.8	92.7	93.2	93.2	93.3	93.3	93.3	93.3
GE 700	55.2	77.3	82.5	85.2	89.0	90.3	91.3	91.9	92.4	93.3	93.9	93.9	94.1	94.1	94.1	94.1
GE 600	55.2	77.4	82.6	85.3	89.4	90.6	91.7	92.4	92.8	93.9	94.4	94.4	94.7	94.8	94.8	94.8
GE 500	55.2	77.4	82.6	85.3	89.5	90.9	91.9	92.6	93.3	94.5	95.4	95.4	95.7	95.8	95.8	95.8
GE 400	55.2	77.5	82.7	85.4	89.7	91.3	92.6	93.4	94.2	95.8	96.8	96.8	97.1	97.4	97.4	97.4
GE 300	55.2	77.5	82.7	85.4	89.9	91.5	92.8	93.8	94.6	96.3	97.5	97.5	98.1	98.5	98.5	98.6
GE 200	55.2	77.5	82.7	85.4	89.9	91.6	93.0	94.0	94.9	96.7	98.2	98.2	98.9	99.4	99.5	99.6
GE 100	55.2	77.5	82.7	85.4	89.9	91.6	93.0	94.0	94.9	96.7	98.2	98.2	98.9	99.4	99.6	99.7
GE 0	55.2	77.5	82.7	85.4	89.9	91.6	93.0	94.0	94.9	96.7	98.2	98.2	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	25.7	29.2	29.5	30.3	31.1	31.1	31.5	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 20000	28.1	32.0	32.3	33.1	34.0	34.1	34.5	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 18000	28.1	32.0	32.3	33.1	34.0	34.1	34.5	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 16000	28.1	32.0	32.3	33.1	34.0	34.1	34.5	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 14000	28.5	32.6	32.8	33.7	34.5	34.6	35.1	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 12000	29.4	33.9	34.1	34.9	35.8	35.9	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 10000	31.7	36.3	36.6	37.4	38.3	38.4	38.9	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 9000	32.2	36.9	37.1	38.0	38.8	38.9	39.5	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 8000	34.7	40.0	40.2	41.4	42.3	42.4	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 7000	36.2	41.6	41.8	43.0	43.9	44.0	44.5	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 6000	36.3	41.9	42.5	43.7	44.5	44.6	45.2	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 5000	39.2	45.4	45.9	47.1	48.0	48.1	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 4500	41.2	47.8	48.4	49.6	50.4	50.6	51.2	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 4000	42.3	49.5	50.2	51.4	52.3	52.5	53.1	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 3500	43.5	50.9	51.8	53.1	54.0	54.2	54.8	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 3000	46.3	54.7	55.9	57.2	58.3	58.8	59.5	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 2500	49.9	60.0	62.2	63.9	65.2	65.7	66.6	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 2000	53.1	65.5	68.2	70.3	71.7	72.5	73.7	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 1800	54.2	68.0	70.8	72.6	74.5	75.3	76.5	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1500	55.5	72.4	75.4	77.4	79.8	80.5	82.0	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1200	55.7	73.8	77.3	79.4	82.3	83.0	84.5	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1000	56.0	74.9	78.7	81.0	84.6	85.6	87.3	88.0	88.2	88.6	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	56.1	75.7	79.7	82.3	86.1	87.2	89.1	89.9	90.1	90.5	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	56.1	76.0	80.3	83.2	87.4	88.6	91.0	92.0	92.7	93.3	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	56.1	76.0	80.4	83.3	87.7	88.8	91.5	92.7	93.3	94.0	94.5	94.5	94.5	94.5	94.5	94.5
GE 600	56.1	76.0	80.4	83.4	88.3	89.6	92.3	93.5	94.2	94.8	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	56.1	76.5	81.1	84.1	89.1	90.4	93.2	94.7	95.6	96.3	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	56.1	76.5	81.1	84.1	89.1	90.5	93.4	95.1	96.2	97.1	97.7	97.7	97.7	97.7	97.7	97.7
GE 300	56.1	76.5	81.1	84.1	89.2	90.6	93.5	95.4	96.6	97.7	98.5	98.5	98.5	98.5	98.5	98.5
GE 200	56.1	76.5	81.2	84.2	89.4	90.8	93.7	95.5	96.8	98.0	98.7	98.7	98.9	98.9	98.9	98.9
GE 100	56.1	76.5	81.2	84.2	89.4	90.8	93.7	95.5	96.8	98.0	98.7	98.7	98.9	98.9	99.0	99.0
GE 0	56.1	76.5	81.2	84.2	89.4	90.8	93.7	95.5	96.8	98.1	98.8	98.8	99.0	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: JAN HOUR(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	23.3	28.4	29.1	29.7	30.4	30.6	30.9	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.2	31.2
GE 20000	26.0	31.9	32.8	33.5	34.2	34.5	34.8	34.9	34.9	34.9	35.0	35.0	35.1	35.1	35.1	35.1
GE 18000	26.1	32.0	32.9	33.6	34.3	34.7	34.9	35.0	35.0	35.1	35.1	35.1	35.2	35.2	35.2	35.3
GE 16000	26.1	32.0	32.9	33.6	34.4	34.7	34.9	35.0	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.3
GE 14000	26.3	32.2	33.1	33.8	34.5	34.9	35.1	35.2	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.5
GE 12000	26.9	33.0	33.9	34.7	35.5	35.8	36.1	36.2	36.2	36.3	36.3	36.3	36.4	36.4	36.4	36.5
GE 10000	28.6	35.3	36.2	37.0	37.9	38.2	38.5	38.6	38.7	38.7	38.8	38.8	38.8	38.9	38.9	38.9
GE 9000	28.8	35.6	36.6	37.4	38.3	38.6	39.0	39.0	39.1	39.1	39.2	39.2	39.2	39.3	39.3	39.3
GE 8000	31.7	39.2	40.2	41.2	42.1	42.5	42.8	42.9	42.9	43.0	43.0	43.0	43.1	43.1	43.1	43.2
GE 7000	32.9	40.7	41.7	42.8	43.8	44.2	44.5	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.9	44.9
GE 6000	33.2	41.2	42.3	43.4	44.4	44.7	45.1	45.2	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.5
GE 5000	34.8	43.4	44.5	45.9	46.8	47.2	47.5	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.9	47.9
GE 4500	35.9	45.0	46.2	47.4	48.5	48.9	49.2	49.3	49.4	49.4	49.5	49.5	49.6	49.6	49.6	49.7
GE 4000	36.8	46.2	47.5	48.9	50.1	50.6	50.9	51.0	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.4
GE 3500	37.8	47.8	49.3	50.8	52.1	52.5	52.9	53.1	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.5
GE 3000	39.7	50.7	52.4	54.2	55.8	56.8	56.9	57.0	57.2	57.3	57.4	57.4	57.4	57.4	57.5	57.5
GE 2500	42.5	55.2	57.6	59.6	61.7	62.4	63.0	63.3	63.4	63.6	63.7	63.7	63.7	63.7	63.8	63.8
GE 2000	45.0	59.2	61.9	64.1	66.5	67.5	68.3	68.7	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.4
GE 1800	45.7	60.7	63.4	65.8	68.4	69.4	70.2	70.7	70.9	71.1	71.2	71.2	71.3	71.3	71.3	71.4
GE 1500	47.4	65.2	68.5	71.2	74.2	75.3	76.3	77.0	77.2	77.6	77.8	77.8	77.8	77.9	77.9	78.0
GE 1200	48.1	67.6	71.4	74.5	78.0	79.2	80.4	81.2	81.5	81.9	82.1	82.1	82.2	82.2	82.3	82.3
GE 1000	48.3	69.1	73.3	76.9	81.0	82.4	83.8	84.7	85.0	85.6	86.1	86.1	86.2	86.2	86.3	86.4
GE 900	48.4	69.8	74.4	78.2	82.8	84.3	85.8	86.8	87.2	87.9	88.4	88.4	88.5	88.5	88.6	88.7
GE 800	48.5	70.3	75.1	79.1	84.1	85.7	87.6	88.8	89.4	90.3	90.9	90.9	91.1	91.1	91.1	91.3
GE 700	48.5	70.4	75.3	79.4	84.7	86.4	88.4	89.8	90.5	91.5	92.2	92.2	92.4	92.5	92.5	92.7
GE 600	48.5	70.6	75.6	79.8	85.4	87.2	89.3	90.9	91.6	92.7	93.5	93.5	93.8	93.9	93.9	94.3
GE 500	48.5	70.8	75.8	80.1	85.9	87.8	90.2	91.9	92.8	94.1	95.0	95.1	95.6	95.7	95.7	95.9
GE 400	48.5	70.8	75.9	80.3	86.2	88.2	90.8	92.7	93.7	95.2	96.3	96.4	97.0	97.1	97.2	97.3
GE 300	48.5	70.9	75.9	80.4	86.3	88.3	90.9	93.0	94.0	95.7	97.0	97.2	97.9	98.0	98.1	98.3
GE 200	48.5	70.9	75.9	80.4	86.3	88.4	91.0	93.1	94.3	96.0	97.5	97.6	98.5	98.6	98.7	98.9
GE 100	48.5	70.9	75.9	80.4	86.3	88.4	91.0	93.2	94.3	96.1	97.6	97.7	98.7	98.9	99.1	99.4
GE 0	48.5	70.9	75.9	80.4	86.3	88.4	91.0	93.2	94.3	96.1	97.6	97.8	98.7	98.9	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0300-0200

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	28.6	35.2	37.2	38.5	40.6	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3
GE 20000	31.3	38.4	40.4	41.7	43.8	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5
GE 18000	31.3	38.4	40.4	41.7	43.8	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5
GE 16000	31.3	38.4	40.4	41.7	43.8	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5
GE 14000	31.7	38.9	40.9	42.2	44.3	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.0
GE 12000	32.4	39.9	41.9	43.2	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.1
GE 10000	34.5	42.8	45.0	46.3	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1
GE 9000	35.0	43.3	45.7	47.0	49.1	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8
GE 8000	37.1	45.8	48.2	49.5	51.6	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
GE 7000	38.2	47.2	49.6	50.9	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
GE 6000	38.9	48.1	50.4	51.7	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7
GE 5000	41.5	51.4	53.9	55.4	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
GE 4500	43.9	54.5	57.1	58.7	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
GE 4000	45.6	57.4	60.0	61.5	64.1	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 3500	46.2	58.7	61.5	63.0	66.0	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
GE 3000	49.5	63.5	66.4	68.1	71.3	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
GE 2500	50.4	66.1	69.0	70.8	74.0	74.7	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
GE 2000	53.1	70.4	73.6	75.5	78.8	79.5	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
GE 1800	53.4	70.9	74.1	76.0	79.4	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6
GE 1500	54.7	74.0	77.4	79.5	83.3	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
GE 1200	55.4	76.1	79.6	81.9	85.7	86.9	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 1000	55.7	77.1	80.7	83.1	87.3	88.6	88.8	89.4	89.6	89.8	89.8	89.8	89.9	89.9	90.0	90.1
GE 900	55.7	77.5	81.2	83.6	88.1	89.4	89.8	90.5	90.7	90.8	90.8	90.8	90.9	90.9	91.4	91.5
GE 800	55.7	77.7	81.6	84.5	89.0	90.3	90.9	91.9	92.1	92.2	92.3	92.3	92.5	92.5	92.9	93.1
GE 700	55.7	78.0	81.9	84.8	89.4	90.8	91.6	92.7	92.9	93.1	93.2	93.2	93.3	93.3	93.8	93.9
GE 600	55.7	78.3	82.2	85.2	89.8	91.2	92.0	93.1	93.6	93.9	94.0	94.3	94.5	94.5	94.9	95.1
GE 500	55.7	78.3	82.2	85.3	90.0	91.4	92.2	93.8	94.6	94.9	95.2	95.5	95.6	95.6	96.1	96.2
GE 400	55.7	78.3	82.2	85.3	90.0	91.4	92.6	94.1	94.9	95.3	95.6	96.0	96.2	96.2	96.7	96.8
GE 300	55.7	78.3	82.2	85.3	90.0	91.4	92.6	94.9	95.8	96.5	97.2	97.5	97.8	97.8	98.2	98.4
GE 200	55.7	78.3	82.2	85.3	90.0	91.4	92.6	95.1	95.9	96.6	97.3	97.6	98.1	98.1	98.6	98.7
GE 100	55.7	78.3	82.2	85.3	90.0	91.4	92.6	95.1	95.9	96.6	97.3	97.6	98.1	98.1	98.7	99.4
GE 0	55.7	78.3	82.2	85.3	90.0	91.4	92.6	95.1	95.9	96.6	97.3	97.6	98.1	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	27.8	34.2	34.7	35.6	37.8	39.3	40.0	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.9
GE 20000	29.7	36.3	37.0	38.2	40.2	41.7	42.4	42.6	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.2
GE 18000	29.7	36.3	37.0	38.2	40.2	41.7	42.4	42.6	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.2
GE 16000	29.7	36.3	37.0	38.2	40.2	41.7	42.4	42.6	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.2
GE 14000	29.7	36.3	37.0	38.2	40.2	41.7	42.4	42.6	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.2
GE 12000	29.9	36.7	37.6	38.3	40.9	42.4	43.1	43.3	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.9
GE 10000	30.4	37.9	38.9	40.3	42.2	43.7	44.4	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.2
GE 9000	30.6	38.4	39.5	40.6	42.8	44.3	45.0	45.2	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.8
GE 8000	33.0	41.0	42.0	43.3	45.5	47.0	47.8	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.6
GE 7000	34.2	42.6	43.7	45.2	47.3	48.9	49.7	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.5
GE 6000	34.6	43.6	44.8	46.3	48.5	50.2	51.0	51.2	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.8
GE 5000	37.1	47.2	48.4	49.9	52.3	54.1	54.9	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.5	55.8
GE 4500	38.9	49.6	50.8	52.3	54.7	56.8	57.2	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.8	58.2
GE 4000	40.0	51.6	52.9	54.4	56.9	58.9	59.7	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.3	60.7
GE 3500	41.2	53.0	54.3	55.9	58.4	60.4	61.2	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.8	62.2
GE 3000	43.1	55.9	57.4	59.2	62.0	64.1	64.9	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.8
GE 2500	44.1	58.2	60.1	62.5	65.6	68.1	69.0	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.6	70.0
GE 2000	46.1	61.2	63.5	66.2	69.6	72.1	73.0	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.6	74.0
GE 1800	46.4	62.2	64.4	67.1	70.9	73.4	74.3	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.9	75.3
GE 1500	47.0	65.1	67.6	70.5	74.8	77.5	78.6	79.0	79.2	79.5	79.5	79.5	79.5	79.5	79.6	80.0
GE 1200	47.8	68.1	70.6	73.5	78.0	80.8	81.9	82.6	82.7	83.0	83.0	83.0	83.0	83.0	83.2	83.5
GE 1000	48.9	70.0	72.6	76.3	81.6	84.7	86.2	87.3	87.4	87.8	87.8	87.8	87.8	87.8	87.9	88.2
GE 900	48.9	70.2	72.9	76.7	82.3	85.4	87.2	88.2	88.3	88.7	88.7	88.7	88.7	88.7	88.8	89.2
GE 800	49.1	70.8	73.7	77.5	83.4	86.6	88.7	89.8	89.9	90.7	90.9	90.9	90.9	90.9	91.0	91.4
GE 700	49.2	71.1	74.2	78.2	84.2	87.6	89.9	91.0	91.2	92.0	92.2	92.2	92.2	92.2	92.3	92.7
GE 600	49.5	71.4	74.7	78.7	85.0	88.5	90.7	92.0	92.1	93.2	93.4	93.4	93.4	93.4	93.5	93.9
GE 500	49.5	71.5	74.8	78.9	85.4	88.8	91.2	92.7	92.8	94.0	94.2	94.2	94.2	94.2	94.3	94.7
GE 400	49.5	71.5	74.8	78.9	85.4	88.8	91.4	92.9	93.1	94.2	94.5	94.5	94.5	94.5	94.6	94.9
GE 300	49.6	71.6	74.9	79.2	85.6	89.2	92.0	93.6	93.9	95.2	95.6	95.6	96.1	96.1	96.2	96.6
GE 200	49.6	71.6	74.9	79.2	85.6	89.2	92.0	93.8	94.0	95.4	96.1	96.1	96.9	96.9	97.1	97.4
GE 100	49.6	71.6	74.9	79.2	85.6	89.2	92.0	93.8	94.0	95.4	96.1	96.1	97.1	97.2	97.5	98.5
GE 0	49.6	71.6	74.9	79.2	85.6	89.2	92.0	93.8	94.0	95.4	96.1	96.1	97.2	97.3	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 5/16	GE 1/4	GE 0
NO CEIL	22.1	27.9	29.4	31.3	33.7	35.7	36.6	38.0	38.0	38.2	38.4	38.4	38.4	38.4	38.5	38.6
GE 20000	24.4	30.6	32.4	34.3	36.9	39.0	39.9	41.5	41.5	41.6	41.8	41.8	41.8	41.8	41.9	42.0
GE 18000	24.4	30.6	32.4	34.3	36.9	39.0	39.9	41.5	41.5	41.6	41.8	41.8	41.8	41.8	41.9	42.0
GE 16000	24.4	30.6	32.4	34.3	36.9	39.0	39.9	41.5	41.5	41.6	41.8	41.8	41.8	41.8	41.9	42.0
GE 14000	24.5	30.9	32.6	34.3	37.1	39.2	40.2	41.7	41.7	41.8	42.0	42.0	42.0	42.0	42.2	42.3
GE 12000	25.1	31.4	33.2	34.9	37.7	39.8	40.8	42.3	42.3	42.4	42.6	42.6	42.6	42.6	42.8	42.9
GE 10000	26.4	33.5	35.3	37.3	39.8	42.0	43.0	44.5	44.5	44.6	44.9	44.9	44.9	44.9	45.0	45.1
GE 9000	26.5	33.7	35.6	37.2	40.0	42.3	43.2	44.8	44.8	44.9	45.1	45.1	45.1	45.1	45.2	45.3
GE 8000	27.7	35.1	37.3	39.3	41.8	44.1	45.0	46.5	46.5	46.6	46.9	46.9	46.9	46.9	47.0	47.1
GE 7000	28.2	35.9	38.2	39.3	42.6	45.0	45.9	47.5	47.5	47.6	47.8	47.8	47.8	47.8	47.9	48.1
GE 6000	28.4	36.5	39.0	40.3	43.6	45.9	46.9	48.4	48.4	48.5	48.8	48.8	48.8	48.8	48.9	49.0
GE 5000	29.9	39.2	41.9	43.9	46.8	49.1	50.1	51.6	51.6	51.7	51.9	51.9	51.9	51.9	52.1	52.2
GE 4500	31.8	42.0	44.9	47.1	50.2	52.5	53.5	55.0	55.0	55.1	55.4	55.4	55.4	55.4	55.5	55.6
GE 4000	33.0	43.6	46.5	49.3	52.1	54.4	55.4	56.9	56.9	57.0	57.2	57.2	57.2	57.2	57.4	57.5
GE 3500	33.8	45.6	48.6	51.2	54.4	56.9	58.0	59.5	59.5	59.6	59.8	59.8	59.8	59.8	60.0	60.1
GE 3000	35.0	46.9	50.1	52.7	55.8	58.5	59.6	61.2	61.2	61.4	61.6	61.6	61.6	61.6	61.7	61.8
GE 2500	37.0	50.4	53.8	56.3	60.3	63.0	64.1	65.8	65.8	66.0	66.2	66.2	66.2	66.2	66.3	66.4
GE 2000	38.8	52.8	56.8	59.3	63.7	66.4	68.0	69.7	69.7	70.0	70.2	70.2	70.2	70.2	70.3	70.4
GE 1800	39.0	53.5	57.6	60.3	64.8	67.5	69.0	70.8	70.8	71.0	71.3	71.3	71.3	71.3	71.4	71.5
GE 1500	40.0	56.7	61.5	65.5	70.4	73.1	74.9	76.9	77.1	77.4	77.7	77.7	77.7	77.7	77.9	78.0
GE 1200	40.8	59.0	64.0	68.3	73.5	76.3	78.4	80.6	80.8	81.0	81.4	81.4	81.4	81.4	81.5	81.6
GE 1000	41.3	60.5	65.6	70.1	75.7	78.8	81.3	83.5	84.0	84.6	85.0	85.0	85.0	85.0	85.2	85.3
GE 900	41.3	61.2	66.7	71.3	77.1	80.4	83.4	85.7	86.2	86.9	87.4	87.4	87.4	87.4	87.5	87.6
GE 800	41.5	61.5	67.3	71.8	77.9	81.3	84.6	87.0	87.6	88.6	89.3	89.3	89.3	89.3	89.4	89.5
GE 700	41.5	61.7	67.5	72.3	78.7	82.1	85.7	88.2	88.8	89.9	90.7	90.7	90.7	90.7	90.8	90.9
GE 600	41.5	61.7	67.5	72.3	79.2	82.7	86.3	89.0	89.6	90.9	91.8	91.8	91.8	91.8	91.9	92.0
GE 500	41.5	62.0	67.7	72.5	79.9	83.4	87.2	90.1	90.7	92.7	93.9	93.9	94.2	94.2	94.3	94.5
GE 400	41.5	62.0	67.7	72.5	80.1	83.6	87.5	90.5	91.0	93.2	94.3	94.3	94.9	94.9	95.1	95.2
GE 300	41.5	62.0	67.7	72.5	80.1	83.6	87.6	90.9	91.5	93.8	95.1	95.1	95.8	96.0	96.1	96.2
GE 200	41.5	62.0	67.7	72.7	80.2	83.7	87.8	91.0	91.6	93.9	95.5	95.6	96.6	96.8	97.1	97.3
GE 100	41.5	62.0	67.7	72.7	80.2	83.7	87.8	91.0	91.6	93.9	95.6	95.8	96.9	97.3	97.8	98.7
GE 0	41.5	62.0	67.7	72.7	80.2	83.7	87.8	91.0	91.6	93.9	95.6	95.8	96.9	97.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 5/16	GE 1/4	GE 0
NO CEIL	20.7	29.9	31.1	33.3	35.1	36.2	37.6	38.2	38.2	38.6	38.9	38.9	38.9	38.9	38.9	38.9
GE 20000	23.6	33.5	35.1	37.3	39.2	40.3	41.8	42.8	42.8	43.2	43.5	43.5	43.5	43.5	43.5	43.5
GE 18000	23.6	33.5	35.1	37.3	39.2	40.3	41.8	42.8	42.8	43.2	43.5	43.5	43.5	43.5	43.5	43.5
GE 16000	23.6	33.5	35.1	37.3	39.2	40.3	41.8	42.8	42.8	43.2	43.5	43.5	43.5	43.5	43.5	43.5
GE 14000	24.0	34.0	35.8	37.3	40.0	41.1	42.6	43.6	43.6	44.2	44.4	44.4	44.4	44.4	44.4	44.4
GE 12000	24.3	34.7	36.9	39.3	41.3	42.4	44.1	45.0	45.0	45.6	45.8	45.8	45.8	45.8	45.8	45.8
GE 10000	25.1	36.3	38.5	40.8	43.3	44.6	46.3	47.3	47.3	47.9	48.2	48.2	48.2	48.2	48.2	48.2
GE 9000	25.3	36.6	38.9	41.1	43.7	45.2	46.9	47.9	47.9	48.5	48.8	48.8	48.8	48.8	48.8	48.8
GE 8000	25.7	37.7	39.9	42.2	44.9	46.4	48.1	49.1	49.1	49.7	49.9	49.9	49.9	49.9	49.9	49.9
GE 7000	25.8	38.4	40.9	43.1	45.8	47.3	49.0	50.1	50.1	50.6	50.9	50.9	50.9	50.9	50.9	50.9
GE 6000	26.4	39.3	41.8	44.4	47.1	48.6	50.3	51.4	51.4	51.9	52.2	52.2	52.2	52.2	52.2	52.2
GE 5000	27.1	41.8	44.4	47.2	49.9	51.5	53.1	54.2	54.2	54.8	55.0	55.0	55.0	55.0	55.0	55.0
GE 4500	27.4	43.1	45.9	49.0	52.3	53.8	55.5	56.5	56.5	57.1	57.4	57.4	57.4	57.4	57.4	57.4
GE 4000	27.8	44.5	47.5	50.6	53.9	55.6	57.4	58.4	58.4	59.0	59.2	59.2	59.2	59.2	59.2	59.2
GE 3500	28.6	46.2	49.6	52.3	56.1	57.7	59.6	60.7	60.7	61.5	61.7	61.7	61.7	61.7	61.7	61.7
GE 3000	29.9	47.9	51.4	54.7	58.3	60.0	61.8	62.9	62.9	63.7	64.0	64.0	64.0	64.0	64.0	64.0
GE 2500	32.0	51.4	55.2	58.9	63.3	64.9	67.0	68.3	68.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5
GE 2000	33.2	53.1	57.1	60.9	65.3	67.0	69.4	70.8	70.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1
GE 1800	33.3	53.4	57.4	61.1	65.6	67.4	70.0	71.4	71.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8
GE 1500	34.9	56.3	61.4	65.4	70.4	72.2	75.3	76.7	77.1	78.3	78.7	78.7	78.7	78.7	78.7	78.7
GE 1200	35.0	57.1	62.4	66.7	72.3	74.3	77.6	79.3	79.7	81.0	81.4	81.4	81.4	81.4	81.4	81.4
GE 1000	35.2	58.9	64.4	69.1	75.1	77.5	81.0	83.0	83.5	85.2	85.7	85.7	86.0	86.0	86.0	86.0
GE 900	35.3	59.1	65.1	70.3	76.1	78.8	82.4	84.6	85.2	86.8	87.4	87.5	87.8	87.8	88.1	88.1
GE 800	35.5	59.8	66.2	71.5	78.0	80.8	85.2	87.8	88.6	90.6	91.2	91.3	91.8	91.8	92.1	92.1
GE 700	35.5	59.8	66.2	71.5	78.2	81.0	85.5	88.1	88.9	91.0	91.8	92.1	92.6	92.6	92.9	92.9
GE 600	35.5	59.8	66.2	71.6	78.4	81.3	85.7	88.8	89.6	91.8	92.5	92.8	93.3	93.3	93.6	93.6
GE 500	35.5	60.1	66.8	72.2	79.3	82.3	87.3	90.7	91.5	94.2	95.2	95.5	96.0	96.0	96.3	96.5
GE 400	35.5	60.1	66.8	72.2	79.4	82.6	87.6	91.0	91.9	94.7	95.8	96.1	96.6	96.8	97.3	97.4
GE 300	35.5	60.1	66.8	72.2	79.4	82.6	87.8	91.4	92.2	95.3	96.3	96.7	97.3	98.0	98.5	98.8
GE 200	35.5	60.1	66.8	72.2	79.4	82.6	87.8	91.4	92.2	95.5	96.8	97.2	97.9	98.6	99.2	99.5
GE 100	35.5	60.1	66.8	72.2	79.4	82.6	87.8	91.4	92.2	95.5	96.8	97.2	97.9	98.6	99.2	99.8
GE 0	35.5	60.1	66.8	72.2	79.4	82.6	87.8	91.4	92.2	95.5	96.8	97.2	97.9	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.0	36.5	38.6	39.5	40.8	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 20000	28.5	40.2	42.4	43.3	44.8	44.9	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 18000	28.6	40.3	42.5	43.3	45.0	45.1	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 16000	28.6	40.3	42.5	43.3	45.0	45.1	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 14000	28.7	40.4	42.6	43.7	45.1	45.2	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 12000	29.2	41.2	43.5	44.5	45.9	46.1	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 10000	31.1	45.1	47.5	48.5	50.1	50.2	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 9000	31.2	45.5	47.9	49.3	50.6	50.8	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 8000	31.9	46.8	49.2	50.3	51.9	52.1	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 7000	32.6	48.1	50.5	51.5	53.2	53.4	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 6000	32.7	48.6	51.2	52.3	54.2	54.3	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 5000	33.1	50.1	52.5	53.8	55.5	55.7	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 4500	33.2	50.3	53.1	54.3	56.3	56.5	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 4000	33.8	51.6	54.4	55.8	57.7	58.0	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 3500	35.0	53.7	56.7	58.2	60.2	60.4	60.7	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.3
GE 3000	36.6	56.1	59.0	60.9	62.9	63.1	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 2500	39.8	62.2	65.7	68.3	70.2	70.6	71.1	71.6	71.6	71.8	71.8	71.8	72.0	72.0	72.0	72.0
GE 2000	42.3	66.5	70.3	73.3	75.9	76.2	76.9	77.4	77.4	77.7	77.9	77.9	78.0	78.0	78.0	78.0
GE 1800	42.6	67.0	70.9	73.9	76.7	77.0	77.9	78.3	78.3	78.7	78.8	78.8	78.9	78.9	78.9	78.9
GE 1500	43.6	69.5	74.2	77.5	80.7	81.4	82.6	83.2	83.2	83.5	83.6	83.6	83.7	83.7	83.7	83.7
GE 1200	44.1	71.5	76.2	79.9	83.2	84.1	85.4	86.1	86.1	86.6	86.7	86.7	86.8	86.8	86.8	86.8
GE 1000	44.3	72.4	77.4	81.3	84.9	85.9	87.2	88.0	88.0	88.7	88.9	88.9	89.4	89.4	89.4	89.4
GE 900	44.3	72.9	78.4	83.3	86.8	87.8	89.0	89.9	89.9	90.6	90.9	90.9	91.4	91.5	91.5	91.5
GE 800	44.3	72.9	78.6	83.3	87.4	88.6	90.1	91.0	91.0	91.8	92.3	92.3	92.9	93.1	93.1	93.1
GE 700	44.3	73.0	78.7	83.5	88.2	89.4	91.0	92.3	92.3	93.1	93.6	93.6	94.2	94.3	94.3	94.3
GE 600	44.3	73.0	78.8	83.5	88.5	90.0	91.8	93.6	93.6	94.5	95.1	95.1	95.6	95.8	95.8	95.8
GE 500	44.3	73.1	79.2	84.0	89.0	90.7	92.7	94.6	94.7	95.6	96.3	96.5	97.2	97.3	97.3	97.6
GE 400	44.3	73.1	79.3	84.1	89.2	91.0	93.2	95.3	95.5	96.7	97.5	97.6	98.5	98.7	98.7	99.1
GE 300	44.3	73.1	79.3	84.1	89.2	91.0	93.2	95.3	95.5	96.7	97.5	97.6	98.9	99.2	99.2	99.5
GE 200	44.3	73.1	79.3	84.1	89.2	91.0	93.2	95.3	95.5	96.8	97.8	97.9	99.3	99.5	99.5	99.9
GE 100	44.3	73.1	79.3	84.1	89.2	91.0	93.2	95.3	95.5	96.8	97.8	97.9	99.3	99.5	99.5	100.0
GE 0	44.3	73.1	79.3	84.1	89.2	91.0	93.2	95.3	95.5	96.8	97.8	97.9	99.3	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	29.6	38.8	39.8	39.9	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 20000	33.7	44.6	46.2	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 18000	33.7	44.6	46.2	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 16000	33.7	44.6	46.2	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 14000	34.6	45.8	47.3	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 12000	35.2	46.6	48.2	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 10000	36.0	49.0	50.5	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 9000	36.3	49.7	51.2	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 8000	38.0	52.1	53.6	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 7000	39.1	53.5	55.0	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 6000	39.3	54.3	55.8	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 5000	40.3	55.7	57.4	57.7	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 4500	41.1	57.0	58.7	59.0	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 4000	42.4	59.1	60.8	61.1	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 3500	44.5	61.8	63.5	63.8	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 3000	45.6	63.8	65.5	65.8	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 2500	48.6	69.5	71.4	72.3	73.3	73.3	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 2000	51.1	74.1	76.6	77.9	79.2	79.3	80.2	80.3	80.3	80.6	80.7	80.7	80.9	80.9	80.9	80.9
GE 1800	51.2	74.9	77.4	78.7	80.0	80.1	81.0	81.2	81.3	81.5	81.6	81.6	81.9	81.9	81.9	81.9
GE 1600	52.1	77.7	80.8	82.2	83.7	83.9	85.3	85.6	85.7	86.0	86.1	86.1	86.3	86.3	86.3	86.3
GE 1200	52.4	78.7	82.1	83.5	86.2	86.5	87.9	88.5	88.6	88.8	88.9	88.9	89.2	89.2	89.2	89.2
GE 1000	52.4	78.8	82.4	84.0	87.0	87.4	88.9	89.5	89.8	90.0	90.3	90.7	90.9	90.9	90.9	90.9
GE 900	52.4	78.8	82.6	84.2	87.8	88.1	89.6	90.7	90.9	91.3	91.8	92.1	92.5	92.5	92.5	92.5
GE 800	52.4	78.9	82.9	84.7	88.3	89.0	90.7	91.8	92.0	92.6	93.5	93.9	94.2	94.2	94.2	94.2
GE 700	52.4	78.9	82.9	84.8	88.8	89.8	91.4	92.5	92.7	93.3	94.5	94.8	95.2	95.2	95.2	95.2
GE 600	52.4	78.9	82.9	84.8	88.8	90.0	91.8	92.8	93.1	93.8	95.1	95.4	96.0	96.0	96.1	96.1
GE 500	52.4	78.9	82.9	84.8	89.0	90.3	92.1	93.3	93.5	94.3	95.8	96.1	96.8	96.9	97.1	97.1
GE 400	52.4	78.9	82.9	84.8	89.4	90.7	92.6	94.0	94.2	95.1	96.7	97.1	98.0	98.1	98.4	98.4
GE 300	52.4	78.9	82.9	84.8	89.4	90.7	92.7	94.3	94.6	95.4	97.3	97.6	98.7	98.8	99.2	99.2
GE 200	52.4	78.9	82.9	84.8	89.4	90.7	92.7	94.3	94.6	95.4	97.4	97.9	99.2	99.4	99.9	99.9
GE 100	52.4	78.9	82.9	84.8	89.4	90.7	92.7	94.3	94.6	95.4	97.4	97.9	99.2	99.4	99.9	99.9
GE 0	52.4	78.9	82.9	84.8	89.4	90.7	92.7	94.3	94.6	95.4	97.4	97.9	99.2	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.3	38.3	39.3	39.9	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 20000	37.2	45.0	46.1	46.6	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 18000	37.5	45.2	46.3	46.9	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 16000	37.5	45.2	46.3	46.9	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 14000	38.0	45.9	47.0	47.5	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 12000	39.0	46.9	47.9	48.5	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 10000	40.9	50.1	51.1	51.8	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 9000	40.9	50.6	51.7	52.4	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 8000	42.4	53.1	54.2	54.9	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 7000	42.8	53.7	54.8	55.5	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 6000	43.2	54.5	55.6	56.3	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 5000	44.8	57.1	58.2	58.9	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 4500	46.3	59.5	60.5	61.2	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 4000	47.5	61.1	62.2	62.9	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 3500	48.6	63.3	64.3	65.1	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 3000	51.2	66.7	67.8	68.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 2500	53.2	70.0	71.1	72.1	73.4	73.6	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9
GE 2000	56.3	74.7	76.3	77.7	79.6	79.9	80.0	80.0	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.4
GE 1800	57.1	76.0	77.6	79.0	80.9	81.2	81.3	81.3	81.5	81.5	81.6	81.6	81.7	81.7	81.7	81.7
GE 1500	58.8	80.1	82.2	84.1	86.3	86.7	87.4	87.5	87.8	87.9	88.0	88.0	88.1	88.1	88.1	88.1
GE 1200	58.9	80.7	83.0	85.2	87.8	88.2	89.3	89.4	89.6	90.0	90.1	90.1	90.2	90.2	90.2	90.2
GE 1000	58.9	80.8	83.3	85.7	88.5	89.2	90.3	90.6	90.8	91.3	91.4	91.4	91.6	91.6	91.6	91.6
GE 900	58.9	81.3	83.7	86.3	89.0	89.8	90.9	91.2	91.4	91.9	92.0	92.0	92.3	92.3	92.3	92.3
GE 800	58.9	81.4	84.0	86.5	89.5	90.5	91.6	91.9	92.1	93.6	93.8	93.8	94.1	94.1	94.1	94.1
GE 700	58.9	81.4	84.0	86.7	89.9	90.9	92.2	92.5	92.7	94.2	94.3	94.3	94.7	94.7	94.7	94.7
GE 600	58.9	81.4	84.0	86.7	89.9	91.2	92.5	92.7	92.9	94.5	94.7	94.8	95.2	95.3	95.3	95.3
GE 500	58.9	81.6	84.2	87.0	90.2	91.5	92.9	93.2	93.4	95.3	95.9	96.0	96.3	96.6	96.7	96.7
GE 400	58.9	81.6	84.2	87.0	90.2	91.6	93.2	93.5	93.8	95.8	96.3	96.5	96.8	97.3	97.4	97.4
GE 300	58.9	81.6	84.2	87.0	90.5	91.9	93.4	93.8	94.0	96.5	97.3	97.4	97.9	98.4	98.6	98.7
GE 200	58.9	81.6	84.2	87.0	90.5	91.9	93.4	93.9	94.1	96.6	97.5	97.6	98.2	98.8	99.2	99.4
GE 100	58.9	81.6	84.2	87.0	90.5	91.9	93.4	93.9	94.1	96.6	97.5	97.6	98.2	98.9	99.3	99.8
GE 0	58.9	81.6	84.2	87.0	90.5	91.9	93.4	93.9	94.1	96.6	97.5	97.6	98.2	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	29.1	37.2	37.8	38.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 20000	34.2	42.8	43.5	44.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 18000	34.5	43.1	43.8	44.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 16000	34.5	43.1	43.8	44.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 14000	34.7	43.5	44.3	45.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 12000	35.5	44.4	45.2	46.3	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 10000	38.5	49.0	49.8	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 9000	39.1	49.6	50.4	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 8000	40.0	51.0	51.8	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 7000	40.9	52.1	52.9	54.1	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 6000	41.5	53.0	53.8	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 5000	44.8	56.8	57.6	58.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 4500	47.6	60.7	61.5	62.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 4000	48.4	61.8	62.9	64.4	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 3500	49.8	64.2	65.3	66.3	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 3000	52.1	67.6	68.9	70.7	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2500	54.1	71.0	72.8	74.7	76.2	76.2	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
GE 2000	55.4	74.6	76.6	78.5	80.7	80.8	80.9	80.9	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2
GE 1800	56.1	75.6	77.7	79.9	82.0	82.1	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 1500	58.3	78.9	81.5	83.9	86.2	87.0	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 1200	58.4	79.2	81.7	84.3	86.9	87.9	88.0	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5
GE 1000	58.7	80.1	82.9	85.6	88.7	90.0	90.2	90.6	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9
GE 900	58.7	80.6	83.5	86.3	89.5	90.8	91.2	91.5	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0
GE 800	58.7	80.7	83.7	86.7	90.3	91.9	92.2	92.7	92.8	93.4	93.6	93.6	93.8	93.8	93.8	93.8
GE 700	58.8	81.2	84.3	87.3	91.2	92.7	93.1	93.5	93.6	94.2	94.7	94.7	94.8	94.8	94.8	94.8
GE 600	58.8	81.3	84.5	87.4	91.3	92.9	93.3	93.8	93.9	94.5	94.9	95.3	95.4	95.4	95.4	95.4
GE 500	58.8	81.3	84.5	87.4	91.8	93.4	93.8	94.7	94.8	95.6	96.2	96.6	96.7	96.8	96.8	96.9
GE 400	58.8	81.3	84.5	87.3	91.8	93.4	93.9	95.1	95.2	96.1	96.7	97.1	97.3	97.4	97.4	97.5
GE 300	58.8	81.3	84.5	87.3	92.1	93.8	94.2	95.5	95.6	97.2	97.8	98.1	98.5	98.6	98.6	98.7
GE 200	58.8	81.3	84.5	87.3	92.1	93.8	94.2	95.6	95.8	97.3	97.9	98.2	98.6	98.7	98.7	98.8
GE 100	58.8	81.3	84.5	87.3	92.1	93.8	94.2	95.6	95.8	97.3	97.9	98.2	98.6	98.7	98.7	99.3
GE 0	58.8	81.3	84.5	87.3	92.1	93.8	94.2	95.6	95.8	97.3	97.9	98.2	98.6	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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	27.0	34.7	36.0	37.3	38.5	39.2	39.6	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.1
GE 20000	30.3	38.9	40.4	41.6	43.0	43.7	44.1	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.7	44.7
GE 18000	30.4	39.0	40.5	41.6	43.1	43.8	44.2	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.8	44.8
GE 16000	30.4	39.0	40.5	41.6	43.1	43.8	44.2	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.8	44.8
GE 14000	30.8	39.5	40.9	42.1	43.6	44.3	44.7	45.1	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3
GE 12000	31.3	40.3	41.8	42.9	44.5	45.2	45.6	46.0	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.3
GE 10000	32.9	42.9	44.6	45.8	47.4	48.1	48.6	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.2
GE 9000	33.1	43.4	45.1	46.3	47.9	48.7	49.1	49.5	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.8
GE 8000	34.5	45.3	47.0	48.3	49.9	50.7	51.1	51.5	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.8
GE 7000	35.2	46.4	48.2	49.4	51.1	51.9	52.3	52.7	52.7	52.8	52.9	52.9	52.9	52.9	52.9	53.0
GE 6000	35.6	47.3	49.1	50.4	52.1	52.9	53.3	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	54.0
GE 5000	37.3	49.9	51.8	53.2	54.9	55.7	56.2	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.9
GE 4500	38.8	52.1	54.1	55.5	57.4	58.2	58.7	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.4
GE 4000	39.8	53.8	55.9	57.5	59.4	60.2	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.4	61.4
GE 3500	41.0	55.8	58.0	59.6	61.6	62.5	63.0	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.7	63.8
GE 3000	42.9	58.6	60.8	62.6	64.7	65.7	66.2	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.9	66.9
GE 2500	44.9	62.3	64.9	67.0	69.5	70.5	71.2	71.7	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.2
GE 2000	47.0	65.9	68.8	71.2	74.1	75.1	76.0	76.5	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.1
GE 1800	47.4	66.7	69.6	72.1	75.0	76.1	77.0	77.5	77.6	77.9	78.0	78.0	78.0	78.0	78.1	78.1
GE 1500	48.7	69.8	73.3	76.1	79.5	80.8	82.0	82.6	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.4
GE 1200	49.1	71.3	75.0	77.9	81.7	83.1	84.4	85.2	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.1
GE 1000	49.4	72.3	76.2	79.4	83.6	85.2	86.7	87.7	88.0	88.5	88.7	88.8	88.9	88.9	89.0	89.1
GE 900	49.4	72.7	76.8	80.2	84.6	86.3	87.9	89.0	89.3	89.8	90.1	90.2	90.4	90.4	90.5	90.6
GE 800	49.5	73.0	77.3	80.8	85.5	87.4	89.3	90.5	90.8	91.7	92.1	92.2	92.4	92.4	92.6	92.7
GE 700	49.5	73.1	77.5	81.2	86.1	88.0	90.1	91.4	91.7	92.6	93.1	93.2	93.5	93.5	93.6	93.7
GE 600	49.6	73.2	77.6	81.3	86.4	88.5	90.5	92.0	92.3	93.4	93.9	94.1	94.4	94.4	94.6	94.6
GE 500	49.6	73.4	77.8	81.5	86.8	89.0	91.2	92.9	93.3	94.6	95.3	95.5	95.9	96.0	96.1	96.3
GE 400	49.6	73.4	77.8	81.5	86.9	89.1	91.5	93.3	93.7	95.1	95.9	96.1	96.6	96.7	96.9	97.1
GE 300	49.6	73.4	77.8	81.5	87.0	89.3	91.7	93.7	94.1	95.8	96.8	97.0	97.6	97.9	98.1	98.3
GE 200	49.6	73.4	77.8	81.6	87.0	89.3	91.7	93.8	94.2	95.9	97.0	97.3	98.1	98.4	98.6	98.9
GE 100	49.6	73.4	77.8	81.6	87.0	89.3	91.7	93.8	94.2	95.9	97.1	97.3	98.2	98.5	98.8	99.4
GE 0	49.6	73.4	77.8	81.6	87.0	89.3	91.7	93.8	94.2	95.9	97.1	97.3	98.2	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 6792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 0300-0200

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	35.7	38.0	38.3	38.8	39.5	39.9	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 20000	39.0	41.5	41.8	42.4	43.0	43.4	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 18000	39.2	41.7	42.0	42.5	43.2	43.7	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 16000	39.2	41.7	42.0	42.6	43.2	43.7	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 14000	39.5	42.0	42.4	42.9	43.5	44.0	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 12000	40.4	43.0	43.3	43.9	44.5	44.9	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 10000	41.4	44.3	44.6	45.2	45.8	46.2	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 9000	41.4	44.3	44.6	45.2	45.8	46.2	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 8000	44.2	47.7	48.1	48.6	49.4	49.8	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 7000	46.0	49.9	50.2	50.8	51.5	52.0	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 6000	47.5	51.4	51.7	52.3	53.0	53.5	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 5000	51.1	55.6	56.0	56.6	57.3	57.8	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 4500	54.9	60.2	60.8	61.5	62.4	62.9	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4000	55.7	62.3	62.8	63.9	65.1	65.6	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 3500	58.1	65.1	65.7	66.9	68.4	68.9	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 3000	60.1	67.7	68.6	69.8	71.3	71.9	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 2500	63.5	71.8	73.2	74.5	76.2	77.0	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 2000	66.1	75.5	77.3	78.7	80.6	81.5	82.3	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6
GE 1800	67.0	76.5	78.3	79.8	81.7	82.6	83.3	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7
GE 1500	68.3	79.8	81.7	83.2	85.6	86.8	87.6	87.7	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0
GE 1200	68.5	80.4	82.4	84.1	86.5	87.6	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	68.8	81.6	83.5	85.5	88.1	89.2	90.4	90.5	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	68.8	82.5	84.7	86.9	89.5	90.6	91.9	92.0	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5
GE 800	68.8	83.0	85.8	88.3	91.5	92.7	94.1	94.2	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 700	68.8	83.2	86.0	88.7	92.8	94.0	95.4	95.6	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	68.8	83.2	86.1	88.8	93.1	94.3	96.1	96.3	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	68.8	83.2	86.3	89.3	94.2	95.6	97.4	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	68.8	83.3	86.5	89.9	94.4	95.9	98.0	98.5	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	68.8	83.3	86.5	89.9	94.4	95.9	98.0	98.5	98.5	99.1	99.8	99.8	99.8	99.9	100.0	100.0
GE 200	68.8	83.3	86.5	89.9	94.4	95.9	98.0	98.5	98.5	99.1	99.8	99.8	99.8	99.9	100.0	100.0
GE 100	68.8	83.3	86.5	89.9	94.4	95.9	98.0	98.5	98.5	99.1	99.8	99.8	99.8	99.9	100.0	100.0
GE 0	68.8	83.3	86.5	89.9	94.4	95.9	98.0	98.5	98.5	99.1	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: MAR 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	31.7	35.4	37.2	37.4	37.8	38.1	38.3	38.6	38.6	38.7	39.0	39.0	39.4	39.4	39.4	39.5
GE 20000	35.5	39.4	41.2	41.4	41.8	42.0	42.3	42.6	42.6	42.7	43.0	43.0	43.3	43.3	43.3	43.4
GE 18000	35.5	39.4	41.2	41.4	41.8	42.0	42.3	42.6	42.6	42.7	43.0	43.0	43.3	43.3	43.3	43.4
GE 16000	35.5	39.4	41.2	41.4	41.8	42.0	42.3	42.6	42.6	42.7	43.0	43.0	43.3	43.3	43.3	43.4
GE 14000	35.8	39.7	41.5	41.7	42.2	42.4	42.6	42.9	42.9	43.0	43.3	43.3	43.7	43.7	43.7	43.8
GE 12000	36.5	40.3	42.2	42.4	42.8	43.0	43.2	43.5	43.5	43.7	44.0	44.0	44.3	44.3	44.3	44.4
GE 10000	38.1	42.0	43.9	44.1	44.5	44.7	44.9	45.3	45.3	45.4	45.7	45.7	46.0	46.0	46.0	46.1
GE 9000	38.5	42.5	44.3	44.5	44.9	45.2	45.4	45.7	45.7	45.8	46.1	46.1	46.5	46.5	46.5	46.6
GE 8000	40.1	45.2	47.1	47.4	48.0	48.4	48.6	48.9	48.9	49.0	49.4	49.4	49.8	49.8	49.9	50.0
GE 7000	41.7	46.9	49.0	49.4	49.9	50.3	50.5	50.9	50.9	51.0	51.3	51.3	51.7	51.7	51.8	51.9
GE 6000	42.5	47.7	49.9	50.2	50.8	51.2	51.4	51.7	51.7	51.8	52.2	52.2	52.6	52.6	52.7	52.8
GE 5000	45.4	51.3	53.4	53.8	54.4	54.9	55.4	55.7	55.7	55.8	56.1	56.1	56.6	56.6	56.7	56.8
GE 4500	48.8	55.2	57.5	58.0	58.7	59.2	59.7	60.0	60.0	60.1	60.4	60.4	60.9	60.9	61.0	61.1
GE 4000	50.0	56.7	59.0	59.5	60.2	60.8	61.2	61.5	61.5	61.6	61.9	61.9	62.4	62.4	62.5	62.6
GE 3500	53.0	60.1	62.7	63.3	64.1	64.7	65.2	65.5	65.5	65.6	65.9	65.9	66.3	66.3	66.5	66.6
GE 3000	54.7	62.4	65.1	65.8	66.6	67.2	67.6	68.0	68.0	68.1	68.4	68.4	68.8	68.8	68.9	69.0
GE 2500	59.5	68.0	71.0	71.7	72.7	73.4	73.9	74.2	74.2	74.3	74.6	74.6	75.1	75.1	75.2	75.3
GE 2000	62.0	71.1	74.2	75.1	76.2	77.0	77.4	77.7	77.8	78.0	78.3	78.3	78.7	78.7	78.8	78.9
GE 1800	62.8	72.4	75.7	76.7	78.0	78.7	79.1	79.5	79.6	79.7	80.0	80.0	80.4	80.4	80.5	80.6
GE 1500	64.7	75.8	79.6	80.9	82.7	83.5	84.0	84.3	84.5	84.6	84.9	84.9	85.4	85.4	85.5	85.6
GE 1200	65.3	78.0	81.9	83.2	85.1	85.9	86.3	86.7	86.9	87.0	87.3	87.3	87.7	87.7	87.8	88.0
GE 1000	65.8	79.8	83.8	85.1	87.2	88.1	88.6	89.1	89.6	89.7	90.0	90.0	90.4	90.4	90.5	90.6
GE 900	65.9	80.3	84.7	86.3	88.6	89.5	90.0	90.5	91.0	91.1	91.4	91.4	91.8	91.8	91.9	92.0
GE 800	66.0	80.9	85.4	87.0	89.4	90.9	91.4	92.0	92.5	92.7	93.0	93.0	93.4	93.4	93.5	93.7
GE 700	66.0	81.3	85.8	87.4	90.1	91.7	92.3	93.1	93.5	93.8	94.1	94.1	94.5	94.5	94.6	94.7
GE 600	66.0	81.7	86.3	88.1	90.9	92.6	93.3	94.2	94.7	95.2	95.5	95.5	95.9	95.9	96.0	96.1
GE 500	66.2	82.3	87.2	89.0	92.0	93.9	94.6	95.6	96.2	97.0	97.3	97.3	97.7	97.7	97.8	98.0
GE 400	66.2	82.3	87.2	89.0	92.0	93.9	94.8	95.9	96.6	97.4	97.8	97.8	98.4	98.4	98.5	98.6
GE 300	66.2	82.3	87.2	89.0	92.0	93.9	94.9	96.1	96.8	97.7	98.5	98.5	99.1	99.1	99.2	99.4
GE 200	66.2	82.3	87.2	89.0	92.0	93.9	94.9	96.1	96.8	97.7	98.7	98.7	99.5	99.5	99.6	99.8
GE 100	66.2	82.3	87.2	89.0	92.0	93.9	94.9	96.1	96.8	97.7	98.7	98.7	99.5	99.5	99.6	100.0
GE 0	66.2	82.3	87.2	89.0	92.0	93.9	94.9	96.1	96.8	97.7	98.7	98.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.5	32.0	34.6	36.5	37.2	37.7	38.3	38.6	38.8	38.9	39.0	39.1	39.1	39.1	39.2	39.4
GE 20000	27.5	34.7	37.3	39.4	40.1	40.6	41.3	41.6	41.8	41.9	42.0	42.2	42.2	42.2	42.3	42.4
GE 18000	27.6	34.8	37.4	39.5	40.2	40.8	41.4	41.7	41.9	42.0	42.2	42.3	42.3	42.3	42.4	42.5
GE 16000	27.6	34.8	37.4	39.5	40.2	40.8	41.4	41.7	41.9	42.0	42.2	42.3	42.3	42.3	42.4	42.5
GE 14000	27.6	34.9	37.6	39.8	40.5	41.1	41.7	42.0	42.3	42.4	42.5	42.6	42.6	42.6	42.7	42.8
GE 12000	28.2	35.9	38.6	40.9	41.6	42.2	42.8	43.1	43.4	43.5	43.7	43.8	43.8	43.8	43.9	44.0
GE 10000	29.8	37.5	40.2	42.7	43.4	44.0	44.6	44.9	45.3	45.4	45.5	45.6	45.6	45.6	45.7	45.8
GE 9000	30.1	37.8	40.5	43.0	43.8	44.3	44.9	45.3	45.6	45.7	45.8	45.9	45.9	45.9	46.0	46.1
GE 8000	32.7	41.5	44.4	46.9	48.0	48.5	49.1	49.5	49.8	49.9	50.0	50.1	50.1	50.1	50.2	50.3
GE 7000	33.5	42.6	46.0	48.5	49.6	50.1	50.8	51.1	51.4	51.5	51.6	51.7	51.7	51.7	51.8	51.9
GE 6000	34.4	43.4	47.0	49.5	50.8	51.3	52.0	52.4	52.7	52.8	52.9	53.0	53.0	53.0	53.1	53.2
GE 5000	36.5	46.1	49.9	52.5	53.7	54.6	55.4	55.7	56.0	56.1	56.2	56.3	56.3	56.3	56.5	56.6
GE 4500	38.5	49.1	53.1	55.8	57.0	58.0	58.7	59.0	59.4	59.5	59.6	59.7	59.7	59.7	59.8	59.9
GE 4000	39.8	51.2	55.3	58.1	59.2	60.2	61.0	61.3	61.6	61.8	61.9	62.0	62.0	62.0	62.2	62.3
GE 3500	42.4	54.0	58.4	61.2	62.5	63.4	64.2	64.5	64.8	65.1	65.2	65.3	65.3	65.3	65.4	65.5
GE 3000	44.6	57.6	62.4	65.5	66.9	67.8	68.7	69.0	69.5	69.7	69.8	69.9	69.9	69.9	70.0	70.1
GE 2500	46.9	61.3	66.3	69.9	71.4	72.4	73.3	73.7	74.1	74.3	74.4	74.5	74.5	74.5	74.6	74.7
GE 2000	48.4	64.2	69.5	73.3	74.8	75.8	76.8	77.1	77.5	77.7	77.8	78.0	78.0	78.0	78.1	78.2
GE 1800	48.7	65.3	70.8	74.4	76.2	77.2	78.2	78.5	78.9	79.1	79.2	79.4	79.4	79.4	79.5	79.6
GE 1500	49.9	68.0	74.1	78.3	80.6	81.6	82.6	82.9	83.3	83.5	83.8	83.9	83.9	83.9	84.0	84.1
GE 1200	50.5	69.5	75.9	80.2	83.1	84.3	85.3	85.6	86.0	86.2	86.5	86.6	86.6	86.6	86.7	86.9
GE 1000	50.9	70.5	77.3	81.9	84.9	86.1	87.2	87.6	88.1	88.3	88.5	88.6	88.6	88.6	88.7	88.8
GE 900	51.2	71.9	78.7	83.5	87.0	88.2	89.4	89.9	90.3	90.5	90.8	90.9	90.9	90.9	91.0	91.1
GE 800	51.4	72.8	79.8	84.7	88.6	89.9	91.1	91.8	92.4	92.7	92.9	93.0	93.0	93.0	93.1	93.2
GE 700	51.6	73.5	80.6	85.9	89.9	91.2	92.4	93.2	93.8	94.1	94.4	94.5	94.5	94.5	94.6	94.7
GE 600	51.6	73.7	80.8	86.1	90.1	91.7	93.0	94.0	94.5	95.3	95.6	95.7	95.7	95.7	95.8	95.9
GE 500	51.6	73.9	81.4	87.3	91.0	93.1	94.5	95.6	96.1	97.2	97.6	97.7	97.7	97.7	98.0	98.1
GE 400	51.6	73.9	81.4	87.3	91.0	93.3	94.7	96.0	96.6	97.7	98.5	98.6	98.7	98.7	98.9	99.0
GE 300	51.6	73.9	81.4	87.3	91.0	93.3	94.7	96.0	96.6	98.0	98.8	98.9	99.2	99.2	99.5	99.6
GE 200	51.6	73.9	81.4	87.3	91.0	93.3	94.7	96.0	96.6	98.0	98.8	98.9	99.2	99.2	99.5	99.6
GE 100	51.6	73.9	81.4	87.3	91.0	93.3	94.7	96.0	96.6	98.0	98.9	99.0	99.4	99.4	99.6	99.7
GE 0	51.6	73.9	81.4	87.3	91.0	93.3	94.7	96.0	96.6	98.0	98.9	99.0	99.4	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: MAR 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	26.1	33.9	35.4	35.9	36.5	36.7	36.7	36.9	36.9	36.9	37.1	37.1	37.1	37.1	37.1	37.1
GE 20000	31.3	39.7	41.2	41.3	42.4	42.7	42.7	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1
GE 18000	31.3	39.7	41.2	41.3	42.4	42.7	42.7	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1
GE 16000	31.3	39.7	41.2	41.3	42.4	42.7	42.7	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1
GE 14000	31.8	40.5	42.0	42.7	43.2	43.5	43.5	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0
GE 12000	32.8	41.8	43.3	44.0	44.5	44.8	44.8	45.1	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.3
GE 10000	34.3	44.6	46.1	46.9	47.4	47.7	47.7	48.0	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2
GE 9000	34.6	44.9	46.5	47.2	47.7	48.1	48.1	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5
GE 8000	36.1	47.1	49.5	50.3	51.0	51.3	51.3	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7
GE 7000	36.2	47.4	50.1	51.4	52.0	52.4	52.4	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8
GE 6000	36.8	48.3	51.0	52.4	53.0	53.3	53.3	53.5	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8
GE 5000	38.5	51.6	54.5	55.9	56.6	56.9	56.9	57.1	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3
GE 4500	39.1	52.7	55.7	57.2	58.0	58.3	58.4	58.6	58.6	58.6	58.8	58.8	58.9	58.8	58.8	58.8
GE 4000	41.1	55.1	58.4	60.1	61.0	61.3	61.4	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8
GE 3500	42.5	57.2	61.0	62.7	63.8	64.1	64.2	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6
GE 3000	44.5	60.4	64.2	65.9	67.1	67.5	67.8	68.1	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4
GE 2500	47.0	64.3	68.4	70.9	72.5	73.2	73.7	73.9	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2
GE 2000	49.2	67.3	71.6	74.1	75.8	76.6	77.1	77.3	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6
GE 1800	49.5	67.7	72.2	74.6	76.6	77.3	78.0	78.2	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5
GE 1500	51.3	70.4	75.3	78.0	81.1	82.0	83.0	83.3	83.4	83.7	83.9	83.9	84.0	84.0	84.0	84.0
GE 1200	51.8	72.2	77.3	80.2	83.9	84.8	85.9	86.5	86.6	86.8	87.0	87.0	87.1	87.1	87.1	87.1
GE 1000	52.0	73.0	78.5	81.7	85.5	86.6	87.8	88.5	88.6	88.9	89.1	89.1	89.2	89.2	89.2	89.2
GE 900	52.2	73.3	79.1	83.2	87.2	88.4	89.8	90.4	90.5	90.9	91.1	91.1	91.2	91.2	91.2	91.2
GE 800	52.2	74.5	80.5	84.9	89.5	90.8	92.4	93.3	93.4	94.0	94.2	94.2	94.3	94.3	94.3	94.3
GE 700	52.2	74.6	80.8	85.5	90.3	91.7	93.3	94.3	94.4	94.9	95.4	95.4	95.5	95.5	95.5	95.5
GE 600	52.2	74.8	81.1	86.0	90.9	92.5	94.1	95.1	95.2	95.7	96.1	96.1	96.2	96.2	96.2	96.2
GE 500	52.2	74.8	81.2	86.3	91.7	93.5	95.2	96.3	96.6	97.4	98.0	98.0	98.1	98.2	98.2	98.2
GE 400	52.2	74.8	81.2	86.3	91.8	93.7	95.5	96.8	97.0	97.8	98.6	98.7	98.9	99.0	99.0	99.0
GE 300	52.2	74.8	81.2	86.3	91.8	93.7	95.5	96.8	97.0	97.8	98.8	98.9	99.2	99.5	99.6	99.6
GE 200	52.2	74.8	81.2	86.3	91.8	93.7	95.5	96.8	97.0	97.8	98.8	98.9	99.5	99.7	99.8	99.9
GE 100	52.2	74.8	81.2	86.3	91.8	93.7	95.5	96.8	97.0	97.8	98.8	98.9	99.5	99.8	99.9	100.0
GE 0	52.2	74.8	81.2	86.3	91.8	93.7	95.5	96.8	97.0	97.8	98.8	98.9	99.5	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.8	35.7	36.2	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 20000	34.1	41.9	42.5	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 18000	34.4	42.3	42.8	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 16000	34.6	42.5	43.0	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 14000	35.1	43.2	43.8	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 12000	35.6	43.9	44.4	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 10000	37.1	46.5	47.0	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 9000	37.5	47.0	47.5	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 8000	40.1	50.3	50.9	51.1	51.4	51.8	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 7000	41.1	51.3	52.2	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 6000	41.5	51.8	52.9	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 5000	43.9	54.8	55.9	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 4500	44.3	55.6	56.7	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 4000	45.8	58.0	59.2	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 3500	47.4	60.2	61.6	62.5	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 3000	49.7	64.3	65.9	67.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 2500	53.7	70.8	72.7	74.2	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2000	57.4	75.6	77.7	79.3	81.5	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1800	57.8	76.2	78.5	80.5	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1500	59.2	78.6	81.4	83.5	86.3	86.6	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	59.6	81.3	84.3	87.3	89.9	90.1	90.4	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	59.6	81.6	85.1	87.7	91.9	91.5	91.9	91.9	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 900	59.9	82.5	86.0	88.8	92.2	92.8	93.5	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 800	60.0	83.3	87.0	89.9	93.3	94.2	95.2	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	60.0	83.5	87.4	91.1	94.7	95.7	96.8	97.1	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	60.0	83.7	88.0	91.7	95.4	96.3	97.4	97.7	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	60.0	83.8	88.1	91.8	95.8	96.9	98.0	98.4	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	60.0	83.8	88.1	91.8	95.8	96.9	98.0	98.7	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	60.0	83.8	88.1	91.8	95.8	96.9	98.0	98.7	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	60.0	83.8	88.1	91.8	95.8	96.9	98.0	98.7	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	60.0	83.8	88.1	91.8	95.8	96.9	98.0	98.7	98.9	99.5	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	60.0	83.8	88.1	91.8	95.8	96.9	98.0	98.7	98.9	99.5	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.7	33.5	33.9	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 20000	35.5	41.1	41.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 18000	36.2	41.9	42.4	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 16000	36.2	41.9	42.4	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 14000	36.5	42.2	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 12000	37.4	43.1	43.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 10000	39.1	45.1	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 9000	39.4	45.3	45.8	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 8000	41.3	48.0	48.5	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 7000	42.7	49.5	50.1	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 6000	42.9	50.0	50.6	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 5000	45.7	53.5	54.4	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 4500	46.9	55.5	56.5	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 4000	49.0	58.7	59.8	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 3500	51.4	61.9	63.0	63.1	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 3000	55.5	67.4	68.9	69.2	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 2500	59.9	73.3	75.8	76.3	77.5	77.7	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2000	62.7	78.1	80.8	81.4	82.7	83.0	83.3	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1800	62.8	78.5	81.2	82.3	83.1	83.4	83.8	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1500	63.3	81.0	84.5	86.1	87.8	88.3	88.7	89.0	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	63.7	82.5	86.2	88.1	90.1	90.6	91.8	92.4	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	63.9	82.9	86.9	89.3	91.4	92.0	93.2	93.8	94.0	94.1	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	63.9	83.3	87.4	89.9	92.5	93.3	94.5	95.1	95.3	95.4	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	63.9	83.9	88.2	90.9	93.7	94.6	96.0	96.6	96.8	96.9	97.4	97.4	97.4	97.4	97.5	97.5
GE 700	64.0	84.2	88.7	91.5	94.4	95.6	97.1	97.6	97.8	98.1	98.6	98.6	98.6	98.6	98.7	98.7
GE 600	64.0	84.3	88.8	91.6	94.8	96.0	97.6	98.2	98.5	98.7	99.2	99.2	99.2	99.2	99.4	99.4
GE 500	64.0	84.3	88.8	91.6	94.9	96.2	98.0	98.5	98.9	99.1	99.7	99.7	99.7	99.7	99.8	99.8
GE 400	64.0	84.3	88.8	91.6	94.9	96.2	98.0	98.5	98.9	99.1	99.7	99.7	99.7	99.7	99.8	99.8
GE 300	64.0	84.3	88.8	91.6	94.9	96.2	98.0	98.5	98.9	99.1	99.7	99.7	99.7	99.7	99.9	100.0
GE 200	64.0	84.3	88.8	91.6	94.9	96.2	98.0	98.5	98.9	99.1	99.7	99.7	99.7	99.7	99.9	100.0
GE 100	64.0	84.3	88.8	91.6	94.9	96.2	98.0	98.5	98.9	99.1	99.7	99.7	99.7	99.7	99.9	100.0
GE 0	64.0	84.3	88.8	91.6	94.9	96.2	98.0	98.5	98.9	99.1	99.7	99.7	99.7	99.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.5	37.2	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 20000	36.2	40.5	41.3	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 18000	36.7	41.0	41.7	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 16000	36.8	41.1	41.8	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 14000	37.0	41.3	42.0	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 12000	38.4	42.7	43.4	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 10000	40.5	45.7	46.5	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 9000	41.1	46.2	47.0	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 8000	43.5	49.2	50.3	50.3	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 7000	45.1	50.9	51.9	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 6000	45.5	51.3	52.5	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 5000	47.4	53.9	55.2	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 4500	49.2	56.1	57.6	58.3	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 4000	52.5	59.9	61.6	62.4	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 3500	55.3	64.2	65.9	66.9	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 3000	58.6	68.5	70.3	71.3	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 2500	60.6	73.8	75.8	77.1	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2000	62.3	78.1	80.4	81.9	83.5	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800	62.4	78.4	80.8	82.3	83.9	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1500	63.4	80.8	83.7	85.5	87.3	87.7	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	64.0	81.8	84.8	87.0	89.1	89.9	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	64.1	82.4	85.4	88.3	91.3	92.5	92.9	93.2	93.2	93.5	93.5	93.5	93.7	93.7	93.7	93.7
GE 900	64.1	82.5	85.6	88.7	92.2	93.3	93.8	94.2	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.7
GE 800	64.2	82.8	86.0	89.1	92.6	93.9	94.3	94.7	94.8	95.3	95.4	95.4	95.6	95.6	95.7	95.7
GE 700	64.2	83.0	86.5	89.6	93.5	95.2	95.9	96.3	96.5	97.2	97.3	97.3	97.6	97.6	97.7	97.7
GE 600	64.2	83.0	86.5	90.0	94.0	95.8	97.0	97.4	97.7	98.5	98.6	98.6	98.9	98.9	99.0	99.0
GE 500	64.2	83.0	86.7	90.2	94.2	96.0	97.2	97.6	98.0	98.8	98.9	98.9	99.2	99.2	99.4	99.4
GE 400	64.2	83.0	86.7	90.4	94.4	96.2	97.5	98.0	98.3	99.1	99.2	99.2	99.6	99.6	99.7	99.7
GE 300	64.2	83.0	86.7	90.4	94.4	96.2	97.5	98.1	98.4	99.2	99.4	99.4	99.7	99.7	99.8	99.9
GE 200	64.2	83.0	86.7	90.4	94.4	96.2	97.5	98.1	98.4	99.2	99.4	99.4	99.8	99.8	99.9	100.0
GE 100	64.2	83.0	86.7	90.4	94.4	96.2	97.5	98.1	98.4	99.2	99.4	99.4	99.8	99.8	99.9	100.0
GE 0	64.2	83.0	86.7	90.4	94.4	96.2	97.5	98.1	98.4	99.2	99.4	99.4	99.8	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.7	40.0	40.4	41.3	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 20000	40.6	43.4	43.9	44.7	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 18000	40.6	43.4	43.9	44.7	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 16000	40.6	43.4	43.9	44.7	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 14000	41.0	43.8	44.2	45.1	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 12000	41.9	44.7	45.2	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 10000	43.4	46.3	46.8	47.6	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 9000	43.7	46.6	47.0	47.8	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 8000	47.4	50.8	51.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 7000	48.9	52.5	52.9	53.8	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 6000	50.9	54.5	54.9	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 5000	53.9	58.4	59.1	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 4500	56.0	61.0	61.8	63.3	63.3	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4000	57.8	63.7	64.5	66.3	66.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 3500	58.8	65.1	66.0	67.7	68.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3000	61.1	67.7	68.7	70.4	71.1	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 2500	64.0	72.6	74.1	75.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 2000	66.0	76.0	77.7	79.5	81.3	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1800	66.8	76.9	78.6	80.4	82.2	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1600	68.0	79.9	81.6	83.3	85.8	86.6	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	68.2	80.9	82.6	84.7	86.9	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	68.5	81.9	83.8	86.5	89.0	90.3	90.9	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	68.5	82.3	84.3	87.2	89.9	91.4	91.9	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 800	68.7	82.9	85.1	88.2	91.2	92.7	93.2	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	68.7	83.2	85.7	88.9	92.4	94.0	94.6	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	68.7	83.3	86.0	89.4	92.9	94.9	95.6	96.2	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	68.7	83.3	86.2	89.8	93.9	95.9	96.6	97.5	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	68.7	83.3	86.2	89.8	94.0	96.0	96.9	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 300	68.7	83.3	86.2	89.8	94.0	96.0	96.9	98.4	98.8	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 200	68.7	83.3	86.2	90.0	94.2	96.2	97.1	98.6	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 100	68.7	83.3	86.2	90.0	94.2	96.2	97.1	98.6	99.0	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 0	68.7	83.3	86.2	90.0	94.2	96.2	97.1	98.6	99.0	99.6	99.6	99.6	99.9	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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 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	31.0	35.7	36.7	37.3	37.7	37.9	38.1	38.2	38.2	38.2	38.3	38.3	38.4	38.4	38.4	38.4
GE 20000	35.0	40.3	41.3	42.0	42.4	42.6	42.8	42.9	42.9	42.9	43.0	43.0	43.1	43.1	43.1	43.1
GE 18000	35.2	40.5	41.6	42.2	42.6	42.8	43.0	43.1	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.3
GE 16000	35.2	40.6	41.6	42.2	42.6	42.9	43.0	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.4	43.4
GE 14000	35.5	41.0	42.0	42.7	43.1	43.3	43.5	43.6	43.6	43.6	43.7	43.7	43.8	43.8	43.8	43.8
GE 12000	36.4	41.9	43.0	43.7	44.1	44.3	44.4	44.6	44.6	44.6	44.7	44.7	44.8	44.8	44.8	44.8
GE 10000	38.0	44.0	45.1	45.8	46.2	46.4	46.6	46.7	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9
GE 9000	38.3	44.3	45.4	46.1	46.5	46.7	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.3
GE 8000	40.7	47.5	48.7	49.5	50.0	50.2	50.4	50.5	50.5	50.6	50.6	50.7	50.7	50.7	50.7	50.8
GE 7000	41.9	48.9	50.3	51.1	51.6	51.9	52.1	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.5
GE 6000	42.7	49.8	51.3	52.2	52.7	52.9	53.1	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.6
GE 5000	45.3	53.2	54.8	55.7	56.2	56.6	56.8	56.9	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.2
GE 4500	47.2	55.7	57.5	58.5	59.1	59.5	59.8	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.2
GE 4000	49.0	58.2	60.1	61.2	62.0	62.4	62.6	62.7	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0
GE 3500	51.1	61.0	63.0	64.3	65.1	65.6	65.8	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.3
GE 3000	53.6	64.5	66.8	68.1	69.1	69.5	69.9	70.0	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3
GE 2500	56.9	69.5	72.2	73.9	75.2	75.7	76.1	76.2	76.3	76.4	76.5	76.5	76.5	76.5	76.6	76.6
GE 2000	59.3	73.2	76.2	78.3	79.6	80.1	80.6	80.7	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.1
GE 1800	59.7	74.0	77.0	78.9	80.5	81.1	81.5	81.7	81.8	81.9	82.0	82.0	82.0	82.0	82.1	82.1
GE 1500	61.0	76.8	80.2	82.4	84.7	85.4	85.9	86.1	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.6
GE 1200	61.4	78.3	81.9	84.3	86.8	87.7	88.4	88.6	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.2
GE 1000	61.7	79.2	83.0	85.7	88.5	89.5	90.4	90.7	90.9	91.1	91.3	91.3	91.4	91.4	91.4	91.4
GE 900	61.8	79.8	83.8	86.3	89.9	90.9	91.9	92.2	92.4	92.6	92.8	92.8	92.9	92.9	93.0	93.0
GE 800	61.9	80.5	84.7	87.9	91.2	92.4	93.5	94.0	94.1	94.4	94.7	94.7	94.8	94.8	94.8	94.8
GE 700	61.9	80.8	85.2	88.5	92.3	93.6	94.7	95.3	95.5	95.9	96.1	96.1	96.2	96.2	96.3	96.3
GE 600	61.9	81.0	85.4	89.3	92.8	94.3	95.5	96.1	96.4	96.9	97.2	97.2	97.3	97.3	97.3	97.4
GE 500	62.0	81.1	85.7	89.4	93.5	95.1	96.4	97.2	97.5	98.1	98.5	98.5	98.6	98.6	98.7	98.7
GE 400	62.0	81.1	85.8	89.5	93.5	95.3	96.7	97.6	97.9	98.6	99.0	99.0	99.2	99.2	99.3	99.3
GE 300	62.0	81.1	85.8	89.5	93.5	95.3	96.7	97.6	98.0	98.7	99.3	99.3	99.5	99.6	99.7	99.7
GE 200	62.0	81.1	85.8	89.5	93.6	95.3	96.7	97.7	98.0	98.8	99.3	99.4	99.6	99.7	99.8	99.9
GE 100	62.0	81.1	85.8	89.5	93.6	95.3	96.7	97.7	98.0	98.8	99.3	99.4	99.7	99.7	99.8	100.0
GE 0	62..	81.1	85.8	89.5	93.6	95.3	96.7	97.7	98.0	98.8	99.3	99.4	99.7	99.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: APR 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	45.6	47.3	48.0	48.5	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	48.7	51.0	52.1	52.7	53.0	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 18000	48.7	51.0	52.1	52.7	53.0	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 16000	48.7	51.0	52.1	52.7	53.0	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 14000	49.1	51.4	52.6	53.1	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 12000	50.2	52.9	54.0	54.5	54.9	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 10000	53.0	55.8	56.9	57.4	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 9000	53.3	56.1	57.2	57.8	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	57.1	60.2	61.4	62.2	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 7000	59.7	63.0	64.2	65.3	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 6000	60.4	63.9	65.1	65.9	66.2	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 5000	64.7	68.8	70.1	70.9	71.2	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4500	67.3	72.4	73.8	74.6	74.9	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	70.4	77.0	78.4	79.3	79.7	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	72.2	79.2	80.7	81.6	81.9	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3000	74.0	81.2	82.8	83.7	84.1	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	76.9	84.3	86.1	87.3	87.6	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000	78.0	85.7	87.6	88.4	89.0	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	78.8	86.8	88.8	89.7	90.3	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	79.9	88.2	90.2	91.3	92.0	92.3	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	80.8	89.9	92.1	93.3	94.0	94.4	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	81.1	91.3	93.8	95.1	95.8	96.3	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	81.2	91.7	94.2	95.5	96.3	96.9	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	81.2	91.7	94.2	95.8	96.6	97.1	97.2	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	81.2	91.8	94.3	95.9	96.7	97.2	97.3	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	81.2	91.8	94.3	95.9	96.9	97.7	97.9	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	81.2	91.8	94.3	95.9	96.9	97.7	97.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	81.2	91.8	94.3	95.9	97.0	97.8	98.0	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	81.2	91.8	94.3	95.9	97.1	98.0	98.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.2	91.8	94.3	95.9	97.1	98.0	98.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.2	91.8	94.3	95.9	97.1	98.0	98.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	81.2	91.8	94.3	95.9	97.1	98.0	98.2	99.2	99.2	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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
NO CEIL	44.0	47.4	48.6	48.7	49.1	49.3	49.6	49.8	49.9	49.9	50.0	50.0	50.2	50.2	50.4	50.4
GE 20000	46.8	50.3	51.7	51.8	52.2	52.4	52.7	52.9	53.0	53.0	53.1	53.1	53.3	53.3	53.6	53.6
GE 18000	46.8	50.3	51.7	51.8	52.2	52.4	52.7	52.9	53.0	53.0	53.1	53.1	53.3	53.3	53.6	53.6
GE 16000	46.8	50.3	51.7	51.8	52.2	52.4	52.7	52.9	53.0	53.0	53.1	53.1	53.3	53.3	53.6	53.6
GE 14000	47.0	50.7	52.0	52.1	52.6	52.8	53.0	53.2	53.3	53.3	53.4	53.4	53.7	53.7	53.9	53.9
GE 12000	48.3	52.2	53.7	53.8	54.2	54.4	54.7	54.9	55.0	55.0	55.1	55.1	55.3	55.3	55.6	55.6
GE 10000	50.0	54.0	55.7	55.8	56.2	56.4	56.7	56.9	57.0	57.0	57.1	57.1	57.3	57.3	57.6	57.6
GE 9000	50.8	54.8	56.4	56.5	57.0	57.2	57.4	57.7	57.8	57.8	57.9	57.9	58.1	58.1	58.3	58.3
GE 8000	55.7	60.3	62.2	62.7	63.1	63.7	63.9	64.1	64.2	64.2	64.3	64.3	64.6	64.6	64.8	64.8
GE 7000	56.7	61.3	63.2	63.7	64.1	64.7	64.9	65.1	65.2	65.2	65.3	65.3	65.6	65.6	65.8	65.8
GE 6000	57.9	62.9	65.0	65.4	65.9	66.4	66.7	66.9	67.0	67.0	67.1	67.1	67.3	67.3	67.6	67.6
GE 5000	61.3	67.3	69.6	70.3	70.4	71.0	71.2	71.4	71.6	71.6	71.7	71.7	71.9	71.9	72.1	72.1
GE 4500	64.6	71.3	73.8	74.3	74.8	75.3	75.6	75.8	75.9	75.9	76.0	76.0	76.2	76.2	76.4	76.4
GE 4000	66.6	73.6	76.2	76.8	77.3	78.0	78.2	78.6	78.7	78.7	78.8	78.8	79.0	79.0	79.2	79.2
GE 3500	67.8	74.8	77.4	78.0	78.6	79.2	79.4	79.8	79.9	79.9	80.0	80.0	80.2	80.2	80.4	80.4
GE 3000	70.1	77.8	80.6	81.2	81.9	82.6	82.8	83.1	83.2	83.2	83.3	83.3	83.6	83.6	83.8	83.8
GE 2500	72.4	80.3	84.1	84.9	85.6	86.2	86.4	86.8	86.9	86.9	87.0	87.0	87.2	87.2	87.4	87.4
GE 2000	73.2	81.1	85.0	85.9	86.4	87.1	87.3	87.7	87.8	87.8	87.9	87.9	88.1	88.1	88.3	88.3
GE 1800	73.6	81.4	85.3	86.1	86.8	87.4	87.7	88.0	88.1	88.1	88.2	88.2	88.4	88.4	88.7	88.7
GE 1500	74.6	83.1	87.3	88.4	89.4	90.1	90.3	90.7	90.8	90.8	90.9	90.9	91.1	91.1	91.3	91.3
GE 1200	75.4	84.7	89.1	90.5	91.7	92.4	92.8	93.1	93.2	93.2	93.3	93.3	93.6	93.6	93.8	93.8
GE 1000	76.1	86.1	90.8	92.4	93.7	94.4	94.8	95.1	95.2	95.2	95.3	95.3	95.7	95.7	95.9	95.9
GE 900	76.2	86.3	91.1	92.8	94.0	94.8	95.1	95.4	95.6	95.6	95.7	95.7	96.0	96.0	96.2	96.2
GE 800	76.4	86.6	91.4	93.1	94.7	95.4	95.8	96.1	96.2	96.2	96.3	96.3	96.7	96.7	96.9	96.9
GE 700	76.4	86.8	91.7	93.4	95.0	95.9	96.3	97.0	97.1	97.1	97.2	97.2	97.8	97.8	98.0	98.0
GE 600	76.4	86.8	91.7	93.4	95.0	95.9	96.3	97.0	97.1	97.2	97.3	97.3	97.9	97.9	98.1	98.1
GE 500	76.4	86.8	91.7	93.6	95.4	96.3	96.9	97.7	97.8	97.9	98.0	98.0	98.6	98.6	98.8	98.8
GE 400	76.4	86.8	91.7	93.7	95.6	96.4	97.2	98.1	98.2	98.3	98.4	98.4	99.0	99.0	99.3	99.3
GE 300	76.4	86.8	91.7	93.7	95.7	96.6	97.3	98.2	98.3	98.6	98.7	98.7	99.2	99.2	99.6	99.6
GE 200	76.4	86.8	91.7	93.7	95.7	96.6	97.3	98.2	98.3	98.6	98.8	98.8	99.6	99.6	99.9	99.9
GE 100	76.4	86.8	91.7	93.7	95.7	96.6	97.3	98.2	98.3	98.6	98.8	98.8	99.6	99.6	100.0	100.0
GE 0	76.4	86.8	91.7	93.7	95.7	96.6	97.3	98.2	98.3	98.6	98.8	98.8	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.2	39.1	41.4	42.8	43.7	44.4	45.1	45.3	45.4	45.4	45.9	45.9	46.1	46.2	46.3	46.4
GE 20000	33.2	42.8	45.1	46.5	47.4	48.2	48.9	49.1	49.2	49.2	49.7	49.7	49.9	50.0	50.1	50.2
GE 18000	33.6	43.1	45.4	46.9	47.8	48.6	49.2	49.4	49.6	49.6	50.0	50.0	50.2	50.3	50.4	50.6
GE 16000	33.7	43.2	45.6	47.0	47.9	48.7	49.3	49.6	49.7	49.7	50.1	50.1	50.3	50.4	50.6	50.7
GE 14000	33.9	43.4	45.8	47.2	48.1	48.9	49.6	49.8	49.9	49.9	50.3	50.3	50.6	50.7	50.8	50.9
GE 12000	34.3	44.7	47.1	48.7	49.6	50.3	51.0	51.2	51.3	51.3	51.8	51.8	52.0	52.1	52.2	52.3
GE 10000	35.9	46.8	49.3	50.9	52.0	52.8	53.6	53.8	53.9	53.9	54.3	54.3	54.6	54.7	54.8	54.9
GE 9000	36.6	47.4	50.1	51.3	52.9	53.7	54.4	54.7	54.8	54.8	55.2	55.2	55.4	55.6	55.7	55.8
GE 8000	39.8	52.0	55.2	57.1	58.6	59.4	60.2	60.7	60.8	60.8	61.2	61.2	61.4	61.6	61.7	61.8
GE 7000	41.4	53.9	57.2	59.3	60.8	61.7	62.4	62.9	63.0	63.0	63.4	63.4	63.7	63.8	63.9	64.0
GE 6000	41.9	54.8	58.2	60.4	62.2	63.1	63.9	64.3	64.4	64.4	64.9	64.9	65.1	65.2	65.3	65.4
GE 5000	44.2	58.2	61.8	64.1	66.1	67.0	67.8	68.2	68.3	68.3	68.8	68.8	69.0	69.1	69.2	69.3
GE 4500	45.0	60.7	64.3	66.8	69.0	69.9	70.8	71.2	71.3	71.3	71.8	71.8	72.0	72.1	72.2	72.3
GE 4000	46.8	63.3	67.1	69.8	72.0	72.9	73.9	74.4	74.6	74.6	75.0	75.0	75.2	75.3	75.4	75.6
GE 3500	47.7	64.9	68.8	71.4	73.7	74.7	75.7	76.2	76.3	76.3	76.8	76.8	77.0	77.1	77.2	77.3
GE 3000	49.0	66.9	71.0	74.1	76.4	77.6	78.6	79.2	79.3	79.3	79.8	79.8	80.0	80.1	80.2	80.3
GE 2500	49.9	68.2	72.3	75.5	78.0	79.1	80.1	80.8	80.9	80.9	81.3	81.3	81.6	81.7	81.8	81.9
GE 2000	50.8	69.8	74.0	77.5	80.1	81.3	82.3	83.0	83.1	83.1	83.6	83.6	83.8	83.9	84.0	84.1
GE 1800	51.4	70.6	74.9	78.5	81.3	82.6	83.7	84.6	84.7	84.7	85.1	85.1	85.3	85.4	85.6	85.7
GE 1500	52.4	72.3	77.3	81.4	84.6	86.0	87.1	88.0	88.1	88.1	88.7	88.7	88.9	89.0	89.1	89.2
GE 1200	52.8	73.8	79.0	83.5	86.7	88.2	89.3	90.2	90.3	90.3	91.0	91.0	91.2	91.3	91.4	91.6
GE 1000	53.6	74.9	80.4	85.2	88.7	90.3	91.4	92.3	92.4	92.6	93.2	93.2	93.4	93.6	93.7	93.8
GE 900	53.6	75.2	80.8	85.6	89.3	91.1	92.3	93.2	93.3	93.4	94.1	94.1	94.3	94.4	94.6	94.7
GE 800	53.6	76.0	81.9	87.3	91.1	92.9	94.3	95.2	95.3	95.6	96.2	96.2	96.4	96.6	96.7	96.8
GE 700	53.6	76.2	82.2	87.3	91.4	93.2	94.8	95.9	96.1	96.4	97.1	97.1	97.3	97.4	97.6	97.7
GE 600	53.6	76.3	82.3	87.7	91.9	93.8	95.3	96.6	96.8	97.1	97.8	97.8	98.0	98.1	98.2	98.3
GE 500	53.6	76.3	82.3	87.8	92.0	93.9	95.4	96.9	97.4	97.8	98.4	98.4	98.7	98.8	98.9	99.0
GE 400	53.6	76.3	82.3	87.8	92.0	94.2	96.0	97.6	98.1	98.4	99.1	99.1	99.3	99.4	99.6	99.7
GE 300	53.6	76.3	82.3	87.8	92.0	94.2	96.0	97.6	98.1	98.4	99.1	99.1	99.3	99.4	99.6	99.7
GE 200	53.6	76.3	82.3	87.8	92.0	94.2	96.0	97.6	98.1	98.6	99.4	99.4	99.7	99.8	99.9	100.0
GE 100	53.6	76.3	82.3	87.8	92.0	94.2	96.0	97.6	98.1	98.6	99.4	99.4	99.7	99.8	99.9	100.0
GE 0	53.6	76.3	82.3	87.8	92.0	94.2	96.0	97.6	98.1	98.6	99.4	99.4	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.8	45.1	45.8	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 20000	42.0	50.4	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 18000	42.0	50.8	51.4	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 16000	42.0	50.8	51.4	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 14000	42.3	51.3	52.0	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000	42.8	52.1	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 10000	44.0	53.6	54.2	54.7	54.7	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 9000	44.4	54.0	54.7	55.1	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000	45.9	56.8	57.6	58.3	58.4	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 7000	48.2	60.3	61.1	62.0	62.2	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 6000	49.0	61.4	62.3	63.3	63.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	50.4	64.3	65.8	66.8	67.1	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4500	50.7	65.1	66.7	67.7	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4000	51.6	66.6	68.2	69.2	69.6	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3500	52.6	68.3	70.3	71.3	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3000	54.4	71.3	73.7	74.9	75.4	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 2500	56.4	74.9	77.4	78.8	79.3	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2000	58.3	78.3	81.0	82.3	82.9	83.4	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1800	59.9	80.6	83.2	84.6	85.1	85.7	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500	61.0	82.6	85.8	87.2	87.9	88.6	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	61.6	84.7	88.3	89.8	90.6	91.2	91.7	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.3
GE 1000	61.9	85.4	89.4	90.9	92.1	92.9	93.6	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 900	61.9	86.0	90.1	91.7	93.1	93.9	94.6	94.8	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	62.0	87.3	91.6	93.1	94.8	95.8	96.4	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	62.0	87.8	92.0	93.5	95.4	96.4	97.1	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	62.0	88.0	92.3	93.9	95.9	96.9	97.6	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	62.0	88.0	92.4	94.0	96.2	97.3	98.2	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	62.0	88.0	92.4	94.0	96.2	97.3	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.0	88.0	92.4	94.0	96.2	97.3	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.0	88.0	92.4	94.0	96.2	97.3	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.0	88.0	92.4	94.0	96.2	97.3	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	62.0	88.0	92.4	94.0	96.2	97.3	98.2	99.4	99.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	37.1	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 20000	42.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 18000	43.1	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 16000	43.1	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 14000	43.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 12000	43.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 10000	46.0	51.7	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 9000	46.7	52.3	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 8000	48.9	55.1	55.6	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 7000	50.7	57.2	57.9	58.3	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 6000	51.2	58.1	58.9	59.3	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 5000	53.1	60.9	62.0	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 4500	54.3	62.7	63.9	64.3	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 4000	56.6	65.8	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 3500	59.4	69.7	70.9	71.1	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3000	62.1	73.2	74.6	75.1	75.2	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2500	66.6	79.6	81.1	82.3	82.1	82.3	82.3	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2000	69.4	85.2	86.9	88.3	88.2	88.4	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	69.8	85.7	87.3	88.6	88.8	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	70.8	87.8	89.9	91.2	91.6	91.8	91.8	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1
GE 1200	71.4	90.1	92.4	94.3	94.6	94.8	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	71.6	90.9	93.7	95.6	96.2	96.6	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	71.7	91.2	94.0	96.3	96.7	97.1	97.2	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	71.7	91.6	94.6	96.8	97.4	97.9	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	71.7	91.6	94.7	97.3	98.0	98.6	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	71.7	91.7	95.0	97.3	98.4	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	71.7	91.7	95.0	97.3	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	71.7	91.7	95.0	97.3	98.6	99.3	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.7	91.7	95.0	97.3	98.6	99.3	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.7	91.7	95.0	97.3	98.6	99.3	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.7	91.7	95.0	97.3	98.6	99.3	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	71.7	91.7	95.0	97.3	98.6	99.3	99.7	99.8	99.8	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 5/16	GE 1/4	GE 0
NO CEIL	36.3	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 20000	41.8	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 18000	41.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 16000	42.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 14000	42.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 12000	42.9	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 10000	45.9	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 9000	46.0	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 8000	48.7	54.0	54.3	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 7000	50.0	55.9	56.2	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 6000	51.7	58.3	58.7	59.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 5000	53.9	61.1	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 4500	54.7	62.0	62.3	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 4000	59.0	67.7	68.1	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3500	62.9	72.8	73.2	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	66.1	76.7	77.3	78.1	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 2500	72.1	85.6	86.4	87.6	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	73.4	89.1	90.0	91.3	92.0	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1800	74.0	89.7	90.7	92.3	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	74.7	91.1	92.2	93.7	94.4	94.6	94.7	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 1200	75.4	93.0	94.2	95.9	96.7	96.8	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	75.8	93.3	94.7	96.4	97.3	97.4	97.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	75.8	93.3	94.7	96.4	97.6	97.7	97.9	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	75.8	93.6	94.9	96.8	97.9	98.0	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	75.9	93.7	95.2	97.2	98.3	98.6	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	75.9	93.8	95.3	97.3	98.4	98.8	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	75.9	93.8	95.6	97.6	98.7	99.0	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	75.9	93.8	95.6	97.5	98.7	99.0	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	75.9	93.8	95.6	97.6	98.7	99.0	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	75.9	93.8	95.6	97.5	98.7	99.0	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	75.9	93.8	95.6	97.6	98.7	99.0	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	75.9	93.8	95.6	97.6	98.7	99.0	99.6	99.6	99.6	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 1800-2300

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	38.2	41.1	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 20000	46.7	49.9	50.4	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	47.0	50.2	50.8	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 16000	47.1	50.3	50.9	51.1	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 14000	47.9	51.1	51.7	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 12000	49.0	52.4	53.0	53.2	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 10000	52.0	55.4	56.0	56.2	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 9000	52.3	55.8	56.3	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 8000	54.3	58.4	59.1	59.3	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 7000	55.2	59.3	60.0	60.3	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 6000	56.7	61.0	61.7	62.0	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 5000	58.6	64.0	64.8	65.1	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 4500	60.3	65.9	66.7	67.0	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4000	64.9	71.8	72.7	73.2	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	67.4	75.1	76.1	76.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3000	71.2	79.9	81.0	81.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	74.6	84.6	85.8	86.8	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	76.2	87.1	88.3	89.7	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1800	76.4	87.3	88.6	89.9	91.4	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	77.0	88.6	90.1	91.4	93.2	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	77.3	90.0	91.7	93.3	95.3	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	77.6	90.8	92.7	94.5	97.1	97.4	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	77.6	90.8	92.7	94.5	97.1	97.4	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	77.6	90.8	92.7	94.5	97.1	97.6	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	77.6	90.8	92.8	94.7	97.3	98.0	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	77.6	90.8	92.8	94.9	97.7	98.4	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	77.6	90.8	92.8	94.9	97.7	98.6	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	77.6	90.8	92.8	94.9	97.7	98.6	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	77.6	90.8	92.8	94.9	97.7	98.6	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	77.6	90.8	92.8	94.9	97.7	98.6	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	77.6	90.8	92.8	94.9	97.7	98.6	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	77.6	90.8	92.8	94.9	97.7	98.6	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

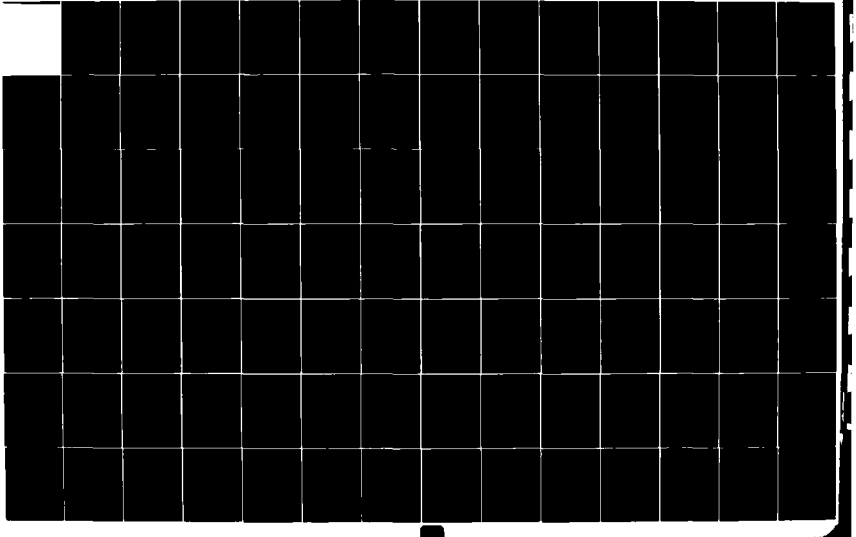
PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 2100-2300

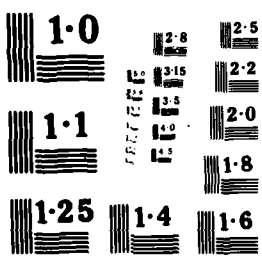
CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.2	49.9	50.0	50.3	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.2	50.2	50.2	50.2
GE 20000	52.0	55.2	55.9	56.3	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.4
GE 18000	52.4	55.7	56.3	56.4	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9
GE 16000	52.6	55.8	56.4	56.6	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0
GE 14000	52.6	55.8	56.4	56.6	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0
GE 12000	53.1	56.3	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.6	57.6	57.6	57.6
GE 10000	55.7	59.0	59.7	59.8	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2
GE 9000	55.	59.1	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 8000	59.4	63.1	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4
GE 7000	62.1	65.9	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2
GE 6000	63.3	67.2	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.6
GE 5000	66.4	71.0	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.6	72.6	72.6	72.6
GE 4500	68.8	73.8	74.9	75.0	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.6	75.6	75.6	75.6
GE 4000	71.7	77.3	78.4	78.5	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1
GE 3500	72.6	79.0	80.1	80.2	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9
GE 3000	75.2	82.3	83.4	83.7	84.0	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4
GE 2500	77.7	85.9	87.3	87.8	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.6	88.6	88.6	88.6
GE 2000	79.2	87.7	89.3	89.9	90.4	90.6	90.7	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0
GE 1800	79.4	87.9	89.6	90.2	90.8	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4
GE 1500	80.4	89.1	91.2	91.9	92.8	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 1200	81.8	91.1	93.2	94.1	95.1	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 1000	82.3	92.4	94.6	95.7	97.0	97.3	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 900	82.3	92.4	94.6	95.8	97.1	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 800	82.3	92.4	94.6	95.8	97.1	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 700	82.3	92.4	94.6	95.8	97.2	97.6	98.1	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 600	82.3	92.7	94.8	96.1	97.6	98.4	99.0	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	82.3	92.7	94.8	96.1	97.6	98.4	99.0	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	82.3	92.7	94.8	96.1	97.6	98.4	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	82.3	92.7	94.8	96.1	97.6	98.4	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	82.3	92.7	94.8	96.1	97.6	98.4	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	82.3	92.7	94.8	96.1	97.6	98.4	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	82.3	92.7	94.8	96.1	97.6	98.4	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

AD-A159 638 WRIGHT-PATTERSON AFB OHIO REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 85

UNCLASSIFIED USAFETAC/DS-85/050 F/G 4/2 NL




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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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	39.6	43.7	44.4	44.7	44.9	45.0	45.1	45.2	45.2	45.2	45.3	45.3	45.4	45.4	45.4	45.4
GE 20000	44.2	49.1	49.9	50.2	50.5	50.7	50.8	50.9	50.9	50.9	51.0	51.0	51.1	51.1	51.1	51.1
GE 18000	44.4	49.3	50.2	50.5	50.8	51.0	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.4
GE 16000	44.5	49.4	50.3	50.6	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.4	51.4	51.5	51.5
GE 14000	44.8	49.8	50.7	51.3	51.3	51.5	51.6	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.9	51.9
GE 12000	45.5	50.8	51.7	52.3	52.3	52.5	52.6	52.7	52.7	52.7	52.8	52.8	52.9	52.9	52.9	52.9
GE 10000	47.8	53.3	54.3	54.6	55.0	55.2	55.3	55.4	55.4	55.4	55.5	55.5	55.6	55.6	55.6	55.6
GE 9000	48.2	53.8	54.7	55.1	55.4	55.6	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.1	56.1
GE 8000	51.2	57.5	58.7	59.3	59.7	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.5
GE 7000	53.0	59.6	60.8	61.5	61.9	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.7	62.7
GE 6000	54.0	61.0	62.2	62.9	63.4	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.2	64.2
GE 5000	56.6	64.5	65.9	66.5	67.2	67.4	67.6	67.7	67.7	67.7	67.8	67.8	67.9	67.9	67.9	67.9
GE 4500	58.2	66.7	68.3	69.3	69.6	69.9	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.4	70.4
GE 4000	60.9	70.4	72.0	72.8	73.5	73.7	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3
GE 3500	62.8	73.0	74.7	75.5	76.2	76.5	76.7	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.1	77.1
GE 3000	65.3	76.2	78.0	79.1	79.8	80.2	80.4	80.6	80.6	80.6	80.7	80.7	80.8	80.8	80.8	80.8
GE 2500	68.3	80.4	82.6	83.8	84.6	85.0	85.2	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.7	85.7
GE 2000	69.8	83.0	85.3	86.6	87.5	88.0	88.2	88.4	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.7
GE 1800	70.4	83.7	86.0	87.4	88.4	88.8	89.1	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.7	89.7
GE 1500	71.3	85.3	88.0	89.5	90.7	91.2	91.5	91.8	91.8	91.9	92.0	92.0	92.1	92.1	92.1	92.1
GE 1200	72.1	87.2	90.0	91.3	93.1	93.6	93.9	94.2	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.6
GE 1000	72.5	88.2	91.3	93.2	94.7	95.3	95.7	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.5
GE 900	72.5	88.4	91.5	93.5	95.2	95.8	96.2	96.5	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9
GE 800	72.6	88.7	92.0	94.1	95.8	96.5	97.0	97.3	97.3	97.5	97.7	97.7	97.7	97.8	97.8	97.8
GE 700	72.6	88.9	92.2	94.4	96.2	97.0	97.5	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.5	98.5
GE 600	72.6	89.0	92.3	94.6	96.5	97.4	97.9	98.5	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.1
GE 500	72.6	89.0	92.4	94.6	96.6	97.6	98.2	98.9	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5
GE 400	72.6	89.0	92.4	94.7	96.7	97.6	98.4	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8
GE 300	72.6	89.0	92.4	94.7	96.7	97.7	98.4	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9
GE 200	72.6	89.0	92.4	94.7	96.7	97.7	98.4	99.1	99.2	99.5	99.7	99.7	99.9	99.9	99.9	100.0
GE 100	72.6	89.0	92.4	94.7	96.7	97.7	98.4	99.1	99.2	99.5	99.7	99.7	99.9	99.9	100.0	100.0
GE 0	72.6	89.0	92.4	94.7	96.7	97.7	98.4	99.1	99.2	99.5	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: MAY HOURS(LST): 0300-0200

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	46.7	51.4	53.2	54.6	55.4	55.4	55.5	55.5	55.5	55.7	55.9	55.9	56.0	56.0	56.0	56.1
GE 20000	49.8	55.7	57.7	59.1	60.0	60.0	60.1	60.1	60.1	60.3	60.5	60.5	60.6	60.6	60.6	60.8
GE 18000	49.8	55.7	57.7	59.1	60.0	60.0	60.1	60.1	60.1	60.3	60.5	60.5	60.6	60.6	60.6	60.8
GE 16000	49.8	55.7	57.7	59.1	60.0	60.0	60.1	60.1	60.1	60.3	60.5	60.5	60.6	60.6	60.6	60.8
GE 14000	49.8	55.7	57.8	59.2	60.1	60.1	60.2	60.2	60.2	60.4	60.6	60.6	60.8	60.8	60.8	60.9
GE 12000	50.0	55.9	58.1	59.5	60.3	60.3	60.4	60.4	60.4	60.6	60.9	60.9	61.0	61.0	61.0	61.1
GE 10000	52.0	58.3	60.8	62.3	63.1	63.1	63.2	63.2	63.2	63.4	63.7	63.7	64.0	64.0	64.0	64.1
GE 9000	52.3	58.7	61.2	62.8	63.8	63.8	63.9	63.9	63.9	64.1	64.3	64.3	64.6	64.6	64.6	64.7
GE 8000	55.7	63.3	65.9	67.3	68.9	68.9	69.0	69.0	69.0	69.2	69.5	69.5	69.9	69.9	70.0	70.1
GE 7000	56.5	64.6	67.4	69.5	70.5	70.5	70.6	70.6	70.6	70.9	71.1	71.1	71.5	71.5	71.6	71.7
GE 6000	58.2	66.6	69.4	71.5	72.6	72.6	72.7	72.7	72.7	72.9	73.1	73.1	73.5	73.5	73.7	73.8
GE 5000	60.6	69.9	72.9	75.3	76.5	76.6	76.7	76.7	76.7	76.9	77.1	77.1	77.5	77.5	77.6	77.7
GE 4500	62.3	71.8	74.9	77.4	78.8	79.1	79.2	79.2	79.2	79.5	79.7	79.7	80.1	80.1	80.2	80.3
GE 4000	63.5	74.4	77.7	80.5	82.0	82.4	82.6	82.6	82.6	82.8	83.0	83.0	83.4	83.4	83.5	83.7
GE 3500	64.1	75.6	78.9	82.0	83.7	84.1	84.3	84.3	84.3	84.5	84.7	84.7	85.2	85.2	85.3	85.4
GE 3000	65.3	77.6	81.1	84.3	86.0	86.6	86.8	86.8	86.8	87.0	87.2	87.2	87.6	87.6	87.7	87.8
GE 2500	65.6	78.1	81.8	85.3	87.3	87.8	88.1	88.1	88.1	88.3	88.5	88.5	88.9	88.9	89.0	89.1
GE 2000	65.9	78.7	82.5	86.3	88.6	89.1	89.4	89.4	89.4	89.6	89.8	89.8	90.2	90.2	90.3	90.4
GE 1800	65.9	78.9	82.7	86.2	88.8	89.4	89.6	89.6	89.6	89.8	90.0	90.0	90.4	90.4	90.5	90.6
GE 1500	66.2	79.8	83.9	87.5	90.3	90.9	91.2	91.2	91.2	91.4	91.6	91.6	92.0	92.0	92.2	92.3
GE 1200	66.6	80.6	84.7	88.5	91.6	92.2	92.5	92.6	92.6	92.8	93.0	93.0	93.4	93.4	93.5	93.7
GE 1000	66.9	81.6	86.0	90.0	93.1	93.7	94.1	94.2	94.2	94.4	94.6	94.6	95.1	95.1	95.2	95.3
GE 900	67.0	81.8	86.2	90.2	93.3	93.9	94.3	94.4	94.4	94.6	94.8	94.8	95.3	95.3	95.4	95.5
GE 800	67.0	82.0	86.7	90.8	94.2	94.7	95.2	95.3	95.3	95.5	95.7	95.7	96.1	96.1	96.2	96.3
GE 700	67.0	82.2	86.9	91.0	94.6	95.3	95.7	95.9	95.9	96.1	96.3	96.3	96.8	96.8	96.9	97.0
GE 600	67.0	82.5	87.4	91.6	95.6	96.5	97.1	97.3	97.3	97.5	97.7	97.7	98.2	98.2	98.3	98.4
GE 500	67.0	82.8	87.6	92.0	96.0	97.1	98.1	98.3	98.3	98.5	98.8	98.8	99.2	99.2	99.4	99.5
GE 400	67.0	82.8	87.8	92.0	96.1	97.2	98.2	98.4	98.5	98.7	99.0	99.0	99.5	99.5	99.6	99.7
GE 300	67.0	82.8	87.8	92.0	96.1	97.2	98.2	98.4	98.6	98.8	99.1	99.1	99.6	99.7	99.8	99.9
GE 200	67.0	82.8	87.8	92.0	96.1	97.2	98.2	98.4	98.6	98.8	99.1	99.1	99.6	99.7	99.8	100.0
GE 100	67.0	82.8	87.8	92.0	96.1	97.2	98.2	98.4	98.6	98.8	99.1	99.1	99.6	99.7	99.8	100.0
GE 0	67.0	82.8	87.8	92.0	96.1	97.2	98.2	98.4	98.6	98.8	99.1	99.1	99.6	99.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	39.6	44.1	46.1	48.8	50.8	51.5	52.5	53.1	53.1	53.3	53.4	53.4	53.5	53.5	53.8	53.8
GE 20000	41.9	47.3	49.6	52.5	54.5	55.3	56.2	56.9	56.9	57.1	57.2	57.2	57.3	57.3	57.5	57.5
GE 18000	41.9	47.3	49.6	52.5	54.5	55.3	56.2	56.9	56.9	57.1	57.2	57.2	57.3	57.3	57.5	57.5
GE 16000	41.9	47.3	49.6	52.5	54.5	55.3	56.2	56.9	56.9	57.1	57.2	57.2	57.3	57.3	57.5	57.5
GE 14000	42.0	47.4	49.7	52.5	54.6	55.4	56.3	57.0	57.0	57.2	57.3	57.3	57.4	57.4	57.6	57.6
GE 12000	42.5	47.8	50.1	53.0	55.1	55.8	56.8	57.4	57.4	57.6	57.7	57.7	57.8	57.8	58.1	58.1
GE 10000	44.9	50.8	53.1	56.2	58.4	59.1	60.1	60.9	60.9	61.1	61.2	61.2	61.3	61.3	61.5	61.5
GE 9000	45.1	51.0	53.4	56.5	58.7	59.5	60.4	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.8	61.8
GE 8000	48.0	54.6	57.3	60.5	63.0	63.9	64.8	65.6	65.6	65.8	65.9	65.9	66.0	66.0	66.2	66.2
GE 7000	48.7	55.4	58.4	61.3	64.3	65.3	66.3	67.1	67.1	67.3	67.4	67.4	67.5	67.5	67.7	67.7
GE 6000	50.1	57.4	60.4	64.1	66.6	67.5	68.6	69.4	69.4	69.6	69.7	69.7	69.8	69.8	70.0	70.0
GE 5000	51.6	59.5	62.7	66.7	69.2	70.4	71.5	72.4	72.7	73.0	73.1	73.1	73.2	73.2	73.4	73.4
GE 4500	53.8	62.3	65.7	69.8	72.5	73.7	74.7	75.6	75.9	76.2	76.3	76.3	76.5	76.5	76.7	76.7
GE 4000	54.3	63.9	67.6	72.3	75.3	76.5	77.6	78.5	78.8	79.1	79.2	79.2	79.4	79.4	79.6	79.6
GE 3500	55.3	65.7	69.6	74.2	77.3	78.5	79.8	80.6	81.0	81.3	81.4	81.4	81.5	81.5	81.7	81.7
GE 3000	55.5	67.0	71.4	76.1	79.4	80.6	81.9	82.9	83.2	83.5	83.7	83.7	83.8	83.8	84.0	84.0
GE 2500	56.0	67.6	72.4	77.3	80.6	81.9	83.2	84.3	84.6	84.9	85.1	85.1	85.2	85.2	85.4	85.4
GE 2000	56.8	68.8	73.7	78.9	82.4	83.7	85.1	86.2	86.6	86.9	87.0	87.0	87.1	87.1	87.3	87.3
GE 1800	57.0	69.1	74.0	79.2	82.7	84.1	85.5	86.7	87.0	87.3	87.4	87.4	87.5	87.5	87.7	87.7
GE 1500	57.8	70.5	75.7	81.5	85.1	86.5	87.8	89.0	89.4	89.7	89.8	89.8	89.9	89.9	90.1	90.1
GE 1200	58.3	71.5	77.1	82.9	86.5	88.0	89.4	90.5	90.9	91.3	91.4	91.4	91.5	91.5	91.7	91.7
GE 1000	58.5	72.3	78.0	84.1	88.1	89.7	91.2	92.4	92.7	93.1	93.2	93.2	93.3	93.3	93.5	93.5
GE 900	58.5	72.4	78.1	84.2	88.4	90.0	91.5	92.7	93.0	93.4	93.5	93.5	93.7	93.7	93.9	93.9
GE 800	58.5	72.6	78.4	84.5	88.9	90.8	92.6	93.8	94.1	94.5	94.6	94.6	94.7	94.7	94.9	94.9
GE 700	58.5	73.0	79.0	85.5	90.3	92.4	94.3	95.5	95.8	96.2	96.3	96.3	96.5	96.5	96.7	96.7
GE 600	58.5	73.4	79.6	86.1	91.3	93.3	95.3	96.5	96.8	97.2	97.3	97.3	97.4	97.4	97.6	97.6
GE 500	58.5	73.5	79.8	86.3	91.8	93.9	96.0	97.2	97.5	98.1	98.2	98.2	98.3	98.3	98.5	98.6
GE 400	58.5	73.5	79.9	86.5	91.9	94.0	96.3	97.7	98.1	98.6	98.7	98.7	98.8	98.8	99.0	99.1
GE 300	58.5	73.5	79.9	86.5	91.9	94.0	96.3	97.8	98.2	98.7	98.8	98.8	98.9	98.9	99.1	99.2
GE 200	58.5	73.5	79.9	86.5	91.9	94.0	96.3	97.8	98.2	98.7	98.8	98.8	99.0	99.0	99.2	99.4
GE 100	58.5	73.5	79.9	86.5	91.9	94.0	96.3	97.8	98.2	98.7	98.8	98.8	99.0	99.0	99.5	99.7
GE 0	58.5	73.5	79.9	86.5	91.9	94.0	96.3	97.8	98.2	98.7	98.8	98.8	99.1	99.1	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	30.5	41.8	44.5	46.9	49.4	50.2	51.6	52.3	52.5	52.8	52.9	52.9	53.0	53.1	53.2	53.2
GE 20000	32.0	44.1	47.0	49.4	52.0	52.9	54.5	55.3	55.5	55.9	56.0	56.0	56.2	56.3	56.5	56.5
GE 18000	32.0	44.2	47.1	49.5	52.2	53.0	54.6	55.4	55.6	56.0	56.1	56.1	56.3	56.5	56.6	56.6
GE 16000	32.0	44.3	47.2	49.6	52.3	53.1	54.7	55.5	55.7	56.1	56.2	56.2	56.5	56.6	56.7	56.7
GE 14000	32.0	44.3	47.2	49.6	52.4	53.3	54.9	55.7	55.9	56.3	56.5	56.5	56.7	56.8	56.9	56.9
GE 12000	32.7	45.1	48.2	50.5	53.3	54.3	56.2	57.0	57.2	57.6	57.7	57.7	58.0	58.1	58.2	58.2
GE 10000	34.7	48.2	51.4	53.8	56.6	57.5	59.6	60.5	60.8	61.2	61.3	61.3	61.5	61.6	61.7	61.7
GE 9000	34.8	48.5	51.7	54.1	56.9	57.8	59.9	60.9	61.1	61.5	61.6	61.6	61.8	61.9	62.0	62.0
GE 8000	36.9	51.7	55.4	58.2	61.5	62.7	64.7	65.7	65.9	66.3	66.6	66.6	66.9	67.0	67.2	67.2
GE 7000	37.5	52.6	56.2	59.3	62.5	63.7	65.7	66.7	66.9	67.3	67.5	67.5	67.8	68.0	68.2	68.2
GE 6000	38.2	53.8	57.8	60.9	64.7	66.0	68.1	69.0	69.2	69.7	69.9	69.9	70.2	70.3	70.5	70.5
GE 5000	39.8	55.7	59.9	63.1	67.5	69.2	71.7	72.8	73.0	73.4	73.7	73.7	74.0	74.1	74.3	74.3
GE 4500	40.6	57.2	61.9	65.5	70.2	71.9	74.4	75.5	75.7	76.1	76.3	76.3	76.7	76.8	77.0	77.0
GE 4000	41.2	58.4	63.4	67.1	71.7	73.4	76.0	77.2	77.4	77.8	78.1	78.1	78.4	78.5	78.7	78.7
GE 3500	41.5	59.0	64.1	67.8	72.6	74.3	76.9	78.1	78.3	78.7	78.9	78.9	79.2	79.4	79.6	79.6
GE 3000	41.9	59.9	65.3	69.3	74.0	75.7	78.3	79.5	79.7	80.1	80.3	80.3	80.6	80.8	81.0	81.0
GE 2500	42.3	60.8	66.1	70.3	74.9	76.7	79.7	81.0	81.2	81.6	81.8	81.8	82.2	82.3	82.5	82.5
GE 2000	42.4	61.4	67.0	71.1	76.1	77.8	81.1	82.4	82.6	83.0	83.2	83.2	83.5	83.7	83.9	83.9
GE 1800	42.8	62.0	67.6	71.9	77.0	78.7	82.0	83.4	83.7	84.1	84.3	84.3	84.6	84.7	84.9	84.9
GE 1500	43.0	62.8	68.4	72.9	78.6	80.3	83.8	85.2	85.4	85.8	86.0	86.0	86.3	86.5	86.7	86.7
GE 1200	43.5	64.1	70.1	74.9	81.0	82.7	86.1	87.5	87.7	88.2	88.4	88.4	88.7	88.8	89.0	89.0
GE 1000	43.5	64.6	71.4	76.7	83.0	85.3	88.8	90.3	90.6	91.1	91.3	91.3	91.6	91.7	91.9	91.9
GE 900	43.8	65.2	72.2	77.4	84.3	86.2	89.9	91.4	91.7	92.2	92.4	92.4	92.7	92.8	93.0	93.0
GE 800	43.8	65.2	72.5	77.7	84.8	87.1	91.3	92.9	93.2	93.7	93.9	93.9	94.2	94.3	94.5	94.5
GE 700	43.8	65.5	72.9	78.5	86.1	88.5	92.9	94.6	94.9	95.5	95.7	95.7	96.0	96.1	96.3	96.3
GE 600	43.8	65.5	73.0	78.5	86.2	88.8	94.0	96.0	96.5	97.0	97.2	97.2	97.5	97.6	97.8	97.8
GE 500	43.9	65.6	73.1	78.7	86.7	89.2	94.4	96.6	97.1	97.7	98.1	98.1	98.4	98.5	98.7	98.7
GE 400	43.9	65.6	73.1	78.8	86.9	89.5	94.6	96.9	97.4	98.1	98.5	98.5	98.9	99.0	99.2	99.2
GE 300	43.9	65.6	73.1	78.8	87.0	89.6	94.7	97.0	97.5	98.2	98.7	98.8	99.2	99.4	99.7	99.7
GE 200	43.9	65.6	73.1	78.8	87.0	89.6	94.7	97.0	97.5	98.2	98.7	98.8	99.4	99.5	99.8	99.8
GE 100	43.9	65.6	73.1	78.8	87.0	89.6	94.7	97.0	97.5	98.2	98.7	98.8	99.4	99.5	99.8	99.8
GE 0	43.9	65.6	73.1	78.8	87.0	89.6	94.7	97.0	97.5	98.2	98.7	98.8	99.4	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 5/16	GE 1/4	GE 0
NO CEIL	36.9	48.8	51.3	52.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	39.2	51.9	54.7	56.2	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 18000	39.2	51.9	54.7	56.2	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 16000	39.2	51.9	54.7	56.2	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 14000	39.4	52.3	55.1	56.7	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 12000	40.2	53.4	56.2	58.3	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 10000	42.7	57.2	60.1	61.8	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 9000	43.0	58.2	61.1	62.8	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 8000	45.4	61.5	64.6	66.5	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	46.0	62.5	65.6	67.4	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 6000	46.1	62.7	66.0	67.8	68.7	68.8	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 5000	47.1	64.2	67.8	69.9	70.8	71.1	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	47.3	65.5	69.6	71.9	73.2	73.5	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	48.6	67.8	72.4	74.7	76.0	76.5	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3500	49.1	68.8	73.4	75.9	77.3	77.7	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3000	50.3	70.5	75.4	78.0	79.6	80.0	80.4	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2500	51.1	72.3	77.1	79.9	81.7	82.2	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2000	51.6	73.1	78.2	81.1	83.0	83.4	84.1	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1800	51.8	73.3	78.4	81.5	83.4	83.9	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	53.2	75.8	81.3	84.7	87.1	87.6	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	54.1	77.4	83.2	86.7	89.2	89.9	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	54.5	78.5	84.7	88.3	91.3	92.0	92.9	93.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	54.7	79.1	85.5	89.1	92.5	93.3	94.2	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	54.7	79.6	86.2	89.9	94.0	95.2	96.2	96.8	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.4
GE 700	54.8	80.0	86.7	90.4	94.7	96.1	97.3	98.0	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 600	54.8	80.0	86.7	90.5	94.8	96.3	97.8	98.5	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 500	54.8	80.2	86.9	90.8	95.2	96.7	98.2	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	54.8	80.2	86.9	90.8	95.2	96.7	98.2	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	54.8	80.2	86.9	90.8	95.2	96.7	98.2	98.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	54.8	80.2	86.9	90.8	95.2	96.7	98.2	98.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	54.8	80.2	86.9	90.8	95.2	96.7	98.2	98.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	54.8	80.2	86.9	90.8	95.2	96.7	98.2	98.9	99.1	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 76-85
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 5/16	GE 1/4	GE 0
NO CEIL	38.6	46.8	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 20000	45.1	55.2	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	45.3	55.4	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 16000	45.3	55.5	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	45.4	55.8	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 12000	45.8	56.2	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 10000	48.0	59.5	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	49.2	59.9	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 8000	49.8	62.3	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 7000	49.9	62.6	64.4	64.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 6000	50.2	63.0	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 5000	51.0	65.2	67.4	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4500	51.8	66.7	68.9	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4000	53.9	70.3	72.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	54.5	71.9	74.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 3000	58.0	76.6	79.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2500	59.8	79.8	83.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	61.5	81.9	85.4	87.0	87.2	87.2	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	61.7	82.7	86.2	88.1	88.3	88.3	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	62.8	85.3	89.1	91.5	92.0	92.3	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	63.1	86.3	91.0	93.5	94.1	94.5	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	63.2	86.8	91.6	94.4	95.4	96.0	96.1	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	63.2	87.0	91.9	94.7	95.8	96.5	96.6	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	63.3	87.2	92.3	95.3	96.6	97.2	97.3	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	63.3	87.4	92.8	95.3	97.3	98.1	98.2	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	63.3	87.4	92.8	95.3	97.4	98.2	98.4	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	63.3	87.4	92.8	95.9	97.5	98.3	98.5	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	63.3	87.4	92.8	95.9	97.6	98.4	98.6	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	63.3	87.4	92.8	95.9	97.6	98.4	98.6	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	63.3	87.4	92.8	95.9	97.6	98.4	98.6	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	63.3	87.4	92.8	95.9	97.6	98.4	98.6	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	63.3	87.4	92.8	95.9	97.6	98.4	98.6	99.4	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.0	43.4	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 20000	42.0	51.9	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 18000	42.0	51.9	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000	42.0	51.9	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	42.3	52.3	52.9	53.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 12000	43.1	53.2	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 10000	45.9	57.0	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 9000	46.2	57.5	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 8000	48.7	61.5	62.7	63.3	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 7000	49.4	62.7	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 6000	50.1	63.6	64.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 5000	52.3	66.6	67.8	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	54.2	68.8	70.1	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4000	57.4	73.9	75.3	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3500	59.2	77.2	78.9	79.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	61.9	80.8	82.7	84.3	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2500	63.9	84.4	86.7	88.5	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	65.3	86.6	89.2	91.3	91.8	91.8	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	65.4	86.7	89.5	91.5	92.0	92.0	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	65.7	88.4	91.2	93.5	94.6	94.7	94.7	94.8	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 1200	65.7	88.8	91.8	94.3	95.9	96.1	96.2	96.6	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 1000	65.7	89.2	92.4	95.3	97.1	97.5	97.6	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 900	65.7	89.5	92.6	95.5	97.3	97.7	97.8	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 800	65.7	89.6	93.0	95.9	97.8	98.4	98.5	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 700	65.7	89.6	93.2	96.1	98.2	98.7	98.8	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 600	65.7	89.6	93.3	96.2	98.3	98.8	98.9	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 500	65.7	89.6	93.3	96.3	98.4	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	65.7	89.7	93.4	96.5	98.5	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	65.7	89.7	93.4	96.5	98.5	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	65.7	89.7	93.4	96.5	98.5	99.0	99.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	65.7	89.7	93.4	96.5	98.5	99.0	99.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	65.7	89.7	93.4	96.5	98.5	99.0	99.1	99.6	99.8	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
MONTH: MAY HOURS(LST): 1900-2300

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	44.0	52.0	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	49.2	59.1	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	49.5	59.3	59.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	49.5	59.3	59.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 14000	49.6	59.7	60.3	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	50.9	61.0	61.6	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	53.4	64.6	65.4	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 9000	54.2	65.5	66.2	67.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 8000	56.5	69.6	70.4	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	56.9	70.6	71.3	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 6000	58.2	72.4	73.2	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	60.3	75.8	76.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	62.2	78.2	79.3	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	63.8	81.8	82.9	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3500	65.1	84.3	85.3	87.2	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	65.9	85.6	86.6	88.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
GE 2500	66.8	87.5	88.6	90.8	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2
GE 2000	67.1	88.9	90.2	92.5	93.5	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.3
GE 1800	67.1	89.1	90.4	92.3	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
GE 1500	67.3	89.8	91.2	93.8	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
GE 1200	67.3	90.0	91.6	94.4	96.1	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
GE 1000	67.3	90.2	91.8	94.8	97.0	97.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
GE 900	67.3	90.2	91.8	94.9	97.1	97.3	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 800	67.3	90.2	91.9	94.9	97.2	97.5	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8
GE 700	67.3	90.4	92.3	95.4	97.6	98.0	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 600	67.3	90.4	92.3	95.4	97.8	98.2	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6
GE 500	67.3	90.6	92.6	95.7	98.2	98.5	99.1	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	67.3	90.6	92.6	95.7	98.2	98.5	99.1	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	67.3	90.6	92.6	95.7	98.2	98.5	99.1	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	67.3	90.6	92.6	95.7	98.2	98.5	99.1	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	67.3	90.6	92.6	95.7	98.2	98.5	99.1	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	67.3	90.6	92.6	95.7	98.2	98.5	99.1	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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 5/16	GE 1/4	GE 0
NO CEIL	49.8	55.2	56.1	56.6	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.3	57.3	57.3	57.3
GE 20000	53.2	59.7	61.3	61.3	62.1	62.1	62.1	62.1	62.1	62.4	62.4	62.4	62.5	62.5	62.5	62.5
GE 18000	53.3	59.8	61.4	61.9	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.5	62.6	62.6	62.6	62.6
GE 16000	53.3	60.0	61.6	62.1	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.7	62.8	62.8	62.8	62.8
GE 14000	53.3	60.0	61.7	62.4	62.7	62.7	62.7	62.7	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.0
GE 12000	54.4	61.2	63.0	63.6	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.3
GE 10000	57.5	65.3	67.1	67.9	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.7
GE 9000	57.8	65.7	67.5	68.3	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1
GE 8000	60.1	69.1	71.0	71.8	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.7
GE 7000	60.8	70.3	72.3	73.1	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0
GE 6000	62.9	72.7	74.6	75.5	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.4
GE 5000	65.2	75.9	78.2	79.3	79.9	79.9	79.9	79.9	79.9	80.2	80.2	80.2	80.3	80.3	80.3	80.3
GE 4500	66.9	78.0	80.4	81.7	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.6
GE 4000	68.4	80.3	82.8	84.5	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5
GE 3500	69.8	82.2	84.8	86.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9
GE 3000	70.6	83.7	86.3	88.3	89.5	89.5	89.5	89.5	89.5	89.8	89.8	89.8	89.9	89.9	89.9	89.9
GE 2500	71.0	85.2	88.0	90.2	91.4	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8
GE 2000	71.5	86.1	89.0	91.2	92.7	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 1800	71.6	86.2	89.1	91.3	92.9	92.9	93.0	93.0	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 1500	72.1	86.7	89.9	92.3	93.7	93.9	94.0	94.0	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 1200	72.2	87.1	90.5	92.7	94.5	94.6	94.7	94.7	94.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3
GE 1000	72.5	87.7	91.2	93.5	95.6	95.7	96.1	96.2	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 900	72.6	87.9	91.4	94.0	96.1	96.3	96.9	97.0	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 800	72.6	88.0	91.5	94.3	96.7	96.9	97.4	97.5	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 700	72.7	88.2	91.8	94.5	97.1	97.4	98.0	98.1	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 600	72.7	88.2	91.8	94.5	97.3	98.1	98.6	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 500	72.7	88.6	92.1	94.9	97.6	98.6	99.1	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	72.7	88.6	92.1	94.9	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	72.7	88.6	92.1	94.9	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	72.7	88.6	92.1	94.9	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	72.7	88.6	92.1	94.9	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	72.7	88.6	92.1	94.9	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	100.0	100.0	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 76-85
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	40.3	47.9	49.5	50.6	51.4	51.6	51.9	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.4	52.4
GE 20000	44.1	53.1	54.9	56.1	56.9	57.1	57.5	57.7	57.7	57.8	57.9	57.9	57.9	58.0	58.0	58.0
GE 18000	44.1	53.2	55.0	56.2	57.0	57.2	57.6	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.1	58.1
GE 16000	44.1	53.2	55.0	56.3	57.1	57.3	57.6	57.8	57.8	58.0	58.0	58.0	58.1	58.1	58.1	58.2
GE 14000	44.2	53.4	55.3	56.5	57.4	57.6	57.9	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.5
GE 12000	44.9	54.2	56.1	57.5	58.3	58.5	58.9	59.1	59.1	59.3	59.3	59.3	59.4	59.4	59.4	59.5
GE 10000	47.4	57.6	59.6	61.0	61.9	62.1	62.5	62.7	62.8	62.9	63.0	63.0	63.1	63.1	63.1	63.1
GE 9000	47.7	58.1	60.1	61.5	62.4	62.6	63.1	63.3	63.3	63.5	63.5	63.5	63.6	63.6	63.7	63.7
GE 8000	50.1	61.7	63.9	65.5	66.5	66.8	67.2	67.4	67.5	67.6	67.7	67.7	67.8	67.8	67.9	67.9
GE 7000	50.7	62.6	64.9	66.5	67.6	67.9	68.3	68.5	68.6	68.7	68.8	68.8	68.9	68.9	69.0	69.0
GE 6000	51.7	64.0	66.4	68.1	69.2	69.5	69.9	70.1	70.2	70.3	70.4	70.4	70.5	70.5	70.6	70.6
GE 5000	53.5	66.6	69.2	71.0	72.3	72.7	73.2	73.4	73.5	73.7	73.7	73.7	73.8	73.9	73.9	73.9
GE 4500	54.9	68.6	71.4	73.4	74.8	75.2	75.7	76.0	76.0	76.2	76.3	76.3	76.4	76.5	76.5	76.5
GE 4000	56.4	71.3	74.4	76.6	78.1	78.6	79.1	79.4	79.5	79.6	79.7	79.7	79.8	79.8	79.9	79.9
GE 3500	57.3	73.1	76.2	78.7	80.3	80.7	81.3	81.6	81.6	81.8	81.9	81.9	82.0	82.0	82.1	82.1
GE 3000	58.7	75.2	78.5	81.1	82.9	83.4	84.0	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.8	84.8
GE 2500	59.5	76.9	80.5	83.3	85.2	85.7	86.3	86.7	86.7	86.9	87.0	87.0	87.1	87.2	87.2	87.2
GE 2000	60.3	78.2	81.9	84.9	86.9	87.4	88.2	88.5	88.6	88.8	88.9	88.9	89.0	89.0	89.1	89.1
GE 1800	60.4	78.5	82.2	85.3	87.4	87.9	88.6	89.0	89.1	89.3	89.4	89.4	89.5	89.5	89.6	89.6
GE 1500	61.0	79.9	83.8	87.2	89.5	90.1	90.9	91.3	91.4	91.6	91.7	91.7	91.8	91.8	91.9	91.9
GE 1200	61.3	80.7	85.0	88.5	91.1	91.8	92.6	93.1	93.2	93.4	93.4	93.4	93.6	93.6	93.7	93.7
GE 1000	61.5	81.4	85.9	89.5	92.6	93.4	94.3	94.9	95.0	95.2	95.3	95.3	95.4	95.5	95.5	95.5
GE 900	61.6	81.6	86.2	90.3	93.1	93.9	94.9	95.5	95.6	95.8	95.9	95.9	96.0	96.0	96.1	96.1
GE 800	61.6	81.8	86.6	90.4	93.8	94.7	95.8	96.4	96.6	96.9	96.9	96.9	97.1	97.1	97.2	97.2
GE 700	61.6	82.0	87.0	90.9	94.5	95.5	96.7	97.4	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.1
GE 600	61.6	82.1	87.1	91.1	94.8	96.0	97.4	98.1	98.3	98.5	98.6	98.6	98.8	98.8	98.8	98.9
GE 500	61.7	82.3	87.3	91.3	95.2	96.4	97.8	98.5	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.5
GE 400	61.7	82.3	87.3	91.4	95.3	96.5	97.9	98.7	99.0	99.3	99.4	99.4	99.6	99.6	99.7	99.7
GE 300	61.7	82.3	87.3	91.4	95.3	96.5	97.9	98.7	99.0	99.4	99.5	99.5	99.7	99.7	99.8	99.8
GE 200	61.7	82.3	87.3	91.4	95.3	96.5	97.9	98.7	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9
GE 100	61.7	82.3	87.3	91.4	95.3	96.5	97.9	98.7	99.0	99.4	99.5	99.5	99.7	99.8	99.9	99.9
GE 0	61.7	82.3	87.3	91.4	95.3	96.5	97.9	98.7	99.0	99.4	99.5	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.3	56.1	58.7	62.0	63.6	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3
GE 20000	48.1	61.4	64.7	68.1	70.2	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2
GE 18000	48.1	61.4	64.7	68.1	70.2	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2
GE 16000	48.1	61.4	64.7	68.1	70.2	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2
GE 14000	48.4	61.8	65.0	68.4	70.6	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6
GE 12000	49.0	62.7	66.1	69.7	71.8	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8
GE 10000	51.2	66.4	69.9	73.7	76.2	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2
GE 9000	51.2	66.6	70.1	73.9	76.4	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4
GE 8000	53.0	69.2	73.3	77.3	80.0	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
GE 7000	53.2	69.6	73.7	77.8	80.4	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4
GE 6000	53.9	70.2	74.3	78.4	81.3	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3
GE 5000	54.9	71.7	76.1	80.2	83.4	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6
GE 4500	56.0	73.7	78.1	82.2	85.8	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0
GE 4000	57.3	76.3	80.9	85.4	89.6	90.2	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9
GE 3500	57.7	77.1	81.7	86.4	90.7	91.3	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0
GE 3000	58.6	78.9	83.6	88.7	93.2	93.9	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.6	94.6
GE 2500	58.8	79.6	84.2	89.3	93.9	94.6	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2
GE 2000	59.0	80.2	84.9	90.0	94.7	95.3	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
GE 1800	59.0	80.2	84.9	90.0	94.7	95.3	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
GE 1500	59.0	80.6	85.2	90.4	95.1	95.8	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4
GE 1200	59.1	81.0	85.8	91.1	95.8	96.4	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1
GE 1000	59.2	81.4	86.3	91.7	96.3	97.0	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8
GE 900	59.2	81.4	86.3	91.7	96.3	97.0	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8
GE 800	59.2	81.6	86.4	91.8	96.4	97.2	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
GE 700	59.3	81.7	86.6	91.9	96.7	97.4	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2
GE 600	59.3	81.7	86.6	91.9	96.8	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 500	59.3	81.8	86.9	92.4	97.4	98.2	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1
GE 400	59.3	81.8	86.9	92.5	97.8	98.6	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 300	59.3	81.8	86.9	92.5	97.8	98.6	99.0	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.7	99.7
GE 200	59.3	81.8	86.9	92.6	97.8	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.8	99.8
GE 100	59.3	81.8	86.9	92.6	97.8	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.8	99.8
GE 0	59.3	81.8	86.9	92.6	97.8	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.7	99.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	33.9	44.3	47.2	51.1	57.2	58.4	59.8	60.3	60.4	60.7	60.8	60.8	60.8	60.8	60.9	60.9
GE 20000	35.4	47.0	50.6	55.4	61.8	63.3	64.9	65.4	65.7	65.9	66.0	66.0	66.1	66.1	66.2	66.2
GE 18000	35.4	47.0	50.6	55.4	61.8	63.3	64.9	65.4	65.7	65.9	66.0	66.0	66.1	66.1	66.2	66.2
GE 16000	35.7	47.3	50.9	55.8	62.1	63.7	65.2	65.8	66.0	66.2	66.3	66.3	66.4	66.4	66.6	66.6
GE 14000	35.7	47.4	51.0	55.9	62.2	63.8	65.3	65.9	66.1	66.3	66.4	66.4	66.6	66.6	66.7	66.7
GE 12000	36.1	48.6	52.1	57.1	63.6	65.1	66.7	67.2	67.4	67.7	67.8	67.8	67.9	67.9	68.0	68.0
GE 10000	37.7	50.6	54.4	59.7	66.2	68.2	69.9	70.4	70.7	70.9	71.0	71.0	71.1	71.1	71.2	71.2
GE 9000	38.1	51.0	54.9	60.1	66.7	68.7	70.3	70.9	71.1	71.3	71.4	71.4	71.6	71.6	71.7	71.7
GE 8000	40.1	54.1	58.3	63.5	70.6	72.6	74.2	74.9	75.1	75.3	75.4	75.4	75.6	75.6	75.7	75.7
GE 7000	40.7	54.8	59.2	64.5	71.7	73.8	75.4	76.1	76.3	76.6	76.7	76.7	76.8	76.8	76.9	76.9
GE 6000	41.4	56.0	60.7	66.1	73.2	75.3	77.0	77.7	77.9	78.1	78.2	78.2	78.3	78.3	78.4	78.4
GE 5000	42.1	56.7	61.6	67.3	74.8	76.9	78.8	79.4	79.7	80.0	80.1	80.1	80.2	80.2	80.3	80.3
GE 4500	43.4	58.3	63.3	69.1	76.7	78.8	80.7	81.6	81.8	82.1	82.2	82.2	82.3	82.3	82.4	82.4
GE 4000	44.1	60.0	65.0	71.2	79.4	81.8	83.7	84.6	84.8	85.1	85.2	85.2	85.3	85.3	85.4	85.4
GE 3500	44.8	60.8	65.8	72.3	80.4	82.8	84.8	85.7	85.9	86.2	86.3	86.3	86.4	86.4	86.6	86.6
GE 3000	45.3	61.8	67.4	74.2	83.1	85.6	87.9	88.8	89.0	89.7	89.8	89.8	89.9	89.9	90.0	90.0
GE 2500	45.9	62.6	68.3	75.1	84.1	86.6	88.9	89.8	90.0	90.7	90.8	90.8	90.9	90.9	91.0	91.0
GE 2000	46.0	63.3	69.2	76.1	85.3	87.8	90.1	91.1	91.3	92.1	92.2	92.2	92.3	92.3	92.4	92.4
GE 1800	46.1	63.4	69.3	76.2	85.4	87.9	90.2	91.2	91.6	92.3	92.4	92.4	92.6	92.6	92.7	92.7
GE 1500	46.6	64.3	70.2	77.1	86.4	89.0	91.4	92.4	92.8	93.6	93.7	93.7	93.8	93.8	93.9	93.9
GE 1200	46.9	64.9	70.8	77.9	87.2	89.8	92.2	93.2	93.6	94.3	94.4	94.4	94.6	94.6	94.7	94.7
GE 1000	47.1	65.6	71.7	79.4	88.9	91.7	94.1	95.1	95.4	96.2	96.3	96.3	96.4	96.4	96.6	96.6
GE 900	47.1	65.6	71.8	79.6	89.0	91.8	94.6	95.6	95.9	96.7	96.8	96.8	96.9	96.9	97.0	97.0
GE 800	47.1	65.6	71.9	79.8	89.4	92.4	95.2	96.2	96.6	97.3	97.4	97.4	97.6	97.6	97.7	97.7
GE 700	47.1	65.6	71.9	79.8	89.4	92.4	95.2	96.2	96.6	97.3	97.4	97.4	97.6	97.6	97.7	97.7
GE 600	47.1	65.6	71.9	79.8	89.8	92.6	95.6	96.6	96.9	97.8	97.9	97.9	98.0	98.0	98.1	98.1
GE 500	47.1	65.7	72.0	79.9	90.0	93.1	95.9	96.9	97.2	98.1	98.2	98.2	98.3	98.3	98.4	98.4
GE 400	47.1	65.7	72.0	79.9	90.1	93.2	96.0	97.1	97.6	98.4	98.6	98.6	98.7	98.7	98.8	98.9
GE 300	47.1	65.7	72.0	79.9	90.1	93.2	96.4	97.6	98.0	98.9	99.0	99.0	99.1	99.2	99.3	99.4
GE 200	47.1	65.7	72.0	79.9	90.1	93.2	96.4	97.6	98.0	98.9	99.0	99.0	99.1	99.2	99.3	99.4
GE 100	47.1	65.7	72.0	79.9	90.1	93.2	96.4	97.6	98.0	99.0	99.1	99.1	99.2	99.3	99.4	99.7
GE 0	47.1	65.7	72.0	79.9	90.1	93.2	96.4	97.6	98.0	99.0	99.1	99.1	99.2	99.3	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	22.6	40.4	44.3	48.3	52.8	54.3	55.7	56.0	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
GE 20000	23.4	43.8	48.3	52.8	58.2	59.8	61.3	61.7	61.9	62.0	62.0	62.0	62.1	62.2	62.2	62.2
GE 18000	23.4	43.9	48.4	52.9	58.3	59.9	61.4	61.8	62.0	62.1	62.1	62.1	62.2	62.3	62.3	62.3
GE 16000	23.4	44.0	48.7	53.1	58.6	60.1	61.7	62.0	62.2	62.3	62.3	62.3	62.4	62.6	62.6	62.6
GE 14000	23.7	44.2	48.9	53.3	59.4	61.0	62.6	62.9	63.1	63.2	63.2	63.2	63.3	63.4	63.4	63.4
GE 12000	24.6	45.7	50.7	55.4	61.7	63.2	65.0	65.3	65.6	65.7	65.7	65.7	65.8	65.9	65.9	65.9
GE 10000	25.6	47.2	52.3	57.2	63.4	65.2	67.1	67.4	67.9	68.0	68.1	68.1	68.2	68.3	68.3	68.3
GE 9000	25.9	47.6	52.8	57.8	64.0	65.8	67.7	68.0	68.4	68.6	68.7	68.7	68.8	68.9	68.9	68.9
GE 8000	27.6	50.8	56.4	62.0	68.8	71.0	72.9	73.2	73.7	73.9	74.0	74.0	74.1	74.2	74.2	74.2
GE 7000	28.6	52.2	58.0	63.7	70.6	72.9	74.9	75.4	75.9	76.1	76.2	76.2	76.3	76.4	76.4	76.4
GE 6000	28.9	53.0	58.9	64.9	71.8	74.1	76.1	76.7	77.1	77.3	77.4	77.4	77.6	77.7	77.7	77.7
GE 5000	29.6	54.1	60.3	66.5	73.9	76.2	78.4	79.0	79.4	79.7	79.9	79.9	80.0	80.1	80.1	80.1
GE 4500	30.3	55.8	62.1	68.3	75.8	78.1	80.4	81.2	81.8	82.1	82.4	82.4	82.6	82.7	82.7	82.7
GE 4000	30.7	57.1	63.8	70.6	78.6	81.0	83.4	84.3	84.9	85.2	85.6	85.6	85.7	85.8	85.8	85.9
GE 3500	30.8	57.2	63.9	70.8	78.9	81.4	84.0	84.9	85.4	85.8	86.1	86.1	86.2	86.3	86.3	86.4
GE 3000	30.8	57.7	64.7	71.8	80.0	82.9	85.7	86.6	87.1	87.6	87.9	87.9	88.0	88.1	88.1	88.2
GE 2500	31.1	58.2	65.6	72.8	81.1	84.0	86.8	87.7	88.2	88.7	89.0	89.0	89.1	89.2	89.2	89.3
GE 2000	31.4	59.3	66.8	74.0	82.6	85.4	88.3	89.2	89.8	90.2	90.6	90.6	90.7	90.8	90.8	90.9
GE 1800	31.4	59.3	66.8	74.0	82.6	85.6	88.4	89.3	89.9	90.3	90.7	90.7	90.8	90.9	90.9	91.0
GE 1500	31.6	59.7	67.2	74.9	83.4	86.6	89.9	90.8	91.3	91.8	92.1	92.1	92.2	92.3	92.3	92.4
GE 1200	31.6	59.9	67.6	75.3	84.0	87.3	90.7	91.6	92.1	92.6	92.9	92.9	93.0	93.1	93.1	93.2
GE 1000	31.7	60.1	67.8	76.0	85.1	88.7	92.0	93.0	93.6	94.0	94.6	94.6	94.7	94.8	94.8	94.9
GE 900	31.9	60.4	68.2	76.7	85.8	89.7	93.0	94.1	94.7	95.1	95.7	95.7	95.8	95.9	95.9	96.0
GE 800	31.9	60.8	68.7	77.2	86.7	90.7	94.0	95.1	95.7	96.1	96.7	96.7	96.8	96.9	96.9	97.0
GE 700	31.9	60.8	68.7	77.2	86.9	91.0	94.4	95.6	96.1	96.6	97.1	97.1	97.2	97.3	97.3	97.4
GE 600	31.9	60.8	68.7	77.2	87.0	91.1	94.6	95.7	96.2	96.7	97.2	97.2	97.3	97.4	97.4	97.6
GE 500	31.9	60.9	69.0	77.5	87.3	91.6	95.4	96.8	97.3	97.8	98.3	98.3	98.6	98.7	98.7	99.1
GE 400	31.9	60.9	69.0	77.6	87.3	91.6	95.4	96.8	97.3	97.8	98.3	98.3	98.6	98.7	98.7	99.1
GE 300	31.9	60.9	69.0	77.6	87.3	91.6	95.4	96.9	97.4	97.9	98.4	98.4	98.7	98.8	98.8	99.2
GE 200	31.9	60.9	69.0	77.6	87.3	91.6	95.4	97.0	97.6	98.1	98.7	98.7	99.1	99.2	99.2	99.7
GE 100	31.9	60.9	69.0	77.6	87.3	91.6	95.4	97.0	97.6	98.1	98.7	98.7	99.1	99.2	99.2	99.8
GE 0	31.9	60.9	69.0	77.6	87.3	91.6	95.4	97.0	97.6	98.1	98.7	98.7	99.1	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	30.2	50.8	53.4	55.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	32.8	56.4	59.8	62.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 18000	32.8	56.6	60.2	62.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	32.8	56.6	60.2	62.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 14000	33.3	57.2	60.9	63.1	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 12000	33.7	58.2	62.2	65.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	34.2	60.0	64.1	67.3	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 9000	34.4	60.2	64.3	67.3	69.3	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	35.6	63.1	67.8	71.3	73.1	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 7000	37.2	65.7	70.3	73.6	75.7	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 6000	37.9	66.7	71.4	74.8	76.9	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 5000	38.6	68.4	73.3	76.9	79.1	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	39.3	69.7	74.7	78.3	80.6	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	40.1	70.9	76.3	80.3	82.6	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	40.4	72.0	77.6	81.6	83.9	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	41.1	73.9	79.6	83.5	86.0	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	41.6	74.7	80.7	84.3	87.2	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2000	41.9	75.8	82.1	86.3	88.9	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	41.9	75.9	82.3	86.6	89.3	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	42.4	77.3	84.0	89.1	92.2	92.6	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1200	42.6	78.2	85.0	90.2	93.4	93.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	42.6	78.3	85.1	91.1	94.6	95.0	96.1	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	42.6	78.4	85.3	91.7	95.1	95.6	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	42.7	78.9	85.8	92.2	95.8	96.2	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	42.7	78.9	86.2	92.8	96.3	97.1	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	42.7	79.0	86.3	92.9	96.4	97.3	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	42.7	79.0	86.4	93.1	97.0	98.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	42.7	79.0	86.4	93.1	97.0	98.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	42.7	79.0	86.4	93.1	97.0	98.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	42.7	79.0	86.4	93.1	97.0	98.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	42.7	79.0	86.4	93.1	97.0	98.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	42.7	79.0	86.4	93.1	97.0	98.1	99.6	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.7	47.3	49.0	49.7	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 20000	37.6	53.6	56.0	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 18000	37.7	54.0	56.4	57.1	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	37.7	54.0	56.4	57.1	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	37.8	54.1	56.7	57.3	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 12000	38.7	56.2	59.0	59.3	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	40.0	59.7	62.6	63.8	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 9000	40.3	60.3	63.2	64.4	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 8000	42.7	64.4	67.3	68.6	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 7000	43.7	66.0	68.9	70.1	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 6000	43.9	66.4	69.4	70.7	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	44.7	68.4	71.9	73.3	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4500	45.2	69.3	72.9	74.3	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4000	47.0	73.0	76.8	78.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3500	48.6	76.7	80.6	82.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	50.1	80.2	84.6	87.3	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	50.9	81.9	86.6	89.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2000	51.4	83.8	88.8	91.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	51.4	83.8	88.9	91.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	52.0	85.1	90.6	93.7	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	52.1	85.8	91.6	94.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	52.1	86.0	91.8	95.3	98.2	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	52.1	86.2	92.1	95.7	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	52.1	86.2	92.2	95.9	99.0	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	52.1	86.2	92.2	95.9	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	52.1	86.2	92.2	95.9	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	52.1	86.2	92.2	95.9	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	52.1	86.2	92.2	95.9	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	52.1	86.2	92.2	95.9	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	52.1	86.2	92.2	95.9	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	52.1	86.2	92.2	95.9	99.0	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	52.1	86.2	92.2	95.9	99.0	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	37.0	46.3	47.8	48.9	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	41.4	54.6	56.7	58.0	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 18000	41.6	54.7	56.8	58.1	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 16000	41.7	54.8	56.9	58.2	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 14000	41.8	55.0	57.1	58.4	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 12000	42.9	56.9	59.0	60.3	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	44.2	59.9	62.6	64.2	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000	44.4	60.9	63.6	65.3	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 8000	46.8	63.8	66.4	68.4	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 7000	47.1	64.3	67.0	69.3	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	47.9	65.9	68.8	70.9	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 5000	49.7	69.2	72.4	75.3	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4500	50.8	72.1	75.4	78.3	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000	53.4	76.7	80.6	83.6	84.1	84.2	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	54.4	79.3	84.1	87.9	88.4	88.6	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000	57.6	83.3	88.4	92.7	93.3	93.4	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	58.3	85.0	90.4	94.9	95.6	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	59.1	86.4	92.0	96.5	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	59.1	86.4	92.0	96.7	97.3	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	59.3	87.2	92.8	97.6	98.2	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	59.3	87.2	92.8	97.6	98.2	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	59.7	87.7	93.2	98.0	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 900	59.7	87.7	93.2	98.0	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 800	59.7	87.7	93.2	98.0	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 700	59.8	87.8	93.3	98.3	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 600	59.8	87.8	93.3	98.3	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 500	59.8	87.8	93.3	98.3	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	59.8	87.8	93.3	98.3	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	59.8	87.8	93.3	98.3	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	59.8	87.8	93.3	98.3	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	59.8	87.8	93.3	98.3	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	59.8	87.8	93.3	98.3	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	44.2	56.0	58.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 20000	49.6	64.6	67.6	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 18000	49.9	64.9	68.0	69.2	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 16000	50.0	65.0	68.1	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 14000	50.6	65.6	68.7	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 12000	51.4	66.7	69.8	71.3	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	53.7	70.7	73.8	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 9000	54.0	71.4	74.6	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 8000	57.0	75.4	78.7	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 7000	57.6	76.6	79.8	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 6000	58.3	77.3	80.7	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 5000	60.1	80.1	84.0	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4500	60.8	82.2	86.2	88.5	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4000	61.7	84.6	88.7	91.1	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	62.1	85.2	89.8	92.3	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	63.0	86.4	91.2	93.9	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	63.2	87.1	92.0	94.8	96.4	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	63.2	87.6	92.4	95.2	97.0	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	63.3	87.7	92.6	95.3	97.1	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	63.6	88.0	92.9	95.7	97.4	98.1	98.2	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	63.6	88.2	93.1	95.9	97.8	98.4	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.3
GE 1000	63.6	88.4	93.4	96.2	98.1	98.8	98.9	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	63.6	88.6	93.6	96.3	98.2	98.9	99.0	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	63.6	88.6	93.7	96.5	98.4	99.1	99.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	63.6	88.6	93.7	96.5	98.4	99.1	99.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	63.6	88.6	93.7	96.5	98.4	99.1	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	63.6	88.6	93.7	96.5	98.4	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	63.6	88.6	93.7	96.5	98.4	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	63.6	88.6	93.7	96.5	98.4	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	63.6	88.6	93.7	96.5	98.4	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	63.6	88.6	93.7	96.5	98.4	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	63.6	88.6	93.7	96.5	98.4	99.1	99.2	99.6	99.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	46.1	58.4	60.4	62.3	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 20000	50.4	64.9	67.2	69.2	69.8	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 18000	50.4	64.9	67.2	69.2	69.8	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	50.4	64.9	67.2	69.2	69.8	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	50.8	65.2	67.6	69.6	70.1	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	52.6	67.7	70.0	72.3	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 10000	54.2	71.3	73.7	75.7	76.7	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 9000	54.2	71.3	73.7	75.7	76.7	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 8000	56.4	74.2	76.6	78.7	79.7	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 7000	56.7	74.8	77.1	79.3	80.3	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 6000	57.4	76.0	78.4	80.9	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 5000	58.7	78.4	81.3	83.9	85.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	59.0	79.3	82.6	85.3	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4000	62.9	83.7	87.0	90.1	92.1	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3500	63.0	84.3	88.1	91.2	93.2	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	64.2	85.7	89.6	92.9	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	64.8	86.6	90.6	93.9	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	64.9	86.8	90.8	94.1	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	64.9	86.8	90.8	94.1	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	65.1	87.2	91.4	94.8	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	65.3	87.6	91.8	95.1	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	65.7	88.1	92.4	95.8	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	65.7	88.1	92.4	95.8	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	65.7	88.1	92.4	95.8	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	65.7	88.1	92.4	95.8	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	65.7	88.1	92.6	95.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	65.7	88.1	92.6	95.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	65.7	88.1	92.6	95.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	65.7	88.1	92.6	95.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	65.7	88.1	92.6	95.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	65.7	88.1	92.6	95.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 0	65.7	88.1	92.6	95.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	36.6	50.0	52.4	54.6	56.4	56.9	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	
GE 20000	39.8	55.8	58.8	61.4	63.5	64.0	64.5	64.6	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
GE 18000	39.9	55.9	59.0	61.5	63.7	64.2	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0
GE 16000	40.0	56.0	59.1	61.7	63.8	64.3	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1
GE 14000	40.3	56.3	59.5	62.0	64.2	64.7	65.2	65.3	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5
GE 12000	41.1	57.8	61.1	63.8	66.0	66.6	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4
GE 10000	42.6	60.7	64.2	67.1	69.5	70.1	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 9000	42.8	61.2	64.6	67.6	70.0	70.6	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
GE 8000	44.9	64.4	68.1	71.2	73.8	74.5	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 7000	45.6	65.5	69.3	72.4	75.0	75.8	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	46.2	66.4	70.3	73.7	76.3	77.0	77.6	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	47.3	68.4	72.6	76.2	79.0	79.8	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
GE 4500	48.1	70.1	74.4	78.0	81.0	81.8	82.5	82.7	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.0
GE 4000	49.7	72.8	77.4	81.3	84.8	85.6	86.3	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.9
GE 3500	50.2	74.1	78.9	83.1	86.7	87.5	88.3	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.9
GE 3000	51.3	76.0	81.1	85.5	89.4	90.3	91.1	91.3	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 2500	51.8	76.9	82.3	86.8	90.7	91.7	92.5	92.7	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 2000	52.1	77.9	83.4	88.0	92.0	92.9	93.8	94.0	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	52.2	77.9	83.4	88.1	92.1	93.1	93.9	94.2	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 1500	52.4	78.7	84.3	89.2	93.4	94.4	95.3	95.6	95.7	95.9	96.0	96.0	96.0	96.1	96.1	96.1
GE 1200	52.6	79.1	84.8	89.7	94.0	95.1	96.0	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.8	96.8
GE 1000	52.7	79.5	85.2	90.4	94.8	96.0	97.0	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8
GE 900	52.7	79.6	85.4	90.7	95.1	96.3	97.3	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.2	98.2
GE 800	52.7	79.7	85.5	90.9	95.4	96.7	97.7	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 700	52.8	79.7	85.6	91.1	95.6	96.9	98.0	98.4	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 600	52.8	79.7	85.7	91.1	95.7	97.0	98.1	98.5	98.6	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 500	52.8	79.8	85.8	91.2	95.9	97.3	98.5	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.5
GE 400	52.8	79.8	85.8	91.2	96.0	97.4	98.5	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6
GE 300	52.8	79.8	85.8	91.2	96.0	97.4	98.6	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7
GE 200	52.8	79.8	85.8	91.2	96.0	97.4	98.6	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.8
GE 100	52.8	79.8	85.8	91.2	96.0	97.4	98.6	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.9
GE 0	52.8	79.8	85.8	91.2	96.0	97.4	98.6	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	40.1	52.9	57.0	60.5	63.9	64.5	65.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	41.7	55.8	60.8	64.7	68.4	69.4	70.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 18000	41.7	55.8	60.8	64.3	68.5	69.5	70.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 16000	41.7	55.8	60.8	64.3	68.5	69.5	70.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 14000	41.8	55.9	61.0	65.1	68.7	69.7	70.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	41.9	56.1	61.4	65.5	69.5	70.5	71.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 10000	43.4	58.4	63.9	68.4	72.6	74.1	75.3	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	43.4	58.4	63.9	68.4	72.6	74.1	75.3	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 8000	45.1	61.1	66.8	71.3	75.5	77.0	78.2	79.1	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 7000	46.0	62.4	68.2	72.3	77.0	78.5	79.7	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 6000	46.3	62.8	68.6	73.3	77.5	79.0	80.2	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 5000	47.3	64.5	70.5	75.3	79.7	81.2	82.4	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	47.5	65.5	72.0	76.9	81.5	83.0	84.2	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 4000	48.9	68.2	74.9	79.9	84.8	86.3	87.5	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3500	49.6	69.9	77.0	82.3	87.1	88.6	90.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	50.1	71.0	78.4	83.5	89.2	91.1	92.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	50.3	71.7	79.1	84.3	90.0	91.8	93.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	50.3	72.0	79.9	85.2	90.9	92.9	94.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	50.3	72.0	79.9	85.2	90.9	92.9	94.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	50.6	72.8	80.7	86.2	92.2	94.2	95.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	50.6	73.3	81.1	87.3	93.0	95.3	97.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	50.6	73.7	81.9	87.5	93.8	96.1	97.8	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	50.6	73.7	81.9	87.5	93.8	96.1	97.8	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	50.6	73.8	82.0	87.6	93.9	96.2	98.0	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	50.6	73.8	82.2	87.7	94.0	96.6	98.3	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	50.6	73.8	82.2	87.7	94.0	96.7	98.4	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	50.6	73.8	82.2	87.7	94.0	96.7	98.4	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	50.6	73.8	82.2	87.7	94.0	96.7	98.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	50.6	73.8	82.2	87.7	94.0	96.7	98.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	50.6	73.8	82.2	87.7	94.0	96.7	98.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	50.6	73.8	82.2	87.7	94.0	96.7	98.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	50.6	73.8	82.2	87.7	94.0	96.7	98.4	99.5	99.5	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF REC : 75-84
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	36.6	50.0	52.4	54.6	56.4	56.9	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	39.8	55.8	58.6	61.4	63.5	64.0	64.5	64.6	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
GE 18000	39.9	55.9	59.0	61.5	63.7	64.2	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0
GE 16000	40.0	56.0	59.1	61.7	63.8	64.3	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1
GE 14000	40.3	56.3	59.5	62.3	64.2	64.7	65.2	65.3	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5
GE 12000	41.1	57.8	61.1	63.8	66.0	66.6	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4
GE 10000	42.6	60.7	64.2	67.1	69.5	70.1	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 9000	42.8	61.2	64.6	67.5	70.0	70.6	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
GE 8000	44.9	64.4	68.1	71.2	73.8	74.5	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 7000	45.6	65.5	69.3	72.4	75.0	75.8	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	46.2	66.4	70.3	73.7	76.3	77.0	77.6	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	47.3	68.4	72.6	76.2	79.0	79.8	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
GE 4500	48.1	70.1	74.4	78.1	81.3	81.8	82.5	82.7	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.0
GE 4000	49.7	72.8	77.4	81.3	84.8	85.6	86.3	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.9
GE 3500	50.2	74.1	78.9	83.1	86.7	87.5	88.3	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.9
GE 3000	51.3	76.0	81.1	85.6	89.4	90.3	91.1	91.3	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 2500	51.8	76.9	82.3	86.8	90.7	91.7	92.5	92.7	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 2000	52.1	77.9	83.4	88.0	92.0	92.9	93.8	94.0	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	52.2	77.9	83.4	88.1	92.1	93.1	93.9	94.2	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 1500	52.4	78.7	84.3	89.2	93.4	94.4	95.3	95.6	95.7	95.9	96.0	96.0	96.0	96.1	96.1	96.1
GE 1200	52.6	79.1	84.8	89.7	94.0	95.1	96.0	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.8	96.8
GE 1000	52.7	79.5	85.2	90.4	94.8	96.0	97.0	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8
GE 900	52.7	79.6	85.4	90.7	95.1	96.3	97.	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.2	98.2
GE 800	52.7	79.7	85.5	90.9	95.4	96.7	97.7	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 700	52.8	79.7	85.6	91.1	95.6	96.9	98.0	98.4	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 600	52.8	79.7	85.7	91.1	95.7	97.0	98.1	98.5	98.6	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 500	52.8	79.8	85.8	91.2	95.9	97.3	98.5	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.5
GE 400	52.8	79.8	85.8	91.2	96.0	97.4	98.5	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6
GE 300	52.8	79.8	85.8	91.2	96.0	97.4	98.6	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7
GE 200	52.8	79.8	85.8	91.2	96.0	97.4	98.6	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.8
GE 100	52.8	79.8	85.8	91.2	96.0	97.4	98.6	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.9
GE 0	52.8	79.8	85.8	91.2	96.0	97.4	98.6	99.0	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.4	40.9	45.4	49.6	54.8	57.4	59.6	61.1	61.5	62.2	62.2	62.2	62.7	62.7	62.7	62.7
GE 20000	32.9	43.3	48.3	53.2	58.8	61.7	64.0	65.6	66.0	66.9	67.1	67.1	67.6	67.6	67.6	67.6
GE 18000	32.9	43.3	48.3	53.3	59.0	61.9	64.2	65.9	66.3	67.2	67.4	67.4	68.0	68.0	68.0	68.0
GE 16000	32.9	43.3	48.3	53.3	59.0	61.9	64.2	65.9	66.3	67.2	67.4	67.4	68.0	68.0	68.0	68.0
GE 14000	32.9	43.3	48.4	53.4	59.1	62.0	64.3	66.0	66.5	67.3	67.5	67.5	68.1	68.1	68.1	68.1
GE 12000	33.4	44.3	49.4	54.5	60.2	63.1	65.5	67.2	67.6	68.5	68.8	68.8	69.4	69.4	69.4	69.4
GE 10000	34.0	46.0	51.5	57.7	64.0	67.3	69.8	71.6	72.0	72.9	73.2	73.2	73.8	73.8	73.8	73.8
GE 9000	34.3	46.3	51.8	58.1	64.3	67.6	70.1	71.9	72.4	73.2	73.5	73.5	74.1	74.1	74.1	74.1
GE 8000	35.1	48.2	53.9	60.2	67.1	70.6	73.2	75.1	75.5	76.3	76.7	76.7	77.3	77.3	77.3	77.3
GE 7000	35.8	49.2	55.3	61.8	68.9	72.5	75.1	76.9	77.3	78.2	78.5	78.5	79.1	79.1	79.1	79.1
GE 6000	35.8	49.4	55.5	62.2	69.2	72.8	75.4	77.2	77.6	78.5	78.8	78.8	79.5	79.5	79.5	79.5
GE 5000	37.1	51.7	58.0	64.7	72.4	76.0	78.7	80.5	81.0	81.9	82.3	82.3	82.9	82.9	82.9	82.9
GE 4500	37.6	52.8	59.0	65.9	74.1	77.8	80.5	82.4	82.8	83.8	84.1	84.1	84.7	84.7	84.7	84.7
GE 4000	38.4	54.3	60.6	67.8	76.7	81.1	84.0	85.9	86.3	87.4	87.7	87.7	88.4	88.4	88.4	88.4
GE 3500	38.6	55.3	61.6	68.9	77.7	82.3	85.3	87.2	87.6	88.7	89.0	89.0	89.7	89.7	89.7	89.7
GE 3000	39.1	56.3	63.1	70.5	80.1	84.9	88.3	90.2	90.6	91.7	92.0	92.0	92.7	92.7	92.7	92.7
GE 2500	39.2	56.6	63.9	71.3	80.9	85.7	89.0	91.0	91.4	92.5	92.8	92.8	93.4	93.4	93.4	93.4
GE 2000	39.2	57.0	64.2	71.5	81.3	86.1	89.5	91.4	91.8	92.9	93.2	93.2	93.9	93.9	93.9	93.9
GE 1800	39.4	57.1	64.3	71.8	81.5	86.3	89.7	91.6	92.0	93.1	93.4	93.4	94.1	94.1	94.1	94.1
GE 1500	39.7	57.7	64.9	72.5	82.5	87.5	90.9	92.8	93.2	94.3	94.6	94.6	95.3	95.3	95.3	95.3
GE 1200	39.8	57.8	65.3	72.9	82.8	87.8	91.2	93.1	93.5	94.6	94.9	94.9	95.6	95.6	95.6	95.6
GE 1000	39.8	58.2	65.7	73.3	83.5	88.8	92.2	94.2	94.6	95.7	96.0	96.0	96.7	96.7	96.7	96.7
GE 900	39.8	58.3	65.8	73.4	83.9	89.1	92.5	94.5	94.9	96.0	96.3	96.3	97.0	97.0	97.0	97.0
GE 800	39.8	58.3	65.9	73.5	84.1	89.5	92.8	94.8	95.3	96.3	96.7	96.7	97.3	97.3	97.3	97.3
GE 700	39.8	58.3	65.9	74.0	84.6	90.1	93.5	95.6	96.0	97.1	97.4	97.4	98.1	98.1	98.1	98.1
GE 600	39.8	58.4	66.1	74.3	85.2	90.6	94.1	96.1	96.6	97.6	98.0	98.0	98.6	98.6	98.6	98.6
GE 500	39.8	58.4	66.3	74.5	85.4	91.0	94.5	96.6	97.0	98.1	98.4	98.4	99.0	99.0	99.0	99.0
GE 400	39.8	58.4	66.5	74.6	85.5	91.1	94.7	96.8	97.2	98.3	98.6	98.6	99.2	99.2	99.2	99.2
GE 300	39.8	58.4	66.5	74.6	85.5	91.1	94.7	96.8	97.2	98.6	98.9	98.9	99.6	99.6	99.6	99.6
GE 200	39.8	58.4	66.5	74.6	85.5	91.1	94.7	96.8	97.2	98.6	98.9	98.9	99.6	99.6	99.6	99.7
GE 100	39.8	58.4	66.5	74.6	85.5	91.1	94.7	96.8	97.2	98.6	98.9	98.9	99.6	99.6	99.6	99.7
GE 0	39.8	58.4	66.5	74.6	85.5	91.1	94.7	96.8	97.2	98.6	98.9	98.9	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	22.8	38.6	42.8	46.9	52.2	55.3	57.1	59.4	60.0	60.4	60.8	60.8	60.9	61.0	61.0	61.0
GE 20000	23.9	41.3	45.9	50.4	56.3	59.7	61.7	64.5	65.3	65.7	66.0	66.0	66.1	66.2	66.2	66.2
GE 18000	23.9	41.8	46.5	51.0	57.0	60.4	62.5	65.3	66.0	66.5	66.8	66.8	66.9	67.0	67.0	67.0
GE 16000	23.9	41.8	46.5	51.0	57.0	60.4	62.5	65.3	66.0	66.5	66.8	66.8	66.9	67.0	67.0	67.0
GE 14000	23.9	42.0	46.8	51.3	57.3	60.8	62.8	65.6	66.3	66.8	67.1	67.1	67.2	67.3	67.3	67.3
GE 12000	23.9	42.7	47.4	52.3	58.4	61.8	64.0	66.8	67.5	68.2	68.6	68.6	68.7	68.8	68.8	68.8
GE 10000	23.9	43.3	48.3	53.4	60.2	64.0	66.3	69.1	69.9	70.5	71.0	71.0	71.1	71.2	71.2	71.2
GE 9000	24.0	43.4	48.4	53.5	60.3	64.1	66.5	69.2	70.0	70.6	71.1	71.1	71.2	71.3	71.3	71.3
GE 8000	24.9	45.6	50.6	56.5	63.7	67.6	70.1	73.2	74.0	74.7	75.2	75.2	75.3	75.4	75.4	75.4
GE 7000	25.3	46.1	51.4	57.3	64.7	68.7	71.3	74.4	75.2	75.9	76.3	76.3	76.5	76.6	76.6	76.6
GE 6000	25.3	46.6	52.3	58.3	65.8	69.8	72.5	75.7	76.5	77.2	77.6	77.6	77.7	77.8	77.8	77.8
GE 5000	25.3	47.5	53.4	59.7	67.5	71.7	74.5	78.0	78.7	79.5	79.9	79.9	80.0	80.1	80.1	80.1
GE 4500	25.8	48.5	54.4	60.9	68.7	72.9	75.7	79.1	79.9	80.6	81.1	81.1	81.2	81.3	81.3	81.3
GE 4000	26.0	49.1	55.3	61.9	70.8	75.1	78.3	82.0	82.8	83.5	84.0	84.0	84.1	84.2	84.2	84.2
GE 3500	26.0	49.7	55.9	62.5	71.4	75.8	79.0	82.8	83.5	84.3	84.7	84.7	84.8	84.9	84.9	84.9
GE 3000	26.3	50.8	57.2	63.9	73.1	77.8	81.2	84.9	85.7	86.9	87.3	87.3	87.4	87.5	87.5	87.5
GE 2500	26.3	51.3	58.0	64.7	74.4	79.4	82.8	86.6	87.3	88.6	89.0	89.0	89.1	89.2	89.2	89.2
GE 2000	26.3	51.7	58.6	65.5	75.4	80.4	84.2	88.0	88.7	90.0	90.4	90.4	90.5	90.6	90.6	90.6
GE 1800	26.5	52.0	58.9	65.9	75.9	81.0	84.7	88.5	89.2	90.5	91.0	91.0	91.1	91.2	91.2	91.2
GE 1500	27.0	52.8	59.9	67.1	77.5	82.8	86.8	90.6	91.5	92.8	93.2	93.2	93.3	93.4	93.4	93.4
GE 1200	27.1	53.0	60.2	67.4	78.3	83.7	87.6	91.5	92.4	93.7	94.1	94.1	94.2	94.3	94.3	94.3
GE 1000	27.1	53.1	60.3	67.5	78.5	84.3	88.4	92.3	93.1	94.4	94.8	94.8	94.9	95.1	95.1	95.1
GE 900	27.1	53.1	60.4	67.6	78.8	84.6	88.8	92.8	93.7	95.2	95.6	95.6	95.7	95.8	95.8	95.8
GE 800	27.2	53.3	60.8	68.1	79.2	85.2	89.4	93.3	94.2	95.7	96.1	96.1	96.2	96.3	96.3	96.3
GE 700	27.2	53.7	61.2	68.5	79.8	85.7	90.0	94.1	95.1	96.6	97.0	97.0	97.1	97.2	97.2	97.2
GE 600	27.2	53.7	61.3	68.7	80.1	86.2	90.8	94.9	95.9	97.4	97.8	97.8	98.1	98.2	98.2	98.2
GE 500	27.2	53.7	61.3	68.8	80.2	86.6	91.1	95.4	96.3	97.8	98.3	98.3	98.6	98.7	98.8	98.8
GE 400	27.2	53.7	61.3	68.8	80.2	86.6	91.1	95.7	96.7	98.2	98.6	98.6	98.9	99.0	99.1	99.1
GE 300	27.2	53.7	61.3	68.8	80.2	86.6	91.1	95.7	96.8	98.3	98.8	98.8	99.1	99.2	99.5	99.5
GE 200	27.2	53.7	61.3	68.8	80.2	86.6	91.1	95.7	96.8	98.3	98.8	98.8	99.1	99.2	99.5	99.8
GE 100	27.2	53.7	61.3	68.8	80.2	86.6	91.1	95.7	96.8	98.3	98.8	98.8	99.1	99.2	99.5	99.9
GE 0	27.2	53.7	61.3	68.8	80.2	86.6	91.1	95.7	96.8	98.3	98.8	98.8	99.1	99.2	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	32.0	49.1	54.0	56.8	58.7	59.0	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 20000	33.8	54.0	59.4	62.5	64.5	64.9	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 18000	33.8	54.3	59.7	62.9	64.8	65.3	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	33.8	54.3	59.7	62.9	64.9	65.4	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	33.9	54.4	59.8	63.2	65.3	65.7	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	33.9	55.1	60.8	64.2	66.2	66.7	67.1	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	34.7	56.8	63.0	66.6	68.9	69.4	69.8	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 9000	34.8	57.1	63.3	66.9	69.2	70.0	70.4	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	35.6	58.9	65.2	68.7	71.2	72.0	72.5	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	35.8	59.2	65.6	69.6	72.0	72.9	73.3	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000	35.9	59.9	66.3	70.4	72.9	74.0	74.5	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	36.1	60.9	67.4	71.5	74.2	75.3	75.8	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4500	36.5	62.0	68.8	72.9	75.6	76.7	77.3	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000	36.7	64.0	71.1	75.3	78.4	79.5	80.2	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3500	36.8	65.2	72.4	76.7	80.3	81.4	82.2	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3000	38.2	67.5	75.5	80.3	84.3	85.4	86.1	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	38.3	68.2	76.2	80.8	85.1	86.2	87.0	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	38.5	69.2	77.6	83.3	87.7	89.0	89.8	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	38.5	69.2	77.6	83.3	87.7	89.1	89.9	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	38.9	71.3	80.0	85.7	90.5	92.0	92.8	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	39.1	71.9	81.2	87.3	92.5	94.0	94.7	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	39.1	72.4	81.9	88.0	93.9	95.6	96.3	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	39.1	72.7	82.3	88.3	94.3	96.0	96.9	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	39.1	72.8	82.6	88.5	94.7	96.5	97.3	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	39.1	72.8	82.7	88.9	95.1	96.8	97.6	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	39.1	73.3	83.3	89.7	95.8	97.5	98.4	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	39.1	73.3	83.3	89.7	95.8	97.6	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	39.1	73.3	83.3	89.7	95.8	97.6	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	39.1	73.3	83.3	89.7	95.8	97.6	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	39.1	73.3	83.3	89.7	95.8	97.6	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	39.1	73.3	83.3	89.7	95.8	97.6	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	39.1	73.3	83.3	89.7	95.8	97.6	98.6	99.5	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	33.1	45.7	49.5	51.5	52.6	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 20000	37.7	53.4	57.6	60.2	61.3	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 18000	37.8	53.8	58.0	60.5	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	37.8	53.8	58.1	60.6	61.7	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 14000	38.2	54.5	58.8	61.4	62.5	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	38.4	55.2	59.7	62.3	63.3	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 10000	39.5	58.0	62.7	65.3	66.3	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 9000	39.6	58.1	62.8	65.4	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 8000	40.0	59.4	64.2	66.3	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 7000	40.8	60.1	64.9	67.5	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	41.4	60.8	65.6	68.7	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 5000	41.8	62.0	66.9	70.0	71.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	43.2	64.2	69.5	72.5	73.9	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	44.3	67.8	73.4	76.7	78.9	79.1	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	44.7	71.2	77.0	80.3	82.7	83.0	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	45.7	74.1	80.6	84.2	87.3	88.0	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	45.9	76.0	83.0	86.7	89.9	90.5	91.4	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
GE 2000	46.2	77.4	85.2	88.9	92.4	93.0	93.9	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 1800	46.2	77.6	85.5	89.4	92.8	93.4	94.3	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
GE 1500	46.6	78.8	86.9	91.0	94.7	95.4	96.2	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 1200	46.7	79.6	87.8	92.3	96.0	96.7	97.5	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1000	46.7	79.8	88.2	92.8	96.6	97.2	98.2	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 900	46.7	79.8	88.2	92.8	96.6	97.3	98.3	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	46.7	79.8	88.2	92.8	96.6	97.3	98.3	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 700	46.7	79.9	88.6	93.2	97.0	97.8	98.8	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 600	46.7	79.9	88.6	93.2	97.0	97.8	98.8	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	46.7	80.0	88.7	93.3	97.1	98.0	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	46.7	80.0	88.7	93.3	97.1	98.0	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	46.7	80.0	88.7	93.3	97.1	98.0	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	46.7	80.0	88.7	93.3	97.1	98.0	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	46.7	80.0	88.7	93.3	97.1	98.0	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	46.7	80.0	88.7	93.3	97.1	98.0	99.0	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	29.8	41.9	46.5	48.3	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000	35.5	51.2	56.3	58.7	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 18000	35.8	51.6	56.8	59.1	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 16000	35.8	51.6	56.8	59.1	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 14000	35.9	52.3	57.4	59.8	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 12000	36.0	52.9	58.1	60.4	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	38.4	57.3	62.6	64.9	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	38.6	57.7	63.0	65.4	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 8000	40.4	61.1	66.8	69.1	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	40.6	61.5	67.3	69.8	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 6000	40.9	61.9	67.7	70.3	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 5000	42.2	64.3	70.2	72.8	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	42.7	66.1	72.6	75.2	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4000	44.2	69.8	76.8	80.3	81.8	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	45.2	72.5	80.2	84.3	85.8	86.5	86.9	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 3000	47.0	75.3	83.7	88.4	90.5	91.5	91.9	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE 2500	47.7	77.3	85.9	90.8	93.1	94.1	94.5	94.8	94.8	95.1	95.2	95.2	95.4	95.4	95.4	95.4
GE 2000	48.0	78.5	87.2	92.3	94.6	95.8	96.3	96.7	96.7	97.0	97.1	97.1	97.4	97.4	97.4	97.4
GE 1800	48.0	78.5	87.2	92.3	94.6	95.8	96.3	96.7	96.7	97.0	97.1	97.1	97.4	97.4	97.4	97.4
GE 1500	48.1	79.0	87.7	92.8	95.6	96.8	97.6	98.0	98.0	98.3	98.5	98.5	98.8	98.8	98.8	98.8
GE 1200	48.1	79.0	87.7	92.9	95.9	97.2	98.1	98.4	98.4	98.7	98.9	98.9	99.2	99.2	99.2	99.2
GE 1000	48.1	79.0	87.7	93.1	96.1	97.4	98.3	98.6	98.6	98.9	99.1	99.1	99.5	99.5	99.5	99.5
GE 900	48.1	79.0	87.7	93.2	96.2	97.6	98.5	98.8	98.8	99.1	99.4	99.4	99.7	99.7	99.7	99.7
GE 800	48.1	79.1	87.8	93.4	96.5	97.8	98.7	99.0	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9
GE 700	48.1	79.1	87.8	93.4	96.5	97.8	98.7	99.0	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9
GE 600	48.1	79.1	87.8	93.4	96.5	97.8	98.7	99.0	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9
GE 500	48.1	79.1	87.8	93.4	96.5	97.8	98.7	99.0	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0
GE 400	48.1	79.1	87.8	93.4	96.5	97.8	98.7	99.0	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0
GE 300	48.1	79.1	87.8	93.4	96.5	97.8	98.7	99.0	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0
GE 200	48.1	79.1	87.8	93.4	96.5	97.8	98.7	99.0	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0
GE 100	48.1	79.1	87.8	93.4	96.5	97.8	98.7	99.0	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0
GE 0	48.1	79.1	87.8	93.4	96.5	97.8	98.7	99.0	99.0	99.4	99.6	99.6	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1800-2300

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	38.0	50.4	54.3	57.2	58.0	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 20000	42.7	57.8	62.7	65.9	66.9	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	43.1	58.3	63.1	66.3	67.3	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	43.1	58.3	63.1	66.3	67.3	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 14000	43.3	58.7	63.7	67.1	68.1	68.9	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 12000	43.8	60.1	65.3	68.3	69.8	70.6	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 10000	46.1	63.9	69.2	73.1	74.3	75.2	75.3	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
GE 9000	46.2	64.0	69.4	73.2	74.4	75.3	75.4	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
GE 8000	47.7	66.9	72.3	76.5	77.7	78.6	78.8	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	48.2	67.3	72.7	76.9	78.2	79.0	79.2	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	48.4	68.0	73.3	77.5	78.8	79.7	80.0	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5
GE 5000	49.4	69.4	74.9	79.4	80.6	81.5	81.8	82.2	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500	49.6	70.8	76.5	81.2	82.6	83.4	83.9	84.2	84.2	84.3	84.5	84.5	84.5	84.5	[illegible]5	84.5
GE 4000	51.3	74.7	81.4	86.3	88.2	89.0	89.5	89.8	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1
GE 3500	51.4	76.1	83.1	88.5	90.9	91.7	92.4	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	51.9	77.2	84.6	90.4	93.1	94.2	94.8	95.2	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7
GE 2500	51.9	77.7	85.6	91.5	94.2	95.6	96.3	96.8	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 2000	52.2	78.2	86.1	92.3	94.9	96.5	97.4	97.8	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4
GE 1800	52.2	78.2	86.1	92.3	94.9	96.5	97.4	97.8	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4
GE 1500	52.2	78.3	86.2	92.3	95.6	97.1	98.1	98.5	98.5	98.7	98.9	98.9	99.1	99.1	99.1	99.1
GE 1200	52.3	78.5	86.5	92.5	95.9	97.4	98.4	98.8	98.8	99.0	99.2	99.2	99.5	99.5	99.5	99.5
GE 1000	52.3	78.5	86.6	92.7	96.1	97.6	98.6	99.0	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.7
GE 900	52.3	78.5	86.6	92.9	96.3	97.8	98.8	99.2	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9
GE 800	52.3	78.5	86.6	92.9	96.5	98.0	98.9	99.4	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 700	52.3	78.5	86.6	92.9	96.5	98.0	98.9	99.4	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 600	52.3	78.5	86.6	92.9	96.5	98.0	98.9	99.4	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	52.3	78.5	86.6	92.9	96.5	98.0	98.9	99.4	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	52.3	78.5	86.6	92.9	96.5	98.0	98.9	99.4	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	52.3	78.5	86.6	92.9	96.5	98.0	98.9	99.4	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	52.3	78.5	86.6	92.9	96.5	98.0	98.9	99.4	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	52.3	78.5	86.6	92.9	96.5	98.0	98.9	99.4	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	52.3	78.5	86.6	92.9	96.5	98.0	98.9	99.4	99.4	99.6	99.8	99.8	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	42.3	55.4	58.4	61.4	64.0	64.3	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	44.6	60.8	64.1	67.7	70.8	71.2	71.4	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 18000	44.7	60.9	64.3	68.3	71.0	71.4	71.6	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 16000	44.7	60.9	64.3	68.3	71.0	71.4	71.6	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 14000	44.8	61.0	64.4	68.1	71.2	71.7	71.9	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 12000	45.4	61.8	65.8	69.3	72.9	73.5	73.8	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 10000	47.7	65.8	69.8	74.3	77.3	78.3	78.5	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	48.0	66.1	70.1	74.3	77.6	78.6	78.8	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	49.0	68.6	72.6	77.1	80.6	81.6	81.8	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 7000	49.6	69.1	73.1	77.6	81.2	82.2	82.4	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 6000	49.7	69.6	73.7	78.2	81.9	82.9	83.1	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	51.6	72.4	76.5	81.1	84.8	85.8	86.0	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4500	52.3	74.2	78.4	83.0	87.1	88.1	88.3	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	53.7	76.6	80.9	85.5	90.2	91.2	91.4	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500	54.4	77.7	82.0	87.1	91.9	92.9	93.1	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	54.7	78.3	83.1	88.4	93.9	94.8	95.1	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	55.1	79.0	84.0	89.5	95.2	96.2	96.5	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	55.1	79.4	84.4	90.1	95.7	96.8	97.1	98.0	98.1	98.1	98.1	98.1	99.1	98.1	98.1	98.1
GE 1800	55.1	79.5	84.5	90.2	95.8	96.9	97.2	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	55.2	79.8	84.9	90.3	96.5	97.5	97.8	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	55.5	80.2	85.4	91.2	97.0	98.1	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	55.5	80.2	85.4	91.3	97.2	98.3	98.6	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 900	55.5	80.2	85.4	91.3	97.2	98.3	98.6	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 800	55.5	80.2	85.4	91.4	97.3	98.4	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 700	55.5	80.2	85.4	91.4	97.3	98.4	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 600	55.5	80.2	85.4	91.4	97.3	98.4	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 500	55.5	80.2	85.4	91.4	97.3	98.4	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 400	55.5	80.2	85.4	91.4	97.3	98.4	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 300	55.5	80.2	85.4	91.4	97.3	98.4	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 200	55.5	80.2	85.4	91.4	97.3	98.4	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 100	55.5	80.2	85.4	91.4	97.3	98.4	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 0	55.5	80.2	85.4	91.4	97.3	98.4	98.8	99.7	99.8	99.8	99.8	99.8	99.8	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	33.7	46.9	51.0	54.0	56.6	57.6	58.2	58.9	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.3
GE 20000	36.6	52.2	56.9	60.4	63.3	64.4	65.2	66.0	66.2	66.4	66.4	66.4	66.5	66.5	66.5	66.5
GE 18000	36.7	52.5	57.2	60.8	63.6	64.8	65.5	66.4	66.5	66.7	66.8	66.8	66.9	66.9	66.9	66.9
GE 16000	36.7	52.5	57.2	60.8	63.7	64.8	65.6	66.4	66.6	66.8	66.8	66.8	66.9	66.9	66.9	66.9
GE 14000	36.8	52.8	57.5	61.2	64.1	65.3	66.0	66.9	67.0	67.2	67.3	67.3	67.4	67.4	67.4	67.4
GE 12000	37.1	53.5	58.5	62.2	65.2	66.4	67.2	68.1	68.2	68.5	68.5	68.5	68.6	68.6	68.6	68.6
GE 10000	38.5	56.2	61.4	65.4	68.7	70.1	70.9	71.8	72.0	72.2	72.3	72.3	72.4	72.4	72.4	72.4
GE 9000	38.6	56.4	61.6	65.5	68.9	70.3	71.2	72.1	72.2	72.5	72.6	72.6	72.7	72.7	72.7	72.7
GE 8000	39.7	58.7	64.0	68.3	71.7	73.2	74.1	75.1	75.2	75.5	75.6	75.6	75.7	75.7	75.7	75.7
GE 7000	40.3	59.4	64.8	69.2	72.6	74.2	75.1	76.0	76.2	76.5	76.6	76.6	76.7	76.7	76.7	76.7
GE 6000	40.5	59.9	65.4	69.9	73.4	74.9	75.9	76.9	77.0	77.3	77.4	77.4	77.5	77.5	77.5	77.5
GE 5000	41.3	61.6	67.2	71.8	75.5	77.1	78.1	79.1	79.2	79.5	79.6	79.6	79.7	79.7	79.7	79.7
GE 4500	41.9	63.0	68.9	73.5	77.5	79.1	80.1	81.1	81.3	81.5	81.7	81.7	81.8	81.8	81.8	81.8
GE 4000	42.9	65.6	71.8	76.7	81.2	83.0	84.2	85.3	85.4	85.7	85.8	85.8	85.9	85.9	85.9	85.9
GE 3500	43.3	67.2	73.7	78.8	83.5	85.3	86.6	87.7	87.8	88.1	88.3	88.3	88.4	88.4	88.4	88.4
GE 3000	44.1	68.8	75.8	81.2	86.5	88.5	89.9	91.0	91.1	91.6	91.7	91.7	91.8	91.8	91.8	91.8
GE 2500	44.4	69.8	77.0	82.4	87.8	89.9	91.4	92.5	92.7	93.1	93.3	93.3	93.4	93.4	93.4	93.4
GE 2000	44.5	70.4	77.9	83.5	89.1	91.3	92.8	94.0	94.2	94.6	94.7	94.7	94.9	94.9	94.9	94.9
GE 1800	44.5	70.5	78.0	83.7	89.3	91.5	93.0	94.2	94.3	94.8	94.9	94.9	95.1	95.1	95.1	95.1
GE 1500	44.8	71.3	78.9	84.3	90.6	92.9	94.5	95.7	95.9	96.3	96.5	96.5	96.6	96.7	96.7	96.7
GE 1200	44.9	71.7	79.5	85.4	91.4	93.8	95.4	96.5	96.7	97.2	97.3	97.3	97.5	97.5	97.5	97.5
GE 1000	44.9	71.9	79.7	85.8	92.0	94.4	96.0	97.3	97.4	97.9	98.1	98.1	98.2	98.3	98.3	98.3
GE 900	44.9	71.9	79.8	85.9	92.1	94.6	96.3	97.5	97.7	98.2	98.4	98.4	98.5	98.6	98.6	98.6
GE 800	44.9	72.0	79.9	86.3	92.3	94.9	96.5	97.8	97.9	98.5	98.6	98.6	98.8	98.8	98.8	98.8
GE 700	44.9	72.0	80.0	86.3	92.6	95.1	96.8	98.1	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2
GE 600	44.9	72.1	80.2	86.4	92.8	95.4	97.1	98.4	98.6	99.1	99.3	99.3	99.5	99.5	99.5	99.5
GE 500	44.9	72.1	80.2	86.5	92.8	95.5	97.3	98.6	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.7
GE 400	44.9	72.1	80.2	86.5	92.8	95.5	97.3	98.7	98.8	99.4	99.5	99.5	99.7	99.8	99.8	99.8
GE 300	44.9	72.1	80.2	86.5	92.8	95.5	97.3	98.7	98.9	99.4	99.6	99.6	99.8	99.8	99.9	99.9
GE 200	44.9	72.1	80.2	86.5	92.8	95.5	97.3	98.7	98.9	99.4	99.6	99.6	99.8	99.8	99.9	99.9
GE 100	44.9	72.1	80.2	86.5	92.8	95.5	97.3	98.7	98.9	99.4	99.6	99.6	99.8	99.8	99.9	99.9
GE 0	44.9	72.1	80.2	86.5	92.8	95.5	97.3	98.7	98.9	99.4	99.6	99.6	99.8	99.8	99.9	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	35.3	46.6	50.3	54.7	59.6	60.8	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 20000	37.6	50.5	55.5	60.2	65.6	67.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 18000	37.6	50.5	55.6	60.3	65.7	67.6	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 16000	37.6	50.5	55.6	60.3	65.7	67.5	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	37.6	50.5	55.7	60.4	65.8	67.6	68.6	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000	38.0	51.1	56.2	61.3	66.3	68.2	69.1	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 10000	39.1	52.9	58.9	64.4	70.2	72.0	73.0	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 9000	39.2	53.1	59.1	64.7	70.5	72.4	73.3	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000	41.0	55.8	62.3	68.1	73.9	75.7	76.7	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 7000	41.3	56.1	62.9	68.8	74.7	76.6	77.5	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 6000	41.4	56.2	63.0	69.0	75.1	76.9	77.8	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	42.3	58.0	65.1	71.4	77.6	79.5	80.4	80.5	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4500	42.3	58.4	65.7	72.3	78.6	80.4	81.4	81.5	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4000	44.0	61.6	70.0	77.2	83.7	85.7	86.7	86.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	44.9	63.7	72.8	80.4	87.2	89.4	90.5	90.6	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	45.8	65.4	75.4	83.1	90.0	92.2	93.4	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	45.8	65.6	75.6	83.4	90.4	92.6	93.9	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	45.8	65.9	75.9	83.8	90.8	92.9	94.4	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	45.8	66.0	76.0	83.9	90.9	93.1	94.6	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	45.9	66.7	76.7	84.6	91.6	94.1	95.6	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	46.0	66.9	77.0	85.2	92.3	94.7	96.2	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	46.2	67.2	77.4	85.5	92.9	95.5	97.0	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	46.2	67.2	77.4	85.5	92.9	95.5	97.0	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	46.3	67.4	77.6	85.8	93.2	95.8	97.5	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	46.5	67.5	77.7	85.9	93.3	95.9	97.6	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	46.5	67.5	77.7	85.9	93.3	95.9	97.6	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	46.5	67.7	78.0	86.1	93.7	96.2	98.0	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	46.5	67.7	78.0	86.1	93.7	96.2	98.0	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	46.5	67.7	78.0	86.1	93.7	96.2	98.0	98.4	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	46.5	67.7	78.0	86.1	93.7	96.2	98.0	98.4	98.8	99.1	99.5	99.5	99.8	99.8	99.8	99.8
GE 100	46.5	67.7	78.0	86.1	93.7	96.2	98.0	98.4	98.8	99.1	99.5	99.5	99.9	99.9	99.9	99.9
GE 0	46.5	67.7	78.0	86.1	93.7	96.2	98.0	98.4	98.8	99.1	99.5	99.5	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	25.9	36.0	40.6	45.2	50.6	55.3	57.3	58.3	58.8	59.0	59.0	59.1	59.1	59.1	59.2	59.2
GE 20000	27.6	39.1	44.3	49.5	56.1	61.7	64.1	65.2	65.9	66.1	66.1	66.2	66.3	66.3	66.5	66.5
GE 18000	27.6	39.1	44.3	49.5	56.2	61.8	64.2	65.3	66.0	66.2	66.2	66.3	66.5	66.5	66.6	66.6
GE 16000	27.6	39.1	44.3	49.5	56.2	61.8	64.2	65.3	66.0	66.2	66.2	66.3	66.5	66.5	66.6	66.6
GE 14000	27.7	39.2	44.4	49.7	56.5	62.0	64.5	65.7	66.5	66.7	66.7	66.8	66.9	66.9	67.0	67.0
GE 12000	28.1	39.8	45.1	50.4	57.4	63.0	65.5	66.7	67.4	67.6	67.6	67.7	67.8	67.8	68.0	68.0
GE 10000	29.1	41.6	47.2	52.9	60.2	65.8	68.3	69.5	70.2	70.5	70.5	70.6	70.8	70.8	70.9	70.9
GE 9000	29.1	41.8	47.2	52.9	60.4	66.0	68.6	69.8	70.5	70.9	70.9	71.0	71.1	71.1	71.2	71.2
GE 8000	30.4	43.9	49.8	56.1	63.8	69.6	72.2	73.3	74.1	74.4	74.4	74.5	74.6	74.6	74.7	74.7
GE 7000	30.9	44.7	51.1	57.4	65.3	71.2	73.8	74.9	75.7	76.0	76.0	76.1	76.2	76.2	76.3	76.3
GE 6000	31.4	45.3	51.8	58.3	66.3	72.3	74.8	76.0	76.8	77.1	77.1	77.2	77.3	77.3	77.4	77.4
GE 5000	32.3	46.5	53.1	59.5	67.8	74.0	76.7	77.8	78.6	78.9	78.9	79.0	79.1	79.1	79.2	79.2
GE 4500	32.4	47.0	53.8	60.4	68.8	74.9	77.6	78.8	79.6	79.9	79.9	80.0	80.1	80.1	80.2	80.2
GE 4000	32.8	48.9	56.1	63.1	72.3	78.5	81.5	82.7	83.4	83.8	83.8	83.9	84.0	84.0	84.1	84.1
GE 3500	33.5	51.3	58.8	66.3	76.0	82.6	85.6	86.8	87.5	87.8	87.8	88.0	88.1	88.1	88.2	88.2
GE 3000	34.4	52.5	60.3	68.4	78.9	85.5	88.9	90.3	91.1	91.4	91.4	91.5	91.6	91.6	91.7	91.7
GE 2500	34.5	52.7	60.6	69.1	79.7	86.2	89.9	91.3	92.0	92.4	92.4	92.5	92.6	92.6	92.7	92.7
GE 2000	34.5	52.8	60.6	69.4	79.9	86.8	90.4	91.8	92.6	92.9	92.9	93.0	93.1	93.1	93.2	93.2
GE 1800	34.6	53.1	61.1	69.7	80.2	87.1	90.8	92.2	92.9	93.2	93.2	93.3	93.4	93.4	93.5	93.5
GE 1500	34.6	53.2	61.2	69.8	80.8	87.6	91.4	92.8	93.5	93.9	93.9	94.0	94.1	94.1	94.2	94.2
GE 1200	34.7	53.5	61.6	70.2	81.2	88.1	91.8	93.3	94.2	94.5	94.5	94.6	94.7	94.7	94.8	94.8
GE 1000	34.7	53.7	62.0	70.5	81.6	88.6	92.4	93.9	94.7	95.1	95.1	95.2	95.3	95.3	95.4	95.4
GE 900	34.7	53.7	62.0	70.5	81.6	88.7	92.5	94.0	94.8	95.2	95.2	95.3	95.4	95.4	95.5	95.5
GE 800	34.7	53.9	62.3	70.9	81.9	89.2	93.0	94.5	95.4	95.7	95.7	95.8	95.9	95.9	96.0	96.0
GE 700	35.1	54.2	62.7	71.4	82.5	89.8	93.5	95.1	95.9	96.2	96.2	96.3	96.5	96.5	96.6	96.6
GE 600	35.1	54.2	62.7	71.5	82.8	90.2	94.1	95.6	96.5	96.8	96.8	96.9	97.0	97.0	97.1	97.1
GE 500	35.1	54.2	62.7	71.6	83.2	90.6	94.5	96.2	97.2	97.6	97.6	97.7	97.8	97.8	98.0	98.0
GE 400	35.1	54.2	62.7	71.6	83.3	90.8	94.6	96.5	97.4	97.8	98.2	98.3	98.4	98.4	98.5	98.5
GE 300	35.1	54.2	62.7	71.6	83.3	90.8	94.7	96.7	97.6	98.1	98.4	98.5	98.6	98.6	98.7	98.8
GE 200	35.1	54.2	62.7	71.6	83.3	90.9	94.8	96.8	97.7	98.3	98.6	98.7	99.0	99.0	99.1	99.2
GE 100	35.1	54.2	62.7	71.6	83.3	90.9	94.8	96.8	97.7	98.3	98.6	98.7	99.1	99.1	99.4	99.7
GE 0	35.1	54.2	62.7	71.6	83.3	90.9	94.8	96.8	97.7	98.3	98.6	98.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	15.7	24.8	28.8	33.1	39.6	42.6	46.8	51.1	52.4	52.9	53.4	53.4	53.9	54.2	54.3	54.3
GE 20000	16.5	26.5	30.8	36.3	43.4	47.0	51.6	55.9	57.3	58.1	58.6	58.6	59.2	59.7	59.8	59.8
GE 18000	16.6	27.0	31.3	36.7	44.2	47.7	52.4	56.7	58.1	58.9	59.5	59.5	60.1	60.5	60.6	60.6
GE 16000	16.6	27.0	31.3	36.7	44.2	47.7	52.4	56.7	58.1	58.9	59.5	59.5	60.1	60.5	60.6	60.6
GE 14000	16.7	27.2	31.5	36.9	44.5	48.3	52.9	57.2	58.9	59.8	60.3	60.3	61.0	61.4	61.5	61.5
GE 12000	16.8	27.6	32.0	37.3	45.6	49.5	54.4	58.7	60.4	61.3	61.8	61.8	62.5	62.9	63.0	63.0
GE 10000	17.5	29.5	34.5	40.3	49.7	53.7	58.8	63.5	65.3	66.2	66.8	66.8	67.4	67.8	68.0	68.3
GE 9000	17.5	29.9	34.9	41.2	50.1	54.1	59.2	64.0	65.7	66.7	67.2	67.2	67.8	68.3	68.4	68.4
GE 8000	18.5	32.6	38.4	45.4	54.9	59.1	64.5	69.2	71.0	71.9	72.5	72.5	73.1	73.5	73.7	73.7
GE 7000	18.5	32.9	38.8	46.1	56.0	60.4	65.9	70.6	72.4	73.3	73.9	73.9	74.5	74.9	75.1	75.1
GE 6000	18.5	33.1	39.4	46.3	57.1	61.6	67.5	72.3	74.0	74.9	75.5	75.5	76.2	76.7	76.8	76.8
GE 5000	18.8	33.9	40.2	47.3	58.4	63.1	69.1	74.0	75.7	76.7	77.2	77.2	78.0	78.4	78.5	78.5
GE 4500	18.9	34.6	41.1	48.9	59.5	64.3	70.4	75.3	77.0	78.0	78.6	78.6	79.4	79.8	79.9	79.9
GE 4000	19.0	34.9	41.6	49.7	60.3	65.4	71.8	77.0	78.7	79.7	80.3	80.3	81.1	81.5	81.6	81.6
GE 3500	19.4	35.5	42.4	50.4	61.5	66.6	73.2	78.4	80.1	81.1	81.7	81.7	82.5	82.9	83.0	83.0
GE 3000	19.5	35.7	42.9	51.1	62.6	67.8	74.9	80.4	82.3	83.2	83.9	83.9	84.6	85.1	85.2	85.2
GE 2500	19.6	36.1	43.3	51.5	63.2	68.5	75.9	81.5	83.3	84.3	84.9	84.9	85.7	86.1	86.2	86.2
GE 2000	19.7	36.7	44.1	52.4	64.1	69.4	76.9	83.1	84.9	85.9	86.6	86.6	87.3	87.7	87.8	87.8
GE 1800	19.9	37.0	44.4	52.8	64.5	69.8	77.3	83.5	85.4	86.3	87.0	87.0	87.7	88.2	88.3	88.3
GE 1500	20.1	37.6	45.2	53.8	65.6	71.2	78.9	85.3	87.1	88.1	88.7	88.7	89.5	89.9	90.0	90.0
GE 1200	20.2	37.7	45.3	53.9	65.9	71.7	79.6	86.0	87.8	88.8	89.5	89.5	90.2	90.6	90.8	90.8
GE 1000	20.3	38.0	45.9	55.1	67.3	73.4	81.7	88.4	90.2	91.2	91.8	91.8	92.6	93.0	93.1	93.1
GE 900	20.3	38.0	45.9	55.1	67.4	73.5	81.8	88.6	90.4	91.4	92.0	92.0	92.8	93.2	93.3	93.3
GE 800	20.3	38.0	46.2	55.4	68.1	74.2	82.6	89.5	91.3	92.4	93.1	93.2	94.0	94.4	94.5	94.5
GE 700	20.3	38.1	46.5	55.6	68.3	74.5	83.1	90.1	91.9	93.0	93.8	93.9	94.6	95.1	95.2	95.2
GE 600	20.3	38.3	46.7	55.8	68.6	75.2	83.8	91.0	92.8	93.9	94.6	94.7	95.5	95.9	96.0	96.0
GE 500	20.3	38.3	46.8	55.9	68.8	75.4	84.5	92.0	94.1	95.3	96.1	96.2	97.0	97.4	97.5	97.5
GE 400	20.3	38.3	46.8	55.9	68.8	75.4	84.5	92.4	94.6	96.0	96.9	97.0	97.7	98.2	98.3	98.3
GE 300	20.3	38.3	46.8	55.9	68.8	75.4	84.5	92.4	94.6	96.1	97.0	97.1	98.1	98.7	98.8	98.8
GE 200	20.3	38.3	46.8	55.9	68.8	75.4	84.5	92.4	94.6	96.1	97.1	97.2	98.4	99.1	99.4	99.5
GE 100	20.3	38.3	46.8	55.9	68.8	75.4	84.5	92.4	94.6	96.1	97.1	97.2	98.4	99.1	99.5	99.9
GE 0	20.3	38.3	46.8	55.9	68.8	75.4	84.5	92.4	94.6	96.1	97.1	97.2	98.4	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	20.3	38.1	42.9	47.4	50.3	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 20000	22.0	42.4	48.5	53.9	57.0	58.2	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 18000	22.2	42.6	48.7	54.1	57.2	58.4	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 16000	22.2	42.6	48.7	54.1	57.2	58.4	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 14000	22.3	42.7	49.0	54.6	57.7	58.9	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 12000	22.4	43.3	50.1	55.7	58.9	60.1	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 10000	23.9	46.1	53.4	59.7	63.1	64.3	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 9000	23.9	46.2	53.7	60.3	63.4	64.7	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	24.7	48.1	55.9	62.3	66.6	67.8	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 7000	25.1	48.8	57.1	64.2	68.2	69.6	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 6000	25.2	49.4	58.2	65.5	69.7	71.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	25.4	50.2	59.4	67.2	72.0	73.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	25.6	50.9	60.0	68.1	72.9	74.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4000	25.7	51.7	61.1	69.2	74.3	76.0	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3500	25.9	52.6	62.4	70.9	76.1	77.8	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 3000	26.2	54.4	64.9	74.3	79.7	81.5	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2500	26.9	55.5	66.5	75.6	81.4	83.4	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	27.2	56.7	67.8	77.1	83.1	85.5	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	27.4	57.2	68.4	77.6	83.7	86.0	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	27.5	59.1	71.0	80.9	87.2	89.6	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	27.5	60.0	72.0	82.3	89.1	91.9	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	27.6	60.8	72.8	83.7	91.1	94.1	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	27.6	60.8	72.9	83.3	91.2	94.2	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	27.6	61.0	73.3	84.2	91.8	95.1	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
GE 700	27.6	61.2	73.5	84.6	92.5	95.9	97.4	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4
GE 600	27.6	61.2	73.7	84.8	92.8	96.2	98.1	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1
GE 500	27.6	61.2	73.7	84.8	92.8	96.3	98.2	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2
GE 400	27.6	61.2	73.7	84.9	92.9	96.5	98.4	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9
GE 300	27.6	61.2	73.7	84.9	92.9	96.5	98.4	99.4	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0
GE 200	27.6	61.2	73.7	84.9	92.9	96.5	98.4	99.4	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0
GE 100	27.6	61.2	73.7	84.9	92.9	96.5	98.4	99.4	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0
GE 0	27.6	61.2	73.7	84.9	92.9	96.5	98.4	99.4	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	24.7	40.5	44.0	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	28.0	47.7	52.6	54.2	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 18000	28.0	48.0	52.8	54.4	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 16000	28.0	48.0	52.8	54.4	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	28.5	48.6	53.5	55.3	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	29.4	49.8	54.8	56.6	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 10000	30.3	51.8	57.8	60.1	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 9000	30.3	52.2	58.2	60.4	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	31.4	54.9	61.3	64.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 7000	31.7	55.6	62.0	64.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 6000	31.7	55.8	62.3	64.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 5000	31.9	57.4	64.0	67.2	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4500	32.0	58.1	64.6	68.3	70.0	70.2	70.2	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 4000	33.7	62.2	69.5	73.3	75.8	76.1	76.2	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3500	34.3	65.3	72.8	77.1	79.7	80.0	80.1	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000	36.7	70.6	79.0	84.3	87.3	87.7	88.0	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2500	37.4	72.3	80.9	86.8	89.9	90.4	90.6	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	37.8	73.4	82.3	88.5	92.3	92.8	93.1	93.3	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	37.8	73.5	82.4	88.6	92.6	93.1	93.4	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	38.0	75.1	84.5	90.8	94.7	95.4	95.7	96.0	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 1200	38.0	75.8	85.3	91.5	95.9	96.7	97.0	97.3	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 1000	38.0	76.0	85.7	92.3	97.1	98.1	98.4	98.7	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 900	38.0	76.0	85.7	92.3	97.1	98.1	98.4	98.7	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 800	38.0	76.0	85.7	92.3	97.2	98.4	98.7	99.0	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 700	38.0	76.0	85.7	92.3	97.2	98.4	98.7	99.0	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 600	38.0	76.1	85.8	92.4	97.3	98.5	98.8	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	38.0	76.1	85.8	92.4	97.3	98.6	99.0	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	38.0	76.1	85.8	92.4	97.3	98.6	99.0	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	38.0	76.1	85.8	92.4	97.3	98.6	99.0	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	38.0	76.1	85.8	92.4	97.3	98.6	99.0	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	38.0	76.1	85.8	92.4	97.3	98.6	99.0	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	38.0	76.1	85.8	92.4	97.3	98.6	99.0	99.4	99.6	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.0	41.7	46.5	48.0	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	30.6	49.8	56.7	58.3	58.7	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 18000	30.6	49.8	56.7	58.3	58.7	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 16000	30.6	49.8	56.7	58.3	58.7	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 14000	31.1	50.3	57.3	59.0	59.5	59.8	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 12000	32.2	51.8	59.0	61.0	61.4	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 10000	33.9	55.5	63.0	65.3	65.7	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	34.0	55.7	63.2	65.5	65.9	66.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 8000	34.9	58.7	66.5	69.2	70.0	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 7000	35.4	59.8	67.7	70.8	71.5	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000	35.6	60.8	68.8	71.9	72.9	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	36.1	62.3	70.9	74.3	75.3	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4500	36.1	63.1	71.8	75.3	76.2	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	37.4	67.3	77.4	81.4	82.6	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	38.5	69.5	79.8	84.3	85.6	85.9	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	40.2	74.0	85.4	90.4	92.9	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	40.6	75.6	87.3	92.5	94.9	95.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	40.6	75.9	87.6	92.8	95.5	96.1	96.2	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 1800	40.6	76.0	87.8	93.0	95.8	96.5	96.6	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 1500	40.6	76.2	88.2	93.4	96.3	97.1	97.2	97.6	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 1200	40.6	76.6	88.5	94.0	97.0	97.8	98.0	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 1000	40.6	76.6	88.6	94.1	97.2	98.1	98.3	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 900	40.6	76.6	88.6	94.1	97.3	98.2	98.4	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 800	40.6	76.6	88.6	94.1	97.3	98.2	98.5	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 700	40.6	76.6	88.6	94.1	97.3	98.4	98.7	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 600	40.6	76.6	88.6	94.1	97.3	98.4	98.7	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	40.6	76.6	88.6	94.1	97.4	98.5	98.8	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	40.6	76.6	88.6	94.1	97.4	98.5	98.8	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	40.6	76.6	88.6	94.1	97.4	98.5	98.8	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	40.6	76.6	88.6	94.1	97.4	98.5	98.8	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	40.6	76.6	88.6	94.1	97.4	98.5	98.8	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	40.6	76.6	88.6	94.1	97.4	98.5	98.8	99.2	99.2	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1800-2300

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	32.4	47.0	51.7	55.5	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 20000	34.9	53.5	60.0	64.2	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 18000	34.9	53.5	60.0	64.3	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	34.9	53.5	60.0	64.3	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	35.2	54.0	60.4	64.7	65.9	66.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	36.5	55.8	62.4	66.8	68.0	68.3	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 10000	38.5	59.0	66.1	71.5	72.8	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000	38.5	59.5	66.6	71.9	73.4	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 8000	40.8	63.0	70.3	76.2	78.0	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 7000	41.3	64.5	71.9	78.2	80.0	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	41.3	64.9	72.5	78.8	80.6	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 5000	41.9	66.0	74.0	80.6	82.5	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4500	42.4	67.1	75.5	82.2	84.0	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4000	43.3	70.0	78.6	85.8	87.6	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	44.2	71.3	80.3	87.8	89.9	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	44.9	73.0	83.0	91.2	93.7	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	45.4	74.2	84.4	92.8	95.4	96.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	45.4	74.4	84.7	93.2	96.0	96.7	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	45.4	74.4	84.7	93.3	96.1	96.8	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	45.4	74.5	84.9	93.8	96.7	97.3	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	45.4	74.6	85.1	93.9	96.9	97.5	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	45.4	74.6	85.1	94.1	97.2	97.8	98.3	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	45.4	74.6	85.1	94.1	97.2	97.8	98.3	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	45.4	74.6	85.1	94.2	97.3	98.0	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	45.4	74.6	85.1	94.2	97.3	98.0	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	45.4	74.6	85.1	94.2	97.3	98.0	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	45.4	74.8	85.3	94.4	97.5	98.5	99.0	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	45.4	74.8	85.3	94.4	97.5	98.5	99.0	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	45.4	74.8	85.3	94.4	97.5	98.5	99.0	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	45.4	74.8	85.3	94.4	97.5	98.5	99.0	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	45.4	74.8	85.3	94.4	97.5	98.5	99.0	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	45.4	74.8	85.3	94.4	97.5	98.5	99.0	99.6	99.6	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	39.0	50.8	54.3	57.4	59.1	59.4	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 20000	40.5	56.1	61.5	65.4	67.8	68.4	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 18000	40.5	56.2	61.6	65.5	68.0	68.5	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 16000	40.5	56.2	61.6	65.5	68.0	68.5	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 14000	40.6	56.3	61.7	65.9	68.4	68.9	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 12000	41.1	57.0	62.4	66.6	69.0	69.6	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	43.2	60.2	66.3	71.1	74.3	74.8	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 9000	43.5	61.0	67.1	71.8	75.1	75.6	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 8000	44.7	64.2	70.8	75.7	79.0	79.6	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 7000	44.9	65.1	71.6	76.9	80.4	81.0	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000	44.9	65.3	72.0	77.3	80.9	81.4	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 5000	46.5	67.6	74.9	80.4	84.1	84.6	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	46.6	68.3	75.7	81.4	85.1	85.6	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	48.3	71.8	80.1	86.1	90.4	91.0	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500	48.9	73.0	81.6	87.5	92.8	93.4	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 3000	49.7	74.1	83.2	89.6	94.7	95.6	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	50.0	74.6	83.8	90.3	95.7	96.6	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	50.0	74.7	83.9	90.5	95.9	96.8	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	50.0	74.9	84.1	90.8	96.1	97.1	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	50.0	75.2	84.3	91.3	96.5	97.4	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	50.1	75.3	84.5	91.2	96.7	97.6	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	50.2	75.4	84.6	91.4	96.9	98.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	50.2	75.4	84.6	91.4	96.9	98.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	50.3	75.5	84.7	91.5	97.0	98.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	50.3	75.5	84.7	91.5	97.0	98.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	50.3	75.5	84.7	91.5	97.0	98.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	50.3	75.7	84.9	91.7	97.2	98.5	98.9	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	50.3	75.7	84.9	91.7	97.2	98.5	98.9	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	50.3	75.7	84.9	91.7	97.2	98.5	98.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	50.3	75.7	84.9	91.7	97.2	98.5	98.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	50.3	75.7	84.9	91.7	97.2	98.5	98.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	50.3	75.7	84.9	91.7	97.2	98.5	98.9	99.9	99.9	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	27.5	40.7	44.9	48.3	51.2	52.6	53.4	54.2	54.4	54.5	54.6	54.6	54.6	54.7	54.7	54.7
GE 20000	29.7	45.7	51.2	55.2	58.6	60.3	61.4	62.2	62.4	62.6	62.6	62.6	62.7	62.8	62.8	62.8
GE 18000	29.8	45.8	51.4	55.4	58.8	60.5	61.6	62.4	62.6	62.8	62.9	62.9	63.0	63.0	63.1	63.1
GE 16000	29.8	45.8	51.4	55.4	58.8	60.5	61.6	62.4	62.6	62.8	62.9	62.9	63.0	63.0	63.1	63.1
GE 14000	30.0	46.1	51.7	55.8	59.3	61.0	62.1	63.0	63.3	63.5	63.5	63.5	63.6	63.7	63.7	63.7
GE 12000	30.5	47.0	52.8	57.0	60.5	62.2	63.4	64.2	64.6	64.7	64.8	64.8	64.9	65.0	65.0	65.0
GE 10000	31.9	49.6	55.9	60.7	64.6	66.3	67.6	68.5	68.8	69.0	69.1	69.1	69.2	69.2	69.2	69.2
GE 9000	32.0	49.9	56.3	61.1	65.0	66.8	68.0	68.9	69.3	69.4	69.5	69.5	69.6	69.7	69.7	69.7
GE 8000	33.3	52.6	59.4	64.7	68.9	70.7	72.0	72.9	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.6
GE 7000	33.6	53.4	60.4	65.9	70.3	72.1	73.4	74.3	74.7	74.8	74.9	74.9	75.0	75.1	75.1	75.1
GE 6000	33.8	53.6	61.0	66.6	71.1	73.0	74.4	75.3	75.6	75.8	75.8	75.9	76.0	76.0	76.0	76.0
GE 5000	34.4	55.2	62.7	68.6	73.3	75.3	76.7	77.6	77.9	78.1	78.2	78.2	78.3	78	78.4	78.4
GE 4500	34.5	55.9	63.5	69.6	74.4	76.4	77.8	78.7	79.1	79.3	79.3	79.4	79.5	79.	79.5	79.5
GE 4000	35.5	58.6	66.8	73.2	78.4	80.5	82.0	83.0	83.4	83.6	83.7	83.7	83.8	83.8	83.9	83.9
GE 3500	36.2	60.3	68.9	75.5	81.1	83.3	84.9	85.9	86.3	86.5	86.6	86.6	86.7	86.7	86.8	86.9
GE 3000	37.2	62.5	71.8	79.3	85.0	87.3	89.1	90.1	90.5	90.7	90.8	90.8	90.9	91.0	91.0	91.0
GE 2500	37.5	63.3	72.8	80.3	86.3	88.7	90.5	91.7	92.1	92.3	92.4	92.4	92.5	92.5	92.6	92.6
GE 2000	37.6	63.8	73.4	81.3	87.2	89.6	91.5	92.8	93.2	93.4	93.5	93.5	93.6	93.7	93.7	93.7
GE 1800	37.7	64.0	73.6	81.2	87.5	89.9	91.8	93.1	93.5	93.8	93.9	93.9	94.0	94.0	94.1	94.1
GE 1500	37.8	64.7	74.5	82.2	88.7	91.2	93.2	94.5	94.9	95.2	95.3	95.3	95.4	95.5	95.5	95.5
GE 1200	37.8	65.1	74.9	82.8	89.4	92.0	94.0	95.4	95.8	96.0	96.1	96.1	96.3	96.3	96.4	96.4
GE 1000	37.9	65.3	75.3	83.3	90.2	92.9	95.0	96.4	96.8	97.1	97.2	97.2	97.3	97.4	97.4	97.4
GE 900	37.9	65.3	75.3	83.4	90.2	93.0	95.1	96.5	96.9	97.2	97.3	97.3	97.4	97.5	97.5	97.5
GE 800	37.9	65.4	75.4	83.5	90.5	93.4	95.5	96.9	97.3	97.6	97.8	97.8	97.9	98.0	98.0	98.0
GE 700	38.0	65.5	75.6	83.7	90.7	93.6	95.8	97.2	97.6	98.0	98.1	98.1	98.2	98.3	98.3	98.3
GE 600	38.0	65.5	75.6	83.8	90.8	93.8	96.0	97.5	97.9	98.2	98.3	98.4	98.5	98.6	98.6	98.6
GE 500	38.0	65.6	75.7	83.9	91.0	94.1	96.4	97.9	98.4	98.8	98.9	99.0	99.1	99.2	99.2	99.2
GE 400	38.0	65.6	75.7	83.9	91.0	94.1	96.4	98.1	98.5	99.0	99.2	99.2	99.4	99.4	99.4	99.4
GE 300	38.0	65.6	75.7	83.9	91.0	94.1	96.4	98.1	98.6	99.0	99.2	99.3	99.5	99.6	99.6	99.6
GE 200	38.0	65.6	75.7	83.9	91.0	94.1	96.4	98.1	98.6	99.1	99.3	99.3	99.6	99.7	99.8	99.8
GE 100	38.0	65.6	75.7	83.9	91.0	94.1	96.4	98.1	98.6	99.1	99.3	99.3	99.7	99.8	99.8	99.9
GE 0	38.0	65.6	75.7	83.9	91.0	94.1	96.4	98.1	98.6	99.1	99.3	99.3	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	41.0	50.4	53.2	56.7	59.7	61.6	62.4	62.4	62.7	62.9	62.9	62.9	63.1	63.1	63.2	63.3
GE 20000	43.0	53.2	56.0	59.6	63.2	65.2	66.2	66.2	66.4	66.7	66.7	66.7	66.9	66.9	67.0	67.1
GE 18000	43.1	53.7	56.4	60.0	63.7	65.7	66.7	66.7	66.9	67.1	67.1	67.1	67.3	67.3	67.4	67.6
GE 16000	43.1	53.7	56.4	60.0	63.7	65.7	66.7	66.7	66.9	67.1	67.1	67.1	67.3	67.3	67.4	67.6
GE 14000	43.6	54.1	56.9	60.4	64.1	66.1	67.1	67.1	67.3	67.6	67.6	67.6	67.8	67.8	67.9	68.0
GE 12000	45.2	55.9	58.7	62.2	65.9	67.9	68.9	68.9	69.1	69.3	69.3	69.3	69.6	69.6	69.7	69.8
GE 10000	47.3	58.7	61.6	65.7	69.4	71.4	72.4	72.4	72.7	72.9	72.9	72.9	73.1	73.1	73.2	73.3
GE 9000	47.7	59.3	62.2	66.4	70.2	72.2	73.2	73.2	73.4	73.7	73.7	73.7	73.9	73.9	74.0	74.1
GE 8000	50.4	62.4	65.4	69.7	73.4	75.6	76.6	76.6	76.8	77.0	77.0	77.0	77.2	77.2	77.3	77.4
GE 7000	51.3	64.0	67.0	71.4	75.2	77.3	78.4	78.4	78.7	78.9	78.9	78.9	79.1	79.1	79.2	79.3
GE 6000	52.7	65.7	68.7	73.1	77.0	79.1	80.2	80.2	80.4	80.7	80.7	80.7	80.9	80.9	81.0	81.1
GE 5000	54.6	67.6	70.6	75.0	79.1	81.2	82.3	82.3	82.6	82.8	82.8	82.8	83.0	83.0	83.1	83.2
GE 4500	55.6	68.6	71.6	76.0	80.4	82.6	83.7	83.7	83.9	84.1	84.1	84.1	84.3	84.3	84.4	84.6
GE 4000	56.9	70.3	73.8	78.4	83.1	85.2	86.4	86.4	86.7	86.9	86.9	86.9	87.1	87.1	87.2	87.3
GE 3500	57.3	70.9	74.3	79.0	83.8	85.9	87.1	87.3	87.6	87.8	87.8	87.8	88.0	88.0	88.1	88.2
GE 3000	59.0	72.6	76.0	80.7	85.7	87.8	89.0	89.3	89.6	89.8	89.8	89.8	90.0	90.0	90.1	90.2
GE 2500	59.1	73.1	76.6	81.7	86.7	88.8	90.0	90.3	90.6	90.8	90.8	90.8	91.0	91.0	91.1	91.2
GE 2000	59.1	74.1	77.7	83.1	88.2	90.3	91.7	92.1	92.3	92.6	92.6	92.6	92.8	92.8	92.9	93.0
GE 1800	59.2	74.2	77.8	83.2	88.3	90.6	91.9	92.3	92.6	92.8	92.8	92.8	93.0	93.0	93.1	93.2
GE 1500	59.7	75.3	78.9	84.5	90.0	92.2	93.6	94.0	94.2	94.4	94.4	94.4	94.7	94.7	94.8	94.9
GE 1200	59.8	76.2	79.9	85.7	91.2	93.4	94.8	95.2	95.4	95.7	95.7	95.7	95.9	95.9	96.0	96.1
GE 1000	59.8	76.3	80.4	86.3	92.0	94.2	95.6	96.1	96.3	96.6	96.6	96.6	96.8	96.8	96.9	97.0
GE 900	59.9	76.4	80.6	86.4	92.2	94.4	95.8	96.3	96.6	96.8	96.8	96.8	97.0	97.0	97.1	97.2
GE 800	60.3	77.0	81.2	87.2	93.2	95.4	96.8	97.3	97.6	97.8	97.8	97.8	98.0	98.0	98.1	98.2
GE 700	60.3	77.0	81.2	87.3	93.3	95.6	96.9	97.4	97.7	97.9	97.9	97.9	98.1	98.1	98.2	98.3
GE 600	60.3	77.0	81.2	87.4	93.8	96.2	97.6	98.1	98.3	98.6	98.6	98.6	98.8	98.8	98.9	99.0
GE 500	60.3	77.0	81.3	87.8	94.1	96.6	98.0	98.6	98.8	99.0	99.0	99.0	99.2	99.2	99.3	99.4
GE 400	60.3	77.1	81.4	87.9	94.2	96.7	98.1	98.7	98.9	99.1	99.1	99.1	99.3	99.3	99.4	99.6
GE 300	60.3	77.1	81.4	87.9	94.3	96.8	98.2	98.9	99.1	99.3	99.4	99.4	99.7	99.7	99.8	99.9
GE 200	60.3	77.1	81.4	87.9	94.3	96.8	98.2	98.9	99.1	99.3	99.4	99.4	99.7	99.7	99.8	100.0
GE 100	60.3	77.1	81.4	87.9	94.3	96.8	98.2	98.9	99.1	99.3	99.4	99.4	99.7	99.7	99.8	100.0
GE 0	60.3	77.1	81.4	87.9	94.3	96.8	98.2	98.9	99.1	99.3	99.4	99.4	99.7	99.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	53.6	40.7	44.3	48.2	53.6	55.6	58.1	59.3	60.0	60.4	61.1	61.1	61.6	61.6	61.9	62.1
GE 20000	34.4	42.6	46.7	50.5	56.1	58.6	61.3	62.6	63.2	63.7	64.3	64.3	64.8	64.8	65.1	65.3
GE 18000	34.6	42.9	46.8	50.7	56.2	58.7	61.4	62.7	63.3	63.8	64.4	64.4	64.9	64.9	65.2	65.4
GE 16000	34.6	43.0	46.9	50.8	56.3	58.8	61.6	62.8	63.4	63.9	64.6	64.6	65.0	65.0	65.3	65.6
GE 14000	34.6	43.0	46.9	50.8	56.3	58.8	61.6	62.8	63.4	63.9	64.6	64.6	65.0	65.0	65.3	65.6
GE 12000	35.7	44.4	48.3	52.2	57.8	60.2	63.0	64.2	64.9	65.3	66.0	66.0	66.4	66.4	66.8	67.0
GE 10000	37.0	46.1	50.2	54.3	60.2	62.7	65.6	66.8	67.4	67.9	68.6	68.6	69.0	69.0	69.3	69.5
GE 9000	37.8	46.9	51.0	55.1	61.0	63.4	66.3	67.6	68.2	68.7	69.3	69.3	69.8	69.8	70.1	70.3
GE 8000	38.8	48.6	52.9	57.1	62.9	65.3	68.2	69.7	70.3	70.8	71.4	71.4	71.9	71.9	72.2	72.4
GE 7000	40.1	50.8	55.1	59.2	65.2	67.9	70.9	72.3	73.0	73.4	74.1	74.1	74.6	74.6	74.9	75.1
GE 6000	41.8	53.3	57.9	62.3	68.0	70.7	73.7	75.1	75.8	76.2	76.9	76.9	77.3	77.3	77.7	77.9
GE 5000	43.2	54.8	59.4	63.5	69.8	72.4	75.7	77.1	77.8	78.2	78.9	78.9	79.3	79.3	79.7	79.9
GE 4500	43.4	55.0	59.9	64.1	70.7	73.6	76.8	78.3	79.0	79.4	80.1	80.1	80.6	80.6	80.9	81.1
GE 4000	45.0	57.2	62.1	66.5	73.3	76.2	79.4	81.2	81.9	82.3	83.0	83.0	83.4	83.4	83.8	84.0
GE 3500	45.8	58.3	63.2	67.7	74.4	77.3	80.6	82.4	83.1	83.6	84.2	84.2	84.7	84.7	85.0	85.2
GE 3000	47.1	60.4	65.4	70.1	76.9	79.8	83.0	85.0	85.7	86.1	86.8	86.8	87.2	87.2	87.6	87.8
GE 2500	47.3	60.9	65.9	70.7	77.4	80.3	83.6	85.6	86.2	86.7	87.3	87.3	87.8	87.8	88.1	88.3
GE 2000	47.4	61.9	66.9	71.7	78.7	82.0	85.3	87.3	88.0	88.4	89.1	89.1	89.6	89.6	89.9	90.1
GE 1800	47.6	62.0	67.0	71.8	79.9	82.2	85.6	87.6	88.2	88.7	89.3	89.3	89.8	89.8	90.1	90.3
GE 1500	47.7	62.4	67.9	72.7	79.8	83.1	86.4	88.4	89.1	89.6	90.2	90.2	90.7	90.7	91.0	91.2
GE 1200	48.0	63.3	69.1	73.9	81.0	84.3	87.7	89.8	90.4	90.9	91.6	91.6	92.0	92.0	92.3	92.5
GE 1000	48.2	63.9	70.1	75.1	82.6	86.1	89.4	91.8	92.4	92.9	93.6	93.6	94.0	94.0	94.3	94.5
GE 900	48.3	64.1	70.3	75.3	82.8	86.3	89.7	92.0	92.7	93.1	93.8	93.8	94.2	94.2	94.6	94.8
GE 800	48.4	64.6	70.8	76.1	83.6	87.1	90.4	92.8	93.4	93.9	94.6	94.6	95.0	95.0	95.3	95.6
GE 700	48.4	64.8	71.0	76.3	83.8	87.3	90.7	93.2	93.9	94.3	95.0	95.0	95.4	95.4	95.8	96.0
GE 600	48.4	64.8	71.4	76.9	84.8	88.8	92.1	94.8	95.4	95.9	96.6	96.6	97.0	97.0	97.3	97.6
GE 500	48.4	65.0	71.8	77.3	85.2	89.2	92.7	95.7	96.3	96.9	97.6	97.6	98.1	98.1	98.4	98.7
GE 400	48.4	65.0	71.8	77.3	85.2	89.3	93.1	96.1	96.8	97.3	98.0	98.0	98.6	98.6	98.9	99.1
GE 300	48.4	65.0	71.8	77.3	85.2	89.3	93.1	96.1	96.8	97.3	98.0	98.0	98.6	98.6	98.9	99.1
GE 200	48.4	65.0	71.8	77.3	85.2	89.3	93.1	96.1	96.8	97.3	98.0	98.0	98.6	98.6	98.9	99.1
GE 100	48.4	65.0	71.8	77.3	85.2	89.3	93.1	96.1	96.8	97.3	98.0	98.0	98.6	98.6	99.0	99.4
GE 0	48.4	65.0	71.8	77.3	85.2	89.3	93.1	96.1	96.8	97.3	98.0	98.0	98.6	98.6	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET		VISIBILITY IN STATUTE MILES														
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		22.9	30.2	33.7	36.7	43.7	46.6	49.6	52.8	54.1	55.4	56.6	56.7	57.2	57.2	57.7	57.7
GE	20000	23.9	31.6	35.0	38.3	45.8	48.7	52.1	55.3	56.8	58.1	59.2	59.3	59.9	59.9	60.4	60.6
GE	18000	23.9	31.6	35.0	38.3	45.8	48.7	52.1	55.4	56.9	58.2	59.3	59.4	60.0	60.0	60.6	60.7
GE	16000	23.9	31.7	35.2	38.6	46.1	49.0	52.4	55.8	57.2	58.6	59.7	59.8	60.3	60.3	60.9	61.0
GE	14000	23.9	31.9	35.7	39.1	46.7	49.6	53.0	56.3	57.8	59.1	60.2	60.3	60.9	60.9	61.4	61.6
GE	12000	24.1	32.7	36.6	40.2	47.9	51.1	54.7	58.0	59.4	60.8	61.9	62.0	62.6	62.6	63.1	63.2
GE	10000	24.7	33.8	37.8	41.7	49.4	52.8	56.3	59.9	61.3	62.7	63.9	64.0	64.6	64.6	65.1	65.2
GE	9000	24.8	34.0	38.0	41.9	49.7	53.0	56.6	60.1	61.7	63.0	64.2	64.3	64.9	64.9	65.4	65.6
GE	8000	26.8	36.4	40.9	45.2	53.1	56.6	60.1	63.8	65.3	66.7	67.9	68.0	68.6	68.6	69.1	69.2
GE	7000	27.1	37.4	42.0	46.4	54.4	58.0	61.7	65.6	67.1	68.4	69.7	69.8	70.3	70.3	70.9	71.0
GE	6000	28.0	38.7	43.3	48.0	56.1	59.7	63.3	67.2	68.8	70.1	71.3	71.4	72.0	72.0	72.6	72.7
GE	5000	29.0	40.0	44.7	49.3	57.4	61.1	64.8	68.7	70.2	71.6	72.8	72.9	73.4	73.4	74.0	74.1
GE	4500	29.2	40.4	45.1	49.9	58.2	61.9	65.6	69.8	71.6	72.9	74.1	74.2	74.8	74.8	75.3	75.4
GE	4000	30.2	42.1	47.1	52.3	60.7	64.3	68.0	72.3	74.1	75.4	76.7	76.8	77.3	77.3	77.9	78.0
GE	3500	30.6	43.3	48.4	53.6	62.3	66.0	69.7	74.1	75.9	77.2	78.4	78.6	79.1	79.1	79.7	79.9
GE	3000	31.0	44.6	50.1	55.3	64.3	68.0	71.7	76.2	78.2	79.6	80.8	80.9	81.4	81.4	82.0	82.2
GE	2500	31.2	45.2	51.1	56.4	65.4	69.3	73.1	77.7	79.7	81.1	82.3	82.4	83.0	83.0	83.6	83.8
GE	2000	31.6	45.8	51.7	57.0	66.1	70.0	73.8	78.3	80.3	81.9	83.1	83.2	83.8	83.8	84.3	84.6
GE	1800	31.6	45.8	51.7	57.0	66.1	70.0	73.8	78.4	80.6	82.1	83.3	83.4	84.0	84.0	84.6	84.8
GE	1500	32.0	46.9	52.9	58.2	67.7	71.7	75.4	80.4	82.6	84.1	85.3	85.4	86.0	86.0	86.6	86.8
GE	1200	32.9	48.3	54.7	60.2	69.9	73.9	77.8	82.9	85.0	86.6	87.8	87.9	88.4	88.4	89.0	89.2
GE	1000	33.1	49.3	55.7	61.4	71.3	75.4	79.4	84.7	86.8	88.3	89.6	89.7	90.2	90.2	90.8	91.0
GE	900	33.1	49.9	56.2	62.0	72.1	76.6	80.7	86.1	88.4	90.0	91.2	91.3	91.9	91.9	92.4	92.7
GE	800	33.4	50.4	56.8	62.7	73.0	77.7	81.9	87.6	89.9	91.4	92.7	92.8	93.3	93.3	93.9	94.1
GE	700	33.4	50.7	57.6	63.4	74.0	78.7	83.0	88.8	91.2	92.9	94.1	94.2	94.8	94.8	95.3	95.6
GE	600	33.4	50.9	57.8	63.7	74.8	79.8	84.2	90.1	92.6	94.2	95.4	95.6	96.1	96.1	96.7	96.9
GE	500	33.4	50.9	57.9	63.9	75.1	80.1	84.7	90.9	93.3	95.0	96.3	96.4	97.0	97.1	97.7	97.9
GE	400	33.4	50.9	57.9	64.0	75.2	80.2	85.0	91.2	93.7	95.6	96.9	97.0	97.7	97.9	98.4	98.6
GE	300	33.4	50.9	57.9	64.0	75.2	80.2	85.0	91.2	93.7	95.6	97.0	97.1	97.8	98.0	98.6	98.9
GE	200	33.4	50.9	57.9	64.0	75.2	80.2	85.0	91.3	93.8	95.7	97.1	97.2	97.9	98.1	98.8	99.2
GE	100	33.4	50.9	57.9	64.0	75.2	80.2	85.0	91.3	93.8	95.8	97.2	97.3	98.0	98.2	99.0	99.7
GE	0	33.4	50.9	57.9	64.0	75.2	80.2	85.0	91.3	93.8	95.8	97.2	97.3	98.0	98.2	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	28.4	43.2	47.4	50.3	53.7	54.4	54.7	55.3	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6
GE 20000	31.7	47.4	52.2	55.3	59.2	60.3	60.8	61.7	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.0
GE 18000	31.7	47.6	52.3	55.4	59.3	60.4	60.9	61.8	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1
GE 16000	31.7	47.6	52.3	55.5	59.6	60.7	61.1	62.0	62.1	62.1	62.1	62.1	62.3	62.3	62.3	62.3
GE 14000	31.8	47.9	52.9	56.1	60.1	61.2	61.7	62.6	62.7	62.7	62.7	62.7	62.9	62.9	62.9	62.9
GE 12000	32.8	49.2	54.2	57.7	61.7	62.8	63.2	64.1	64.2	64.2	64.2	64.2	64.4	64.4	64.4	64.4
GE 10000	33.7	51.4	56.6	60.4	64.8	66.1	66.6	67.4	67.6	67.6	67.7	67.7	67.9	67.9	67.9	67.9
GE 9000	34.3	52.1	57.2	61.2	65.6	66.9	67.3	68.2	68.3	68.3	68.4	68.4	68.7	68.7	68.7	68.7
GE 8000	35.6	54.0	59.1	63.4	68.1	69.4	69.9	70.8	70.9	70.9	71.0	71.0	71.2	71.2	71.2	71.2
GE 7000	36.0	54.7	59.8	64.1	68.9	70.3	70.8	71.7	71.8	71.8	71.9	71.9	72.1	72.1	72.1	72.1
GE 6000	36.3	55.2	60.3	64.7	69.4	71.1	71.6	72.4	72.6	72.6	72.7	72.7	72.9	72.9	72.9	72.9
GE 5000	37.7	57.1	62.2	66.5	71.6	73.2	73.7	74.6	74.7	74.7	74.8	74.8	75.0	75.0	75.0	75.0
GE 4500	38.3	58.0	63.2	67.6	72.9	74.6	75.0	75.9	76.0	76.0	76.1	76.1	76.3	76.3	76.3	76.3
GE 4000	38.8	58.6	64.0	68.3	73.8	75.4	76.2	77.2	77.3	77.3	77.4	77.4	77.7	77.7	77.7	77.7
GE 3500	39.3	59.2	64.9	69.2	74.7	76.3	77.1	78.1	78.2	78.2	78.3	78.3	78.6	78.6	78.6	78.6
GE 3000	40.1	61.0	67.1	71.8	77.2	78.9	79.7	80.7	80.8	80.8	80.9	80.9	81.1	81.1	81.1	81.1
GE 2500	40.2	61.8	68.0	72.7	78.2	79.9	80.7	81.7	81.8	81.8	81.9	81.9	82.1	82.1	82.1	82.1
GE 2000	41.3	63.7	70.2	74.9	80.4	82.1	82.9	84.1	84.3	84.3	84.4	84.4	84.7	84.7	84.7	84.7
GE 1800	41.6	63.9	70.6	75.2	80.8	82.4	83.2	84.4	84.7	84.7	84.8	84.8	85.0	85.0	85.0	85.0
GE 1500	42.1	66.1	73.3	78.4	84.6	86.4	87.2	88.4	88.7	88.7	88.8	88.8	89.0	89.0	89.0	89.0
GE 1200	42.7	68.1	75.3	80.7	87.0	89.0	89.9	91.2	91.4	91.4	91.6	91.6	91.8	91.8	91.8	91.8
GE 1000	43.0	68.9	76.2	81.3	88.4	90.6	91.4	93.0	93.2	93.2	93.3	93.3	93.6	93.6	93.6	93.6
GE 900	43.2	69.4	77.0	82.8	89.7	92.0	93.2	94.8	95.1	95.1	95.2	95.2	95.4	95.4	95.4	95.4
GE 800	43.2	69.6	77.4	83.5	90.7	93.1	94.3	96.0	96.3	96.3	96.4	96.4	96.7	96.7	96.7	96.7
GE 700	43.2	69.7	78.3	84.4	91.8	94.4	95.9	97.8	98.1	98.2	98.3	98.3	98.6	98.6	98.6	98.6
GE 600	43.2	69.8	78.4	84.5	91.9	94.7	96.2	98.1	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.0
GE 500	43.2	69.9	78.7	84.8	92.1	95.0	96.6	98.4	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.4
GE 400	43.2	70.0	78.8	84.9	92.2	95.1	96.7	98.7	99.0	99.2	99.3	99.3	99.7	99.7	99.7	99.7
GE 300	43.2	70.0	78.8	84.9	92.2	95.1	96.7	98.7	99.0	99.2	99.3	99.3	99.8	99.8	99.8	99.8
GE 200	43.2	70.0	78.8	84.9	92.2	95.1	96.7	98.7	99.0	99.2	99.4	99.4	99.9	99.9	100.0	100.0
GE 100	43.2	70.0	78.8	84.9	92.2	95.1	96.7	98.7	99.0	99.2	99.4	99.4	99.9	99.9	100.0	100.0
GE 0	43.2	70.0	78.8	84.9	92.2	95.1	96.7	98.7	99.0	99.2	99.4	99.4	99.9	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.3	44.3	46.8	49.5	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 20000	40.0	51.4	54.2	57.4	59.2	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 18000	40.3	51.8	54.6	57.8	59.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 16000	40.3	51.8	54.6	57.8	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 14000	41.3	53.2	56.0	59.2	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 12000	41.9	54.4	57.2	60.4	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 10000	42.9	56.0	58.9	62.1	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000	43.3	56.4	59.3	62.5	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	45.4	59.4	62.3	65.8	68.1	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 7000	46.3	60.7	63.6	67.3	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 6000	47.0	61.3	64.2	67.8	70.4	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 5000	48.9	63.4	66.3	70.3	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4500	50.0	64.7	67.6	71.5	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4000	51.7	67.2	70.1	74.1	77.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	52.3	68.8	71.6	76.3	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	54.6	72.7	76.6	80.4	83.7	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	56.0	75.8	79.1	83.7	87.0	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	57.3	79.0	82.6	87.1	90.4	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	57.3	79.4	83.0	87.5	90.9	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	57.6	81.3	85.2	90.3	93.3	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	57.9	82.7	86.6	91.3	94.9	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	57.9	83.3	87.4	92.4	96.3	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	57.9	83.7	88.1	93.1	97.3	97.9	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	57.9	83.7	88.1	93.1	97.7	98.2	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	57.9	83.8	88.2	93.4	98.1	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	57.9	83.8	88.3	93.4	98.2	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	57.9	83.8	88.3	93.4	98.3	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	57.9	83.8	88.3	93.4	98.3	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	57.9	83.8	88.3	93.4	98.3	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	57.9	83.8	88.3	93.4	98.3	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	57.9	83.8	88.3	93.4	98.3	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	57.9	83.8	88.3	93.4	98.3	99.0	99.6	99.9	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75 84
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	39.6	50.8	53.3	55.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 20000	45.3	58.8	61.6	63.9	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 18000	45.3	58.8	61.6	63.9	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 16000	45.6	59.1	61.9	64.2	65.2	65.2	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	46.2	59.9	62.7	65.0	66.0	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	46.4	61.0	63.8	66.2	67.3	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 10000	47.8	63.3	66.2	68.7	69.9	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 9000	48.3	64.0	66.9	69.6	70.8	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 8000	50.1	66.3	69.2	71.9	73.1	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	50.6	66.8	69.7	72.3	73.6	73.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	51.2	67.9	70.8	73.6	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000	53.4	70.2	73.1	76.4	77.8	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4500	54.4	71.3	74.3	77.7	79.0	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4000	56.3	73.7	76.7	80.3	81.3	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500	58.8	76.7	79.9	83.4	84.8	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	61.6	81.1	84.8	88.7	90.0	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2500	62.7	83.0	87.2	91.2	92.9	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	63.0	84.2	88.4	92.4	94.2	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	63.1	84.6	88.8	92.8	94.6	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500	63.1	86.1	90.3	94.7	96.6	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	63.1	86.8	91.0	95.3	97.2	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	63.1	87.1	91.4	96.2	98.2	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	63.1	87.2	91.6	96.3	98.4	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	63.1	87.2	91.6	96.5	98.7	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	63.1	87.2	91.6	96.5	98.7	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	63.1	87.2	91.6	96.5	98.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	63.1	87.2	91.6	96.5	98.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	63.1	87.2	91.6	96.5	98.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	63.1	87.2	91.6	96.5	98.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	63.1	87.2	91.6	96.5	98.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	63.1	87.2	91.6	96.5	98.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	63.1	87.2	91.6	96.6	98.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1800-2300

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	44.4	55.1	57.6	59.2	59.8	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 20000	49.1	62.1	64.8	66.3	67.8	67.9	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 18000	49.1	62.2	64.9	66.9	67.9	68.0	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 16000	49.3	62.4	65.1	67.1	68.1	68.2	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	49.7	62.9	65.6	67.5	68.6	68.7	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000	50.9	65.2	68.0	70.1	71.1	71.2	71.3	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	50.9	66.4	69.3	71.4	72.7	72.8	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 9000	51.7	67.6	70.4	72.6	73.8	73.9	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 8000	53.8	70.2	73.1	75.2	76.4	76.6	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 7000	54.3	71.0	74.0	76.2	77.4	77.6	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000	54.3	71.2	74.2	76.4	77.7	77.8	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 5000	56.8	74.1	77.2	79.6	80.8	80.9	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	58.1	76.0	79.1	81.4	82.7	82.8	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	60.0	79.6	82.8	85.2	86.6	86.7	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	61.0	81.2	84.7	87.2	88.6	88.7	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	62.9	83.9	87.6	90.3	91.8	91.9	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	63.8	85.4	89.3	92.5	94.0	94.1	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	64.2	86.3	90.4	93.7	95.1	95.3	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1600	64.3	86.7	90.8	94.3	95.6	95.8	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	64.6	87.6	91.9	95.5	97.4	97.7	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	64.6	87.7	92.1	95.8	97.9	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	64.6	87.7	92.2	95.9	98.0	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	64.6	87.9	92.4	96.1	98.2	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	64.6	87.9	92.4	96.1	98.3	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 700	64.6	87.9	92.4	96.1	98.3	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 600	64.6	88.0	92.6	96.3	98.8	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	64.6	88.0	92.6	96.3	98.8	99.2	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	64.6	88.0	92.6	96.3	98.8	99.2	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	64.6	88.0	92.6	96.3	98.8	99.2	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	64.6	88.0	92.6	96.3	98.8	99.2	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	64.6	88.0	92.6	96.3	98.8	99.2	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	64.6	88.0	92.6	96.3	98.8	99.2	99.3	99.7	99.9	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 2100-2303

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.0	56.7	58.1	59.9	62.0	62.1	62.1	62.2	62.2	62.2	62.4	62.4	62.6	62.6	62.6	62.6
GE 20000	49.2	60.0	61.6	63.7	66.6	66.7	66.7	66.8	66.8	66.8	67.0	67.0	67.1	67.1	67.1	67.1
GE 18000	49.2	60.2	61.8	63.9	66.8	66.9	66.9	67.0	67.0	67.0	67.2	67.2	67.3	67.3	67.3	67.3
GE 16000	49.2	60.2	61.8	63.9	66.8	66.9	66.9	67.0	67.0	67.0	67.2	67.2	67.3	67.3	67.3	67.3
GE 14000	49.7	60.7	62.3	64.4	67.3	67.4	67.4	67.6	67.6	67.6	67.8	67.8	67.9	67.9	67.9	67.9
GE 12000	51.0	62.2	63.9	66.0	68.9	69.0	69.0	69.1	69.1	69.1	69.3	69.3	69.4	69.4	69.4	69.4
GE 10000	52.1	64.7	66.7	68.8	71.7	71.8	71.8	71.9	71.9	71.9	72.1	72.1	72.2	72.2	72.2	72.2
GE 9000	53.0	66.1	68.2	70.4	73.3	73.4	73.4	73.6	73.6	73.6	73.8	73.8	73.9	73.9	73.9	73.9
GE 8000	55.0	68.7	70.8	73.1	76.0	76.1	76.1	76.2	76.2	76.2	76.4	76.4	76.6	76.6	76.6	76.6
GE 7000	55.9	70.0	72.3	74.8	77.7	77.9	77.9	78.0	78.0	78.0	78.2	78.2	78.3	78.3	78.3	78.3
GE 6000	56.8	71.2	73.6	76.3	78.9	79.1	79.1	79.2	79.2	79.2	79.4	79.4	79.6	79.6	79.6	79.6
GE 5000	59.6	74.7	77.2	79.9	82.9	83.1	83.1	83.2	83.2	83.2	83.4	83.4	83.6	83.6	83.6	83.6
GE 4500	60.8	76.0	78.7	81.4	84.4	84.7	84.7	84.8	84.8	84.8	85.0	85.0	85.1	85.1	85.1	85.1
GE 4000	62.8	79.1	81.9	84.9	87.9	88.1	88.1	88.2	88.2	88.2	88.4	88.4	88.6	88.6	88.6	88.6
GE 3500	63.4	80.0	82.9	86.0	89.1	89.3	89.3	89.4	89.4	89.4	89.7	89.7	89.8	89.8	89.8	89.8
GE 3000	64.9	81.4	84.4	87.7	90.9	91.1	91.1	91.2	91.2	91.2	91.4	91.4	91.6	91.6	91.6	91.6
GE 2500	65.4	82.7	85.8	89.4	92.7	93.0	93.0	93.1	93.1	93.1	93.3	93.3	93.4	93.4	93.4	93.4
GE 2000	66.3	84.6	87.8	91.5	94.8	95.1	95.1	95.2	95.2	95.2	95.4	95.4	95.6	95.6	95.6	95.6
GE 1800	66.3	84.7	87.9	91.7	95.0	95.3	95.3	95.4	95.4	95.4	95.7	95.7	95.8	95.8	95.8	95.8
GE 1500	66.4	85.2	88.6	92.3	95.9	96.3	96.7	96.8	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1
GE 1200	66.4	85.7	89.1	92.9	96.4	96.9	97.2	97.3	97.3	97.3	97.6	97.6	97.7	97.7	97.7	97.7
GE 1000	66.4	85.8	89.2	93.0	96.7	97.1	97.6	97.7	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0
GE 900	66.4	85.9	89.3	93.1	96.9	97.3	97.8	97.9	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2
GE 800	66.4	85.9	89.3	93.1	97.0	97.4	97.9	98.0	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3
GE 700	66.4	85.9	89.3	93.2	97.1	97.8	98.3	98.4	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8
GE 600	66.4	86.0	89.4	93.4	97.4	98.2	98.8	99.0	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3
GE 500	66.4	86.1	89.6	93.7	97.7	98.4	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	66.4	86.1	89.6	93.7	97.8	98.6	99.3	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	66.4	86.1	89.6	93.7	97.8	98.6	99.3	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	66.4	86.1	89.6	93.7	97.8	98.6	99.3	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	66.4	86.1	89.6	93.7	97.8	98.6	99.3	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	66.4	86.1	89.6	93.7	97.8	98.6	99.3	99.7	99.7	99.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.5	46.4	49.3	51.9	54.9	55.9	56.7	57.4	57.7	57.9	58.2	58.2	58.4	58.4	58.5	58.5
GE 20000	39.6	50.9	54.0	56.9	60.3	61.4	62.4	63.2	63.5	63.8	64.0	64.0	64.2	64.2	64.3	64.4
GE 18000	39.7	51.1	54.2	57.1	60.5	61.6	62.6	63.3	63.7	63.9	64.2	64.2	64.4	64.4	64.5	64.6
GE 16000	39.7	51.2	54.3	57.2	60.7	61.8	62.8	63.5	63.9	64.1	64.4	64.4	64.6	64.6	64.7	64.8
GE 14000	40.1	51.7	54.9	57.8	61.3	62.4	63.4	64.1	64.5	64.7	65.0	65.0	65.2	65.2	65.3	65.4
GE 12000	41.0	53.1	56.3	59.4	62.9	64.0	65.1	65.8	66.1	66.4	66.6	66.7	66.8	66.8	67.0	67.1
GE 10000	42.0	55.1	58.4	61.5	65.3	66.5	67.5	68.3	68.6	68.9	69.2	69.2	69.4	69.4	69.5	69.5
GE 9000	42.6	55.8	59.2	62.5	66.1	67.3	68.4	69.1	69.5	69.7	70.0	70.0	70.2	70.2	70.3	70.4
GE 8000	44.5	58.3	61.7	65.2	68.9	70.1	71.2	72.0	72.3	72.6	72.8	72.9	73.1	73.1	73.2	73.2
GE 7000	45.2	59.4	62.9	66.4	70.3	71.6	72.6	73.5	73.8	74.1	74.3	74.4	74.6	74.6	74.7	74.7
GE 6000	46.0	60.6	64.1	67.7	71.6	72.9	73.9	74.8	75.1	75.4	75.7	75.7	75.9	75.9	76.0	76.0
GE 5000	47.9	62.7	66.3	70.1	74.0	75.4	76.5	77.3	77.7	77.9	78.2	78.2	78.4	78.4	78.5	78.6
GE 4500	49.7	63.8	67.4	71.2	75.3	76.7	77.8	78.7	79.1	79.3	79.6	79.6	79.8	79.8	79.9	80.0
GE 4000	50.2	66.0	69.6	73.7	78.0	79.3	80.5	81.4	81.8	82.1	82.3	82.3	82.5	82.5	82.7	82.7
GE 3500	51.1	67.3	71.3	75.3	79.6	80.9	82.1	83.1	83.5	83.8	84.0	84.0	84.2	84.2	84.4	84.4
GE 3000	52.6	69.7	73.9	78.1	82.6	83.9	85.1	86.2	86.6	86.8	87.1	87.1	87.3	87.3	87.4	87.5
GE 2500	53.2	71.0	75.4	79.8	84.3	85.7	86.9	87.9	88.3	88.6	88.9	88.9	89.1	89.1	89.2	89.3
GE 2000	53.8	72.4	77.0	81.4	86.0	87.5	88.7	89.8	90.3	90.5	90.8	90.8	91.0	91.0	91.1	91.2
GE 1800	53.9	72.7	77.2	81.7	86.3	87.8	89.0	90.1	90.6	90.8	91.1	91.1	91.3	91.3	91.4	91.5
GE 1500	54.1	73.9	78.6	83.3	88.2	89.8	91.0	92.2	92.6	92.9	93.2	93.2	93.4	93.4	93.5	93.6
GE 1200	54.4	74.8	79.7	84.5	89.4	91.1	92.4	93.6	94.0	94.3	94.6	94.6	94.8	94.8	94.9	95.0
GE 1000	54.5	75.3	80.3	85.3	90.4	92.1	93.5	94.8	95.2	95.5	95.8	95.8	96.0	96.0	96.1	96.2
GE 900	54.6	75.6	80.7	85.7	91.0	92.7	94.1	95.5	96.0	96.3	96.5	96.5	96.7	96.7	96.9	96.9
GE 800	54.7	75.8	81.0	86.1	91.5	93.3	94.8	96.2	96.6	96.9	97.2	97.2	97.4	97.4	97.5	97.6
GE 700	54.7	75.9	81.2	86.4	91.9	93.8	95.3	96.7	97.2	97.5	97.8	97.8	98.0	98.0	98.2	98.2
GE 600	54.7	75.9	81.3	86.5	92.3	94.4	95.9	97.4	97.9	98.2	98.5	98.5	98.7	98.7	98.9	98.9
GE 500	54.7	76.0	81.5	86.7	92.5	94.6	96.2	97.8	98.3	98.7	98.9	99.0	99.2	99.2	99.3	99.4
GE 400	54.7	76.0	81.5	86.8	92.6	94.7	96.3	98.0	98.5	98.8	99.1	99.2	99.4	99.4	99.6	99.6
GE 300	54.7	76.0	81.5	86.8	92.6	94.7	96.3	98.0	98.5	98.9	99.2	99.2	99.5	99.5	99.6	99.7
GE 200	54.7	76.0	81.5	86.8	92.6	94.7	96.3	98.0	98.5	98.9	99.2	99.2	99.5	99.5	99.7	99.8
GE 100	54.7	76.0	81.5	86.8	92.6	94.7	96.3	98.0	98.5	98.9	99.2	99.3	99.5	99.5	99.7	99.9
GE 0	54.7	76.0	81.5	86.8	92.6	94.7	96.3	98.0	98.5	98.9	99.2	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 7230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0300-0300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.2	49.4	50.5	51.3	52.5	52.9	52.9	53.3	53.3	53.4	53.5	53.5	53.9	53.9	53.9	54.0
GE 20000	49.5	52.9	54.3	55.1	56.3	56.8	56.9	57.3	57.3	57.4	57.5	57.5	57.8	57.8	57.8	58.0
GE 18000	49.5	52.9	54.3	55.1	56.3	56.8	56.9	57.3	57.3	57.4	57.5	57.5	57.8	57.8	57.8	58.0
GE 16000	49.5	52.9	54.3	55.1	56.3	56.8	56.9	57.3	57.3	57.4	57.5	57.5	57.8	57.8	57.8	58.0
GE 14000	49.6	54.1	55.5	56.2	57.5	58.0	58.1	58.5	58.5	58.6	58.7	58.7	59.0	59.0	59.0	59.1
GE 12000	50.4	54.9	56.3	57.1	58.4	58.8	58.9	59.4	59.4	59.5	59.6	59.6	59.9	59.9	59.9	60.0
GE 10000	52.8	57.7	59.1	59.9	61.4	61.	61.9	62.4	62.4	62.5	62.6	62.6	62.9	62.9	62.9	63.0
GE 9000	53.1	58.1	59.5	60.2	61.7	62..	62.3	62.7	62.7	62.8	62.9	62.9	63.2	63.2	63.2	63.3
GE 8000	54.5	59.6	61.1	61.9	63.7	64.1	64.2	64.6	64.6	64.7	64.8	64.8	65.2	65.2	65.2	65.3
GE 7000	56.9	62.7	64.2	65.1	66.8	67.2	67.3	68.0	68.0	68.1	68.2	68.2	68.5	68.5	68.5	68.6
GE 6000	57.8	64.3	65.8	66.7	68.4	68.8	68.9	69.6	69.6	69.7	69.8	69.8	70.1	70.1	70.1	70.2
GE 5000	61.0	68.5	70.0	71.0	72.9	73.3	73.5	74.2	74.2	74.3	74.4	74.4	74.7	74.7	74.7	74.8
GE 4500	63.0	70.8	72.3	73.3	75.8	76.2	76.5	77.1	77.1	77.2	77.3	77.3	77.6	77.6	77.6	77.7
GE 4000	63.8	72.0	73.9	74.9	77.6	78.1	78.3	78.9	78.9	79.0	79.1	79.1	79.5	79.5	79.5	79.6
GE 3500	65.1	73.7	75.5	76.6	79.4	79.8	80.0	80.8	80.8	80.9	81.0	81.0	81.3	81.3	81.3	81.4
GE 3000	66.1	74.7	76.6	77.8	80.9	81.3	81.8	82.7	82.7	82.8	82.9	82.9	83.2	83.2	83.2	83.3
GE 2500	67.1	75.8	77.8	79.4	82.4	82.8	83.3	84.2	84.2	84.3	84.4	84.4	84.7	84.7	84.7	84.8
GE 2000	67.8	77.1	79.4	81.3	84.4	84.8	85.5	86.3	86.3	86.5	86.6	86.6	86.9	86.9	86.9	87.0
GE 1800	67.8	77.1	79.4	81.3	84.4	84.8	85.7	86.6	86.6	86.7	86.8	86.8	87.1	87.1	87.1	87.2
GE 1500	69.0	79.4	81.8	84.1	88.0	88.7	89.8	90.6	90.6	90.8	90.9	90.9	91.2	91.2	91.2	91.3
GE 1200	69.9	80.2	82.7	84.9	89.0	89.8	90.9	91.7	91.7	91.8	91.9	91.9	92.3	92.3	92.3	92.4
GE 1000	70.1	80.5	83.4	86.2	90.8	91.7	93.0	93.9	93.9	94.0	94.1	94.1	94.4	94.4	94.4	94.5
GE 900	70.1	80.9	83.6	86.5	91.1	92.0	93.3	94.2	94.2	94.3	94.4	94.4	94.7	94.7	94.7	94.8
GE 800	70.2	81.2	84.2	87.2	91.7	92.7	94.0	94.8	94.8	94.9	95.1	95.1	95.4	95.4	95.4	95.5
GE 700	70.3	81.6	84.8	87.8	92.5	93.4	94.9	95.8	95.8	95.9	96.0	96.0	96.3	96.3	96.3	96.5
GE 600	70.3	81.7	85.2	88.2	92.9	94.2	95.7	96.6	96.7	96.8	96.9	96.9	97.2	97.2	97.2	97.3
GE 500	70.3	81.9	85.6	88.6	93.5	94.8	96.7	97.6	97.7	98.1	98.2	98.2	98.5	98.5	98.5	98.6
GE 400	70.4	82.0	85.7	88.8	93.8	95.1	97.1	98.1	98.2	98.6	98.7	98.7	99.0	99.0	99.0	99.1
GE 300	70.4	82.0	85.7	88.8	93.8	95.1	97.1	98.1	98.2	98.6	98.7	98.7	99.0	99.0	99.0	99.1
GE 200	70.4	82.0	85.7	88.8	93.8	95.1	97.1	98.1	98.2	98.6	98.7	98.7	99.0	99.0	99.0	99.1
GE 100	70.4	82.0	85.7	88.8	93.8	95.1	97.1	98.1	98.2	98.6	98.7	98.7	99.1	99.1	99.1	99.4
GE 0	70.4	82.0	85.7	88.8	93.8	95.1	97.1	98.1	98.2	98.6	98.7	98.7	99.1	99.1	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	37.0	43.3	45.1	45.9	47.3	48.6	49.5	49.9	50.0	50.5	50.9	50.9	51.1	51.1	51.6	51.8
GE 20000	40.2	46.7	48.5	49.4	50.8	52.0	53.0	53.5	53.7	54.3	54.6	54.6	54.8	54.8	55.4	55.6
GE 18000	40.2	46.8	48.6	49.5	50.9	52.2	53.1	53.7	53.8	54.4	54.7	54.7	54.9	54.9	55.5	55.7
GE 16000	40.2	46.8	48.6	49.5	50.9	52.2	53.1	53.7	53.8	54.4	54.7	54.7	54.9	54.9	55.5	55.7
GE 14000	40.6	47.5	49.4	50.2	51.6	52.9	53.9	54.4	54.5	55.2	55.5	55.5	55.7	55.7	56.2	56.5
GE 12000	42.6	49.5	51.3	52.2	53.5	54.8	55.8	56.3	56.5	57.1	57.4	57.4	57.6	57.6	58.2	58.4
GE 10000	45.1	51.9	53.8	54.6	56.0	57.3	58.4	59.0	59.1	59.8	60.1	60.1	60.3	60.3	60.9	61.1
GE 9000	45.2	52.0	53.9	54.7	56.1	57.4	58.5	59.1	59.2	59.9	60.2	60.2	60.4	60.4	61.0	61.2
GE 8000	47.1	54.1	56.6	57.4	59.4	60.6	61.7	62.4	62.5	63.1	63.4	63.4	63.7	63.7	64.2	64.4
GE 7000	48.2	55.4	58.0	58.9	61.0	62.3	63.4	64.1	64.2	64.8	65.2	65.2	65.4	65.4	65.9	66.1
GE 6000	49.4	56.7	59.4	60.3	62.4	63.7	64.8	65.6	65.7	66.3	66.7	66.7	66.9	66.9	67.4	67.6
GE 5000	52.9	60.8	64.0	64.9	67.0	68.3	69.5	70.2	70.3	71.0	71.3	71.3	71.5	71.5	72.0	72.3
GE 4500	55.6	64.0	67.2	68.2	70.6	71.9	73.1	74.0	74.1	74.7	75.1	75.1	75.3	75.3	75.8	76.0
GE 4000	56.1	64.9	68.3	69.4	72.2	73.7	74.8	75.7	75.8	76.5	76.8	76.8	77.0	77.0	77.5	77.7
GE 3500	57.5	66.5	69.8	70.9	73.8	75.3	76.5	77.3	77.4	78.1	78.4	78.4	78.6	78.6	79.1	79.4
GE 3000	58.6	67.6	71.2	72.3	75.3	76.8	78.0	78.8	78.9	79.6	79.9	79.9	80.1	80.1	80.6	80.9
GE 2500	59.9	69.8	73.2	74.3	77.5	79.0	80.2	81.1	81.2	81.8	82.2	82.2	82.4	82.4	82.9	83.1
GE 2000	60.2	70.6	74.1	75.2	78.5	80.0	81.3	82.2	82.3	82.9	83.2	83.2	83.4	83.4	84.0	84.2
GE 1800	60.5	71.0	74.5	75.5	78.9	80.5	81.9	82.8	82.9	83.5	83.9	83.9	84.1	84.1	84.6	84.8
GE 1500	61.3	72.3	75.8	77.2	80.8	82.5	83.9	84.8	85.1	85.7	86.0	86.0	86.2	86.2	86.8	87.0
GE 1200	62.6	73.8	77.5	79.2	83.1	84.9	86.3	87.3	87.5	88.2	88.5	88.5	88.7	88.7	89.2	89.5
GE 1000	63.0	74.5	78.4	80.2	84.5	86.7	88.2	89.1	89.4	90.0	90.3	90.3	90.5	90.5	91.1	91.3
GE 900	63.3	74.8	78.9	80.8	85.2	87.5	89.4	90.4	90.6	91.3	91.6	91.6	91.8	91.8	92.4	92.6
GE 800	63.3	75.3	79.5	81.5	86.1	88.6	90.4	91.5	91.7	92.4	92.7	92.7	92.9	92.9	93.4	93.7
GE 700	63.8	75.7	79.9	81.9	87.3	90.1	92.0	93.1	93.3	94.0	94.3	94.3	94.5	94.5	95.1	95.3
GE 600	63.8	75.7	79.9	81.9	87.4	90.3	92.5	93.7	93.9	94.5	94.8	94.8	95.1	95.1	95.6	95.8
GE 500	63.8	75.9	80.3	82.4	88.2	91.4	93.7	94.8	95.1	95.8	96.1	96.1	96.3	96.3	96.9	97.1
GE 400	63.8	75.9	80.4	82.7	88.6	91.8	94.4	95.7	95.9	96.8	97.1	97.1	97.3	97.3	97.8	98.1
GE 300	63.8	75.9	80.4	82.7	88.6	91.8	94.4	95.7	96.0	97.1	97.6	97.6	97.8	97.8	98.4	98.6
GE 200	63.8	75.9	80.4	82.7	88.6	91.8	94.4	95.7	96.0	97.1	97.6	97.6	98.0	98.0	98.5	98.7
GE 100	63.8	75.9	80.4	82.7	88.6	91.8	94.4	95.7	96.0	97.1	97.6	97.6	98.2	98.2	98.7	99.0
GE 0	63.8	75.9	80.4	82.7	88.6	91.8	94.4	95.7	96.0	97.1	97.6	97.6	98.2	98.2	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	24.7	35.7	38.2	40.1	43.1	44.0	44.8	45.9	46.2	46.9	47.1	47.1	47.6	47.7	48.3	49.0
GE 20000	26.5	38.2	40.9	42.9	46.2	47.1	48.0	49.0	49.4	50.0	50.2	50.2	50.8	50.9	51.4	52.2
GE 18000	26.5	38.3	41.0	43.0	46.3	47.2	48.1	49.1	49.5	50.1	50.3	50.3	50.9	51.0	51.5	52.3
GE 16000	26.5	38.3	41.0	43.0	46.3	47.2	48.1	49.1	49.5	50.1	50.3	50.3	50.9	51.0	51.5	52.3
GE 14000	26.6	38.5	41.2	43.3	46.7	47.5	48.4	49.5	49.8	50.4	50.6	50.6	51.2	51.3	51.8	52.6
GE 12000	27.4	39.9	42.6	44.8	48.2	49.0	49.9	51.0	51.3	51.9	52.2	52.2	52.7	52.8	53.3	54.1
GE 10000	30.1	43.1	45.8	48.1	51.4	52.3	53.1	54.3	54.8	55.5	55.7	55.7	56.2	56.3	56.9	57.6
GE 9000	30.4	43.4	46.1	48.4	51.7	52.6	53.4	54.6	55.2	55.8	56.0	56.0	56.6	56.7	57.2	58.0
GE 8000	32.4	45.9	49.1	51.5	55.1	55.9	56.8	58.0	58.5	59.1	59.4	59.4	59.9	60.0	60.5	61.3
GE 7000	32.9	46.9	50.1	52.7	56.3	57.3	58.2	59.6	60.1	60.8	61.0	61.0	61.6	61.7	62.3	63.0
GE 6000	34.2	48.4	51.7	54.3	58.0	58.9	59.8	61.2	61.7	62.4	62.6	62.6	63.2	63.3	63.9	64.6
GE 5000	37.0	52.0	55.6	58.2	61.8	62.8	63.7	65.1	65.6	66.2	66.5	66.5	67.1	67.2	67.7	68.5
GE 4500	39.2	55.1	58.9	61.5	65.4	66.5	67.3	68.9	69.5	70.1	70.3	70.3	71.0	71.1	71.6	72.4
GE 4000	40.1	56.6	60.5	63.2	67.2	68.4	69.5	71.2	71.7	72.4	72.6	72.6	73.2	73.3	73.9	74.6
GE 3500	40.8	57.5	61.7	64.4	68.4	69.7	70.8	72.5	73.0	73.7	73.9	73.9	74.5	74.6	75.2	75.9
GE 3000	41.8	59.1	63.5	66.2	70.2	71.5	72.6	74.3	74.8	75.5	75.7	75.7	76.3	76.5	77.0	77.7
GE 2500	42.9	60.8	65.6	68.4	72.6	73.9	74.9	76.7	77.2	77.8	78.1	78.1	78.7	78.8	79.4	80.1
GE 2000	43.7	62.3	67.3	70.2	74.8	76.1	77.2	79.0	79.6	80.2	80.4	80.4	81.1	81.2	81.7	82.5
GE 1800	44.3	63.0	68.1	71.0	75.6	76.9	78.0	79.8	80.3	81.0	81.2	81.2	81.8	81.9	82.5	83.2
GE 1500	45.2	64.3	69.6	72.6	77.6	79.1	80.2	82.0	82.7	83.3	83.5	83.5	84.2	84.3	84.8	85.6
GE 1200	45.5	65.1	70.8	74.4	79.7	81.3	82.4	84.3	84.9	85.6	85.8	85.8	86.5	86.6	87.1	87.8
GE 1000	45.6	65.8	71.7	75.5	81.1	82.9	84.0	86.0	86.7	87.3	87.5	87.5	88.2	88.3	88.8	89.6
GE 900	45.6	66.0	72.0	75.9	81.6	83.9	85.2	87.3	88.0	88.6	88.8	88.8	89.5	89.6	90.1	90.9
GE 800	45.8	66.8	72.8	76.9	82.9	85.3	86.8	89.0	89.7	90.3	90.5	90.5	91.2	91.3	91.8	92.6
GE 700	45.9	67.4	73.4	77.6	83.9	86.3	87.8	90.3	91.0	91.6	91.8	91.8	92.5	92.6	93.1	93.9
GE 600	45.9	67.4	73.4	78.3	84.3	86.8	88.3	91.0	91.6	92.3	92.5	92.5	93.1	93.2	93.8	94.5
GE 500	45.9	67.4	73.7	78.3	84.8	87.4	89.1	91.8	92.7	93.7	93.9	93.9	94.5	94.6	95.2	95.9
GE 400	46.0	67.5	73.8	78.4	84.9	87.8	89.6	92.3	93.1	94.4	94.6	94.6	95.3	95.4	95.9	96.7
GE 300	46.0	67.5	73.8	78.4	84.9	88.0	89.7	92.5	93.3	94.7	94.9	94.9	95.8	95.9	96.5	97.3
GE 200	46.0	67.5	73.8	78.4	84.9	88.0	89.7	92.6	93.4	94.8	95.2	95.2	96.1	96.2	96.8	97.7
GE 100	46.0	67.5	73.8	78.4	84.9	88.0	89.7	92.7	93.5	94.9	95.3	95.3	96.3	96.7	97.5	98.8
GE 0	46.0	67.5	73.8	78.4	84.9	88.0	89.7	92.7	93.5	94.9	95.3	95.3	96.3	96.7	97.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.9	40.5	42.5	44.1	45.5	46.3	46.9	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000	33.2	45.7	47.6	49.2	50.8	51.6	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 18000	33.3	45.9	47.8	49.5	51.0	51.8	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000	33.4	46.0	48.0	49.5	51.1	51.9	52.5	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 14000	34.0	46.7	48.6	50.2	51.7	52.6	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 12000	34.8	48.3	50.4	52.0	53.5	54.4	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	36.7	51.0	53.2	54.8	56.6	57.4	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 9000	37.1	51.7	54.0	55.6	57.3	58.2	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 8000	38.1	54.1	56.5	58.2	59.9	60.8	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	38.8	55.6	58.1	59.8	61.7	62.6	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000	39.2	56.5	58.9	60.6	62.6	63.4	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 5000	41.2	58.9	61.6	63.7	65.9	66.8	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4500	41.9	59.9	62.8	64.8	67.3	68.2	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4000	43.1	61.5	64.4	66.7	69.4	70.2	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	44.3	63.5	66.5	68.7	71.4	72.4	73.2	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3000	45.8	65.6	68.5	70.8	73.7	74.6	75.5	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2500	47.5	67.7	70.9	73.2	76.1	77.1	78.0	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2000	48.8	69.5	72.7	75.3	78.5	79.5	80.3	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1800	49.2	70.3	73.7	76.2	79.6	80.5	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1500	49.6	72.2	76.2	79.1	82.9	83.9	84.7	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	50.0	72.9	77.2	80.3	84.2	85.2	86.0	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1000	50.5	74.3	78.7	82.2	86.7	87.6	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	50.6	74.9	79.4	83.1	88.0	89.0	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 800	51.3	75.9	80.5	84.5	89.5	90.9	91.9	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	51.4	76.2	80.9	84.8	90.5	92.2	93.3	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	51.4	76.5	81.2	85.3	91.3	93.3	94.8	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	51.4	76.5	81.2	85.3	91.6	93.7	95.6	96.7	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 400	51.4	76.5	81.2	85.4	91.7	93.9	95.8	97.0	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.2
GE 300	51.4	76.5	81.2	85.4	91.9	94.1	96.1	97.4	98.1	98.5	98.7	98.7	98.8	98.8	98.8	99.0
GE 200	51.4	76.5	81.2	85.4	91.9	94.1	96.1	97.4	98.1	98.5	98.9	98.9	99.1	99.1	99.1	99.4
GE 100	51.4	76.5	81.2	85.4	91.9	94.1	96.1	97.4	98.1	98.5	98.9	98.9	99.1	99.1	99.4	99.9
GE 0	51.4	76.5	81.2	85.4	91.9	94.1	96.1	97.4	98.1	98.5	98.9	98.9	99.1	99.1	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.4	45.7	46.7	47.3	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 20000	40.6	52.3	53.8	54.5	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 18000	40.6	52.3	53.8	54.5	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 16000	40.6	52.3	53.8	54.5	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	40.9	52.6	54.1	54.8	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 12000	41.1	53.0	54.5	55.3	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 10000	43.3	55.8	57.3	58.1	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 9000	43.5	56.1	57.6	58.4	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 8000	44.4	58.3	59.9	60.6	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 7000	44.8	58.8	60.5	61.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 6000	45.2	59.5	61.3	62.2	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 5000	47.4	62.2	64.1	64.9	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 4500	48.6	63.5	65.6	66.5	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4000	50.2	65.5	67.6	68.5	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 3500	52.7	68.6	70.8	71.6	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3000	55.7	72.5	74.7	75.6	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2500	59.0	76.8	79.2	80.5	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	60.5	79.4	81.9	83.3	85.6	86.0	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1800	60.9	80.0	82.6	84.3	86.2	86.7	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1500	61.3	81.5	84.2	85.9	88.2	88.6	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	61.9	83.5	86.7	88.3	91.0	91.4	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000	62.2	84.8	88.4	90.1	93.0	93.4	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 900	62.5	85.6	89.1	91.2	94.3	94.8	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	63.0	86.1	89.9	92.2	95.4	96.1	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	63.1	86.5	90.3	92.5	96.0	96.8	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	63.1	86.7	90.5	93.1	97.1	97.8	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	63.1	86.8	90.6	93.4	97.7	98.5	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	63.1	86.8	90.6	93.4	97.7	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	63.1	86.8	90.6	93.4	97.7	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	63.1	86.8	90.6	93.4	97.7	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	63.1	86.8	90.6	93.4	97.7	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	63.1	86.8	90.6	93.4	97.7	98.5	99.4	99.8	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.7	43.5	44.9	45.5	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 20000	44.7	51.4	52.8	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 18000	44.9	51.6	53.0	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 16000	44.9	51.6	53.0	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 14000	45.6	52.5	53.9	54.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 12000	45.9	52.8	54.2	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 10000	48.3	56.2	57.6	58.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 9000	48.6	56.7	58.1	58.5	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 8000	50.6	59.4	60.9	61.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 7000	51.6	61.0	62.5	63.0	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 6000	52.5	61.8	63.3	63.9	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 5000	55.5	65.1	66.7	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500	57.4	67.2	68.8	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	60.5	70.8	72.6	73.3	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500	64.1	74.6	76.8	77.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000	67.0	78.4	81.0	81.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	68.6	81.3	83.9	84.7	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	70.2	83.8	86.6	87.5	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1800	70.3	84.5	87.3	88.4	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1500	71.2	85.7	88.5	89.3	91.6	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1200	71.4	86.6	89.4	90.3	93.4	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	72.0	87.4	90.4	92.5	95.5	96.1	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	72.2	87.5	90.5	92.9	95.9	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	72.3	88.0	91.0	93.3	96.3	97.0	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	72.3	88.4	91.4	93.3	96.9	97.6	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	72.4	88.5	91.7	94.1	97.2	96.0	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	72.4	88.5	91.7	94.4	97.5	98.3	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	72.4	88.5	91.7	94.4	97.5	98.3	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	72.4	88.5	91.7	94.4	97.5	98.3	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	72.4	88.5	91.7	94.4	97.5	98.3	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.4	88.5	91.7	94.4	97.5	98.3	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	72.4	88.5	91.7	94.4	97.5	98.3	99.1	99.5	99.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.5	46.3	47.3	48.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 20000	50.1	53.9	54.8	55.9	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	50.5	54.3	55.3	56.3	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 16000	50.6	54.4	55.4	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 14000	51.3	55.4	56.3	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 12000	51.8	56.0	57.0	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 10000	54.1	58.6	59.6	60.5	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	54.3	58.9	59.9	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	56.6	61.8	62.9	64.2	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 7000	59.0	65.2	66.2	67.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	60.2	66.6	67.7	69.0	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 5000	63.1	69.7	70.9	72.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4500	66.5	73.8	74.9	76.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000	67.6	75.3	76.6	78.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	70.3	79.0	80.4	82.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	71.5	81.0	82.6	84.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	73.1	83.4	85.5	87.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000	74.2	84.8	86.9	89.4	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	74.3	85.1	87.1	89.6	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1500	75.1	86.8	88.9	91.5	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	75.2	87.1	89.6	92.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	75.4	87.4	90.0	93.1	95.3	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	75.4	87.5	90.1	93.2	95.4	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	75.8	88.5	91.2	94.5	96.9	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	75.8	88.6	91.3	94.7	97.0	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	75.8	88.7	91.5	95.5	97.7	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	75.8	88.7	91.5	95.5	98.2	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	75.8	88.7	91.5	95.5	98.2	99.1	99.2	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.8	88.7	91.5	95.5	98.2	99.1	99.2	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.8	88.7	91.5	95.5	98.2	99.1	99.2	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.8	88.7	91.5	95.5	98.2	99.1	99.2	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	75.8	88.7	91.5	95.5	98.2	99.1	99.2	99.5	99.6	99.8	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	50.3	53.1	54.1	54.6	55.5	55.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	53.8	57.2	58.6	59.4	60.2	60.5	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 18000	53.9	57.3	58.7	59.5	60.3	60.6	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	53.9	57.3	58.7	59.5	60.3	60.6	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	54.7	58.3	59.7	60.4	61.3	61.6	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000	55.7	59.5	60.9	61.6	62.5	62.8	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 10000	56.6	60.8	62.2	62.9	63.8	64.1	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 9000	56.9	61.1	62.5	63.2	64.1	64.4	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 8000	60.2	64.8	66.5	67.3	68.3	68.6	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 7000	62.6	67.3	68.9	69.9	70.9	71.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	63.9	68.8	70.5	71.6	72.6	72.9	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 5000	66.5	72.4	74.2	75.7	77.1	77.4	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4500	69.1	75.4	77.2	79.1	80.9	81.2	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4000	70.1	76.9	78.8	80.9	82.6	82.9	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	71.6	78.7	80.6	82.7	84.4	84.7	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	72.6	79.9	81.9	84.2	86.2	86.6	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500	74.0	81.6	84.1	86.3	88.4	88.8	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	74.6	82.8	85.3	87.5	89.6	90.0	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	74.9	83.2	85.7	88.0	90.0	90.4	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	75.6	85.1	87.8	90.3	92.5	93.2	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	75.9	85.4	88.3	90.8	92.9	93.7	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	76.3	86.2	89.2	92.0	94.2	94.9	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	76.3	86.3	89.4	92.2	94.3	95.1	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	76.5	87.1	90.2	93.0	95.3	96.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 700	76.5	87.2	90.4	93.2	95.5	96.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	76.5	87.6	91.4	94.3	96.7	97.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	76.6	87.8	91.6	94.5	97.0	97.7	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	76.6	87.8	91.6	94.5	97.4	98.2	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	76.6	87.8	91.6	94.5	97.4	98.2	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	76.6	87.8	91.6	94.5	97.4	98.2	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	76.6	87.8	91.6	94.5	97.4	98.2	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	76.6	87.8	91.6	94.5	97.4	98.2	99.1	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	38.0	44.7	46.2	47.1	48.3	48.8	49.1	49.4	49.5	49.7	49.7	49.7	49.9	49.9	50.0	50.1
GE 20000	42.2	49.8	51.4	52.5	53.8	54.2	54.6	54.9	55.0	55.2	55.2	55.2	55.4	55.4	55.5	55.7
GE 18000	42.3	49.9	51.6	52.5	53.9	54.4	54.7	55.1	55.1	55.3	55.4	55.4	55.5	55.5	55.7	55.8
GE 16000	42.3	49.9	51.6	52.5	53.9	54.4	54.8	55.1	55.2	55.3	55.4	55.4	55.6	55.6	55.7	55.8
GE 14000	42.9	50.7	52.3	53.4	54.7	55.2	55.5	55.8	55.9	56.1	56.2	56.2	56.3	56.3	56.5	56.6
GE 12000	43.7	51.7	53.4	54.5	55.8	56.3	56.6	56.9	57.0	57.2	57.3	57.3	57.4	57.4	57.5	57.7
GE 10000	45.9	54.4	56.1	57.2	58.5	59.0	59.4	59.7	59.8	60.0	60.1	60.1	60.2	60.2	60.4	60.5
GE 9000	46.1	54.8	56.4	57.5	58.9	59.4	59.7	60.1	60.2	60.4	60.4	60.4	60.6	60.6	60.7	60.9
GE 8000	48.0	57.2	59.2	60.3	61.9	62.4	62.7	63.1	63.2	63.3	63.4	63.4	63.6	63.6	63.7	63.8
GE 7000	49.4	59.1	61.1	62.3	63.9	64.4	64.8	65.2	65.3	65.5	65.5	65.5	65.7	65.7	65.8	66.0
GE 6000	50.3	60.3	62.3	63.6	65.2	65.7	66.1	66.5	66.6	66.8	66.9	66.9	67.0	67.0	67.2	67.3
GE 5000	53.1	63.7	65.9	67.3	69.0	69.6	70.0	70.4	70.5	70.7	70.8	70.8	70.9	70.9	71.1	71.2
GE 4500	55.2	66.2	68.5	69.9	72.0	72.5	72.9	73.4	73.5	73.7	73.8	73.8	73.9	73.9	74.1	74.2
GE 4000	56.5	67.9	70.4	71.9	74.2	74.7	75.2	75.7	75.8	76.0	76.1	76.1	76.2	76.2	76.4	76.5
GE 3500	58.3	70.3	72.8	74.3	76.7	77.3	77.8	78.3	78.4	78.6	78.6	78.6	78.8	78.8	78.9	79.1
GE 3000	59.9	72.4	75.0	76.7	79.1	79.8	80.3	80.8	80.9	81.1	81.2	81.2	81.3	81.3	81.5	81.6
GE 2500	61.5	74.7	77.5	79.3	81.9	82.5	83.1	83.6	83.7	83.9	84.0	84.0	84.1	84.1	84.3	84.4
GE 2000	62.5	76.3	79.3	81.2	84.0	84.7	85.3	85.9	86.0	86.1	86.2	86.2	86.4	86.4	86.5	86.7
GE 1800	62.8	76.8	79.8	81.7	84.5	85.2	85.9	86.5	86.6	86.8	86.9	86.9	87.0	87.0	87.2	87.3
GE 1500	63.5	78.4	81.6	83.3	86.9	87.8	88.5	89.1	89.2	89.4	89.5	89.5	89.6	89.6	89.8	89.9
GE 1200	64.0	79.3	82.6	85.1	88.5	89.4	90.1	90.7	90.9	91.0	91.1	91.1	91.3	91.3	91.4	91.6
GE 1000	64.4	80.1	83.8	86.5	90.1	91.2	92.0	92.6	92.8	93.0	93.0	93.0	93.2	93.2	93.3	93.5
GE 900	64.5	80.5	84.2	87.0	90.7	91.9	92.8	93.5	93.6	93.8	93.9	93.9	94.0	94.0	94.2	94.3
GE 800	64.8	81.1	84.9	87.9	91.8	93.1	94.0	94.7	94.8	95.0	95.1	95.1	95.3	95.3	95.4	95.6
GE 700	64.9	81.5	85.3	88.3	92.4	93.8	94.9	95.6	95.8	96.0	96.1	96.1	96.2	96.2	96.4	96.5
GE 600	64.9	81.6	85.6	88.3	93.1	94.6	95.7	96.6	96.7	96.9	97.0	97.0	97.2	97.2	97.3	97.4
GE 500	64.9	81.7	85.8	89.1	93.6	95.1	96.4	97.4	97.5	97.9	98.0	98.0	98.1	98.2	98.3	98.4
GE 400	64.9	81.7	85.8	89.2	93.7	95.3	96.7	97.7	97.9	98.4	98.5	98.5	98.7	98.7	98.9	99.0
GE 300	64.9	81.7	85.8	89.2	93.8	95.4	96.8	97.8	98.1	98.6	98.8	98.8	98.9	99.0	99.1	99.3
GE 200	64.9	81.7	85.8	89.2	93.8	95.4	96.8	97.8	98.1	98.6	98.8	98.8	99.0	99.0	99.2	99.4
GE 100	64.9	81.7	85.8	89.2	93.8	95.4	96.8	97.8	98.1	98.6	98.8	98.8	99.1	99.1	99.3	99.6
GE 0	64.9	81.7	85.8	89.2	93.8	95.4	96.8	97.8	98.1	98.6	98.8	98.8	99.1	99.1	99.4	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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 5/16	GE 1/4	GE 0
NO CEIL	32.6	38.0	39.2	41.2	42.5	42.6	42.8	42.9	43.0	43.0	43.0	43.0	43.2	43.2	43.4	43.9
GE 20000	37.0	42.8	44.0	46.1	47.2	47.4	47.7	47.8	47.9	47.9	47.9	47.9	48.1	48.1	48.3	48.8
GE 18000	37.0	42.8	44.0	46.1	47.2	47.4	47.7	47.8	47.9	47.9	47.9	47.9	48.1	48.1	48.3	48.8
GE 16000	37.0	42.8	44.0	46.1	47.2	47.4	47.7	47.8	47.9	47.9	47.9	47.9	48.1	48.1	48.3	48.8
GE 14000	37.1	42.9	44.1	46.2	47.3	47.6	47.8	47.9	48.0	48.0	48.0	48.0	48.2	48.2	48.4	48.9
GE 12000	38.2	44.2	45.4	47.5	48.7	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.6	49.6	49.8	50.2
GE 10000	40.9	47.4	48.7	50.8	51.9	52.1	52.3	52.4	52.6	52.6	52.6	52.6	52.8	52.8	53.0	53.4
GE 9000	41.4	48.1	49.3	51.5	52.7	52.9	53.1	53.2	53.3	53.3	53.3	53.3	53.6	53.6	53.8	54.2
GE 8000	44.9	52.6	53.8	56.1	57.1	57.3	57.6	57.7	57.8	57.8	57.8	57.8	58.0	58.0	58.2	58.7
GE 7000	45.7	53.6	54.9	57.3	58.4	58.7	58.9	59.0	59.1	59.1	59.1	59.1	59.3	59.3	59.6	60.0
GE 6000	46.1	54.0	55.3	57.6	58.9	59.1	59.3	59.4	59.6	59.6	59.6	59.6	59.8	59.8	60.0	60.4
GE 5000	48.4	56.8	58.1	60.7	61.9	62.1	62.3	62.4	62.7	62.7	62.7	62.7	62.9	62.9	63.1	63.6
GE 4500	51.6	60.6	61.9	64.4	65.7	65.9	66.1	66.2	66.4	66.4	66.4	66.4	66.7	66.7	66.9	67.3
GE 4000	52.8	62.0	63.3	66.1	67.4	67.7	67.9	68.0	68.2	68.2	68.2	68.2	68.4	68.4	68.7	69.1
GE 3500	55.6	65.1	66.4	69.3	70.8	71.0	71.2	71.3	71.6	71.6	71.6	71.6	71.8	71.8	72.0	72.4
GE 3000	56.7	67.4	68.8	71.7	73.2	73.4	73.7	73.8	74.0	74.0	74.0	74.0	74.2	74.2	74.4	74.9
GE 2500	61.2	72.3	73.9	76.9	78.6	78.9	79.1	79.2	79.4	79.4	79.4	79.4	79.7	79.7	79.9	80.3
GE 2000	63.9	75.8	77.3	80.3	82.0	82.3	82.6	82.7	82.9	82.9	82.9	82.9	83.1	83.1	83.3	83.8
GE 1800	64.9	76.9	78.4	81.4	83.1	83.4	83.7	83.8	84.0	84.0	84.0	84.0	84.2	84.2	84.4	84.9
GE 1500	66.9	80.1	81.8	85.3	86.7	87.0	87.2	87.3	87.6	87.6	87.6	87.6	87.8	87.8	88.0	88.4
GE 1200	67.4	81.9	84.1	87.3	89.1	89.4	89.7	89.8	90.0	90.0	90.0	90.0	90.2	90.2	90.4	90.9
GE 1000	68.2	83.8	86.2	89.3	91.6	91.9	92.1	92.2	92.4	92.4	92.4	92.4	92.7	92.7	92.9	93.3
GE 900	68.7	84.6	87.2	90.3	92.9	93.2	93.4	93.6	93.8	93.8	93.8	93.8	94.0	94.0	94.2	94.7
GE 800	69.0	85.3	88.2	92.2	94.4	94.8	95.0	95.1	95.3	95.3	95.3	95.3	95.6	95.6	95.8	96.2
GE 700	69.0	85.8	88.7	92.3	95.2	95.6	96.1	96.2	96.4	96.4	96.4	96.4	96.7	96.7	96.9	97.3
GE 600	69.0	85.9	88.6	93.2	95.9	96.2	96.8	96.9	97.1	97.1	97.1	97.1	97.3	97.3	97.6	98.0
GE 500	69.0	85.9	88.8	93.2	95.9	96.3	96.9	97.0	97.2	97.3	97.3	97.3	97.6	97.6	97.8	98.2
GE 400	69.0	85.9	88.8	93.2	95.9	96.3	97.0	97.1	97.3	97.7	97.7	97.7	97.9	97.9	98.1	98.6
GE 300	69.0	85.9	88.8	93.2	95.9	96.3	97.0	97.3	97.7	98.0	98.0	98.0	98.2	98.2	98.4	98.9
GE 200	69.0	85.9	88.8	93.2	95.9	96.3	97.0	97.3	97.7	98.0	98.1	98.1	98.4	98.4	98.7	99.2
GE 100	69.0	85.9	88.8	93.2	95.9	96.3	97.0	97.3	97.7	98.0	98.1	98.1	98.6	98.6	98.9	99.9
GE 0	69.0	85.9	88.8	93.2	95.9	96.3	97.0	97.3	97.7	98.0	98.1	98.1	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.6	34.3	36.7	37.7	40.4	40.9	41.3	41.4	41.7	42.1	42.3	42.3	42.7	42.7	42.7	42.9
GE 20000	33.1	38.3	40.9	42.0	44.8	45.2	45.7	45.8	46.0	46.4	46.7	46.7	47.0	47.0	47.0	47.2
GE 18000	33.2	38.4	41.0	42.1	44.9	45.3	45.8	45.9	46.1	46.6	46.8	46.8	47.1	47.1	47.1	47.3
GE 16000	33.2	38.4	41.0	42.1	44.9	45.3	45.8	45.9	46.1	46.6	46.8	46.8	47.1	47.1	47.1	47.3
GE 14000	33.3	38.6	41.1	42.2	45.0	45.4	45.9	46.0	46.2	46.7	46.9	46.9	47.2	47.2	47.2	47.4
GE 12000	34.0	39.6	42.1	43.2	46.0	46.4	46.9	47.0	47.2	47.7	47.9	47.9	48.2	48.2	48.2	48.4
GE 10000	36.6	42.6	45.1	46.2	49.0	49.4	49.9	50.0	50.2	50.7	50.9	50.9	51.2	51.2	51.2	51.4
GE 9000	36.9	42.9	45.4	46.5	49.3	49.8	50.2	50.3	50.6	51.0	51.2	51.2	51.6	51.6	51.6	51.8
GE 8000	39.1	46.8	49.3	50.7	53.7	54.1	54.6	54.7	54.9	55.3	55.6	55.6	55.9	55.9	55.9	56.1
GE 7000	40.1	48.6	51.2	52.9	56.0	56.4	56.9	57.0	57.2	57.7	57.9	57.9	58.2	58.2	58.2	58.4
GE 6000	40.4	48.9	51.6	53.3	56.4	56.9	57.3	57.4	57.7	58.1	58.3	58.3	58.7	58.7	58.7	58.9
GE 5000	41.8	50.6	53.2	55.1	58.3	58.8	59.2	59.3	59.6	60.0	60.2	60.2	60.6	60.6	60.6	60.8
GE 4500	45.3	54.6	57.2	59.1	62.3	62.8	63.3	63.4	63.7	64.1	64.3	64.3	64.7	64.7	64.7	64.9
GE 4000	47.8	57.3	60.0	62.0	65.2	65.7	66.2	66.3	66.6	67.0	67.2	67.2	67.6	67.6	67.6	67.8
GE 3500	50.4	60.3	63.0	65.0	68.2	68.7	69.2	69.3	69.6	70.0	70.2	70.2	70.6	70.6	70.6	70.8
GE 3000	52.3	62.2	64.9	66.9	70.2	70.8	71.3	71.4	71.7	72.1	72.3	72.3	72.7	72.7	72.7	72.9
GE 2500	54.9	66.0	68.8	70.9	74.3	75.0	75.6	75.7	75.9	76.3	76.6	76.6	76.9	76.9	76.9	77.1
GE 2000	57.4	69.2	72.1	74.4	78.1	78.8	79.3	79.4	79.7	80.1	80.3	80.3	80.7	80.7	80.7	80.9
GE 1800	58.0	70.3	73.4	75.8	79.4	80.1	80.7	80.8	81.0	81.4	81.7	81.7	82.0	82.0	82.0	82.2
GE 1500	60.8	74.2	77.6	80.0	83.8	84.4	85.0	85.1	85.3	85.8	86.0	86.0	86.3	86.3	86.3	86.6
GE 1200	62.1	76.3	79.9	83.0	86.8	87.6	88.1	88.2	88.4	88.9	89.1	89.1	89.4	89.4	89.4	89.7
GE 1000	63.2	78.3	82.0	85.1	89.2	90.0	90.7	90.8	91.0	91.4	91.7	91.7	92.0	92.0	92.0	92.2
GE 900	63.9	79.8	83.4	86.7	90.8	91.6	92.2	92.3	92.6	93.0	93.3	93.3	93.7	93.7	93.8	94.0
GE 800	64.1	80.2	84.1	87.5	91.8	92.6	93.2	93.3	93.6	94.0	94.3	94.3	94.7	94.7	94.8	95.0
GE 700	64.1	80.2	84.1	87.5	91.9	92.7	93.3	93.4	93.7	94.1	94.4	94.4	94.8	94.8	94.9	95.1
GE 600	64.1	80.2	84.2	87.8	92.2	93.0	93.7	93.8	94.0	94.4	94.8	94.8	95.1	95.1	95.2	95.4
GE 500	64.1	80.4	84.7	88.3	93.0	93.9	94.8	94.9	95.1	95.7	96.0	96.0	96.3	96.3	96.4	96.7
GE 400	64.1	80.4	84.7	88.3	93.0	94.1	95.2	95.4	95.8	96.7	97.0	97.0	97.3	97.3	97.4	97.7
GE 300	64.1	80.4	84.7	88.3	93.0	94.1	95.3	96.0	96.6	97.4	97.9	97.9	98.2	98.2	98.3	98.6
GE 200	64.1	80.4	84.7	88.3	93.0	94.1	95.3	96.0	96.6	97.4	98.2	98.2	98.6	98.6	98.7	98.9
GE 100	64.1	80.4	84.7	88.3	93.0	94.1	95.3	96.0	96.7	97.6	98.3	98.3	98.7	98.7	99.2	99.8
GE 0	64.1	80.4	84.7	88.3	93.0	94.1	95.3	96.0	96.7	97.6	98.3	98.3	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	22.7	29.3	32.0	33.8	36.7	37.1	38.0	38.9	39.1	39.9	40.4	40.4	40.9	40.9	41.2	41.2
GE 20000	24.2	31.1	34.0	36.0	38.9	39.3	40.2	41.2	41.4	42.2	42.8	42.8	43.2	43.2	43.6	43.7
GE 18000	24.2	31.1	34.0	36.0	38.9	39.3	40.2	41.2	41.4	42.2	42.8	42.8	43.2	43.2	43.6	43.7
GE 16000	24.2	31.1	34.0	36.0	38.9	39.3	40.2	41.2	41.4	42.2	42.8	42.8	43.2	43.2	43.6	43.7
GE 14000	24.2	31.3	34.2	36.2	39.1	39.6	40.4	41.4	41.7	42.4	43.0	43.0	43.4	43.4	43.8	43.9
GE 12000	24.9	32.2	35.1	37.1	40.0	40.4	41.3	42.3	42.6	43.3	43.9	43.9	44.3	44.3	44.7	44.8
GE 10000	27.2	34.9	37.9	40.2	43.1	43.6	44.6	45.6	45.8	46.6	47.1	47.1	47.6	47.6	47.9	48.0
GE 9000	27.3	35.0	38.0	40.3	43.2	43.8	44.8	45.8	46.0	46.8	47.3	47.3	47.8	47.8	48.1	48.2
GE 8000	28.9	37.2	40.4	43.0	46.1	46.8	47.8	48.8	49.0	49.8	50.3	50.3	50.8	50.8	51.1	51.2
GE 7000	29.7	39.2	42.4	45.3	48.1	48.8	49.8	50.8	51.0	51.8	52.3	52.3	52.8	52.8	53.1	53.2
GE 6000	30.0	39.6	42.8	45.4	48.8	49.6	50.6	51.6	51.8	52.6	53.1	53.1	53.6	53.6	53.9	54.0
GE 5000	31.4	42.0	45.3	48.1	51.6	52.3	53.3	54.3	54.6	55.3	55.9	55.9	56.3	56.3	56.7	56.8
GE 4500	33.4	45.4	49.0	51.8	55.3	56.1	57.1	58.2	58.4	59.2	59.8	59.8	60.2	60.2	60.6	60.7
GE 4000	35.9	48.2	52.0	54.8	58.5	59.1	60.1	61.3	61.6	62.3	62.9	62.9	63.3	63.3	63.7	63.8
GE 3500	37.6	50.6	54.3	57.2	60.8	61.6	62.7	64.0	64.2	65.0	65.6	65.6	66.0	66.0	66.3	66.4
GE 3000	40.6	55.2	59.1	62.1	65.8	66.6	67.7	69.0	69.2	70.0	70.6	70.6	71.0	71.0	71.3	71.4
GE 2500	43.6	59.4	63.3	66.4	70.1	70.9	72.0	73.3	73.6	74.3	74.9	74.9	75.3	75.3	75.7	75.8
GE 2000	45.9	62.6	66.6	69.8	73.7	74.4	75.6	77.0	77.2	78.0	78.6	78.6	79.0	79.0	79.3	79.4
GE 1800	46.2	63.6	67.6	70.8	74.8	75.6	76.7	78.1	78.3	79.1	79.7	79.7	80.1	80.1	80.4	80.6
GE 1500	48.1	66.0	70.1	73.4	77.6	78.3	79.6	81.0	81.2	82.0	82.6	82.6	83.0	83.0	83.3	83.4
GE 1200	49.4	68.0	72.3	76.0	80.3	81.1	82.3	83.8	84.0	84.8	85.3	85.3	85.8	85.8	86.1	86.2
GE 1000	50.4	69.7	74.1	78.1	82.6	83.4	84.9	86.4	86.7	87.4	88.0	88.0	88.4	88.4	88.8	88.9
GE 900	50.9	70.9	75.6	79.7	84.3	85.3	86.8	88.3	88.6	89.3	90.1	90.1	90.6	90.6	90.9	91.0
GE 800	51.1	71.7	76.4	80.9	86.1	87.2	88.7	90.3	90.6	91.3	92.2	92.2	92.7	92.7	93.0	93.1
GE 700	51.1	71.8	76.7	81.2	86.6	87.7	89.2	90.9	91.1	91.9	92.8	92.8	93.2	93.2	93.6	93.7
GE 600	51.1	71.8	76.8	81.5	87.3	88.6	90.2	91.9	92.2	93.0	93.9	93.9	94.3	94.3	94.7	94.8
GE 500	51.1	72.0	77.2	82.1	87.9	89.7	91.6	93.2	93.9	94.8	95.7	95.7	96.1	96.1	96.4	96.6
GE 400	51.1	72.0	77.2	82.1	87.9	90.0	92.1	93.8	94.6	95.6	96.4	96.4	96.9	96.9	97.2	97.3
GE 300	51.1	72.0	77.2	82.1	87.9	90.0	92.1	93.9	94.7	95.7	96.8	96.8	97.2	97.2	97.6	97.7
GE 200	51.1	72.0	77.2	82.1	87.9	90.0	92.1	94.2	95.0	96.3	97.6	97.6	98.0	98.0	98.3	98.4
GE 100	51.1	72.0	77.2	82.1	87.9	90.0	92.1	94.2	95.0	96.3	97.8	97.9	98.3	98.3	98.8	99.8
GE 0	51.1	72.0	77.2	82.1	87.9	90.0	92.1	94.2	95.0	96.3	97.8	97.9	98.3	98.3	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	22.6	31.6	33.9	35.1	36.7	37.3	37.7	37.9	38.2	38.4	38.7	38.7	38.8	38.8	38.8	38.9
GE 20000	24.4	34.8	37.4	38.7	40.6	41.2	41.6	41.8	42.1	42.3	42.6	42.6	42.7	42.7	42.7	42.8
GE 18000	24.8	35.3	38.0	39.2	41.1	41.8	42.1	42.3	42.7	42.9	43.1	43.1	43.2	43.2	43.2	43.3
GE 16000	24.8	35.3	38.0	39.2	41.1	41.8	42.1	42.3	42.7	42.9	43.1	43.1	43.2	43.2	43.2	43.3
GE 14000	24.9	35.6	38.2	39.4	41.3	42.0	42.3	42.6	42.9	43.1	43.3	43.3	43.4	43.4	43.4	43.6
GE 12000	26.2	37.2	39.9	41.2	43.1	43.8	44.1	44.3	44.7	44.9	45.1	45.1	45.2	45.2	45.2	45.3
GE 10000	26.8	38.9	41.6	43.3	45.2	45.9	46.2	46.4	46.8	47.0	47.2	47.2	47.3	47.3	47.3	47.4
GE 9000	27.1	39.4	42.1	43.9	45.8	46.4	46.8	47.0	47.3	47.6	47.8	47.8	47.9	47.9	47.9	48.0
GE 8000	27.7	41.6	44.6	46.3	48.3	49.0	49.3	49.6	49.9	50.1	50.3	50.3	50.4	50.4	50.4	50.6
GE 7000	28.9	43.6	46.7	48.5	50.6	51.2	51.6	51.8	52.1	52.3	52.6	52.6	52.7	52.7	52.7	52.8
GE 6000	29.1	44.0	47.1	49.0	51.0	51.8	52.1	52.3	52.7	52.9	53.1	53.1	53.2	53.2	53.2	53.3
GE 5000	30.3	46.0	49.2	51.2	53.3	54.1	54.4	54.7	55.0	55.2	55.4	55.4	55.6	55.6	55.6	55.7
GE 4500	31.8	48.0	51.2	53.3	55.4	56.2	56.6	56.8	57.1	57.3	57.6	57.6	57.7	57.7	57.7	57.8
GE 4000	33.7	50.2	53.6	55.8	57.9	58.8	59.2	59.4	59.8	60.0	60.2	60.2	60.3	60.3	60.3	60.4
GE 3500	35.3	53.1	56.4	58.7	60.8	61.7	62.2	62.4	62.8	63.0	63.2	63.2	63.3	63.3	63.3	63.4
GE 3000	37.6	56.2	59.6	62.1	64.6	65.6	66.1	66.3	66.7	67.0	67.2	67.2	67.3	67.3	67.3	67.4
GE 2500	40.9	60.4	64.2	66.9	69.3	70.6	71.2	71.4	71.8	72.1	72.3	72.3	72.6	72.6	72.6	72.7
GE 2000	44.1	64.6	68.9	71.7	74.3	75.6	76.4	76.7	77.0	77.3	77.6	77.6	77.8	77.8	77.8	77.9
GE 1800	44.6	66.0	70.4	73.2	76.0	77.3	78.2	78.4	78.9	79.2	79.4	79.6	79.8	79.8	79.8	79.9
GE 1500	46.4	69.0	73.7	76.4	79.6	81.2	82.1	82.3	82.9	83.2	83.4	83.6	83.8	83.8	83.8	83.9
GE 1200	47.4	71.0	75.9	78.8	82.1	83.8	84.7	84.9	85.4	85.8	86.0	86.1	86.3	86.3	86.3	86.4
GE 1000	47.7	71.9	76.9	80.1	84.0	85.8	86.9	87.3	87.9	88.3	88.6	88.7	88.9	88.9	88.9	89.0
GE 900	48.0	73.4	78.9	82.3	86.4	88.2	89.3	89.8	90.3	90.8	91.0	91.1	91.3	91.3	91.3	91.4
GE 800	48.0	74.0	80.0	83.7	88.2	90.1	91.2	91.7	92.2	92.8	93.0	93.1	93.6	93.6	93.6	93.7
GE 700	48.0	74.2	80.2	83.9	89.0	91.0	92.3	92.8	93.3	94.1	94.3	94.4	95.0	95.0	95.0	95.1
GE 600	48.2	74.6	80.8	84.4	90.1	92.3	93.7	94.4	95.0	95.8	96.0	96.1	96.7	96.7	96.7	96.8
GE 500	48.2	74.6	80.8	84.5	90.7	93.2	94.9	95.8	96.3	97.1	97.3	97.4	98.1	98.1	98.1	98.2
GE 400	48.2	74.6	80.8	84.5	90.7	93.3	95.1	96.0	96.7	97.4	97.7	97.8	98.6	98.6	98.6	98.7
GE 300	48.2	74.6	80.8	84.5	90.7	93.4	95.2	96.1	96.8	97.6	98.0	98.3	99.1	99.2	99.2	99.3
GE 200	48.2	74.6	80.8	84.5	90.7	93.4	95.2	96.1	96.8	97.6	98.0	98.3	99.1	99.2	99.2	99.7
GE 100	48.2	74.6	80.8	84.5	90.7	93.4	95.2	96.1	96.8	97.6	98.0	98.3	99.1	99.2	99.3	99.9
GE 0	48.2	74.6	80.8	84.5	90.7	93.4	95.2	96.1	96.8	97.6	98.0	98.3	99.1	99.2	99.3	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.6	36.4	37.7	38.4	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 20000	33.3	41.8	43.1	43.9	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 18000	33.4	41.9	43.2	44.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 16000	33.4	41.9	43.2	44.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 14000	34.0	42.8	44.1	44.9	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 12000	34.8	43.9	45.2	46.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 10000	35.9	46.3	47.7	48.4	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 9000	36.1	46.8	48.1	48.9	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 8000	36.8	48.6	49.9	50.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 7000	37.7	49.9	51.2	52.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 6000	37.8	50.4	51.8	52.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 5000	38.9	52.3	53.7	54.4	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 4500	39.8	53.6	55.0	55.8	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 4000	42.1	56.7	58.1	59.1	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 3500	44.3	59.8	61.3	62.3	63.4	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 3000	48.3	64.8	66.3	67.4	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 2500	52.0	70.0	71.8	72.9	74.6	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 2000	54.7	74.6	76.6	77.9	79.9	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1800	55.2	75.9	77.9	79.2	81.2	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500	57.4	79.9	82.3	83.9	86.0	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1200	58.1	83.0	85.4	87.2	89.7	89.9	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1000	59.1	84.8	87.2	89.2	91.7	92.0	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	59.1	85.3	87.8	90.1	92.8	93.3	93.9	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	59.2	86.0	88.6	91.2	93.9	94.8	95.4	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	59.2	86.0	88.8	91.4	94.2	95.3	96.0	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 600	59.4	86.4	89.4	92.1	95.0	96.1	96.8	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	59.7	86.8	89.8	92.4	95.7	96.8	97.4	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	59.7	86.8	89.8	92.4	96.0	97.1	97.9	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.6	99.6
GE 300	59.7	86.8	89.8	92.4	96.0	97.2	98.0	99.0	99.1	99.4	99.7	99.7	99.7	99.7	100.0	100.0
GE 200	59.7	86.8	89.8	92.4	96.0	97.2	98.0	99.0	99.1	99.4	99.7	99.7	99.7	99.7	100.0	100.0
GE 100	59.7	86.8	89.8	92.4	96.0	97.2	98.0	99.0	99.1	99.4	99.7	99.7	99.7	99.7	100.0	100.0
GE 0	59.7	86.8	89.8	92.4	96.0	97.2	98.0	99.0	99.1	99.4	99.7	99.7	99.7	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 ...
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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 5/16	GE 1/4	GE 0
NO CEIL	28.4	35.4	35.9	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 20000	34.3	42.2	42.9	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 18000	34.3	42.2	42.9	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 16000	34.4	42.4	43.1	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 14000	34.8	42.6	43.4	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 12000	36.4	44.6	45.2	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 10000	38.8	47.3	48.0	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 9000	38.8	47.4	48.1	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 8000	41.4	50.4	51.2	52.1	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	42.1	52.2	53.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 6000	42.3	52.7	53.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 5000	43.7	54.7	55.4	56.4	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 4500	44.6	56.2	57.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4000	47.6	59.7	60.6	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 3500	50.3	62.7	63.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 3000	55.9	68.8	69.7	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 2500	59.9	75.1	76.3	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2000	62.7	80.6	81.9	83.6	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1800	63.0	81.2	82.6	84.2	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1500	64.8	84.0	85.3	87.2	88.1	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	65.6	86.1	87.8	89.8	91.1	91.2	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 1000	66.1	87.4	89.3	91.3	92.7	93.1	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	66.2	87.8	90.0	92.1	93.9	94.1	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	66.4	88.2	90.6	92.9	94.8	95.1	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	66.4	88.9	91.2	93.5	95.7	96.2	97.0	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6
GE 600	66.4	89.0	91.4	93.8	95.9	96.4	97.4	97.8	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0
GE 500	66.6	89.1	91.6	94.3	96.3	97.2	98.3	98.8	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.6
GE 400	66.6	89.1	91.7	94.1	96.4	97.3	98.4	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7
GE 300	66.6	89.1	91.7	94.1	96.4	97.3	98.4	98.9	99.0	99.4	99.7	99.8	99.9	99.9	100.0	100.0
GE 200	66.6	89.1	91.7	94.1	96.4	97.3	98.4	98.9	99.0	99.4	99.7	99.8	99.9	99.9	100.0	100.0
GE 100	66.6	89.1	91.7	94.1	96.4	97.3	98.4	98.9	99.0	99.4	99.7	99.8	99.9	99.9	100.0	100.0
GE 0	66.6	89.1	91.7	94.1	96.4	97.3	98.4	98.9	99.0	99.4	99.7	99.8	99.9	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1800-2300

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	34.2	39.9	40.3	40.3	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 20000	38.6	44.4	44.9	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 18000	38.6	44.4	44.9	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 16000	38.8	44.7	45.1	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 14000	39.1	45.0	45.4	46.3	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 12000	41.0	46.9	47.3	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 10000	43.6	49.7	50.1	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 9000	43.6	49.8	50.2	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 8000	45.8	52.3	52.8	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 7000	46.3	53.1	53.7	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 6000	46.6	53.3	53.9	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 5000	49.2	56.9	57.6	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 4500	50.6	59.0	59.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 4000	52.9	62.4	63.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 3500	56.2	66.6	67.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 3000	59.7	70.6	71.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 2500	64.7	77.2	78.3	79.4	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	69.1	82.9	84.0	85.1	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1800	69.4	83.3	84.6	85.7	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500	71.6	86.4	87.8	88.9	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	71.9	87.4	88.9	90.2	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	72.8	89.0	90.6	91.9	92.7	92.7	93.0	93.0	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3
GE 900	72.8	89.1	91.1	92.3	94.0	94.0	94.4	94.4	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8
GE 800	72.9	89.8	92.0	93.3	95.2	95.3	95.9	95.9	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.3
GE 700	73.0	90.1	92.3	94.3	96.4	96.6	97.1	97.1	97.2	97.2	97.4	97.4	97.6	97.6	97.6	97.6
GE 600	73.0	90.3	92.6	94.3	96.9	97.2	97.9	98.0	98.1	98.1	98.3	98.3	98.4	98.4	98.4	98.4
GE 500	73.1	90.4	92.7	94.9	97.6	98.1	98.8	99.0	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	73.1	90.4	92.7	94.9	97.6	98.1	98.9	99.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	73.1	90.4	92.7	94.9	97.6	98.1	98.9	99.1	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	73.1	90.4	92.7	94.9	97.6	98.1	98.9	99.1	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	73.1	90.4	92.7	94.9	97.6	98.1	98.9	99.1	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	73.1	90.4	92.7	94.9	97.6	98.1	98.9	99.1	99.2	99.6	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.7	38.7	39.6	40.3	40.3	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 20000	37.8	43.7	44.6	45.1	45.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 18000	37.8	43.8	44.7	45.2	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 16000	38.0	44.0	44.9	45.4	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 14000	38.1	44.1	45.0	45.5	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 12000	38.8	44.9	45.8	46.3	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 10000	42.4	49.4	50.3	51.2	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 9000	42.6	49.6	50.4	51.3	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 8000	45.7	52.9	53.8	54.7	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 7000	45.9	53.2	54.1	55.1	55.4	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 6000	46.0	53.6	54.4	55.4	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 5000	48.4	56.7	57.7	58.8	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 4500	51.7	60.8	62.1	63.2	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 4000	54.2	63.7	65.0	66.1	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 3500	56.9	67.1	68.4	69.5	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3000	59.2	70.0	71.3	72.4	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3
GE 2500	64.0	76.3	77.8	78.9	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
GE 2000	67.1	80.4	82.1	83.2	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1
GE 1800	67.8	81.4	83.1	84.2	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1
GE 1500	70.1	84.9	86.9	88.0	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3
GE 1200	70.8	86.3	88.9	90.1	91.0	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
GE 1000	71.2	87.2	90.0	91.3	92.2	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
GE 900	71.6	88.2	91.1	92.4	93.3	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
GE 800	72.0	89.2	92.2	94.1	95.8	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
GE 700	72.3	89.8	92.9	94.8	96.8	97.4	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.2	98.2
GE 600	72.3	89.8	92.9	94.9	97.1	98.1	98.4	98.6	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.0
GE 500	72.3	89.8	92.9	94.9	97.3	98.3	98.7	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2
GE 400	72.3	89.8	92.9	94.9	97.3	98.3	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.3	99.3
GE 300	72.3	89.8	92.9	94.9	97.3	98.3	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4
GE 200	72.3	89.8	92.9	94.9	97.3	98.3	98.7	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.7	99.7
GE 100	72.3	89.8	92.9	94.9	97.3	98.3	98.7	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.8	100.0
GE 0	72.3	89.8	92.9	94.9	97.3	98.3	98.7	99.0	99.1	99.2	99.4	99.4	99.4	99.4	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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 5/16	GE 1/4	GE 0
NO CEIL	29.2	35.5	36.9	37.9	39.2	39.5	39.7	39.9	40.0	40.2	40.3	40.3	40.4	40.4	40.5	40.6
GE 20000	32.8	39.9	41.5	42.5	43.9	44.2	44.4	44.6	44.7	44.9	45.0	45.0	45.2	45.2	45.2	45.3
GE 18000	32.9	40.0	41.6	42.7	44.0	44.3	44.5	44.7	44.8	45.0	45.1	45.1	45.3	45.3	45.3	45.5
GE 16000	33.0	40.1	41.7	42.8	44.1	44.4	44.6	44.8	44.9	45.1	45.2	45.2	45.4	45.4	45.4	45.5
GE 14000	33.2	40.4	42.0	43.1	44.4	44.7	44.9	45.1	45.2	45.4	45.5	45.5	45.7	45.7	45.7	45.8
GE 12000	34.3	41.7	43.3	44.4	45.7	46.0	46.2	46.4	46.5	46.7	46.8	46.8	47.0	47.0	47.0	47.2
GE 10000	36.5	44.6	46.2	47.3	48.8	49.1	49.3	49.5	49.6	49.8	49.9	49.9	50.1	50.1	50.2	50.3
GE 9000	36.7	44.9	46.5	47.3	49.1	49.4	49.7	49.9	50.0	50.2	50.3	50.3	50.4	50.4	50.5	50.6
GE 8000	38.8	47.8	49.5	50.9	52.3	52.6	52.9	53.0	53.2	53.3	53.5	53.5	53.6	53.6	53.7	53.8
GE 7000	39.5	49.2	50.9	52.4	53.8	54.2	54.4	54.6	54.7	54.9	55.0	55.0	55.2	55.2	55.2	55.3
GE 6000	39.8	49.6	51.3	52.3	54.3	54.6	54.9	55.1	55.2	55.4	55.5	55.5	55.6	55.6	55.7	55.8
GE 5000	41.5	52.0	53.8	55.4	56.9	57.3	57.5	57.7	57.8	58.0	58.1	58.1	58.3	58.3	58.3	58.4
GE 4500	43.6	54.8	56.7	58.3	59.8	60.2	60.4	60.6	60.8	60.9	61.1	61.1	61.2	61.2	61.3	61.4
GE 4000	45.9	57.5	59.5	61.2	62.7	63.1	63.4	63.6	63.7	63.9	64.0	64.0	64.2	64.2	64.2	64.3
GE 3500	48.3	60.7	62.6	64.4	65.9	66.3	66.6	66.8	66.9	67.1	67.3	67.3	67.4	67.4	67.5	67.6
GE 3000	51.4	64.4	66.4	68.2	69.9	70.3	70.6	70.8	71.0	71.2	71.3	71.3	71.4	71.4	71.5	71.6
GE 2500	55.1	69.6	71.8	73.3	75.6	76.0	76.4	76.6	76.7	76.9	77.0	77.0	77.2	77.2	77.3	77.4
GE 2000	58.1	73.8	76.2	78.3	80.2	80.7	81.1	81.3	81.5	81.7	81.8	81.8	81.9	81.9	82.0	82.1
GE 1800	58.6	74.8	77.3	79.3	81.3	81.8	82.2	82.4	82.6	82.8	82.9	82.9	83.1	83.1	83.2	83.3
GE 1500	60.8	78.1	80.7	82.9	85.0	85.5	86.0	86.2	86.4	86.6	86.7	86.7	86.9	86.9	87.0	87.1
GE 1200	61.6	80.0	82.9	85.3	87.6	88.2	88.7	88.9	89.1	89.3	89.4	89.5	89.6	89.6	89.7	89.8
GE 1000	62.3	81.5	84.5	87.1	89.6	90.2	90.8	91.2	91.4	91.6	91.8	91.8	91.9	91.9	92.0	92.1
GE 900	62.6	82.4	85.6	88.4	91.1	91.7	92.4	92.8	92.9	93.2	93.4	93.4	93.5	93.5	93.6	93.8
GE 800	62.8	83.1	86.5	89.5	92.5	93.3	94.0	94.4	94.6	94.8	95.1	95.1	95.3	95.3	95.4	95.5
GE 700	62.9	83.3	86.9	89.9	93.2	94.1	94.9	95.3	95.5	95.7	96.0	96.0	96.2	96.2	96.3	96.4
GE 600	63.0	83.5	87.1	90.3	93.8	94.8	95.6	96.1	96.3	96.6	96.8	96.8	97.1	97.1	97.2	97.3
GE 500	63.0	83.6	87.3	90.5	94.3	95.4	96.4	97.0	97.3	97.6	97.9	97.9	98.2	98.2	98.3	98.4
GE 400	63.0	83.6	87.3	90.5	94.3	95.6	96.7	97.3	97.6	98.0	98.3	98.3	98.6	98.6	98.7	98.9
GE 300	63.0	83.6	87.3	90.5	94.3	95.6	96.7	97.4	97.8	98.3	98.7	98.7	99.0	99.0	99.1	99.2
GE 200	63.0	83.6	87.3	90.5	94.3	95.6	96.7	97.5	97.8	98.4	98.8	98.9	99.1	99.2	99.3	99.5
GE 100	63.0	83.6	87.3	90.5	94.3	95.6	96.7	97.5	97.8	98.4	98.9	98.9	99.2	99.2	99.5	99.9
GE 0	63.0	83.6	87.3	90.5	94.3	95.6	96.7	97.5	97.8	98.4	98.9	98.9	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 7230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	29.8	32.0	32.2	32.7	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 20000	33.2	35.6	35.7	36.2	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 18000	33.2	35.6	35.7	36.2	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 16000	33.4	35.8	35.9	36.5	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 14000	33.9	36.2	36.3	36.9	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 12000	34.6	37.1	37.2	37.7	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 10000	36.5	39.6	39.7	40.2	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 9000	36.7	39.8	39.9	40.4	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 8000	38.2	41.6	41.7	42.3	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 7000	41.0	44.4	44.5	45.1	46.3	46.3	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 6000	42.3	45.8	45.9	46.5	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 5000	44.7	48.8	49.0	49.5	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 4500	46.7	51.7	52.0	52.5	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 4000	47.6	52.7	53.0	53.5	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 3500	49.6	55.4	55.7	56.2	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 3000	52.4	59.8	60.2	60.8	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 2500	58.2	68.0	68.4	68.9	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 2000	61.8	73.2	73.8	74.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 1800	62.7	75.1	75.7	76.7	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1500	64.2	78.0	78.7	79.8	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1200	64.9	79.9	81.0	82.3	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1000	65.4	81.4	83.0	84.4	87.5	87.5	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	65.5	82.6	84.5	85.9	89.2	89.2	89.2	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	65.5	82.7	85.3	87.0	90.6	90.8	90.8	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 700	65.7	83.4	86.5	88.9	92.7	92.9	93.1	93.1	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	65.7	83.9	87.3	89.7	94.3	94.5	94.7	94.7	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 500	65.8	84.1	87.6	90.1	95.1	95.7	96.1	96.1	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	65.8	84.1	87.6	90.1	95.1	95.8	96.6	96.8	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	65.8	84.1	87.6	90.2	95.2	96.0	96.9	97.2	97.4	98.0	98.2	98.2	98.6	98.6	98.6	98.6
GE 200	65.8	84.1	87.6	90.2	95.2	96.0	96.9	97.2	97.4	98.1	98.4	98.4	99.1	99.1	99.1	99.6
GE 100	65.8	84.1	87.6	90.2	95.2	96.0	96.9	97.2	97.4	98.1	98.4	98.4	99.5	99.5	99.5	100.0
GE 0	65.8	84.1	87.6	90.2	95.2	96.0	96.9	97.2	97.4	98.1	98.4	98.4	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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 5/16	GE 1/4	GE 0
NO CEIL	28.8	33.3	33.4	34.7	35.7	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.1	36.1
GE 20000	30.5	35.2	35.3	36.7	37.6	37.8	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1
GE 18000	30.6	35.3	35.4	36.8	37.7	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.2
GE 16000	30.6	35.3	35.4	36.8	37.7	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.2
GE 14000	31.0	35.7	35.8	37.2	38.2	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6
GE 12000	31.9	36.7	36.8	38.2	39.1	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.6
GE 10000	34.5	39.7	39.8	41.2	42.2	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6
GE 9000	34.5	39.7	39.8	41.2	42.2	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6
GE 8000	37.2	42.7	42.8	44.2	45.2	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6
GE 7000	38.8	44.3	44.4	45.8	46.8	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2
GE 6000	39.9	45.7	45.8	47.2	48.2	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6
GE 5000	42.3	48.1	48.2	49.6	50.6	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1
GE 4500	44.1	50.4	50.6	52.3	53.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8
GE 4000	45.6	52.0	52.4	54.1	55.4	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8
GE 3500	47.0	53.8	54.2	55.9	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7
GE 3000	49.9	57.0	57.6	59.5	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4
GE 2500	54.9	63.4	64.3	66.3	67.7	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
GE 2000	59.4	68.8	69.7	71.8	73.5	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4
GE 1800	60.3	70.1	71.0	73.3	75.3	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1
GE 1500	62.3	73.2	74.5	77.1	79.0	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
GE 1200	63.1	75.7	77.1	79.8	82.2	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.3	83.3
GE 1000	63.9	77.7	79.5	82.3	84.9	85.5	85.8	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.6	86.6
GE 900	64.2	78.8	81.0	84.1	87.2	87.8	88.3	88.8	88.8	88.8	88.8	88.8	88.9	88.9	89.0	89.0
GE 800	64.2	79.2	81.7	84.8	88.2	88.8	89.2	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.0	90.0
GE 700	64.6	80.1	83.2	86.3	90.2	91.0	91.6	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.4	92.4
GE 600	64.8	80.5	83.9	87.5	91.5	92.4	93.2	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.1	94.1
GE 500	64.9	81.0	84.4	88.1	92.6	93.6	94.9	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.1	96.1
GE 400	64.9	81.1	84.5	88.2	92.7	94.0	95.4	96.3	96.6	96.9	97.0	97.0	97.2	97.2	97.3	97.3
GE 300	64.9	81.1	84.5	88.3	92.9	94.2	95.8	96.8	97.0	97.5	97.8	97.8	98.2	98.2	98.3	98.3
GE 200	64.9	81.1	84.5	88.3	92.9	94.2	95.8	96.8	97.0	97.5	98.2	98.2	98.9	99.0	99.1	99.5
GE 100	64.9	81.1	84.5	88.3	92.9	94.2	95.8	96.8	97.0	97.5	98.2	98.2	99.0	99.1	99.2	99.5
GE 0	64.9	81.1	84.5	88.3	92.9	94.2	95.8	96.8	97.0	97.5	98.2	98.2	99.0	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	23.5	29.0	30.1	30.9	31.8	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.8	32.8
GE 20000	24.6	30.2	31.4	32.3	33.2	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.2	34.2
GE 18000	24.6	30.2	31.4	32.3	33.2	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.2	34.2
GE 16000	24.7	30.3	31.5	32.4	33.3	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.3	34.3
GE 14000	25.1	30.8	31.9	32.8	33.8	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.6	34.6	34.7	34.7
GE 12000	25.7	31.4	32.6	33.5	34.5	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.5	35.5
GE 10000	28.9	34.9	36.2	37.2	38.2	38.7	38.9	38.9	38.9	38.9	38.9	38.9	39.0	39.0	39.1	39.1
GE 9000	29.2	35.4	36.7	37.6	38.6	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.6	39.6
GE 8000	32.4	39.6	40.9	41.8	42.8	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.7	43.7	43.8	43.8
GE 7000	33.7	41.1	42.5	43.4	44.4	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.4	45.4
GE 6000	34.0	41.8	43.2	44.2	45.2	45.7	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.1	46.1
GE 5000	36.0	44.1	45.6	46.5	47.5	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.5	48.5
GE 4500	38.1	46.6	48.1	49.4	50.4	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.4	51.4
GE 4000	38.6	47.4	48.9	50.4	51.5	52.0	52.3	52.3	52.3	52.4	52.4	52.4	52.5	52.5	52.6	52.6
GE 3500	39.6	48.8	50.3	51.9	53.1	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.1	54.1	54.2	54.2
GE 3000	42.2	52.2	54.0	55.8	57.2	57.7	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.3	58.3
GE 2500	45.2	57.3	59.2	61.3	62.8	63.5	63.9	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.2	64.2
GE 2000	48.4	62.0	64.2	66.3	68.0	68.8	69.1	69.1	69.1	69.2	69.2	69.2	69.4	69.4	69.5	69.5
GE 1800	50.3	64.3	66.7	68.8	70.8	71.6	71.9	72.0	72.0	72.2	72.2	72.2	72.4	72.4	72.5	72.5
GE 1500	51.2	68.4	71.2	73.5	75.5	76.3	76.9	77.0	77.1	77.2	77.3	77.3	77.5	77.5	77.6	77.6
GE 1200	54.8	70.4	73.7	76.1	78.2	79.0	79.8	80.2	80.3	80.4	80.5	80.5	80.8	80.8	80.9	80.9
GE 1000	55.5	72.9	76.6	79.5	82.0	82.9	83.7	84.2	84.4	84.7	84.8	84.8	85.1	85.1	85.2	85.2
GE 900	55.5	73.1	77.2	80.2	82.7	83.5	84.3	84.8	85.1	85.4	85.5	85.5	85.7	85.7	85.8	85.8
GE 800	55.8	74.8	79.2	82.4	85.5	86.3	87.1	87.6	87.8	88.2	88.3	88.3	88.5	88.5	88.6	88.6
GE 700	55.8	74.8	79.5	82.9	86.7	87.6	88.4	89.0	89.2	89.7	89.8	89.8	90.0	90.0	90.1	90.1
GE 600	55.9	75.6	80.2	84.0	88.1	89.2	90.1	90.8	91.0	91.5	91.6	91.6	91.8	91.8	91.9	91.9
GE 500	55.9	76.1	80.9	84.5	89.6	91.0	92.2	93.0	93.4	94.0	94.3	94.3	94.5	94.5	94.6	94.6
GE 400	55.9	76.2	81.1	84.3	90.0	91.5	93.1	94.2	94.9	95.7	96.2	96.3	96.7	96.7	96.8	96.8
GE 300	55.9	76.2	81.1	84.3	90.2	91.7	93.5	94.9	95.9	96.7	97.2	97.3	97.7	97.7	97.8	97.8
GE 200	55.9	76.2	81.1	84.3	90.2	91.7	93.5	94.9	95.9	96.9	97.6	97.8	98.6	98.6	98.8	99.0
GE 100	55.9	76.2	81.1	84.3	90.2	91.7	93.5	94.9	95.9	96.9	97.7	98.1	98.8	98.8	99.1	99.6
GE 0	55.9	76.2	81.1	84.3	90.2	91.7	93.5	94.9	95.9	96.9	97.7	98.1	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	20.2	26.3	28.1	28.8	29.5	29.8	29.9	30.0	30.0	30.1	30.1	30.1	30.2	30.2	30.2	30.2
GE 20000	21.6	28.8	30.8	31.6	32.4	32.7	32.8	32.9	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.1
GE 18000	21.6	28.8	30.8	31.6	32.4	32.7	32.8	32.9	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.1
GE 16000	21.6	28.8	30.8	31.6	32.4	32.7	32.8	32.9	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.1
GE 14000	21.8	29.0	31.0	31.8	32.6	32.9	33.0	33.1	33.1	33.2	33.2	33.2	33.3	33.3	33.3	33.3
GE 12000	22.9	30.1	32.0	32.9	33.8	34.1	34.2	34.4	34.4	34.5	34.5	34.5	34.6	34.6	34.6	34.6
GE 10000	25.3	33.3	35.3	36.1	37.0	37.3	37.4	37.6	37.6	37.7	37.7	37.7	37.8	37.8	37.8	37.8
GE 9000	25.3	33.5	35.5	36.3	37.2	37.5	37.6	37.8	37.8	38.0	38.0	38.0	38.1	38.1	38.1	38.1
GE 8000	27.3	37.0	39.1	40.3	40.9	41.2	41.3	41.5	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7
GE 7000	27.7	38.1	40.3	41.3	42.4	42.7	42.8	43.0	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.2
GE 6000	28.4	38.9	41.2	42.2	43.2	43.7	43.8	44.0	44.0	44.1	44.1	44.1	44.2	44.2	44.2	44.2
GE 5000	31.1	42.3	44.6	45.5	46.7	47.1	47.2	47.4	47.4	47.5	47.5	47.5	47.6	47.6	47.6	47.6
GE 4500	31.8	43.3	45.7	47.1	48.2	48.6	48.7	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1
GE 4000	32.6	44.4	46.9	48.4	49.5	49.9	50.0	50.2	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4
GE 3500	33.2	46.0	48.5	50.0	51.1	51.5	51.6	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0
GE 3000	36.3	50.9	53.3	54.4	56.1	56.6	56.7	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.1
GE 2500	38.9	55.7	58.3	60.3	61.4	61.8	62.2	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6
GE 2000	41.6	59.4	62.4	64.2	65.9	66.5	66.8	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.3	67.3
GE 1800	42.6	61.4	64.4	66.3	68.1	68.6	68.9	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.6	69.6
GE 1500	45.2	65.7	69.2	71.2	73.1	73.8	74.1	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.8	74.8
GE 1200	45.9	68.7	72.5	74.4	76.6	77.2	77.6	78.3	78.3	78.5	78.6	78.6	78.7	78.7	78.8	78.8
GE 1000	46.2	70.9	74.9	77.5	80.1	80.9	81.5	82.4	82.5	82.7	82.9	82.9	83.0	83.0	83.1	83.1
GE 900	46.3	71.3	75.5	78.4	81.1	81.8	82.5	83.3	83.4	83.7	83.9	83.9	84.1	84.1	84.2	84.2
GE 800	46.3	71.9	76.3	79.9	83.9	84.7	85.6	86.7	86.8	87.0	87.2	87.2	87.4	87.4	87.5	87.5
GE 700	46.6	72.8	77.4	81.1	85.4	86.6	87.4	88.6	88.7	89.0	89.4	89.5	89.8	89.8	89.9	89.9
GE 600	46.9	73.5	78.2	82.3	87.0	88.7	89.6	91.0	91.2	91.5	91.9	92.0	92.5	92.5	92.6	92.6
GE 500	46.9	73.5	78.5	82.7	87.7	89.7	91.0	93.0	93.3	93.8	94.4	94.5	95.2	95.2	95.3	95.3
GE 400	46.9	73.5	78.6	82.9	88.2	90.3	91.7	94.0	94.5	95.3	96.1	96.5	97.2	97.3	97.4	97.5
GE 300	46.9	73.6	78.6	82.9	88.3	90.4	91.8	94.1	94.6	95.5	96.7	97.0	98.0	98.2	98.4	98.7
GE 200	46.9	73.7	78.7	83.3	88.4	90.5	91.9	94.3	94.8	95.7	97.0	97.3	98.5	98.7	98.9	99.5
GE 100	46.9	73.7	78.7	83.3	88.4	90.5	91.9	94.3	94.8	95.7	97.0	97.3	98.5	98.7	99.0	99.8
GE 0	46.9	73.7	78.7	83.3	88.4	90.5	91.9	94.3	94.8	95.7	97.0	97.3	98.5	98.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	24.9	30.3	30.9	31.5	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 20000	28.2	34.4	35.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 18000	28.3	34.5	35.4	36.1	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 16000	28.4	34.6	35.5	36.2	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 14000	28.5	34.8	35.7	36.5	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 12000	28.8	35.3	36.2	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 10000	30.9	38.0	38.9	39.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 9000	30.9	38.2	39.1	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 8000	31.9	39.7	40.6	41.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 7000	32.6	40.6	41.6	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 6000	33.4	41.6	42.6	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 5000	35.2	44.2	45.2	46.5	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 4500	36.9	46.1	47.2	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 4000	37.7	48.0	49.2	50.5	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 3500	38.9	50.1	51.4	52.7	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 3000	41.8	55.4	56.7	58.2	58.8	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
GE 2500	46.1	62.0	63.3	64.8	65.5	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
GE 2000	49.8	68.3	69.7	71.3	72.5	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
GE 1800	51.1	69.8	71.3	72.9	74.2	74.4	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
GE 1500	53.0	73.7	75.2	76.9	78.3	78.6	78.7	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
GE 1200	54.2	75.8	77.6	79.9	82.5	82.9	83.1	83.2	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8
GE 1000	54.2	77.2	79.2	82.3	85.2	85.8	86.2	86.5	86.7	86.7	87.0	87.1	87.1	87.1	87.1	87.1
GE 900	54.4	78.2	80.4	83.9	87.3	88.0	88.4	88.6	88.9	88.9	89.2	89.4	89.4	89.4	89.4	89.4
GE 800	54.8	79.6	82.3	86.6	90.4	91.4	91.8	92.2	92.5	92.6	92.9	93.0	93.0	93.0	93.0	93.0
GE 700	55.1	80.1	82.8	87.7	91.6	92.7	93.2	93.7	94.1	94.2	94.5	94.6	94.6	94.6	94.6	94.6
GE 600	55.1	80.5	83.3	88.5	92.6	93.9	94.4	94.8	95.3	95.4	95.7	95.8	95.8	95.8	95.8	95.8
GE 500	55.2	80.8	83.5	88.7	93.1	94.8	95.8	96.2	96.7	96.9	97.2	97.4	97.5	97.5	97.5	97.5
GE 400	55.2	80.8	83.7	88.9	93.4	95.2	96.1	96.8	97.5	97.7	98.1	98.3	98.5	98.6	98.6	98.6
GE 300	55.2	80.8	83.8	89.3	93.7	95.4	96.3	97.1	98.0	98.2	98.6	98.8	99.2	99.4	99.7	99.7
GE 200	55.2	80.8	83.8	89.3	93.7	95.4	96.3	97.1	98.0	98.2	98.6	98.8	99.2	99.4	99.9	100.0
GE 100	55.2	80.8	83.8	89.3	93.7	95.4	96.3	97.1	98.0	98.2	98.6	98.8	99.2	99.4	99.9	100.0
GE 0	55.2	80.8	83.8	89.3	93.7	95.4	96.3	97.1	98.0	98.2	98.6	98.8	99.2	99.4	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH PERIOD OF RECORD: 75-84
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	27.0	30.8	31.1	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 20000	30.8	35.8	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 18000	30.8	35.8	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 16000	30.8	35.8	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 14000	30.9	36.2	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 12000	31.7	37.1	37.6	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 10000	34.0	39.5	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 9000	34.1	39.7	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 8000	36.0	41.7	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 7000	36.6	42.4	42.9	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 6000	36.8	42.6	43.1	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 5000	38.1	44.5	45.2	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 4500	39.8	46.9	47.6	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 4000	41.4	48.7	49.6	50.1	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 3500	42.3	49.9	50.8	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 3000	46.3	55.2	56.1	56.8	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 2500	51.2	61.3	62.7	63.5	64.2	64.3	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
GE 2000	54.8	66.7	68.5	69.9	70.9	71.0	71.2	71.3	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6
GE 1800	56.2	69.1	71.2	72.7	73.7	73.8	74.0	74.1	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4
GE 1500	57.4	73.1	75.7	77.7	80.0	80.3	80.6	80.9	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.4
GE 1200	57.7	74.8	78.0	80.5	83.2	83.5	84.0	84.3	84.3	84.5	84.9	84.9	85.1	85.1	85.1	85.1
GE 1000	58.2	76.9	80.8	83.3	86.8	87.6	88.2	88.6	88.7	88.9	89.4	89.4	89.7	89.7	89.7	89.7
GE 900	58.5	77.6	81.8	85.1	88.4	89.2	89.8	90.4	90.5	90.8	91.2	91.2	91.5	91.5	91.5	91.5
GE 800	58.5	78.5	83.1	86.3	90.6	91.5	92.4	93.3	93.4	93.9	94.3	94.3	94.7	94.7	94.7	94.7
GE 700	58.6	78.9	83.8	87.4	91.3	92.5	93.5	94.6	94.7	95.2	95.6	95.6	96.0	96.0	96.0	96.0
GE 600	58.6	78.9	83.9	87.5	91.6	93.0	94.2	95.5	95.6	96.1	96.6	96.6	97.0	97.0	97.0	97.0
GE 500	58.6	79.5	84.4	88.1	92.3	93.9	95.3	96.8	96.9	97.5	98.1	98.1	98.5	98.5	98.5	98.5
GE 400	58.6	79.7	84.7	88.4	92.8	94.6	96.1	97.6	97.7	98.4	98.9	98.9	99.4	99.4	99.4	99.4
GE 300	58.6	79.7	84.7	88.4	92.8	94.6	96.1	97.7	98.0	98.6	99.1	99.2	99.9	99.9	99.9	99.9
GE 200	58.6	79.7	84.7	88.4	92.8	94.6	96.1	97.7	98.0	98.6	99.1	99.2	99.9	99.9	99.9	100.0
GE 100	58.6	79.7	84.7	88.4	92.8	94.6	96.1	97.7	98.0	98.6	99.1	99.2	99.9	99.9	99.9	100.0
GE 0	58.6	79.7	84.7	88.4	92.8	94.6	96.1	97.7	98.0	98.6	99.1	99.2	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.9	32.9	33.0	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000	35.1	37.6	38.0	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 18000	35.1	37.6	38.0	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 16000	35.1	37.6	38.0	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 14000	35.1	38.1	38.4	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 12000	36.2	39.2	39.6	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 10000	38.3	41.4	41.7	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 9000	38.6	41.7	42.0	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 8000	42.0	45.5	45.8	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 7000	43.2	46.8	47.1	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 6000	43.4	47.0	47.3	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 5000	44.9	48.7	49.1	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 4500	46.1	50.5	51.0	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 4000	47.7	52.5	53.1	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 3500	49.7	54.7	55.4	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 3000	52.2	58.1	58.9	59.5	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 2500	56.7	64.6	65.6	66.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 2000	60.1	69.5	70.8	71.7	73.1	73.2	73.4	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 1800	61.3	71.5	72.8	73.8	75.3	75.4	75.6	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1500	63.5	76.2	77.7	79.2	81.3	81.5	81.8	81.9	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1200	64.2	78.2	79.9	81.6	84.2	84.4	84.8	84.9	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1000	64.3	79.7	81.9	83.9	86.7	87.0	87.5	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 900	64.6	80.6	83.3	85.5	88.5	86.9	89.5	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	64.6	81.4	84.5	86.9	90.3	90.8	91.4	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	64.6	81.7	85.1	87.7	91.6	92.6	93.2	93.9	93.9	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 600	64.6	82.2	85.9	88.8	93.1	94.3	94.9	95.6	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 500	64.6	82.4	86.2	89.5	94.0	95.6	96.5	97.4	97.5	98.1	98.5	98.5	98.7	98.7	98.7	98.7
GE 400	64.6	82.4	86.2	89.5	94.0	95.7	96.8	97.7	97.8	98.5	98.9	98.9	99.2	99.2	99.2	99.2
GE 300	64.6	82.4	86.2	89.5	94.0	95.7	96.8	97.8	98.0	98.8	99.2	99.4	99.7	99.7	99.7	99.7
GE 200	64.6	82.4	86.2	89.5	94.0	95.7	96.8	97.8	98.0	98.8	99.2	99.4	99.7	99.7	99.7	99.7
GE 100	64.6	82.4	86.2	89.5	94.0	95.7	96.8	97.8	98.0	98.8	99.2	99.4	99.7	99.7	99.8	100.0
GE 0	64.6	82.4	86.2	89.5	94.0	95.7	96.8	97.8	98.0	98.8	99.2	99.4	99.7	99.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	30.3	32.0	32.3	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 20000	34.3	36.1	36.3	37.1	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 18000	34.3	36.1	36.3	37.1	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 16000	34.3	36.1	36.3	37.1	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 14000	34.7	36.6	36.8	37.5	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 12000	35.8	37.7	38.0	38.7	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 10000	37.6	40.2	40.4	41.2	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 9000	38.0	40.5	40.8	41.5	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 8000	39.4	42.2	42.4	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 7000	42.2	44.9	45.2	45.9	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 6000	43.2	46.0	46.2	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 5000	44.8	48.9	49.1	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 4500	48.0	52.8	53.1	53.9	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 4000	49.2	54.2	54.5	55.3	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 3500	51.1	56.3	56.8	57.6	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 3000	53.9	60.4	61.2	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 2500	58.3	66.8	67.5	68.4	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 2000	62.9	73.4	74.2	75.5	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 1800	63.5	74.8	75.7	77.3	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1500	65.5	78.5	79.5	80.9	82.3	82.4	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 1200	66.0	80.5	81.6	83.3	84.6	84.8	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 1000	66.3	81.9	83.0	84.6	86.5	86.7	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 900	66.6	83.0	84.3	85.9	88.0	88.3	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 800	66.6	83.4	85.3	86.9	89.5	89.8	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 700	66.6	84.0	86.1	87.8	90.6	91.3	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 600	66.6	84.3	86.7	88.5	91.6	92.4	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	66.6	84.7	87.4	90.3	94.3	95.4	96.5	96.6	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	66.6	84.7	87.4	90.1	94.8	95.9	97.3	97.4	97.4	97.8	98.5	98.5	98.6	98.6	98.6	98.6
GE 300	66.6	84.7	87.4	90.1	94.8	96.0	97.5	97.6	97.7	98.2	98.8	98.8	98.9	98.9	99.0	99.3
GE 200	66.6	84.7	87.4	90.1	94.8	96.0	97.5	97.7	97.8	98.4	99.0	99.1	99.6	99.6	99.7	99.9
GE 100	66.6	84.7	87.4	90.1	94.8	96.0	97.5	97.7	97.8	98.5	99.1	99.2	99.7	99.7	99.8	100.0
GE 0	66.6	84.7	87.4	90.1	94.8	96.0	97.5	97.7	97.8	98.5	99.1	99.2	99.7	99.7	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-84
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	26.9	30.8	31.4	32.0	32.6	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	
GE 20000	29.8	34.2	34.9	35.6	36.2	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5
GE 18000	29.8	34.2	34.9	35.6	36.2	36.3	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 16000	29.9	34.3	35.0	35.7	36.3	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6
GE 14000	30.1	34.7	35.3	36.0	36.6	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 12000	31.0	35.6	36.3	37.0	37.6	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9
GE 10000	33.2	38.3	39.0	39.7	40.3	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7
GE 9000	33.4	38.6	39.2	40.0	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9
GE 8000	35.6	41.2	41.9	42.7	43.3	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 7000	37.0	42.8	43.6	44.4	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 6000	37.7	43.7	44.4	45.3	45.9	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 5000	39.6	46.2	47.0	47.9	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9
GE 4500	41.4	48.5	49.4	50.4	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5
GE 4000	42.6	50.0	51.0	52.0	52.8	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 3500	43.9	51.9	52.9	53.9	54.8	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 3000	46.9	56.1	57.3	58.4	59.4	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8
GE 2500	51.2	62.4	63.7	64.9	66.0	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 2000	54.9	67.1	69.1	70.7	72.1	72.4	72.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9
GE 1800	56.0	69.5	71.1	72.7	74.3	74.6	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1
GE 1500	58.0	73.3	75.2	77.0	79.0	79.4	79.6	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.1	80.1
GE 1200	58.9	75.5	77.7	79.7	82.1	82.5	82.8	83.1	83.1	83.2	83.4	83.4	83.4	83.4	83.5	83.5
GE 1000	59.2	77.3	79.9	82.3	85.0	85.5	86.0	86.3	86.4	86.5	86.7	86.7	86.8	86.8	86.8	86.8
GE 900	59.4	78.2	81.0	83.6	86.5	87.1	87.6	88.0	88.1	88.3	88.4	88.4	88.5	88.5	88.6	88.6
GE 800	59.5	79.0	82.2	85.1	88.6	89.3	89.8	90.3	90.4	90.7	90.8	90.8	91.0	91.0	91.0	91.0
GE 700	59.7	79.5	83.0	86.2	90.0	90.9	91.6	92.1	92.2	92.5	92.7	92.7	92.8	92.8	92.9	92.9
GE 600	59.8	79.9	83.7	87.1	91.2	92.3	93.0	93.6	93.8	94.1	94.3	94.3	94.4	94.4	94.5	94.5
GE 500	59.8	80.3	84.1	87.7	92.3	93.7	94.8	95.6	95.8	96.2	96.5	96.6	96.8	96.8	96.8	96.8
GE 400	59.8	80.3	84.2	87.9	92.6	94.1	95.4	96.4	96.7	97.2	97.7	97.8	98.1	98.1	98.1	98.1
GE 300	59.8	80.3	84.2	87.9	92.7	94.3	95.6	96.7	97.1	97.7	98.2	98.3	98.8	98.8	98.9	99.0
GE 200	59.8	80.3	84.3	87.9	92.7	94.3	95.6	96.7	97.1	97.8	98.4	98.5	99.2	99.2	99.4	99.6
GE 100	59.8	80.3	84.3	87.9	92.7	94.3	95.6	96.7	97.1	97.8	98.4	98.6	99.3	99.3	99.5	99.9
GE 0	59.8	80.3	84.3	87.9	92.7	94.3	95.6	96.7	97.1	97.8	98.4	98.6	99.3	99.3	99.5	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: 745700 STATION NAME: WRIGHT-PATTERSON AFB OH

PERIOD OF RECORD: 75-85
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	32.5	40.5	42.3	43.8	45.2	45.7	46.1	46.4	46.4	46.5	46.6	46.6	46.7	46.7	46.7	46.8
GE 20000	35.9	45.2	47.3	49.3	50.6	51.1	51.6	51.9	52.0	52.1	52.2	52.2	52.3	52.3	52.3	52.4
GE 18000	36.0	45.3	47.5	49.2	50.7	51.3	51.8	52.1	52.2	52.3	52.4	52.4	52.4	52.4	52.5	52.5
GE 16000	36.0	45.3	47.5	49.2	50.8	51.4	51.8	52.1	52.2	52.3	52.4	52.4	52.5	52.5	52.5	52.6
GE 14000	36.2	45.7	47.9	49.5	51.2	51.8	52.2	52.6	52.7	52.8	52.9	52.9	52.9	53.0	53.0	53.0
GE 12000	37.0	46.7	49.0	50.8	52.4	53.0	53.4	53.8	53.9	54.0	54.1	54.1	54.1	54.1	54.2	54.2
GE 10000	38.8	49.3	51.7	53.6	55.3	56.0	56.5	56.8	56.9	57.0	57.1	57.1	57.2	57.2	57.3	57.3
GE 9000	39.0	49.7	52.2	54.1	55.8	56.4	56.9	57.3	57.4	57.5	57.6	57.6	57.6	57.7	57.7	57.7
GE 8000	41.1	52.6	55.2	57.3	59.1	59.8	60.3	60.6	60.7	60.9	60.9	60.9	61.0	61.0	61.1	61.1
GE 7000	42.0	53.9	56.6	58.7	60.6	61.3	61.8	62.2	62.3	62.4	62.5	62.5	62.6	62.6	62.6	62.7
GE 6000	42.6	54.8	57.5	59.7	61.6	62.3	62.9	63.2	63.3	63.5	63.6	63.6	63.6	63.7	63.7	63.7
GE 5000	44.4	57.3	60.2	62.5	64.5	65.2	65.8	66.2	66.3	66.4	66.5	66.5	66.6	66.6	66.6	66.7
GE 4500	45.7	59.2	62.2	64.5	66.7	67.5	68.0	68.4	68.6	68.7	68.8	68.8	68.9	68.9	68.9	69.0
GE 4000	47.2	61.5	64.7	67.3	69.6	70.4	71.0	71.4	71.6	71.7	71.8	71.8	71.9	71.9	71.9	72.0
GE 3500	48.5	63.5	66.9	69.5	72.0	72.8	73.4	73.9	74.0	74.1	74.2	74.2	74.3	74.3	74.4	74.4
GE 3000	50.3	66.2	69.8	72.7	75.4	76.2	76.9	77.4	77.5	77.7	77.8	77.8	77.9	77.9	77.9	78.0
GE 2500	52.2	69.3	73.2	76.3	79.1	80.0	80.8	81.3	81.4	81.6	81.7	81.7	81.8	81.8	81.8	81.9
GE 2000	53.7	71.8	75.9	79.1	82.1	83.1	83.9	84.5	84.6	84.8	84.9	84.9	85.0	85.0	85.1	85.1
GE 1800	54.1	72.5	76.6	79.8	82.9	83.9	84.8	85.3	85.5	85.7	85.8	85.8	85.9	85.9	86.0	86.0
GE 1500	55.1	74.6	79.0	82.5	85.9	87.0	87.9	88.5	88.7	88.9	89.0	89.0	89.1	89.2	89.2	89.3
GE 1200	55.5	75.9	80.5	84.1	87.8	89.0	89.9	90.6	90.8	91.0	91.1	91.1	91.3	91.3	91.3	91.4
GE 1000	55.8	76.7	81.5	85.5	89.4	90.7	91.8	92.5	92.7	93.0	93.2	93.2	93.3	93.3	93.4	93.4
GE 900	55.9	77.1	82.1	86.1	90.2	91.6	92.7	93.5	93.7	94.0	94.2	94.2	94.3	94.3	94.4	94.4
GE 800	55.9	77.5	82.6	86.8	91.1	92.6	93.8	94.6	94.9	95.2	95.5	95.5	95.6	95.6	95.7	95.7
GE 700	56.0	77.7	82.9	87.2	91.7	93.3	94.6	95.5	95.7	96.1	96.3	96.4	96.5	96.5	96.6	96.7
GE 600	56.0	77.8	83.1	87.5	92.1	93.8	95.2	96.2	96.4	96.9	97.1	97.1	97.3	97.3	97.4	97.5
GE 500	56.0	77.9	83.3	87.7	92.6	94.3	95.8	96.9	97.2	97.7	98.1	98.1	98.3	98.3	98.4	98.4
GE 400	56.0	78.0	83.3	87.8	92.7	94.5	96.1	97.2	97.6	98.2	98.5	98.6	98.8	98.8	98.9	99.0
GE 300	56.0	78.0	83.3	87.8	92.7	94.5	96.1	97.3	97.7	98.4	98.8	98.8	99.1	99.2	99.3	99.4
GE 200	56.0	78.0	83.3	87.8	92.7	94.5	96.1	97.4	97.8	98.4	98.9	99.0	99.3	99.4	99.5	99.6
GE 100	56.0	78.0	83.3	87.8	92.7	94.5	96.1	97.4	97.8	98.5	98.9	99.0	99.4	99.4	99.6	99.8
GE 0	56.0	78.0	83.3	87.8	92.7	94.5	96.1	97.4	97.8	98.5	98.9	99.0	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 87657

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AUTOMATIC STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

74970 WRIGHT-PATTERSON AFB OH 76-85 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN NO. OF TENTHS	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	17.0			9.5						10.5	63.0	7.5	927
	03-05	17.6			8.0						9.9	64.4	7.6	925
	06-08	13.2			12.5						11.2	63.0	7.7	925
	09-11	7.1			17.5						14.5	60.8	7.9	929
	12-14	6.4			17.4						20.2	56.0	7.9	926
	15-17	8.5			19.5						18.6	53.4	7.6	929
	18-20	12.4			16.1						14.4	55.2	7.4	930
	21-23	16.3			11.9						12.3	59.5	7.4	925
TOTALS		13.3			14.3						14.0	59.4	7.6	7416

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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

SKY COVER

4...0 ...GHT-PATTERSON AFB OH 76-85 FEB
STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	
		0	1	2	3	4	5	6	7	8	9	10		
F...	0-02	24.0			1...1						13.3	50.7	6.6	843
	...-05	23.2			12.6						8.9	55.3	6.7	841
	06-08	16.4			15.0						14.3	54.2	7.2	839
	...-11	...3			18.3						15.4	57.1	7.6	843
	12-14	...1			2...1						18.0	54.8	7.7	845
	1...-17	7.8			19.7						18.3	54.2	7.7	847
	1...-20	11.7			19.3						16.5	52.5	7.3	849
	21-23	1...9			13.9						15.8	51.4	7.0	848
TOTALS		14...			16.4						15.1	53.8	7.2	6755

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

4[illegible]0 WRIGHT-PATTERSON AFB OH 76-85 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS	TOTAL NO. OBS
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	00-02	4.7			12.1						12.0	51.1	6.6	923
	3-05	22.9			11.3						11.2	54.7	6.8	918
	06-08	14.1			16.2						15.2	52.4	7.2	919
	09-11	10.3			19.2						18.2	52.5	7.5	927
	12-14	7.7			19.6						19.0	52.7	7.6	930
	15-17	8.2			16.9						22.0	52.9	7.8	930
	18-20	4.4			20.8						20.9	50.0	7.5	930
	21-23	21.5			15.4						13.4	49.7	6.6	930
TOTALS		14.			16.7						16.5	52.0	7.2	7407

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

AL CLIMATOLOGY BRANCH
ETAC
AI EATHER SER ICE/MAC

SKY COVER

4 3 | WRIGHT-PATTERSON AFB OH | 76-85 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF	TOTAL NO. OF
		0	1	2	3	4	5	6	7	8	9	10		
P	00-02	30.5			17.3						15.4	40.8	5.9	896
	3-05	30.5			16.3						11.5	41.6	5.7	894
	06-08	16.3			22.9						16.9	43.9	6.6	886
	09-11	12.5			23.8						19.1	45.3	6.9	896
	12-14	.3			22.6						24.0	45.1	7.3	900
	15-17	5.8			22.8						25.0	46.4	7.6	900
	18-20	.2			27.2						21.9	43.7	7.2	900
	21-23	25.3			19.5						15.4	39.9	6.3	899
TOTALS		17.1			21.1						18.5	43.3	6.7	7171

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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

SKY COVER

74 | 8 | WRIGHT-PATTERSON AFB OH | 76-85 | MAY
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
M	0-0[illegible]	31.5			17.6						15.2	35.7	5.5	921
	0-05	2 .5			20.6						13.3	37.6	5.6	917
	0[illegible]-0[illegible]	16.0			25.5						19.2	39.3	6.4	917
	[illegible]-11	12.3			27.3						21.1	39.3	6.6	927
	1[illegible]-14	5.5			28.9						25.7	39.9	7.2	930
	1[illegible]-17	3.5			28.2						28.5	39.8	7.4	930
	1 -2	6.[illegible]			34.6						21.6	37.5	6.7	928
	1-23	23.8			25.3						16.4	34.5	5.7	925
TOTALS		15.[illegible]			26.0						20.1	38.0	6.4	7395

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

4937 0 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
75-84 — PERIOD
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	0-02	32.6			24.0						17.1	26.3	4.9	889
	03-05	24.3			29.1						17.9	28.7	5.3	879
	06-08	14.3			28.1						23.3	34.3	6.4	887
	09-11	11.4			30.2						25.5	32.9	6.5	894
	12-14	4.6			32.4						31.4	31.6	7.0	900
	15-17	3.9			33.7						33.0	29.4	6.9	900
	18-20	9.4			37.1						26.9	26.6	6.2	900
	21-23	22.2			31.6						18.5	28.8	5.5	893
TOTALS		13.3			31.7						24.2	29.8	6.1	7142

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

4557 0	WRIGHT-PATTERSON AFB OH	75-84	JUL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBSERVATIONS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	0-02	33.3			26.4						18.2	22.2	4.6	898
	03-05	26.3			30.0						18.5	25.2	5.1	880
	06-08	14.2			36.2						21.5	28.2	5.9	890
	09-11	11.9			36.7						21.2	30.2	6.0	918
	12-14	2.4			39.7						29.6	28.4	6.7	930
	15-17	1.9			36.7						33.9	27.5	6.9	930
	18-20	6.1			41.2						28.0	24.7	6.2	920
	21-23	23.2			34.7						21.1	20.9	5.0	913
TOTALS		14.-			35.2						24.0	25.9	5.8	7279

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE / AC

SKY COVER

4237.0 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 75-84 PERIOD | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
	00-02	32.2			23.0						16.7	28.1	5.0	918
	03-05	2.9			23.4						15.3	32.4	5.3	902
	06-08	15.4			27.5						22.7	34.4	6.3	898
	09-11	11.3			29.9						25.4	33.7	6.6	926
	12-14	3.1			33.9						32.8	30.2	7.0	930
	15-17	2.2			35.7						31.1	31.1	7.0	930
	18-20	6.4			39.3						23.9	30.5	6.4	929
	21-23	23.5			30.1						20.7	25.6	5.3	926
TOTALS		14.3			30.4						23.6	30.9	6.1	7359

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

74570 WRIGHT-PATTERSON AFB OH 75-84 SEP
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
	00-02	40.4			16.7						15.6	25.3	4.5	877
	03-05	37.0			19.4						13.7	29.9	4.8	846
	06-08	21.2			26.9						18.5	33.5	5.8	840
	09-11	16.3			29.8						21.4	32.5	6.1	883
	12-14	13.3			32.6						27.3	29.8	6.4	899
	15-17	10.4			37.4						25.8	26.3	6.1	900
	18-20	16.4			37.2						20.8	25.6	5.5	900
	21-23	37.2			21.8						15.7	25.3	4.6	894
TOTALS		23.1			28.0						19.9	28.5	5.5	7039

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

...AL CLIMATOLOG... BRANCH
...ETAC
A... EATHER SERVIC... MAC

SKY COVER

4 7 2 — WRIGHT-PATTERSON AFB OH — 75-84 — OCT
STATION — STATION NAME — PERIOD — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
	00-02	34.4			15.8						12.0	37.8	5.3	917
	03-05	31.[illegible]			14.7						13.2	40.2	5.6	896
	06-08	17.4			23.6						19.1	39.9	6.4	893
	09-11	13.9			24.9						20.8	40.3	6.7	918
	12-14	10.[illegible]			27.7						25.2	36.2	6.7	930
	15-17	11.6			24.8						24.4	39.2	6.9	928
	18-20	16.[illegible]			26.0						22.0	35.2	6.3	930
	21-23	30.1			22.1						12.9	35.0	5.3	924
TOTALS		20.[illegible]			22.5						18.7	38.[illegible]	6.2	7336

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

4270 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
75-84 — PERIOD
NOV — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (EST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NO	0-02	25.-			13.6						11.8	48.6	6.3	887
	03-05	23.2			12.9						15.7	48.2	6.6	876
	06-08	16.6			18.1						14.3	51.0	6.9	882
	09-11	10.3			20.1						19.4	50.2	7.4	892
	12-14	6.6			24.8						19.8	48.8	7.4	898
	15-17	8.0			21.5						24.1	46.4	7.5	898
	18-20	17.3			18.9						14.8	49.0	6.9	900
	21-23	24.6			12.6						12.9	49.9	6.5	899
TOTALS		1-.6			17.8						16.6	49.0	6.9	7134

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

SKY COVER

427 0 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 75-84 PERIOD | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS COVER	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
D C	00-02	17.4			13.2						11.7	57.8	7.2	927
	03-05	1 .9			11.7						11.7	57.6	7.2	929
	06-08	14.3			13.5						10.9	61.3	7.5	927
	09-11	5.7			16.4						17.7	59.2	8.0	927
	12-14	6.2			19.3						18.2	56.6	7.9	930
	15-17	6.			16.8						20.4	56.8	8.0	930
	18-20	11.5			18.8						12.5	57.2	7.4	930
	21-23	17.5			11.9						11.5	59.3	7.3	930
TOTALS		1 .3			15.2						14.3	58.2	7.6	7430

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

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

SKY COVER

...7.0 — WRIGHT-PATTERSON AFB OH — 75-85 — ALL
STATION — STATION NAME — PERIOD — YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF [illegible]	TOTAL NO. OF [illegible]
		0	1	2	3	4	5	6	7	8	9	10		
J...	ALL	1...3			14.3						14.0	59.4	7.6	7416
F		14..			16.4						15.1	53.8	7.2	6755
M...		14..			16.7						16.5	52..	7.2	7407
A		1...1			21.1						18.5	43.3	6.7	7171
M...		1...			26.3						20.1	38.3	6.4	7395
J...		1...3			30.7						24.2	29.8	6.1	7142
J		14..			35.2						24.0	25.9	5.8	7279
A...		1...3			3...4						23.6	30.8	6.1	7359
S...		23.7			28.0						19.9	28.5	5.5	7039
O...		20..			22.5						18.7	38.3	6.2	7336
N...		1...6			17.8						16.6	49.3	6.9	7134
D...		1...3			15.2						14.3	58.2	7.6	7430
TOTALS		1...2			22.9						18.8	42.2	6.6	86863

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperature data, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on data entry pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

These tables have been temporarily discontinued for the Russwo pending the arrival of RUSSWO-2 in mid 1986.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] SERVICE/MAC
[illegible] STATION [illegible] STATION NAME [illegible] AFB OH 55-85 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.2	.3	.1	.2	[illegible]	[illegible]	[illegible]	.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1	1.4	4.8	3.3	1.4	[illegible]	[illegible]	[illegible]	.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.1	14.5	22.5	15.5	7.2	.1	[illegible]	[illegible]	5.2
[illegible]	[illegible]	[illegible]	[illegible]	1.2	10.3	35.3	53.4	43.9	21.8	1.7	[illegible]	[illegible]	14.5
[illegible]	[illegible]	[illegible]	.2	5.9	25.9	52.5	71.7	75.2	42.4	9.2	.1	[illegible]	25.3
[illegible]	[illegible]	[illegible]	1.2	15.3	42.7	72.9	95.3	92.9	62.4	22.4	1.1	[illegible]	35.1
[illegible]	.1	.4	7.7	28.5	61.2	93.1	99.5	98.7	83.2	38.2	5.2	.3	43.3
[illegible]	.7	1.7	15.2	42.5	78.3	98.2	100.3	100.5	92.1	55.3	13.7	1.3	52.1
[illegible]	3.5	6.5	24.3	58.1	89.9	99.4	[illegible]	[illegible]	97.3	72.5	25.5	6.2	57.1
5	6.1	12.3	35.3	72.2	96.3	100.3	[illegible]	[illegible]	99.3	85.5	39.3	13.3	63.7
[illegible]	14.3	21.7	47.5	83.5	98.3	[illegible]	[illegible]	[illegible]	99.9	93.4	53.3	21.3	69.7
4	23.3	31.7	60.5	91.9	99.7	[illegible]	[illegible]	[illegible]	100.3	98.3	68.3	32.5	75.7
[illegible]	34.5	43.3	74.7	97.8	100.3	[illegible]	[illegible]	[illegible]	[illegible]	99.5	81.9	47.2	81.8
3	51.1	56.2	87.9	99.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.3	93.3	66.5	88.7
[illegible]	6 .9	74.1	95.5	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.2	83.1	93.5
2	7 .9	88.5	9 .5	100.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.2	92.3	96.5
[illegible]	.1	94.3	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9	96.4	98.4
1	5.7	98.1	10 .3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.3	98.8	99.4
[illegible]	8.1	99.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	99.5
[illegible]	9.2	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9	99.9
[illegible]	9.7	10 .3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9	100.3
[illegible]	9.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.3	100.3
-1	10.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.3
MEAN	30.4	31.1	49.5	61.9	72.3	81.6	88.9	83.7	77.1	65.8	51.1	39.9	61.9
S D	14.9	12.2	13.0	11.7	9.7	7.4	5.8	5.9	8.8	11.2	11.5	11.3	22.4
TOTAL OBS	1457	1352	1488	1440	1488	1413	1457	1457	1413	1457	1413	1457	17293

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AG CLIMATOLOGY BRANCH
TAC
CAT UP SERVICEMAC

DAILY TEMPERATURES

STATION [redacted] STATION NAME WRIGHT-PATTERSON AFB OH 26-35 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DE	ANNUAL
						1.0	2.5	1.4	.1				.4
				.1	.4	15.5	22.4	15.5	4.3	.1			4.5
				.6	5.5	35.2	54.4	43.9	18.5	1.3			17.4
	.1		.2	4.3	20.2	55.7	78.8	65.8	34.5	5.6	.9	.1	32.7
	.1	.1	2.4	12.9	35.4	77.5	93.5	87.5	52.1	15.0	3.3	.5	50.2
	.5	.4	5.5	21.5	58.2	94.7	99.2	97.3	72.5	27.8	7.9	1.5	65.7
4	3.1	2.1	10.7	35.3	77.4	99.2	100.0	99.7	88.3	43.1	15.8	4.1	75.5
	4.1	2.5	19.5	53.5	92.9	100.0		100.0	95.5	58.4	26.9	9.5	86.4
8	8.2	15.3	33.9	74.2	97.5				99.5	85.9	45.4	19.0	95.1
	15.3	19.7	42.7	81.8	98.7				99.8	91.4	56.2	25.1	99.3
	24.1	29.5	56.2	91.8	99.7				99.9	95.2	68.1	35.2	75.3
2	41.9	44.1	77.2	95.2	100.0				100.0	99.1	85.8	56.5	94.1
	58.3	65.7	90.0	99.9						100.0	95.2	72.5	98.3
1	87.1	77.1	95.6	100.0							98.7	84.1	98.8
	96.6	90.4	97.9								99.5	91.3	99.5
	97.8	92.2	99.3								99.9	95.1	99.9
	99.4	95.7	99.8								100.0	98.4	99.1
	99.4	98.3	100.0									99.2	99.7
-10	99.9	99.9										99.9	99.9
-15	99.7	100.0										100.0	100.0
-20	100.0												100.0
MEAN	20.4	22.2	31.4	41.4	51.4	61.9	66.5	62.7	55.3	44.3	34.4	25.4	42.8
S D	12.433	11.463	10.263	9.490	8.636	7.243	5.999	6.653	8.835	9.189	9.631	11.358	17.993
TOTAL OBS	1457	1352	1488	1440	1483	1412	1457	1457	1412	1457	1412	1457	17233

USAFETAC FORM JUL 64 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] [illegible] SERVICE/MAC
STATION [illegible] STATION NAME [illegible]-PATTERSON AFB OH 66-85 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN'L
						.9.	2.6.	1.2.	.1.				.4
					.3.	13.9.	20.3.	14.3.	4.3.				4.1
				.4.	5.2.	35.4.	53.5.	44.5.	18.4.	.9.			18.4
			.1.	3.0.	21.3.	61.7.	84.1.	75.6.	37.3.	4.2.	.3.		34.1
	.1.		1.5.	11.8.	41.5.	82.3.	96.7.	92.9.	68.7.	15.6.	1.4.	.1	53.7
	.3.	.3.	5.4.	24.5.	61.4.	95.4.	99.9.	99.4.	79.5.	33.2	5.7.	.5	62.3
	.9.	1.1.	12.7.	38.6.	79.9.	99.3.	100.0.	99.9.	93.2.	52.4.	13.5.	2.5	69.7
	.1.	4.4.	21.3.	56.3.	92.3.	100.0.		100.0.	98.4.	73.2.	25.5.	5.5	85.9
	7.8.	12.1.	34.5.	75.8.	96.5.				99.3.	88.9.	42.1.	14.5	94.7
	1.5.	23.5.	51.6.	89.7.	99.7.				100.0.	95.9.	61.3.	25.7	72.3
	2.3.	35.9.	69.7.	97.2.	100.0.					99.4.	78.5.	42.5	79.8
	4.2.	51.5.	86.5.	99.6.						100.0.	92.5.	62.5	87.4
	13.7.	72.5.	94.5.	99.9.							97.9.	79.5	92.5
	24.8.	84.5.	97.7.	100.0.							99.1.	89.5	96.5
	35.2.	91.3.	99.3.								99.7.	94.5	97.5
	3.3.	96.3.	99.9.								100.0.	97.7	98.9
	7.3.	99.3.	100.0.									99.5	99.7
	9.1.	99.9.										99.8	99.9
	9.3.	100.0.										99.9	99.9
-1	9.9.											100.0	100.0
-1	10.0.												100.0
MEAN	.0.	31.2.	4.6.	51.8.	62..	71.9.	74.9.	73.4.	55.4.	35.2.	42.9.	32.6	52.5
S D	11.85	11.21	10.990	9.664	8.415	6.549	5.245	5.572	7.999	8.621	9.2541	9.990	13.345
TOTAL OBS	1457	1352	1488	1440	1493	1413	1457	1457	1413	1457	1413	1457	17293

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

74 7 3 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
38-85 — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
7		7	92	84	93	90	94	92	92	86	77	66	
2	64	69	82	82	93	93	95	93	100	91	66	62	100
		3	72	91	86	92	99	96	96	83	69	64	99
1	64	67	61	66	94	96	100	97	96	83	72	66	100
2	66	6	76	89	92	92	97	92	90	83	74	62	97
3	72	64	76	74	86	94	94	94	96	82	73	66	96
4	64	7	76	77	91	102	99	96	90	84	76	63	102
5	61	66	81	82	84	94	94	96	96	77	74	67	96
6	69	63	76	80	82	91	96	89	93	89	77	66	96
7	64	66	68	80	82	91	90	97	91	86	82	68	97
8	66	67	78	86	84	96	96	99	96	76	68	64	99
9	61	63	76	76	94	93	94	94	93	86	73	66	94
10	72	64	77	76	86	91	89	89	86	82	80	66	91
11	62	68	67	82	89	93	96	102	89	91	68	68	102
12	66	67	70	82	91	98	102	96	92	88	78	66	102
13	64	62	74	76	92	99	96	93	99	88	72	63	99
14	66	70	67	83	87	96	101	96	102	84	70	66	102
15	62	66	72	80	87	88	97	93	94	79	73	62	98
16	67	68	70	80	87	94	97	96	89	82	73	70	97
17	64	74	71	84	86	94	98	94	94	76	66	60	98
18	61	64	66	82	86	90	90	89	90	79	77	67	90
19	64	64	74	79	88	94	92	94	93	87	75	66	94
20	68	67	73	87	84	87	91	92	96	84	70	62	96
21	66	69	73	78	82	92	92	89	96	78	76	68	92
22	61	66	76	66	92	93	90	99	98	81	64	64	99
23	68	64	79	81	88	93	91	93	86	88	67	67	93
24	61	66	71	82	91	93	96	100	96	80	74	66	100
25	63	62	68	77	82	91	98	96	96	79	73	68	98
26	66	69	74	77	84	94	96	87	87	78	68	67	96
27	71	62	78	68	87	92	96	91	87	86	61	67	92
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

EXTREME VALUES

...XIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

...-7-0 STATION ...1941-PATTERSON AFB OH STATION NAME 58-85 YEARS

...OLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
5	[illegible]	81	79	77	91	95	94	93	89	83	77	69	95
6	64.	66.	73.	84.	91.	92.	93.	91.	92.	82.	80.	68.	93.
	60	69	81	85	87	93	95	92	91	84	69	67	95
	67.	66.	72.	82.	84.	101.	91.	91.	89.	85.	73.	70.	101.
	69	71	72	80	87	88	94	95	89	74	69	64	95
	61.	66.	76.	79.	78.	89.	90.	91.	92.	81.	69.	62.	92.
	61	69	78	80	89	87	91	87	85	77	72	66	91
	62.	62.	72.	74.	87.	91.	94.	93.	86.	83.	79.	67.	94.
	67	74	81	87	89	93	99	93	85	77	69	64	99
7	64.	67.	81.	86.	89.	92.	97.	91.	93.	82.	78.	66.	97.
7	64	71	77	78	87	93	93	88	90	75	70	61	93
7	67.	69.	71.	75.	87.	90.	94.	92.	87.	82.	68.	63.	92.
	69	69	66	83	89	91	101	93	90	81	71	67	101
	66.	67.	80.	81.	83.	89.	96.	87.	86.	78.	74.	66.	96.
	62	67	76	76	86	87	91	91	89	84	71	74	91
	66.	67.	78.	76.	78.	94.	97.	98.	94.	83.	71.	69.	98.
6	69	67	66	83	75	87	96	91	96	78	70	66	97
	63.	66.	73.	87.	86.								

MEAN	51.1	51.1	73.1	80.2	86.2	92.7	94.5	93.1	90.3	81.3	71.1	61.3	95.4
S D	7.37	7.56	5.895	3.704	3.824	3.303	2.372	3.593	4.173	4.543	4.938	5.474	3.395
TOTAL OBS	1457	1352	1488	1442	1488	1412	1457	1457	1412	1457	1412	1457	17253

NOTES * (BASED ON LESS THAN FULL MONTHS)

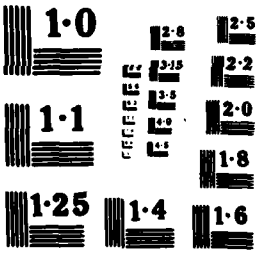
USAF ETAC FORM AA 64 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

AD-A159 636 WRIGHT-PATTERSON AFB OHIO REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 85

UNCLASSIFIED USAFETAC/DS-85/050 F/G 4/2 NL




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

...L CLIMATOLOGY BRANCH
USAFETAC
AI... WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

[redacted] STATION [redacted] STATION NAME 38-85 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[redacted]	[redacted]	11	18	26	2>	46	53	50	4>	2>	8	6	
[redacted]	1	-5	13	22	32	51	47	47	3>	23	18	1	-5
[redacted]	-17	3	8	2>	31	43	45	42	32	28	18	9	-17
[redacted]	[redacted]	6	7	29	34	47	49	50	41	29	22	14	4
[redacted]	-7	2	25	28	3>	49	50	46	2>	24	20	-9	-9
[redacted]	[redacted]	[redacted]	-1	23	2>	44	50	48	3>	29	17	2	-1
[redacted]	7	-4	12	22	34	45	51	47	40	25	22	2	-4
[redacted]	-1	2	27	29	32	41	50	47	45	32	20	-1	-1
[redacted]	[redacted]	3	23	29	3>	46	52	40	41	31	22	14	3
[redacted]	[redacted]	-2	18	30	31	47	48	55	3>	34	12	[redacted]	-2
[redacted]	-11	-8	2	30	3>	46	54	50	43	27	25	[redacted]	-11
[redacted]	[redacted]	12	15	29	37	46	52	52	3>	32	22	[redacted]	4
[redacted]	1	4	8	21	37	48	50	46	36	33	5	-5	-5
[redacted]	[redacted]	-11	18	31	42	47	54	49	34	31	17	-1	-11
[redacted]	[redacted]	15	19	29	38	48	52	47	41	29	15	11	8
[redacted]	[redacted]	13	16	25	44	46	53	50	41	33	24	1	1
[redacted]	[redacted]	17	16	26	34	45	55	51	42	30	24	10	8
[redacted]	[redacted]	1	13	27	33	51	51	55	42	32	[redacted]	7	-2
[redacted]	[redacted]	10	15	30	37	47	57	50	36	33	11	20	5
[redacted]	[redacted]	11	17	22	31	50	57	51	40	31	23	[redacted]	-1
[redacted]	[redacted]	-4	25	30	41	49	59	49	42	34	1	-7	-7
[redacted]	-7	[redacted]	17	33	3>	50	53	56	3>	32	12	13	-7
[redacted]	[redacted]	10	1	25	3>	50	54	58	4>	27	22	-4	-4
[redacted]	[redacted]	[redacted]	22	27	32	46	56	56	40	27	20	[redacted]	-8
[redacted]	-7	3	10	27	41	50	52	50	34	20	23	-1	-7
[redacted]	-16	-6	11	29	33	47	54	51	35	33	25	-9	-16
[redacted]	-4	10	13	18	39	50	53	42	33	24	12	4	-4
[redacted]	-7	-4	14	21	41	50	53	42	33	23	21	17	-7
[redacted]	-8	4	16	26	2>	40	5>	51	42	26	17	3	-8
[redacted]	[redacted]	-1	[redacted]	26	33	48	52	48	36	26	13	[redacted]	-1
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

[illegible] STATION — WRIGHT-PATTERSON AFB OH STATION NAME — [illegible] YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
5	-7	1	11	[illegible]	33	54	52	48	45	29	25	7	-7
6	[illegible]	12.	12.	30.	37.	44.	50.	53.	42.	25.	18.	10.	1
[illegible]	-9	-5	12	24	34	45	49	54	37	30	12	8	-9
[illegible]	[illegible]	-3.	16.	27.	34.	50.	56.	49.	42.	34.	17.	15.	-3
[illegible]	-1	-2	13	16	37	40	45	47	41	24	21	1	-13
[illegible]	5.	[illegible]	25.	25.	35.	52.	54.	49.	42.	35.	22.	11.	2
[illegible]	1	10	6	27	35	48	51	56	35	25	23	17	1
[illegible]	11.	1.	16.	25.	33.	47.	55.	55.	37.	31.	22.	12.	1
6	-	3	20	25	35	50	55	45	41	22	12	-2	-2
7	-14	-8	21	27.	37.	48	56.	51.	44.	28.	17.	0.	-18
7	-5	-6	2	30	34	46	53	51	44	30	27	12	-6
7	-4	-5	16.	23.	32.	47.	51.	47.	42.	31.	24.	12.	-5
[illegible]	11	7	2	30	35	45	57	59	41	25	18	1	1
[illegible]	-2.	-4.	21.	29.	37.	48.	52.	52.	39.	28.	19.	2.	-4
[illegible]	-15	-6	15	20	43	47	51	48	45	31	19	17	-15
[illegible]	5.	13.	19.	26.	35.	46.	49.	54.	35.	29.	24.	-11.	-11
[illegible]	-16	7	-4	28	37	49	53	53	40	35	15	7	-16
[illegible]	-16.	-9.	21.	26.	41.								
MEAN	-1.#	2.2	13.3	25.2	35.4	47.4	52.5	49.9	53.3	28.5	18.3	5.3#	-4.5
S D	9.593	7.387	7.206	3.595	4.033	3.125	3.633	4.132	3.893	3.977	5.703	7.331	5.217
TOTAL OBS.	1457	1352	1488	1440	1488	1410	1457	1457	1410	1457	1410	1457	17293

NOTES # (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

[illegible] (AT LEAST ONE DAY LESS THAN 24 OBS)

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

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

4...0 — STATION
RIGHT-PATTERSON AFB OH — STATION NAME
75-85 — YEARS

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ANNUAL
...-02	MEAN	22.	27.0	38.0	47.8	56.7	65.3	69.5	67.8	60.6	49.5	40.8	31.6	48.2
	S.D.	12.221	13.75	11.666	10.541	8.565	6.950	5.847	6.072	8.334	9.354	10.903	12.661	18.492
	TOTAL OBS	930	849	929	900	930	900	929	930	900	930	900	930	10957
...-05	MEAN	21.	25.6	36.4	45.7	54.5	63.2	67.4	65.9	58.5	47.9	39.7	31.1	45.5
	S.D.	12.562	14.092	11.650	10.639	8.755	7.197	6.145	6.535	8.535	9.634	10.740	12.769	18.231
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	930	10959
...-08	MEAN	1.	24.7	35.8	46.0	56.2	65.6	69.2	66.8	58.7	47.4	38.9	30.5	45.5
	S.D.	12.566	14.425	11.613	10.717	8.853	7.325	6.199	6.570	8.535	9.622	10.893	12.847	19.053
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	930	10959
-11	MEAN	22.5	2...8	40.3	53.1	64.7	73.5	77.3	74.9	67.1	54.4	43.3	32.6	52.5
	S.D.	12.298	14.279	11.946	11.480	9.522	7.432	6.035	6.778	8.250	9.132	11.016	12.622	21.014
	TOTAL OBS	930	849	930	900	930	899	930	929	900	930	900	930	10957
1...-14	MEAN	25.	33.5	45.9	58.2	69.3	78.3	81.9	80.1	73.2	60.5	49.3	38.3	57.7
	S.D.	11.356	14.197	13.133	12.462	10.284	7.472	6.533	6.049	8.736	9.850	11.846	12.536	21.496
	TOTAL OBS	930	848	930	900	930	900	930	929	900	930	900	930	10957
...-17	MEAN	30.7	34.9	47.5	59.7	70.5	79.2	83.0	81.2	74.6	61.2	49.8	38.5	59.5
	S.D.	11.917	13.965	13.447	12.535	10.185	7.377	6.447	6.336	8.728	10.130	11.629	12.563	21.556
	TOTAL OBS	930	849	930	900	930	900	929	929	900	930	899	930	10956
-20	MEAN	24.4	32.0	44.3	55.2	67.1	75.8	79.5	77.1	69.3	55.9	44.8	34.0	55.1
	S.D.	10.933	13.172	12.463	11.750	9.521	6.917	6.397	6.881	8.400	9.259	10.893	12.380	20.545
	TOTAL OBS	93	849	930	900	928	900	930	930	900	930	900	930	10957
21-23	MEAN	23.0	29.0	40.6	51.0	60.6	69.1	73.1	70.9	63.4	51.8	42.0	32.6	50.7
	S.D.	11.321	13.233	11.702	10.487	9.592	6.596	5.750	5.664	8.077	8.996	10.892	12.693	19.151
	TOTAL OBS	93	849	930	900	927	900	930	930	900	930	900	930	10956
ALL HOURS	MEAN	23.5	29.4	41.1	52.2	62.4	71.3	75.1	73.1	65.7	53.6	43.3	33.2	52.1
	S.D.	11.94	14.310	12.837	12.469	11.033	9.259	8.395	8.316	10.334	10.730	11.672	12.836	20.514
	TOTAL OBS	744	6791	7439	7200	7435	7199	7438	7437	7200	7440	7199	7440	87658

USAF ETAC FORM OCT 78 0-89-5 (OL A)

[illegible] CLIM TOLOGY BRANCH
[illegible] ETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

HOURLY TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

47[illegible]	WRIGHT-PATTERSON AFB OH	75-85
STATION	STATION NAME	YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	2[illegible]	24.9	34.8	43.4	52.0	60.6	65.5	64.3	57.1	46.9	37.4	29.3	44.[illegible]
	S D	11.776	12.743	13.537	9.339	8.155	6.563	5.739	5.927	8.073	9.200	13.164	12.084	17.535
	TOTAL OBS	930	849	929	900	930	900	929	925	900	930	900	930	10952
3-05	MEAN	20.3	23.[illegible]	33.7	42.0	50.[illegible]	59.4	64.1	63.0	55.7	44.7	35.[illegible]	28.7	43.[illegible]
	S D	12.192	13.152	13.669	9.696	8.548	6.815	6.045	6.463	8.315	9.398	13.137	12.217	17.602
	TOTAL OBS	930	849	930	900	930	900	930	924	897	930	899	930	10949
6-08	MEAN	19.[illegible]	23.1	33.3	42.4	51.[illegible]	60.[illegible]	65.2	63.7	56.[illegible]	44.4	36.1	28.3	43.[illegible]
	S D	12.332	13.581	13.659	9.700	8.443	6.628	5.872	6.401	8.364	9.476	13.302	12.379	18.089
	TOTAL OBS	930	849	930	900	930	900	930	928	896	930	900	930	10955
9-11	MEAN	23.[illegible]	25.9	36.6	45.5	56.4	64.8	69.1	67.9	60.7	49.0	39.3	30.1	47.4
	S D	11.929	13.073	13.443	9.514	8.155	6.315	5.244	5.340	7.639	8.493	13.181	12.101	18.500
	TOTAL OBS	930	848	930	900	930	899	930	929	900	930	900	930	10956
12-14	MEAN	23.3	27.8	39.7	49.1	58.4	66.3	70.4	69.5	62.8	52.0	42.4	32.5	49.5
	S D	11.752	12.178	13.636	9.585	7.961	6.052	5.352	5.279	7.575	8.524	13.329	11.760	17.995
	TOTAL OBS	930	847	930	900	930	899	930	929	900	930	900	930	10955
15-17	MEAN	24.0	30.7	40.5	49.9	58.7	66.4	70.5	69.5	63.1	52.0	42.4	32.8	50.1
	S D	12.290	11.811	13.574	9.522	7.643	5.855	5.055	5.042	7.460	8.454	13.231	11.759	17.728
	TOTAL OBS	930	849	930	900	930	899	928	927	900	930	899	930	10952
18-20	MEAN	22.3	27.8	38.8	48.1	57.2	65.0	69.4	68.3	61.3	49.5	40.0	31.1	48.4
	S D	13.471	11.678	13.219	9.258	7.633	5.819	5.061	5.146	7.521	8.542	13.399	11.393	17.894
	TOTAL OBS	930	849	930	900	928	900	930	930	900	930	900	930	10957
21-23	MEAN	21.1	26.7	36.6	46.4	54.3	62.5	67.3	66.0	58.8	47.3	38.2	30.0	46.3
	S D	12.866	12.182	13.287	9.314	7.893	6.149	5.352	5.523	7.774	8.758	13.153	12.171	17.637
	TOTAL OBS	93	849	930	900	927	900	930	930	900	930	900	930	10956
ALL HOURS	MEAN	21.[illegible]	25.7	36.7	45.8	55.0	63.2	67.7	66.5	59.4	48.1	39.1	30.3	46.[illegible]
	S D	11.436	12.833	13.803	9.375	8.593	6.786	5.951	6.174	8.322	9.303	13.441	12.143	18.041
	TOTAL OBS	744[illegible]	6789	7439	72[illegible]	7435	7197	7437	7422	7195	7440	7198	7440	87632

USAF ETAC FORM OCT 78 0-89-5 (OL A)

SL HAL CLIMATOLOGY BRANCH
ETAC
AI WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION	STATION NAME	YEARS
[illegible]	RIGHT-PATTERSON AFB OH	75-85

HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0-02	MEAN	15.4	17.9	29.8	38.3	47.3	57.4	63.0	62.2	54.5	41.8	32.5	24.0	40.5
	S D	14.030	13.752	11.529	10.434	9.456	7.307	6.395	6.604	8.657	10.550	11.214	13.957	19.105
	TOTAL OBS	930	849	929	900	931	900	929	925	900	930	900	930	10952
03	MEAN	14.1	19.0	29.3	37.5	47.0	56.7	62.1	61.2	53.5	41.0	32.1	23.5	39.9
	S D	14.523	14.316	11.644	10.707	9.743	7.357	6.558	6.951	8.976	10.593	11.159	14.144	19.197
	TOTAL OBS	930	849	930	900	931	900	930	924	897	930	899	930	10949
04-05	MEAN	14.3	19.7	29.0	38.0	48.1	57.7	62.9	61.8	53.7	40.9	31.7	23.5	40.1
	S D	14.675	14.738	11.623	10.564	9.563	7.210	6.389	6.389	8.893	10.593	11.445	14.362	19.547
	TOTAL OBS	930	849	930	900	931	900	930	928	898	930	900	930	10956
06-08	MEAN	15.2	20.7	30.5	39.4	49.7	59.2	64.5	64.0	56.3	43.5	34.1	24.8	41.9
	S D	14.29	14.113	11.592	11.015	10.169	7.692	6.639	6.585	9.007	10.899	11.389	14.150	19.679
	TOTAL OBS	930	848	930	900	931	899	930	929	900	930	900	930	10956
09-11	MEAN	16.5	22.8	31.3	39.9	49.3	59.0	64.3	63.7	55.7	44.0	35.0	25.5	42.4
	S D	13.246	13.175	11.935	11.416	10.293	8.009	7.123	7.149	9.674	10.752	11.435	14.150	19.150
	TOTAL OBS	930	847	930	900	931	899	930	929	900	930	900	930	10956
12-14	MEAN	16.1	23.1	31.6	40.0	49.2	58.5	64.0	63.2	55.2	43.3	34.5	25.6	42.2
	S D	12.829	12.687	11.974	11.457	10.234	8.117	7.095	7.131	9.842	10.843	11.953	14.334	18.928
	TOTAL OBS	930	849	930	900	931	899	928	927	900	930	899	930	10952
15-17	MEAN	15.6	22.3	31.2	39.5	49.2	58.0	64.0	63.3	55.7	43.0	33.7	25.3	41.8
	S D	13.705	12.787	11.455	11.077	10.121	8.087	6.933	6.850	9.242	10.550	11.652	14.273	19.059
	TOTAL OBS	930	849	930	900	928	900	930	930	900	930	900	930	10957
18-20	MEAN	15.1	21.4	30.9	39.2	48.9	58.1	64.1	63.2	55.4	42.5	32.9	24.5	41.5
	S.D.	13.184	13.324	11.343	10.410	9.564	7.398	6.218	6.376	8.719	10.398	11.334	14.328	19.178
	TOTAL OBS	93	849	930	900	927	900	930	930	900	930	900	930	10956
ALL HOURS	MEAN	15.5	21.0	30.5	39.0	48.3	58.1	63.5	62.8	55.0	42.5	33.3	24.6	41.3
	S.D.	13.754	13.738	11.677	10.921	9.942	7.692	6.710	6.892	9.202	10.605	11.555	14.238	19.245
	TOTAL OBS	7442	6789	7439	7200	7435	7197	7437	7422	7195	7442	7193	7440	87632

USAF ETAC FORM OCT 78 0-89-5 (OL A)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAFETAC FORM 0-87-5 (OL A) JUL 64

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	-02											
	-05											
	-08											
	-11											
	11-14											
	14-17											
	17-20											
	20-23											
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
TOTALS												

USAFETAC FORM 0-87-5 (OL A) JUL 64

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	0-3	100.0	100.0	100.0	100.0	100.0	94.5	91.7	78.1	40.5	89.7	744
	3-6	100.0	100.0	100.0	100.0	100.0	99.5	96.1	77.5	15.3	88.1	744
	6-9	100.0	100.0	100.0	100.0	100.0	99.5	93.5	72.7	15.5	84.1	744
	9-11	100.0	100.0	99.9	99.4	92.5	75.5	50.7	23.7	3.7	69.7	744
	11-14	100.0	100.0	99.5	92.9	69.2	41.5	23.7	9.1	1.2	63.0	744
	14-17	100.0	100.0	99.4	95.4	69.8	43.1	18.0	5.5	0.5	65.1	744
	17-20	100.0	100.0	99.5	95.0	81.5	57.1	33.5	12.7	1.2	69.5	744
	20-23	100.0	100.0	100.0	100.0	99.4	94.7	77.3	39.7	4.1	77.0	744
TOTALS		100.0	100.0	99.8	98.7	87.3	73.2	59.8	37.5	10.4	77.0	7440

USAFETAC FORM JUN 64 0-87-5 (OL A)

AF CLIMATOLOGY BRANCH
USAF CH SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	RIGHT-PATTERSON AFB OH	73-74	JAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

U.S. GOVERNMENT PRINTING OFFICE

RELATIVE HUMIDITY

[illegible] STATION | [illegible] STATION NAME | 75-[illegible] PERIOD | [illegible] MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

AL CLIMATOLOGY BRANCH
USAF
EAT FOR SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	WRIGHT-PATTERSON AFB OH	75-84	[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	1-07	100.	100.0	100.0	99.2	96.3	85.7	59.5	25.1	5.9	73.0	[illegible]
	1-10	100.0	100.0	100.0	99.5	98.3	87.8	67.7	31.6	6.7	74.4	[illegible]
	1-13	100.0	100.0	100.0	99.6	97.9	91.3	71.9	35.6	8.2	76.1	[illegible]
	1-16	100.0	100.0	100.0	98.7	93.9	75.9	49.7	25.1	8.4	70.7	[illegible]
	1-19	100.0	99.9	99.7	92.3	73.2	47.3	29.5	16.2	2.4	61.	[illegible]
	1-22	100.0	99.8	97.8	86.0	69.2	44.5	25.7	12.7	3.4	59.8	[illegible]
	1-25	100.0	100.0	99.9	97.2	87.8	66.1	38.9	17.1	5.0	66.3	[illegible]
	1-28	100.0	100.0	100.0	99.4	96.0	81.7	49.1	21.8	5.5	71.9	[illegible]
TOTALS		100.	100.0	9 .6	96.7	89.0	72.7	48.5	23.2	5.4	69.2	7194

USAPETAC FORM JUL 64 0-87-5 (OL A)

U.S. GOVERNMENT PRINTING OFFICE: 1984-[illegible]/[illegible] 1/4 REG. NO. 11

RELATIVE HUMIDITY

[illegible] CLIMATOLOGY BRANCH
[illegible] SERVICE [illegible]

[illegible] WRIGHT-PATTERSON AFB OH | 73-74 | DEC
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	0-02	100.0	100.0	100.0	99.9	94.9	84.5	67.5	41.6	11.4	75.[illegible]	[illegible]
	-05	100.0	100.0	100.0	99.5	96.2	85.9	68.4	34.0	10.7	74.4	[illegible]
	-08	100.0	100.0	100.0	99.8	96.9	87.3	61.5	37.2	14.4	75.4	[illegible]
	-11	100.0	100.0	100.0	99.5	94.4	80.6	54.7	34.7	14.7	73.[illegible]	[illegible]
	11-14	100.0	100.0	100.0	96.5	84.1	62.6	41.1	23.6	7.1	67.[illegible]	[illegible]
	-17	100.0	100.0	99.9	94.2	81.5	62.6	39.0	23.8	6.1	66.4	[illegible]
	17-20	100.0	100.0	100.0	98.9	91.2	75.5	50.9	29.9	9.6	71.1	[illegible]
	20-23	100.0	100.0	100.0	99.4	94.1	82.5	54.8	31.1	11.3	73.[illegible]	[illegible]
TOTALS		100.0	100.0	100.0	98.5	91.7	77.7	52.0	30.7	11.1	71.[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

U.S. GOVERNMENT PRINTING OFFICE: [illegible]

RELATIVE HUMIDITY

STATION: [illegible] STATION NAME: [illegible] PERIOD: [illegible] MONTH: [illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	[illegible]	[illegible]	100.0	[illegible]	99.4	94.1	79.4	54.[illegible]	[illegible]	.9	[illegible]	[illegible]
		[illegible].0	100.0	99.6	97.3	91.[illegible]	65.0	37.[illegible]	[illegible]	1[illegible].7	72.3	57[illegible]
		[illegible].0	100.[illegible]	99.[illegible]	92.[illegible]	81.7	56.1	46.9	29.[illegible]	[illegible].9	64.[illegible]	74[illegible]
[illegible]		1[illegible].0	[illegible]9.9	96.9	86.[illegible]	72.7	57.5	38.[illegible]	21.[illegible]	[illegible].[illegible]	62.[illegible]	[illegible]
		100.0	[illegible].9	96.7	86.[illegible]	73.2	[illegible]5.3	41.7	[illegible].[illegible]	[illegible].4	[illegible]3.[illegible]	[illegible]
[illegible]		[illegible].0	100.0	99.[illegible]	92.[illegible]	78.2	61.2	42.1	[illegible].[illegible]	[illegible].7	[illegible]6.	[illegible]
[illegible]		[illegible].0	100.0	99.[illegible]	96.1	[illegible]4.3	[illegible]9.1	62.4	[illegible]9.9	[illegible].[illegible]	[illegible]	[illegible]
		[illegible].0	100.0	99.9	96.7	[illegible]7.8	71.2	[illegible]	[illegible]7.[illegible]	[illegible].4	[illegible]	[illegible]
		[illegible].0	100.0	99.[illegible]	96.3	[illegible]4.[illegible]	71.0	[illegible]5.[illegible]	[illegible]3.1	[illegible].9	[illegible]	[illegible]
[illegible]		[illegible].0	[illegible]0.[illegible]	99.1	94.1	[illegible]2.9	[illegible]5.3	[illegible]8.[illegible]	[illegible]5.[illegible]	7.1	[illegible]	[illegible]
[illegible]		[illegible].0	100.0	99.6	96.7	[illegible]9.0	72.7	[illegible]9.[illegible]	[illegible]3.2	[illegible].4	[illegible].	[illegible]
[illegible]		[illegible].0	[illegible].0	100.0	[illegible]3.[illegible]	[illegible]1.7	[illegible]7.7	[illegible]2.[illegible]	[illegible]0.7	[illegible]1.1	[illegible]	[illegible]
TOTALS		[illegible].[illegible]	[illegible]0.0	[illegible]8.[illegible]	[illegible]4.[illegible]	[illegible]4.[illegible]	[illegible]9.6	[illegible]9.7	[illegible]7.[illegible]	7.[illegible]	[illegible]3.[illegible]	[illegible]

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

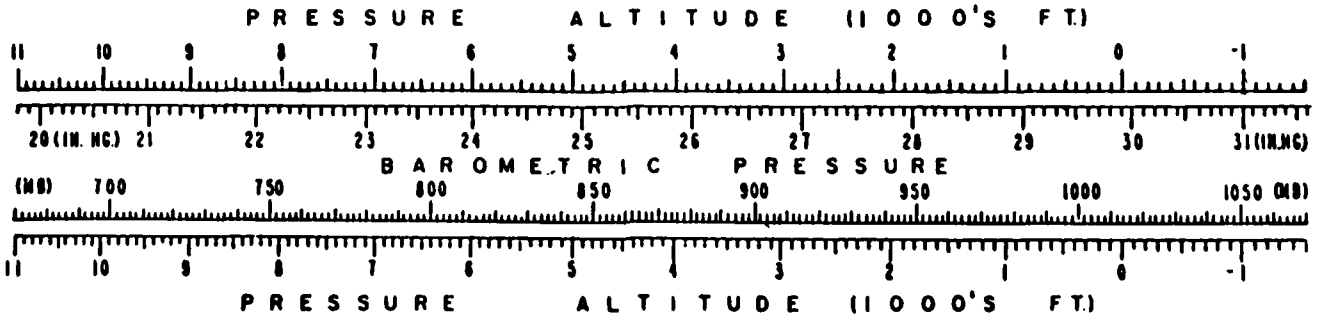
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

4...50 — STATION
...RIGHT-PATTERSON AFB OH — STATION NAME
75-85 — YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	29.167	29.187	29.172	29.096	29.033	29.003	29.033	29.064	29.075	29.082	29.081	29.085	29.047
	S.D	.252	.238	.226	.216	.149	.132	.109	.098	.133	.171	.203	.241	.190
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
	MEAN	29.167	29.177	29.090	29.036	29.003	29.033	29.023	29.053	29.073	29.079	29.078	29.087	29.042
	S.D	.257	.246	.234	.214	.155	.135	.111	.100	.135	.177	.204	.245	.196
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
	MEAN	29.174	29.191	29.111	29.111	29.037	29.032	29.052	29.083	29.093	29.091	29.091	29.092	29.062
	S.D	.259	.251	.239	.221	.161	.138	.115	.104	.133	.181	.208	.250	.199
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
	MEAN	29.212	29.212	29.129	29.125	29.113	29.137	29.151	29.174	29.214	29.221	29.213	29.215	29.178
	S.D	.256	.256	.240	.224	.162	.137	.117	.104	.137	.162	.212	.255	.202
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
	MEAN	29.171	29.190	29.110	29.105	29.093	29.119	29.146	29.176	29.186	29.189	29.178	29.182	29.153
1	S.D	.254	.256	.231	.217	.153	.134	.112	.101	.134	.174	.211	.252	.197
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
	MEAN	29.156	29.163	29.078	29.072	29.064	29.089	29.114	29.142	29.147	29.154	29.158	29.172	29.127
	S.D	.249	.249	.221	.208	.152	.130	.110	.097	.132	.168	.208	.243	.192
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
	MEAN	29.191	29.153	29.092	29.078	29.061	29.083	29.107	29.138	29.149	29.178	29.173	29.191	29.134
	S.D.	.241	.241	.215	.202	.143	.126	.104	.095	.131	.155	.205	.239	.186
	TOTAL OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
	MEAN	29.142	29.191	29.108	29.101	29.084	29.110	29.133	29.165	29.175	29.192	29.179	29.195	29.151
2	S.D.	.244	.237	.218	.201	.144	.123	.104	.095	.130	.159	.205	.237	.187
	TOTAL OBS	31	283	310	300	309	300	310	310	300	310	300	310	3652
	MEAN	29.175	29.187	29.102	29.097	29.084	29.110	29.134	29.165	29.177	29.188	29.181	29.192	29.149
ALL HOURS	S.D.	.252	.247	.228	.212	.154	.133	.111	.101	.135	.174	.207	.245	.195
	TOTAL OBS	2481	2264	2480	2400	2478	2400	2480	2480	2400	2480	2400	2480	29229

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

MEANS AND STANDARD DEVIATIONS

...EA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

...45 2 | ...RIGHT-PATTERSON AFB OH | 73-85
STATION | STATION NAME | YEARS

HRS (EST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	1019.3	1019.7	1016.4	1015.7	1014.7	1015.5	1016.3	1017.5	1018.1	1018.7	1019.3	1019.5	1017.5
	S D	7.052	8.673	8.136	7.336	6.294	4.589	3.835	3.489	4.732	6.397	7.283	8.151	5.894
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3655
	MEAN	1019.3	1019.4	1015.9	1015.4	1014.7	1015.4	1016.1	1017.3	1018.3	1018.5	1018.9	1019.5	1017.4
	S D	8.240	8.936	8.399	7.513	6.574	4.758	3.893	3.577	4.847	6.325	7.341	8.747	7.083
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3650
	MEAN	1019.5	1020.0	1016.7	1015.3	1015.7	1016.4	1017.0	1018.2	1019.0	1019.4	1019.5	1019.7	1017.6
	S D	9.351	9.058	8.588	7.895	6.689	4.856	4.035	3.715	4.913	6.421	7.464	8.963	7.159
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3650
	MEAN	1020.0	1020.7	1017.4	1016.7	1016.0	1016.6	1017.3	1018.6	1019.5	1020.1	1020.2	1020.7	1018.7
	S D	9.436	9.292	8.646	7.975	6.735	4.863	4.061	3.713	4.833	6.425	7.575	9.070	7.291
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3650
1	MEAN	1019.4	1019.9	1016.6	1016.0	1015.2	1015.9	1016.6	1017.9	1018.4	1018.9	1019.4	1019.6	1017.6
	S D	9.176	9.255	8.374	7.729	6.589	4.736	3.934	3.639	4.765	6.153	7.341	8.999	7.159
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3650
	MEAN	1019.2	1018.9	1016.5	1014.9	1014.2	1014.9	1015.7	1016.7	1017.1	1018.1	1018.2	1018.1	1016.4
	S D	8.933	8.923	7.917	7.431	6.309	4.565	3.647	3.497	4.645	6.222	7.419	8.847	6.964
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3650
	MEAN	1019.8	1019.6	1016.1	1015.1	1014.1	1014.7	1015.4	1016.5	1017.2	1018.0	1018.3	1018.9	1017.1
	S D	8.632	8.783	7.699	7.175	6.277	4.442	3.715	3.415	4.631	6.283	7.342	8.561	6.943
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3650
2	MEAN	1019.9	1019.9	1016.5	1015.9	1015.3	1015.6	1016.3	1017.5	1018.1	1018.1	1018.3	1018.7	1017.7
	S D	8.734	8.643	7.852	7.172	6.085	4.344	3.655	3.412	4.624	6.273	7.355	8.473	6.774
	TOTAL OBS	31	283	310	300	310	300	310	310	300	310	300	310	3650
ALL HOURS	MEAN	1019.6	1019.8	1016.4	1015.7	1015.3	1015.6	1016.4	1017.5	1018.2	1018.9	1019.1	1019.4	1017.7
	S D	8.357	8.947	8.234	7.554	6.441	4.678	3.918	3.612	4.839	6.172	7.427	8.771	7.033
	TOTAL OBS	248	2263	2483	2400	2483	2400	2483	2483	2400	2479	2400	2483	29225

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