

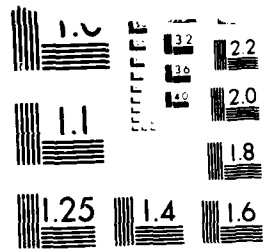
AD-A183 914

OSAN AB KOREA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS PARTS A-F(U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
31 JUL 87 USAFETAC/DS-87/058 F/G 4/2

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UNCLASSIFIED

NL



MICROCOPY RESOLUTION TEST CHART
100% - 2025 RELEASE UNDER E.O. 14176

NR4183914

K0471220

USAFETAC/DS-87/050

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OPERATING LOCATION - A USAFETAC Air Weather Service (MAC)



REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

OSAN AB KOREA MSC 471220
N 37 05 E 127 02 ELEV 38 FT RKSO

PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: APR 77 - MAR 87

SUMMARY OF DAY DATA: JAN 53 - MAR 87,

"Approved for public release; FEDERAL BUILDING
Distribution Unlimited"

ASHEVILLE, N.C. 28801 - 2723

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STATION NAME: OSAN AB KOREA

STATION NUMBER: 471220

CALL ID: RKSO

PERIOD OF RECORD:

HOURS SUMMARIZED: 0000-2300 LST

HOURLY OBSERVATIONS: APR 77 - MAR 87

SUMMARY OF DAY DATA: JAN 53 - MAR 87

TIME CONVERSION LST TO GMT: -9

DATE PRODUCED: 31 JUL 1987

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

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

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

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

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

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

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

TABLE OF CONTENTS

STATION HISTORY

PART A: WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART B: PRECIPITATION, SNOWFALL, AND SNOW DEPTH SUMMARIES

PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

STATION ID OR NUMBER	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
471220	OSAN AB KOREA/OSAN-NI K-55	N 37 05	E 127 02	+ 38	RKSO	471220

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	NET. BARO.	
1	Osan AB Korea	AB	Jan 53	Feb 54	N 37 06	E 127 02	39	42	24
2	Same	Same	Mar 54	Mar 55	Same	Same	53	63	24
3	Same	Same	Apr 55	Jul 57	Same	Same	Same	Same	24
4	Same	Same	Aug 57	Feb 59	Same	Same	46	56	24
5	Same	Same	Mar 59	Feb 62	Same	Same	48	41	24
6	Same	Same	Mar 62	Jun 70	Same	Same	45	Same	24
7	Same	Same	Jul 70	Jul 72	N 37 05	Same	Same	Same	24
8	Same	Same	Aug 72	Nov 77	N 37 02	Same	38	Same	24
9	Same	Same	Dec 77	Dec 79	N 37 06	Same	Same	Same	24
10	Same	Same	Jan 80	Feb 84	N 37 05	E 127 02	Same	Same	24
11	Same	Same	Mar 84	Mar 87	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 53	Located 350 ft ENE of station	AN/GMQ-1	ML204B (Wnd Pnl)	12 ft	
2	Apr 53	Located 500 ft from stn in a clearing	Same	Same	15 ft	
3	Apr 55	Located on Base Operations Bldg	Same	Same	32 ft	
4	Mar 56	Located on Base Weather roof.	Same	Same	30 ft	
5	Aug 57	Located on top of Observation Tower	Same	Same	35 ft	
6	Mar 60	Located on top of ROS.	Same	Same	42 ft	
7	Dec 62	Located 500 ft S of rwy centerline and 1500 ft W of rwy 09.	AN/GMQ-1	RO-2	13 ft	
8	Mar 67	Same	Same	Same	Same	
9	Jun 69	Located 500 ft S of rwy centerline and 1500 ft W of rwy 09	AN/GMQ-20	RO-362	13 ft	
10	Jul 70	Same	Same	Same	Same	

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

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

ATMOSPHERIC PHENOMENA SUMMARY

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

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADES AND WATERSPOUTS.

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

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

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

HAIL: ALL REPORTED HAIL.

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

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

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

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

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

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

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE
2. METAR STATIONS (BEGINNING IN JAN 1969) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB 40REA

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN %/OR DRIZZLE	FRZING RAIN %/OR DRIZZLE	SNOW %/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE %/OR HAZE	BLOWING SNOW	DUST %/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		2.0		6.5		8.3	22.7	14.6	.1		37.4	930
03-05		1.6		8.0		9.5	26.8	14.3			41.1	930
06-08		2.0		7.7		9.6	32.7	18.1	.2		51.0	930
09-11		1.6		8.4		10.0	34.5	29.4			63.9	930
12-14		1.7		7.6		9.0	13.0	24.0			37.0	930
15-17		3.0		6.6		9.4	4.7	15.2			19.9	930
18-20		1.9		5.9		7.6	11.3	23.9			35.2	930
21-23		1.6		6.3		7.7	16.7	19.1	.3		26.1	930
TOTALS		1.9		7.1		8.9	20.3	19.8	.1		43.2	7440

STATION NUMBER: 471220 STATION NAME: OSAN AB 40REA

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN %/OR DRIZZLE	FRZING RAIN %/OR DRIZZLE	SNOW %/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE %/OR HAZE	BLOWING SNOW	DUST %/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		5.4		4.0		9.2	16.7	11.5			28.1	846
03-05		3.4		6.5		9.6	24.5	8.4			32.9	846
06-08		3.0		6.7		9.0	35.8	16.1			51.9	846
09-11		3.4		5.3		8.5	29.4	32.4	.1		50.9	846
12-14		3.0		4.6	.1	7.7	5.8	17.7	.2		23.8	846
15-17		3.7		5.2		8.2	2.1	8.4	.4		10.9	846
18-20	.1	3.6		4.8		8.5	4.5	14.3			18.8	846
21-23		4.1		5.1		9.0	9.9	13.0	.1		23.0	846
TOTALS	.0	3.7		5.3	.0	8.7	16.0	15.2	.1		31.3	6768

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 78-87
 MONTH: MAR

HOURS (LST)	TSTMS	RAIN	FRZING	SNOW	HAIL	% OBS WITH PRECIP	FOG	SMOKE	BLOWING SNOW	DUST	% OBS W/OBST TO VISION	TOTAL OBS
		%/OR DRIZZLE	RAIN %/OR DRIZZLE	%/OR SLEET				%/OR HAZE		%/OR SAND		
00-02		5.9		.8		6.7	19.1	14.8			34.2	930
03-05		7.7		1.2		8.8	32.7	10.8		.1	43.5	930
06-08		7.6		1.7		9.4	48.0	13.9	.1	.1	62.0	930
09-11		8.1		2.0		10.0	23.0	28.1		.3	51.4	930
12-14		6.5		1.3		7.7	1.9	15.3		.5	17.7	930
15-17		6.9		1.8		8.6	1.6	9.9		.2	11.7	930
18-20		6.1		1.8		8.0	4.1	14.2			18.3	930
21-23		6.2		1.4		7.3	7.5	13.5			21.1	930
TOTALS		6.9		1.5		8.3	17.2	15.1	.0	.2	32.5	7440

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: APR

HOURS (LST)	TSTMS	RAIN	FRZING	SNOW	HAIL	% OBS WITH PRECIP	FOG	SMOKE	BLOWING SNOW	DUST	% OBS W/OBST TO VISION	TOTAL OBS
		%/OR DRIZZLE	RAIN %/OR DRIZZLE	%/OR SLEET				%/OR HAZE		%/OR SAND		
00-02	.1	10.1				10.1	17.3	8.0			25.3	897
03-05		13.3		.2		13.3	30.0	7.2		.2	37.5	897
06-08		10.7				10.7	49.2	11.1			60.3	897
09-11		8.3				8.3	12.7	22.9		.2	35.8	900
12-14		8.2				8.2	1.9	6.8		.4	10.7	900
15-17		9.4		.1		8.4	1.1	5.2		1.0	7.3	900
18-20	.2	5.3				8.3	3.1	7.8		.9	11.8	900
21-23		8.7				8.7	4.7	10.0		.2	14.9	900
TOTALS	.0	9.5		.0		9.5	14.9	10.1		.4	25.5	7191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: MAY

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		6.3				6.3	20.0	9.0			29.3	930
03-05	.2	8.0				8.0	41.8	5.5			47.3	930
06-08	.4	9.8				9.8	51.1	12.5		.1	63.7	930
09-11	.5	9.4				9.4	11.1	25.4		.5	27.0	930
12-14	.2	8.8				8.8	2.3	12.6		.9	15.7	930
15-17	.2	7.4				7.4	1.4	8.2		.6	10.2	930
18-20	.1	6.5				6.5	2.2	7.8		.6	10.6	930
21-23	.4	6.5				6.5	5.8	8.0			13.8	930
TOTALS	.3	7.8				7.8	17.0	11.1		.3	29.4	7490

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: JUN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.2	11.2				11.2	24.3	14.4			38.8	930
03-05	.4	13.4				13.4	47.9	13.3			61.2	900
06-08	.3	12.9				12.9	52.0	14.7			66.7	900
09-11		9.4				9.4	15.8	29.1			44.9	900
12-14		7.2				7.2	2.1	20.2			22.3	900
15-17	.2	8.8				8.8	.7	14.7			15.3	900
18-20	.4	9.6				9.6	1.7	15.9			17.6	900
21-23	.3	9.3				9.3	7.8	14.6			22.3	900
TOTALS	.2	11.2				11.2	19.0	17.1			36.1	7200

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: JUL

HOURS (LST)	TSMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBS TO VISION	TOTAL OBS
00-02	1.7	12.4				12.4	28.2	16.7			49.8	930
03-05	1.5	17.1				17.1	47.1	10.4			57.5	930
06-08	.9	16.7				16.7	49.4	10.6			60.0	930
09-11	.8	13.5				13.5	14.3	23.7			38.0	930
12-14	.5	13.8				13.8	2.0	15.2			17.2	930
15-17	1.6	13.7				13.7	1.3	7.2			8.5	930
18-20	.8	10.3				10.3	3.7	10.1			13.8	930
21-23	1.9	10.1				10.1	11.1	12.4			23.5	929
TOTALS	1.2	13.5				13.5	19.6	13.3			32.9	7419

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: AUG

HOURS (LST)	TSMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBS TO VISION	TOTAL OBS
00-02	.9	9.9				9.9	30.1	8.6			38.7	930
03-05	.6	12.4				12.4	43.3	3.0			46.3	930
06-08	.5	13.5				13.5	49.4	5.2			49.6	930
09-11	.5	10.1				10.1	12.8	12.5			25.3	930
12-14	.4	11.7				11.7	.8	7.8			8.6	930
15-17	1.1	13.1				13.1	.3	6.8			7.1	930
18-20	1.9	10.7				10.7	1.6	8.1			9.7	930
21-23	.4	13.5				13.5	7.7	5.6			18.3	930
TOTALS	.8	11.9				11.9	17.4	7.6			25.5	7441

USARMC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN	FRZING	SNOW	HAIL	% OBS WITH PRECIP	FOG	SMOKE	BLOWING	DUST	% OBS W/OBST TO VISION	TOTAL OBS
		E/OR DRIZZLE	RAIN OR DRIZZLE	E/OR SLEET				E/OR HAZE	SNOW	E/OR SAND		
00-02		8.1				8.1	35.7	5.8			41.4	900
03-05	.1	9.6				9.6	48.2	2.7			50.9	900
06-08	.1	11.2				11.2	55.1	3.4			58.6	900
09-11		9.7				9.7	22.6	13.8			35.8	900
12-14		9.6				9.6	1.3	7.8			9.1	900
15-17	.2	8.7				8.7	.3	4.0			4.3	900
18-20	.3	7.6				7.8	2.9	8.2			11.1	900
21-23	.1	7.7				7.7	15.3	8.9			24.2	900
TOTALS	.1	7.1				9.1	22.6	6.8			29.4	7200

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN	FRZING	SNOW	HAIL	% OBS WITH PRECIP	FOG	SMOKE	BLOWING	DUST	% OBS W/OBST TO VISION	TOTAL OBS
		E/OR DRIZZLE	RAIN OR DRIZZLE	E/OR SLEET				E/OR HAZE	SNOW	E/OR SAND		
00-02	.1	5.6				5.6	45.1	3.2			48.3	900
03-05	.6	6.7				6.7	52.2	2.0			54.2	900
06-08	.8	5.7		.2		5.9	66.2	2.3			64.5	900
09-11	.2	5.3		.3		6.5	35.8	14.4			50.2	900
12-14	.1	5.6		.1	.1	5.8	3.1	10.3			13.4	900
15-17	.6	6.1		.2		6.3	.8	5.5			6.7	900
18-20	.4	4.0		.2	.1	4.8	5.3	12.9			14.2	900
21-23	.2	4.9		.1		5.1	23.2	8.0			31.2	900
TOTALS	.4	5.7		.1	.0	5.5	29.0	7.3			36.3	7400

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN	FRZING	SNOW	HAIL	% OBS WITH PRECIP	FOG	SMOKE	BLOWING SNOW	DUST	% OBS W/OBST TO VISION	TOTAL OBS
		E/OR DRIZZLE	RAIN E/OR DRIZZLE	E/OR SLEET				E/OR HAZE		E/OR SAND		
00-02	.1	8.4		.2		8.6	35.2	7.3			42.6	900
03-05		8.6		.1		8.7	42.2	4.1			46.3	900
06-08		5.9		1.2		7.1	52.2	4.4			56.7	900
09-11		7.0		1.6		8.2	36.1	15.0			51.1	900
12-14		6.8		1.0		7.7	6.2	14.1			20.3	900
15-17	.1	6.2		.9		7.1	1.4	10.8			12.2	900
18-20		5.4		.9		6.3	8.8	18.7			27.4	900
21-23	.1	7.2		1.3		6.2	21.7	12.3			34.0	900
TOTALS	.0	6.9		.9		7.7	25.5	10.8			36.3	7200

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN	FRZING	SNOW	HAIL	% OBS WITH PRECIP	FOG	SMOKE	BLOWING SNOW	DUST	% OBS W/OBST TO VISION	TOTAL OBS
		E/OR DRIZZLE	RAIN E/OR DRIZZLE	E/OR SLEET				E/OR HAZE		E/OR SAND		
00-02		3.1		4.3		7.3	31.3	6.4			39.7	930
03-05		3.6		5.4		8.6	36.9	6.3			43.2	930
06-08		4.0		4.9		8.9	45.8	8.5			54.3	930
09-11	.1	5.7		5.8		11.1	38.0	20.5			58.5	930
12-14		5.5		3.3		8.6	8.5	18.9			27.4	930
15-17		4.5		3.7		6.4	3.7	12.5			16.1	930
18-20		4.2		2.8		6.9	10.2	17.5			27.7	930
21-23		5.0		3.1		6.5	21.7	11.3			33.0	930
TOTALS	.0	4.3		4.2		8.3	24.5	13.0			37.5	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KUREA

PERIOD OF RECORD: 77-87
 MONTH: ALL

HOURS (LST)	TSTMS	RAIN		FRZING	SNOW		HAIL	% OBS WITH PRECIP	FOG	SMOKE		DUST		% OBS W/CBSF TO VISION	TOTAL OBS
		E/OR DRIZZLE	DRIZZLE	E/OR DRIZZLE	E/OR SLEET	E/OR HAZE				BLOWING SNOW	E/OR SAND				
JAN ALL		1.9			7.1			8.9	20.3	19.8	.1		40.2		7440
FEB	.0	3.7			5.3		.0	8.7	16.0	15.2	.1		31.3		6766
MAR		6.9			1.5			8.3	17.2	15.1	.0	.2	32.5		7440
APR	.0	9.5			.0			9.5	14.9	10.1		.4	25.5		7191
MAY	.3	7.8						7.8	17.0	11.1		.3	28.4		7440
JUN	.2	10.2						10.2	19.0	17.1			36.1		7270
JUL	1.2	13.5						13.5	19.6	13.3			32.9		7439
AUG	.8	11.9						11.9	17.9	7.6			25.5		7440
SEP	.1	9.1						9.1	22.6	6.8			29.4		7200
OCT	.4	5.7			.1		.0	5.8	29.0	7.3			36.3		7440
NOV	.0	6.9			.9			7.7	25.5	10.8			36.3		7200
DEC	.0	4.3			4.2			8.3	24.5	13.0			37.5		7440
TOTALS	.3	7.6			1.6		.0	9.1	20.3	12.3	.0	.1	32.7		87638

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB 40REA

PERIOD OF RECORD: 53-87
 MONTH: ALL

MONTH	TSTMS	RAIN %/OR DRIZZLE	FRZING RAIN %/OR DRIZZLE	SNOW %/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE %/OR HAZE	BLOWING SNOW	DUST %/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN		12.0	.2	36.2	.1	42.7	50.7	77.9	2.0		85.3	1076
FEB	.2	17.7	.1	28.8	.1	39.5	48.5	72.9	1.1		81.0	988
MAR	.4	26.9		12.6		34.8	57.6	65.3	.2	.1	79.4	1085
APR	2.0	36.1		.7	.2	36.2	59.4	52.6		.3	72.7	1020
MAY	2.8	34.0			.1	34.0	56.3	44.4			65.1	1054
JUN	4.6	46.2				46.2	68.8	49.5			75.3	1020
JUL	12.4	62.8			.2	62.8	73.5	38.1			77.1	1054
AUG	10.2	51.4				51.4	66.2	35.6			69.5	1053
SEP	4.0	36.7				36.7	68.2	38.7			70.4	1020
OCT	3.1	30.2		.5	.1	30.2	66.4	47.2			70.7	1053
NOV	2.1	37.4		8.6	.8	42.0	61.4	54.1	.1		71.3	1020
DEC	.6	22.9		29.6	.7	45.0	54.6	64.5	.3	.1	76.5	1053
TOTALS	3.5	34.5	.0	9.7	.2	41.8	61.0	53.4	.3	.0	74.5	12496

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PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

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

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

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

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

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

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

DATA DERIVED FROM SUMMARY OF DAY DATA

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

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

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

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

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

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

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

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

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

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

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

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

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02 TO .06		.11 TO .26		.51 TO 1.00		1.01 TO 2.50		2.51 TO 5.00		5.01 TO 10.00		10.01 TO 20.00		OVER 20.00	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
				.05	.10	.25	.50	1.00	2.50	5.00	10.00	20.00	MEAN	GREATEST	LEAST								
JAN	56.6	22.2	3.4	6.4	2.8	4.1	3.2	.9	.4									21.2	1076	1.05	4.15	.07	
FEB	59.4	21.1	1.9	5.4	2.8	5.6	2.0	1.4	.4									19.5	988	1.05	4.41	.08	
MAR	65.3	13.7	1.9	4.8	2.5	4.0	3.4	2.6	1.8									20.9	1085	2.06	6.08	.11	
APR	64.0	9.1	1.8	5.1	3.1	4.7	3.6	3.7	4.0	.7	.1							26.9	1020	4.17	17.50	.25	
MAY	65.9	10.0	1.2	4.6	2.8	4.8	3.6	3.5	3.1	.4								24.1	1054	3.50	9.70	.40	
JUN	54.3	15.0	2.5	5.6	3.3	6.3	3.6	4.2	4.0	.9	.2							30.7	1020	4.80	14.85	.17	
JUL	37.4	15.4	3.3	5.9	3.1	7.7	6.5	6.9	0.0	3.1	.7	.1						47.2	1054	12.49	24.01	4.65	
AUG	48.7	11.3	2.8	4.5	3.8	6.9	5.7	6.4	6.9	2.6	.3	.1						40.0	1053	9.66	31.78	1.54	
SEP	63.5	9.0	1.5	3.5	2.6	4.4	4.6	4.8	4.5	1.2	.2	.1						27.5	1020	5.96	16.09	.07	
OCT	70.0	8.5	2.4	3.7	3.7	4.5	3.9	1.9	1.1	.2	.1							21.4	1054	2.20	9.46	.10	
NOV	58.1	12.7	2.4	7.5	4.9	6.4	4.5	3.0	.4	.1								29.1	1020	1.84	5.93	.30	
DEC	54.6	23.0	3.1	6.3	3.9	5.0	2.9	1.0	.2									22.5	1054	1.06	4.75	.21	
ANN	58.1	14.2	2.3	5.3	3.3	5.4	4.0	3.4	3.1	.9	.1	.0						27.6	12498	49.84			

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 47122D STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
53	.11	.12	1.56	2.21	.83	2.24	7.98	2.57	1.94	1.40	.12	.39	7.98
54	.22	2.08	.14	1.62	.95	1.56	5.15	3.70	1.43	.72	.45	.84	5.15
55	.38	.14	.42	1.6	.72	2.47	2.64	2.80	2.12	.80	1.15	.25	2.80
56	.20	.38	1.68	1.30	1.06	5.46	2.65	2.32	9.09	.74	.10	.37	9.09
57	.96	.80	.24	2.15	2.47	.34	5.87	1.51	.05	2.00	.87	2.30	5.87
58	1.11	.15	.53	1.50	.67	.73	10.23	2.14	5.74	1.97	1.91	.49	10.23
59	.27	.71	2.35	1.50	1.96	1.15	4.15	8.37	4.50	.58	.61	.66	8.37
60	.05	.06	1.49	.42	1.86	4.57	2.35	.88	.64	.07	1.02	.07	4.57
61	.40	.25	.86	3.24	1.57	.54	2.79	3.44	1.69	1.59	.91	.60	3.44
62	.03	.43	.21	.76	.41	2.64	1.64	1.39	2.99	.71	.67	.42	2.99
63	.48	.13	1.66	1.65	3.65	3.37	2.50	1.44	.57	.41	.76	.18	3.65
64	.62	.67	.41	5.78	2.10	1.18	2.62	4.36	3.16	.94	.53	.13	5.78
65	.50	.15	.70	.32	.13	.16	3.82	1.94	.39	1.13	.77	.11	3.82
66	.23	.70	1.29	1.32	.70	.92	5.20	1.53	3.01	.35	1.71	.14	5.20
67	.41	.90	1.56	1.45	2.12	2.27	2.05	3.36	.81	.61	.91	.36	3.36
68	.11	.41	1.06	1.19	.92	1.85	2.63	3.95	4.88	2.71	.39	.22	4.88
69	1.12	.91	.26	2.47	1.80	.26	2.21	3.28	1.80	.24	.37	.29	3.28
70	.12	1.05	.05	.65	1.17	1.18	6.83	3.92	2.51	4.34	.57	.29	6.83
71	.42	.36	1.31	1.12	2.34	3.35	6.73	2.28	1.17	.17	.29	.56	6.73
72	.70	.32	1.35	.94	3.04	1.45	3.48	10.01	2.90	.72	.61	.19	10.01
73	1.02	.15	.09	1.44	1.86	1.83	1.60	1.71	1.69	.41	.61	.13	1.86
74	.49	.36	.98	3.46	2.61	1.26	4.54	2.01	1.78	1.44	.18	.47	4.54
75	.26	.07	1.12	1.43	1.11	.30	1.91	2.60	1.82	.50	.50	.62	2.60
76	.06	.97	.08	2.03	.72	.52	1.74	4.81	1.08	.80	.33	.62	4.81
77	.05	.08	.48	3.74	1.35	2.96	2.75	1.27	2.46	.12	.75	.47	3.74
78	.45	.48	1.19	.20	.61	5.13	2.35	3.60	1.03	.60	.18	.31	5.13
79	.30	.82	1.77	2.29	1.36	3.46	2.18	2.08	.94	.93	.30	.52	3.46
80	.63	.15	.85	4.12	1.08	3.20	2.44	2.26	1.76	.85	.38	.62	4.12
81	.54	.11	.48	.87	.74	1.46	3.91	6.14	2.05	.42	.67	.28	6.14
82	.68	.12	.96	.45	2.50	.11	3.45	1.14	.23	1.85	2.51	.47	3.45

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
83	.32	.21	.93	1.19	1.18	1.40	2.62	1.54	1.17	.38	.27	.15	2.62
84	.24	.33	.58	1.20	1.10	.91	3.36	2.65	11.42	.19	.70	.34	11.42
85	.43	.31	1.46	.83	4.48	4.15	1.60	1.74	2.96	5.64	.70	.74	5.64
86	.18	.20	.50	1.17	.82	1.59	2.61	1.94	1.95	1.38	.63	.54	2.61
87	.92	1.09	.44										
MEAN	.438	.462	.887	1.695	1.529	1.940	3.546	3.004	2.463	1.109	.689	.445	5.093
S.D.	.309	.424	.586	1.193	.961	1.454	2.000	1.987	2.372	1.171	.509	.383	2.448
TOTAL OBS	1076	988	1085	1020	1054	1020	1054	1053	1020	1054	1020	1054	12498

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

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TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	-M-O-N-T-H-S-											ALL MONTHS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		DEC
53	*.18	.12	4.82	2.99	2.79	7.80	18.85	7.41	2.13	2.56	.44	1.42	*51.51
54	.78	4.41	.28	3.04	3.48	5.58	20.18	9.15	3.00	2.07	.91	1.32	54.20
55	.96	.14	.78	2.55	2.00	8.05	12.17	5.88	6.45	1.71	1.70	.45	42.84
56	.27	.75	5.99	3.86	3.14	12.25	14.43	4.44	12.29	1.13	.30	.82	59.67
57	1.78	1.21	.57	4.78	4.60	1.11	22.53	6.84	.07	3.39	1.11	4.75	52.74
58	4.15	.18	.69	6.97	1.02	1.66	22.91	9.66	14.46	3.39	2.91	1.38	69.38
59	.60	2.52	6.08	3.24	3.55	2.33	15.18	18.68	10.03	.97	1.25	1.73	66.16
60	.07	.09	3.64	.89	2.76	8.82	8.17	1.54	2.82	.10	2.06	.21	31.17
61	.94	.44	2.40	4.71	3.32	2.48	9.15	12.44	5.79	2.59	2.78	1.36	48.40
62	.09	.99	.61	2.67	.53	3.44	4.73	8.50	12.06	1.48	1.99	.85	37.94
63	1.42	.18	1.90	6.29	7.83	12.56	9.47	3.33	1.83	.89	2.18	.44	48.32
64	1.09	1.58	1.04	17.50	4.76	2.17	19.77	11.88	13.31	1.46	1.01	.46	76.03
65	1.56	.43	.96	.82	.40	.17	17.80	9.51	.58	2.05	3.17	.31	37.76
66	.29	1.43	4.07	1.69	2.06	2.00	20.50	*7.01	7.91	2.11	3.21	.34	*52.62
67	1.03	.99	3.64	3.19	3.15	4.38	7.16	8.38	1.63	1.16	3.30	.52	38.53
68	.17	.99	2.02	1.42	2.49	2.17	10.67	15.78	5.88	4.60	1.19	.59	47.97
69	2.71	2.69	.85	7.85	5.27	1.14	9.49	12.89	6.15	.46	1.39	1.00	51.89
70	.14	2.57	.11	1.53	3.51	4.67	20.13	8.84	15.14	7.38	1.60	.59	66.21
71	1.11	1.12	2.14	1.90	4.32	7.57	24.01	7.47	3.69	.55	.84	.82	55.54
72	2.86	1.07	4.03	1.89	5.76	2.86	8.22	31.78	7.06	1.77	3.92	.42	71.64
73	2.05	.19	.15	5.68	3.42	6.83	4.65	6.11	5.47	1.33	1.66	.26	37.80
74	.57	.81	1.70	8.42	9.70	2.48	11.79	5.83	2.25	2.21	.38	.99	47.13
75	.31	.11	4.03	4.32	2.61	1.04	12.14	5.21	5.44	1.65	1.33	.84	39.03
76	.14	3.76	.26	3.87	1.16	2.46	6.24	21.10	1.27	1.94	1.42	1.27	44.89
77	.09	.08	.94	9.80	2.45	3.49	8.40	2.52	8.08	.12	2.89	1.67	40.53
78	1.14	.73	2.52	.25	1.22	10.69	8.76	14.06	2.12	1.23	.43	1.24	44.39
79	.44	1.67	2.62	6.88	4.18	14.85	6.83	7.45	3.69	2.07	.79	.84	52.31
80	1.50	.42	1.55	8.75	3.12	10.05	10.56	8.52	2.39	3.02	.89	2.82	53.59
81	1.09	.34	1.40	1.92	2.61	3.06	17.49	14.11	5.02	1.79	1.47	.62	50.92
82	1.51	.16	2.43	.45	6.21	.31	8.62	6.53	.26	2.18	5.93	1.73	36.32

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NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

YEAR	TOTAL MONTHLY PRECIPITATION IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
83	.62	1.09	2.58	4.32	1.90	2.52	7.76	5.47	6.59	1.31	.87	.33	35.36
84	.61	.41	1.02	3.43	1.26	3.59	10.51	10.79	16.09	.59	2.13	1.15	51.58
85	1.29	.85	2.23	2.33	9.00	4.31	5.67	7.00	6.82	9.46	3.75	1.26	53.97
86	.33	.46	.81	1.50	3.36	4.46	9.82	9.68	4.73	4.11	1.21	1.26	41.73
87	1.87	1.73	1.25										
MEAN	1.046	1.049	2.060	4.168	3.498	4.804	12.493	9.660	5.956	2.201	1.836	1.061	49.561
S.D.	.913	1.047	1.608	3.449	2.197	3.819	5.779	5.891	4.471	1.906	1.236	.857	11.311
TOTAL OBS	1076	988	1085	1020	1054	1020	1054	1053	1020	1054	1020	1054	12498

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

MONTH	AMOUNTS IN INCHES														% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 5.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4	MEAN			GREATEST	LEAST	
JAN	62.9	21.9	5.7	4.4	2.4	1.1	.7	.6	.3						15.1	1076	6.5	30.9	.5
FEB	70.4	20.3	3.3	3.5	1.5	.5	.1	.3							9.3	987	3.0	10.1	TRACE
MAR	87.5	9.6	1.8	.4	.6	.1	.1	.1							2.9	1085	.9	8.5	.0
APR	99.3	.6	.1												.1	1020	TRACE	.1	.0
MAY	100.0															1054	.0	.0	.0
JUN	100.0															1020	.0	.0	.0
JUL	100.0															1054	.0	.0	.0
AUG	100.0															1054	.0	.0	.0
SEP	100.0															1020	.0	.0	.0
OCT	99.5	.5														1054	TRACE	TRACE	.0
NOV	91.2	6.1	.9	1.4	.4		.1								2.7	1020	.8	5.3	.0
DEC	69.5	21.0	3.6	3.3	1.5	.4	.4	.2		.1					9.5	1054	3.3	19.2	TRACE
ANN	90.0	6.7	1.3	1.1	.5	.2	.1	.1	.0	.3					3.3	12498	14.5		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB 40REA

PERIOD OF RECORD: 53-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	
						JUN	JUL						
53	*1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.6	*1.8
54	2.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.4
55	4.0	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.0
56	2.5	3.8	2.1	TRACE	.0	.0	.0	.0	.0	.0	1.0	.5	3.8
57	.3	5.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	10.8	10.8
58	10.3	1.5	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	10.3
59	2.7	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.7
60	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.3	1.0
61	3.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.8
62	.3	2.0	2.1	.1	.0	.0	.0	.0	.0	TRACE	.1	1.9	2.1
63	4.8	1.3	.1	TRACE	.0	.0	.0	.0	.0	.0	.5	TRACE	4.8
64	2.4	2.0	2.4	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	2.4
65	3.4	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	3.4
65	.4	2.2	.3	.0	.0	.0	.0	.0	.0	TRACE	3.6	1.9	3.6
67	2.1	*.1	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	3.7	3.7
68	1.3	5.4	.5	.0	.0	.0	.0	.0	.0	.0	2.2	3.0	5.4
69	9.9	4.7	3.5	TRACE	.0	.0	.0	.0	.0	.0	.8	2.3	9.9
70	3.5	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	.9	.2	3.5
71	2.3	1.1	1.0	.0	.0	.0	.0	.0	.0	.0	.1	TRACE	2.3
72	.8	3.2	.6	.0	.0	.0	.0	.0	.0	.0	2.0	.2	3.2
73	3.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	5.0	5.0
74	5.5	3.1	2.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.4	5.5
75	.5	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.8	1.8
76	1.8	.4	.6	.0	.0	.0	.0	.0	.0	.0	2.3	3.7	3.7
77	.5	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4	2.4
78	3.5	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	3.5
79	3.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	.7	3.1
80	2.7	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	5.3	5.3
81	8.2	2.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.5	1.0	8.2
82	.5	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.6	1.6

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
83	1.0	2.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.5	2.1
84	2.4	.6	6.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.0
85	5.2	3.1	.2	.0	.0	.0	.0	.0	.0	.0	1.1	1.2	5.2
86	2.5	2.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	2.5
87	2.7	1.8	TRACE										
MEAN	3.00	1.71	.65	.00	.00	.00	.00	.00	.00	TRACE	.57	1.75	4.26
S.D.	2.497	1.567	1.267	.014	.000	.000	.000	.000	.000	.000	.865	2.105	2.482
TOTAL OBS	1076	987	1085	1020	1054	1020	1054	1054	1020	1054	1020	1654	12498

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

MONTHLY SNOWFALL
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

YEAR	TOTAL MONTHLY SNOWFALL IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
53	44.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.6	44.7
54	5.3	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	10.7
55	14.7	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE		14.8
56	4.7	5.5	2.3	TRACE	.0	.0	.0	.0	.0	1.0	.8		15.3
57	.5	7.7	.3	.0	.0	.0	.0	.0	.0	.0	15.4		23.9
58	30.9	1.7	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	33.2
59	6.1	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.9	10.4
60	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.4	2.1
61	10.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	10.9
62	.9	3.6	2.6	.1	.0	.0	.0	.0	.0	TRACE	.1	3.2	10.5
63	12.6	1.8	.2	TRACE	.0	.0	.0	.0	.0	.0	.5	TRACE	15.1
64	2.7	3.9	2.4	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4	11.4
65	11.7	3.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.6	16.2
66	.7	2.5	.3	.0	.0	.0	.0	.0	.0	TRACE	3.6	2.3	9.4
67	3.6	9.1	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	6.5	11.2
68	2.4	9.0	.5	.0	.0	.0	.0	.0	.0	.0	2.2	3.6	17.7
69	20.2	10.1	8.5	TRACE	.0	.0	.0	.0	.0	.0	1.8	7.7	48.3
70	4.3	TRACE	.6	.0	.0	.0	.0	.0	.0	.0	.9	.3	6.1
71	3.7	1.9	1.0	.0	.0	.0	.0	.0	.0	.0	.1	TRACE	6.7
72	2.0	7.6	.6	.0	.0	.0	.0	.0	.0	.0	5.3	.4	15.9
73	4.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.6	6.5	12.1
74	7.9	9.0	2.2	.0	.0	.0	.0	.0	.0	.0	1.4	5.9	26.4
75	.7	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	4.1
76	2.7	.4	.6	.0	.0	.0	.0	.0	.0	.0	3.1	5.6	12.4
77	.6	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.9	4.6
78	11.9	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	13.5
79	5.1	1.8	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	.8	5.9
80	8.3	2.4	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	19.2	29.9
81	14.9	2.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.5	1.5	19.1
82	.8	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.9	5.0

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

YEAR	TOTAL MONTHLY SNOWFALL IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
83	2.4	3.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.3	13.9
84	5.9	.9	8.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	19.9
85	11.8	5.6	.2	.0	.0	.0	.0	.0	.0	.0	1.7	3.0	22.3
86	4.5	4.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	9.4
87	4.0	1.8	TRACE										
MEAN	6.52	3.04	.89	.00	.00	.00	.00	.00	.00	TRACE	.76	3.31	14.91
S.D.	6.595	3.094	1.985	.014	.000	.000	.000	.000	.000	.330	1.239	4.198	9.622
TOTAL OBS	1076	987	1085	1020	1054	1020	1054	1054	1020	1054	1020	1054	12498

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

MONTH	AMOUNTS IN INCHES													8 DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120			MEAN	GREATEST	LEAST
JAN	60.1	16.5	5.9	5.2	4.3	5.4	2.5							23.3	1076			
FEB	75.9	13.6	4.0	2.6	1.9	1.0	.5	.4						10.5	988			
MAR	96.9	2.4	.5	.2		.1								.7	1085			
APR	99.9	.1													1020			
MAY	100.0														1054			
JUN	100.0														1020			
JUL	100.0														1054			
AUG	100.0														1054			
SEP	100.0														1020			
OCT	100.0														1054			
NOV	97.7	1.5	.6	.2										.8	1020			
DEC	80.1	11.6	4.4	1.9	.6	1.4	.1							8.3	1054			
ANN	92.5	3.8	1.3	.8	.6	.7	.3	.0						3.6	12499			

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	
						JUN	JUL						
53	*3	TRACE	0	0	0	0	0	0	0	0	0	0	*3
54	TRACE	3	0	0	0	0	0	0	0	0	0	1	3
55	4	1	0	0	0	0	0	0	0	0	0	0	4
56	2	4	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	4
57	2	3	TRACE	0	0	0	0	0	0	0	0	12	12
58	11	5	TRACE	0	0	0	0	0	0	0	0	0	11
59	3	TRACE	0	0	0	0	0	0	0	0	0	1	3
60	1	0	0	0	0	0	0	0	0	0	TRACE	TRACE	1
61	4	TRACE	0	0	0	0	0	0	0	0	0	TRACE	4
62	TRACE	TRACE	1	TRACE	0	0	0	0	0	0	0	1	1
63	7	TRACE	0	0	0	0	0	0	0	0	0	TRACE	7
64	3	1	1	0	0	0	0	0	0	0	0	1	3
65	6	1	0	0	0	0	0	0	0	0	0	0	6
66	0	3	0	0	0	0	0	0	0	0	1	1	3
67	4	0	0	0	0	0	0	0	0	0	0	4	4
68	1	4	0	0	0	0	0	0	0	0	1	4	4
69	12	13	2	0	0	0	0	0	0	0	1	2	13
70	3	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	3
71	2	TRACE	TRACE	0	0	0	0	0	0	0	0	TRACE	2
72	1	1	0	0	0	0	0	0	0	0	2	TRACE	2
73	TRACE	0	0	0	0	0	0	0	0	0	1	4	4
74	5	2	1	0	0	0	0	0	0	0	TRACE	2	5
75	TRACE	TRACE	0	0	0	0	0	0	0	0	0	2	2
76	2	0	TRACE	0	0	0	0	0	0	0	TRACE	4	4
77	1	TRACE	TRACE	0	0	0	0	0	0	0	0	TRACE	1
78	3	1	0	0	0	0	0	0	0	0	0	0	3
79	3	4	0	0	0	0	0	0	0	0	0	1	4
80	3	4	0	0	0	0	0	0	0	0	0	6	6
81	12	4	0	0	0	0	0	0	0	0	0	1	12
82	TRACE	TRACE	0	0	0	0	0	0	0	0	0	2	2

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
83	2	2	TRACE	0	0	0	0	0	0	0	TRACE	2	2
84	3	TRACE	6	0	0	0	0	0	0	0	0	2	6
85	5	4	TRACE	0	0	0	0	0	0	0	2	TRACE	5
86	4	2	0	0	0	0	0	0	0	0	TRACE	TRACE	4
87	2	2	TRACE										
MEAN	3.3	1.8	.3	TRACE	.0	.0	.0	.0	.0	.0	.2	1.6	4.5
S.D.	3.194	2.549	1.078	.000	.000	.000	.000	.000	.000	.000	.554	2.414	3.183
TOTAL OBS	1076	988	1085	1020	1054	1020	1054	1054	1020	1054	1020	1054	12499

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 62-87

YEAR	DAILY PEAK GUSTS IN KNOTS												ALL MONTH.	
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEPI	OCT	NOV	DEC		
						JUN	JUL							
62													NW *33	
63	WNW 34	W 28	SW 28	SW 43	SSW 27	ENE 22	WSW 35	MNE 21	SW 26	W 28	MNW 34	MNW 29	SW 43	
64	NNW 26	NW 33	NW *20	WSW*34	ESE 31	SW 24	SW 29	WNW 33	SSW 36	SSW 28	ENE 31	WNW 25	SSW 36	
65	NW 30	NNW 32	W 32	WNW 32	WSW 33	WSW 26	SSW 34	S 35	NW 28	MNW 27	NW 26	WNW 30	S 35	
66	WNW 30	SW 28	W 30	W 40	S 24	W 21	SSW 27	W 34	NE 24	MNW 33	MNW*29	MNW*20	W 40	
67	WNW 22	S 24	W *32	NW 30	MNW 19	SW 19	WNW 26	MNW 30	NE 20	W 26	NW *20	NW 24	W *32	
68	WNW 35	W 27	NW 35	WSW 24	WSW 27	WSW 25	20/ 26	29/ 51	30/ 31	31* 45	28/ 38	24/ 31	29/ 51	
69	25/ 34	30/ 25	29/ 36	21* 42	21/ 31	21/ 28	8/ 30	20/ 29	21/ 32	28/ 31	25/ 37	29/ 40	21* 42	
70	30/ 31	28/ 39	27/ 40	30/ 31	23/ 37	10/ 42	22/ 32	20/ 28	22* 31	31* 22	28* 12			
71	31* 23		29* 20	28* 17	35* 32	21* 18			20* 31	31/ 34	21/ 30	36* 40		
72	32/ 31	32/ 30	30/ 40	21/ 34	33/ 26	24/ 34	9/ 38	5/ 30	32* 32	28* 32	28/ 34	28/ 32	30/ 40	
73	31/ 25	31/ 24	22/ 36	28/ 28	7/ 24	10* 22	33/ 34	22/ 34	20* 31	30* 28	26/ 42	29/ 34	26/ 42	
74	32/ 21	31/ 36	31/ 33	22* 35			17/ 27	21/ 24	27/ 36	29/ 27	28/ 29	32/ 26		
75	31/ 25	33/ 27	30/ 26	6/ 26	26/ 27	27/ 20	23/ 27	30/ 30	24/ 28	30/ 19	24/ 24	32/ 23	30/ 30	
76	28/ 30	10/ 20	31/ 31	27/ 36	23/ 33	24/ 26	23/ 23	29/ 25	5/ 37	30/ 34	31/ 28	28/ 44	28/ 44	
77	30/ 22	30/ 32	26/ 48	26/ 30	23/ 29	21/ 20	20/ 39	17* 23	6/ 25	26/ 27	28/ 23	28/ 19	26/ 48	
78	27/ 27	27/ 22	6/ 28	30/ 35	4/ 24	22/ 28	33/ 22	11/ 35	31/ 22	5/ 23	30/ 22	29/ 35	30/ 35	
79	29/ 34	30/ 32	29* 28	27/ 38	32/ 28	17/ 26	21/ 28	28/ 25	4/ 22	28/ 34	32/ 30	28/ 25	27/ 38	
80	35/ 31	21/ 23	28/ 22	21/ 31	21/ 38	10/ 36	21/ 23	8/ 25	11/ 22	30/ 39	31/ 29	26/ 35	30/ 39	
81	29/ 25	29/ 29	28/ 32	26/ 19	25/ 30	24/ 29	26/ 27	8/ 19	4/ 20	30/ 32	28/ 25	24/ 26	28/ 32	
82	12/ 31	27/ 27	29/ 23	28/ 23	21/ 34	5/ 21	20/ 47	21/ 34	24/ 40	33/ 28	22/ 31	31/ 28	20/ 47	
83	26/ 31	29/ 32	30/ 27	21/ 41	24/ 28	27/ 23	26/ 30	9/ 26	7/ 23	27/ 24	31/ 33	32/ 32	21/ 41	
84	32/ 24	22/ 37	27/ 29	20/ 35	7/ 27	23/ 28	21/ 28	20/ 19	19/ 22	30/ 32	28/ 20	31/ 24	22/ 37	
85	28/ 27	29/ 29	29/ 26	26/ 27	23/ 25	7/ 17	24/ 22	15/ 34	23/ 25	31/ 29	20/ 28	33/ 27	15/ 34	
86	25/ 32	29/ 28	19/ 21	30/ 33	15/ 33	25/ 21	20/ 23	5/ 33	7/ 26	14/ 24	33/ 21	29/ 23	30/ 33	
87	31/ 26	32/ 26	31/ 37											
MEAN	28.5	28.8	31.4	31.8	28.9	25.5	29.4	29.7	27.3	29.0	29.3	29.1	37.5	
S.D.	4.160	4.757	6.668	6.246	4.601	6.096	6.178	6.991	6.095	4.718	5.789	6.093	5.300	
TOTAL OBS	750	675	708	659	705	674	708	709	686	707	673	704	8358	

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

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SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

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

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

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

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

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

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

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.4	1.4	.3									4.1	3.4
NNE	1.3	.4										1.7	2.5
NE	5.4	1.3										6.7	2.6
ENE	9.5	8.3	.1									17.8	3.3
E	7.2	5.5	.4									13.1	3.3
ESE	.3	.1										.4	3.3
SE	.1	.1										.2	3.0
SSE	.3	.4	.2									1.0	4.2
S	.4	.7	.6									1.4	5.5
SSW	.3	.2		.1								.6	4.3
SW	.2	.1										.3	2.7
WSW	.5	.1			.1							.8	5.0
W	1.2	.6	.8	.2								2.8	5.3
WNW	.5	1.3	1.5	1.0	.2							4.5	8.4
NW	.6	1.9	2.5	.6								5.7	7.2
NNW	1.5	2.6	1.4	.2								5.7	5.2
VARIABLE													
CALM	////////////////////											33.1	////
TOTALS	31.8	24.7	7.8	2.2	.3							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: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 74-87
 MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.5	.9										2.4	3.0
NNE	2.0	.1	.1									2.3	2.4
NE	5.8	2.3	.1									8.2	2.9
ENE	10.2	5.6	.1									15.9	3.1
E	9.0	6.0	.3	.2								15.6	3.3
ESE	.4	.2										.6	2.5
SE	.1	.1	.1									.3	5.3
SSE	.3	.7	.3									1.3	4.6
S	.2	.1	.4									.8	5.7
SSW	.2											.2	2.5
SW	.1	.1										.2	5.0
WSW	.5											.5	2.2
W	1.5	.4	.6	.1								2.7	4.4
WNW	1.3	1.3	1.0	1.0								4.5	6.7
NW	1.3	1.4	1.0	1.0	.1							4.7	7.0
NNW	2.5	1.7	1.7	.2								6.1	5.1
VARIABLE													
CALM	////////////////////											34.0	////
TOTALS	37.1	20.5	5.8	2.5	.1							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.9	1.0	.3	.1								3.3	3.6
NNE	2.2	.3										2.5	2.3
NE	7.0	1.8										8.8	2.5
NNE	10.9	7.3										18.2	3.1
E	8.5	6.0	.8	.2								15.5	3.5
ESE	.5	.1	.1	.1								.9	4.3
SE	.3	.3										.6	3.3
SE	.3	.1	.2									.6	4.5
S	.2	.4										.6	3.8
SSW	.2											.2	3.0
SW	.3	.1										.4	3.0
WSW	.5	.2										.8	2.6
W	1.5	1.0	.1									2.6	3.2
WNW	.8	.9	1.0	.4	.2							3.2	7.2
NW	1.4	1.5	.8	.9								4.3	6.3
NNW	.9	1.1	1.2	.1								3.2	5.6
VARIABLE													
CALM	////////////////////											34.2	////
TOTALS	37.4	21.9	4.4	1.8	.2							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 7P-87
 MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.2	2.3	.4									5.9	3.5
NNE	2.5											2.5	1.7
NE	4.4	1.3										5.7	2.5
ENE	8.6	5.3	.3									14.2	3.2
E	4.2	2.9	.4	.3								7.8	3.8
ESE	1.1	.4	.2									1.7	3.6
SE	1.1	1.1	.5	.1								2.8	4.8
SSE	.2	1.2	.3	.1								1.8	5.4
S	.8	.4										1.5	3.2
SSW	1.1	.4										1.5	3.4
SW	.6	.4										1.1	3.2
WSW	1.1	.2										1.3	2.7
W	1.4	.5	.4	.1								2.5	3.8
WNW	1.1	1.2	.9	.9	.3							4.3	7.6
NW	1.0	1.7	2.0	1.9	.1							6.8	8.3
NNW	1.3	1.7	2.6	.1								5.7	5.8
VARIABLE			.4	.2								.6	9.8
CALM	////////////////////											32.3	////
TOTALS	33.5	21.4	8.6	3.8	.4							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
 USAF/AC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 78-87
 MONTH: JAN HOURS(LST): 1700-1900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.6	1.5	1.0	.1	.1							5.3	4.5
NNE	.9	.1										1.0	2.9
NE	.4	.5	.4									1.4	4.7
ENE	.6	.3	.4	.1								1.5	5.1
E	1.4	1.3	.1	.1	.1							3.0	4.5
ESE	.6	.5										1.2	3.3
SE	.4	1.4	.4									2.3	4.8
SSE	1.1	1.1	.6									2.8	4.6
S	2.2	3.7	.3									5.7	4.7
SSW	1.9	2.6	.2	.2								4.9	4.2
SW	2.9	3.1	.8									6.8	4.1
WSW	3.1	1.7	1.2	.5								6.6	4.6
W	4.2	3.3	3.8	.9								12.2	5.7
WNW	3.3	2.6	5.1	4.4	.5							16.1	8.2
W	2.2	2.2	2.6	1.7	.3							8.9	7.3
WNW	1.3	1.4	1.7	1.2								6.0	6.8
VA-RABLE			1.6	.6								2.3	9.7
CALM	////////////////////										12.2	////	
TOTALS	29.1	27.5	20.2	9.9	1.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (OREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.7	.8	.2									2.7	3.2
NNE	.1		.1									.2	4.0
NE	.5	.1	.1									.8	3.6
ENE	.6	.7	.2									1.4	3.8
E	.6	1.0	.3	.1								2.0	4.9
ESE	1.0	.3										1.3	2.6
SE	1.1	.6	.1									1.8	3.2
SSE	1.0	.8	.1	.1								1.9	3.9
S	1.8	1.2	.1									3.1	3.6
SSW	1.7	1.3	.3									3.3	4.0
SW	2.7	3.2	1.1	.5								7.5	5.1
WSW	2.6	2.4	1.7	.9								7.6	5.6
W	2.6	5.2	6.6	2.0	.1							16.5	6.9
WNW	1.8	4.9	10.9	4.3	.3							22.3	8.3
W	2.0	3.2	5.4	2.5								13.1	7.4
WNW	1.9	.4	1.0	.3								4.7	5.3
VARIABLE			1.1	.4	.1							1.6	10.5
CALM	////////////////////										8.9	////	
TOTALS	23.9	26.2	29.2	11.2	.5							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
 OPAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.8	.6	.2									1.6	4.0
NNE	.5	.3	.1									1.0	3.4
NE	2.2	.3										2.5	2.3
NNE	2.8	1.8	.1									4.7	3.1
E	1.3	1.5	.2									3.0	3.5
ESE	1.0	.1										1.1	2.5
SE	.2	.4										.6	3.8
ESE	.6	.6										1.3	3.3
S	1.2	.5										1.7	2.8
SSW	2.5	.9	.9									4.2	3.7
SW	1.6	1.6	.1									3.3	3.4
WSW	3.5	1.7	.5									5.8	3.4
W	5.8	6.8	1.3	.5								14.4	4.2
WNW	2.6	4.2	2.5	1.3								10.5	5.8
SW	2.8	2.4	2.5	.8	.1							9.5	6.1
NNW	1.1	.6	.5	.2								2.7	5.5
VARIABLE			.1	.1								.2	9.5
CAV.	////////////////////											52.8	////
TOTALS	30.4	24.5	6.2	2.9	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.7	1.1	.4	.1								3.3	3.8
NNE	1.0											1.0	2.0
NE	3.7	.6										4.3	2.5
ENE	10.0	6.8										16.8	3.0
E	7.3	3.3										10.6	3.0
ESE	.4	.1										.5	2.4
SE	.2	.6										.9	4.3
SSE	.3	.6	.3									1.3	5.1
S	.5	.9	.2									1.6	4.5
SSW	.8	1.0										1.7	3.5
SW	.5	.4	.1									1.1	3.6
WSW	.9	.3			.1							1.3	4.2
W	.9	1.6	1.7	.8	.1							4.9	7.3
WNW	1.0	1.8	1.5	.8								5.1	6.6
NW	.8	1.9	1.8	.2	.1							4.8	6.3
NNW	1.2	2.7	2.5	.3								6.1	6.0
VARIABLE				.1								.1	11.0
CALM	////////////////////////////////////										34.5	////	
TOTALS	31.1	23.7	8.6	2.3	.3							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (COREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.0	1.2	.4	.0	.0							3.6	3.7
NNE	1.3	.2	.0									1.5	2.3
NE	3.7	1.0	.1									4.8	2.7
ENE	6.7	4.5	.2	.0								11.3	3.2
E	4.9	3.4	.3	.1	.0							8.8	3.5
ESE	.7	.2	.0	.0								1.0	3.1
SE	.4	.6	.1	.0								1.2	4.2
SSE	.5	.6	.3	.0								1.5	4.5
S	.9	.9	.2									2.1	4.1
SSW	1.1	.8	.2	.0								2.1	3.9
SW	1.1	1.1	.3	.1								2.6	4.2
WSW	1.6	.8	.4	.2	.0							3.1	4.4
W	2.4	2.4	1.9	.6	.0							7.3	5.5
WNW	1.5	2.3	3.0	1.7	.2							8.9	7.6
NW	1.5	2.0	2.3	1.2	.1							7.1	7.1
NNW	1.5	1.6	1.6	.3								4.9	5.7
VARIABLE			.4	.2	.0							.6	10.0
CALM	////////////////////											27.7	////
TOTALS	31.8	23.8	11.7	4.6	.4							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471223 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.9	1.1	.4									2.4	4.2
NNE	.7	.1	.2									1.1	3.4
NE	3.3	1.1	.2									4.6	2.9
ENE	10.9	6.4	.2									17.5	3.1
E	6.6	3.9										10.5	3.0
ESE	.4											.4	2.7
SE	.2		.1									.4	4.3
SSE	.2	.2										.5	3.5
S	1.4	.4										1.8	2.5
SSW	1.7	.5	.2									2.4	3.2
SW	2.1	.5	.2									2.8	3.0
WSW	1.5	.6	.2	.1								2.5	3.9
W	2.0	2.5	.8	.7								6.0	5.0
WNW	2.0	1.3	1.3	.9								5.6	6.1
NW	1.4	1.8	.6	.8								4.6	6.2
NNW	.7	1.7	1.5	.2								4.1	6.3
VARIABLE			.1									.1	7.0
CALM	////////////////////										32.9	////	
TOTALS	36.2	21.9	6.3	2.8								100.0	2.7

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: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	1.1	.1									2.6	3.4
NNE	.9	.6										1.5	3.2
NE	4.1	1.4	.1									5.7	2.7
ENE	12.4	6.9	.4									19.6	3.1
E	7.4	4.3	.4	.2								12.3	3.3
ESE	.4											.4	1.7
SE	.1	.4										.5	4.8
SSE	.4											.4	2.3
S	.8	.9										1.8	3.9
SSW	.4	.1	.1									.6	3.4
SW	1.2	.2	.2									1.7	3.4
WSW	1.3	.5	.2									2.0	3.2
W	1.2	1.5	.5	.1								3.3	4.8
WNW	1.4	.6	1.5	1.2								4.7	7.6
NW	1.1	.9	1.2	.6	.1							3.9	7.0
NNW	1.1	.8	.9	.4								3.2	5.8
VARIABLE													
CALM	////////////////////											35.9	////
TOTALS	35.6	20.2	5.7	2.5	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 446

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.1	.8										1.9	2.9
NNE	.4	.2										.6	2.8
NE	5.4	1.5	.1									7.1	2.7
ENE	14.7	8.9	.4									23.9	3.1
E	7.8	4.6	.2	.1								12.8	3.3
ESE	.1	.1										.2	3.0
SE	.2	.4										.6	3.6
SSE	.8	.4	.2									1.4	3.7
S	.2	.7										.9	4.0
SSW	.4	.2	.1									.7	4.3
SW	.4	.4	.1									.8	4.1
WSW	.4	.4	.1									.8	4.7
W	2.1	.5	.5									3.1	3.9
WNW	.8	1.1	1.7	.6								4.1	7.1
NW	1.1	1.1	1.2	.2								3.5	6.0
NNW	1.5	1.1	.5	.1								3.2	4.1
VARIABLE													
CALM	////////////////////											34.3	////
TOTALS	37.4	22.2	5.1	1.1								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.4	1.4	.6									4.4	3.6
NNE	2.5	.2										2.7	2.0
NE	2.8	1.1	.4									4.3	3.0
ENE	7.0	3.8	.5	.1								11.3	3.4
E	3.5	2.7	.4	.2	.1							7.0	4.1
ESE	1.4	.6	.1									2.1	3.2
SE	.1	.9	.4									1.4	5.6
SSE	.6	1.7		.1								2.0	4.4
S	1.4	1.1	.2									2.7	3.6
SSW	.7	.6	.7									2.0	5.2
SW	1.9	.8										2.7	2.8
WSW	.9	.8	.4	.1								2.2	5.0
W	1.3	2.3	1.3	.2	.1							5.0	6.0
WNW	.8	1.9	1.9	2.4	.1							7.0	8.8
NW	1.5	1.8	2.4	1.7	.2							7.6	7.6
NNW	1.7	1.7	1.1	.7								4.7	5.6
VARIABLE			.7	.2								.9	9.5
CALM	////////////////////										29.9	////	
TOTALS	30.6	22.7	10.9	5.8	.6							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471223 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	1.9	.2									3.5	4.2
NNE	.5	.4										.9	3.7
NE	1.2	.6	.2									2.0	3.6
ENE	1.3	.7	.7									2.7	4.2
E	.7	.9	1.3	.6								3.5	7.0
ESE	.6	.2	.1	.1								1.1	4.3
SE	.2	.8	.1	.1								1.3	5.4
SSE	.6	1.2	.8									2.6	5.2
S	.7	1.7	.6	.1								3.1	5.0
SSW	1.7	2.2	.2	.4								4.5	4.6
SW	1.8	4.0	1.4	.4								7.6	5.1
WSW	3.0	2.1	1.2	.1								6.4	4.5
W	2.7	3.4	4.5	3.5	.6							14.8	8.2
WNW	2.5	2.8	5.1	6.1	1.4							18.0	9.6
NW	2.4	1.8	2.4	2.6	.2							9.3	7.8
NNW	1.2	1.5	.8	.4								3.9	5.3
VARIABLE	.1		6.1	.8	.1							7.2	9.0
CALM	////////////////////										7.7	////	
TOTALS	22.5	26.4	25.9	15.2	2.4							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	.7										1.9	3.0
NNE	.9	.6	.4									1.3	4.7
NE	.6	.6										1.2	3.4
ENE	.6	.8	.7									2.1	5.2
E	.6	1.3	.5	.2								2.6	5.5
ESE	.6	.5	.2									1.3	4.4
SE	.5	.5	.1									1.1	4.1
SSE		.5	.6									1.1	6.3
S	.8	.6	.1	.1								1.7	4.5
SSW	.4	.9	.8	.2								2.4	6.5
SW	.5	1.5	.6	.5								3.1	6.1
WSW	2.1	1.5	3.1	.9								7.7	6.6
W	2.7	5.3	13.1	5.0	.8							27.0	8.5
WNW	1.9	4.5	10.0	8.0	1.3							25.8	9.4
NW	1.8	1.3	1.9	2.7	.2							7.9	8.4
NNW	.9	.9	.5	.4								2.7	5.5
VARIABLE	.1		3.3	.5								3.9	8.8
CALM	////////////////////////////////////											5.4	////
TOTALS	15.6	22.1	35.9	18.6	2.4							100.0	7.4

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: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.5	.1										.6	2.8
NNE	.7	.1										.8	2.7
NE	1.4	.4	.1									1.9	2.6
ENE	2.2	.6	.2	.1								3.2	3.4
E	1.8	.9	.2									3.0	3.6
ESE		.1										.1	4.0
SE	.4	.1										.5	2.8
SSE	.2	.2	.2	.2								.9	7.0
S	.4	.6										.9	3.5
SSW	1.2	.5	.4									2.0	4.1
SW	1.9	2.8	.6									5.3	4.1
WSW	2.7	3.8	.7	.2								7.4	4.4
W	6.9	14.5	5.8	1.3								28.5	5.3
WNW	3.7	4.8	3.7	2.7	.2							15.1	6.8
NW	.9	1.7	1.1	1.3								5.0	7.1
NNW	.4	.9	.1	.1								1.5	5.2
VARIABLE			.1									.1	9.0
CALM	////////////////////										23.0	////	
TOTALS	25.2	32.3	13.2	6.0	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.7	.8	.2									1.8	4.1
NNE	.7	.2	.1									1.1	3.3
NE	2.6	.5	.1									3.2	2.7
ENE	7.9	3.2	.7	.1								11.9	3.1
E	4.0	2.7	.1									6.9	3.1
ESE	.2	.1	.1									.5	5.0
SE	.4	.4										.7	3.3
SSE	.7		.1									.8	3.3
S	1.7	.7										2.4	2.7
SSW	2.6	.6	.6									3.8	3.5
SW	1.8	1.2	.2									3.2	3.6
WSW	1.1	2.1	.7	.1								4.0	4.9
W	4.0	3.7	.9	.6	.1							9.3	4.7
WNW	1.5	2.7	2.1	.7	.2							6.9	6.8
NW	.7	1.7	1.8	.9								5.1	7.4
NNW	.6	1.9	1.1	.5								4.0	6.2
VARIABLE													
CALM	////////////////////										34.5	////	
TOTALS	31.2	22.0	9.0	3.0	.4							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 78-87
 MONTH: FEB HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.2	1.0	.2									2.4	3.7
NNE	.8	.3	.1									1.2	3.1
NE	2.7	.9	.2									3.7	2.9
ENE	7.1	3.9	.5	.0								11.5	3.2
E	4.1	2.7	.4	.2	.0							7.3	3.7
ESE	.5	.2	.1	.0								.8	3.7
SE	.3	.4	.1	.0								.8	4.5
SSE	.4	.5	.3	.0								1.2	4.8
S	.9	.8	.1	.0								1.9	3.8
SSW	1.1	.7	.4	.1								2.3	4.4
SW	1.4	1.4	.4	.1								3.4	4.3
WSW	1.6	1.5	.8	.2								4.1	4.9
W	2.9	4.7	3.4	1.4	.2							12.1	6.5
WNW	1.8	2.4	3.4	2.8	.4							10.9	8.3
NW	1.4	1.5	1.6	1.4	.1							5.9	7.4
NNW	1.0	1.7	.8	.3								3.4	5.6
VARIABLE	.0		1.3	.2	.0							1.5	9.0
CALM	////////////////////										25.5	////	
TOTALS	29.3	23.7	14.0	6.9	.8							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.1	.2										1.3	2.1
NNE	.8	.2										1.0	2.8
NE	3.3	1.3										4.6	2.6
ENE	10.8	4.9	.6									16.3	3.1
E	5.4	1.6	.8									7.6	3.0
ESE	.6	.1	.2									1.0	3.3
SE	.8	.3										1.1	2.6
SSE	.5	.5										1.1	3.3
S	1.8	.8	.2									2.8	3.0
SSW	1.4	1.0	.6	.2								3.2	4.7
SW	2.4	1.5		.4								4.3	3.9
WSW	1.2	.6	.1	.1								2.0	3.7
W	3.5	2.3	1.0	.9								7.6	4.9
WNW	1.5	1.7	.4	.1								3.8	4.3
NW	1.2	1.1	.6	.2	.1							3.2	5.7
NNW	.8	.2	.2									1.2	4.0
VARIABLE	.1											.1	1.0
CALM	////////////////////										37.1	////	
TOTALS	37.1	18.2	4.8	1.9	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 78-87
 MONTH: MAR HOURS (LST): 0100-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.0	.2										1.2	2.7
NNE	.2	.4										1.3	2.8
NE	4.7	1.2	.2									6.1	2.7
ENE	12.8	5.1	.3									18.2	2.9
E	7.6	2.7	.5									10.9	3.0
ESE	.3	.3	.1									.8	4.4
SE	.2		.1									.3	4.3
ESE	.5	.1										.6	2.2
S	1.4	.5	.1									2.0	3.1
SSW	1.0	.3	.3	.1								1.7	4.4
SW	1.8	.4										2.3	2.6
WSW	1.0	.1	.3									1.4	3.6
W	2.3	3.2	.5	.6								6.7	5.0
WNW	1.7	.5	.6	.1								3.0	4.4
NW	.9	.3	1.0	.5								2.7	2.1
NNW	1.0	.8										1.7	3.4
VARIABLE													
CALM	////////////////////////////////////										39.1	////	
TOTALS	39.0	16.7	4.2	1.4								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.1	.2	.2									1.5	3.1
NNE	1.7	.3	.2									2.3	3.0
NE	7.3	1.1	.6	.1								9.1	2.8
ENE	14.0	3.5	.4									18.0	2.8
E	9.2	2.4	.4									12.0	2.7
ESE	.3											.3	1.7
SE	.2	.8	.2									1.2	4.8
SSE	.4	.6	.3									1.4	4.5
S	.5	.1	.3									1.0	4.2
SSW	.6	.1		.2								1.4	4.9
SW	1.3	.7	.1	.1								1.9	3.4
WSW	.6	.7	.3	.1								1.3	5.2
W	2.4	1.7	1.1	.5								5.7	5.2
WSW	1.1	1.2	.7		.1							2.7	4.6
W	.8	.9	.5	.3	.1							2.6	6.8
WNW	.9	.4	.3									1.5	4.4
VARIABLE													
CALM	////////////////////											36.2	////
TOTALS	42.4	14.3	5.5	1.9	.2							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 235

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.0	1.2	.5									4.7	3.3
NNE	1.7	.2	.3									2.2	3.3
NE	2.8	.8	.4									4.0	3.1
ENE	4.4	2.0	.9	.1								7.4	3.8
E	2.5	1.7	1.9	.5								6.6	5.4
ESE	1.0	1.0	.2	.1								2.3	4.1
SE	.6	1.6	.3									2.6	4.4
SSE	1.1	1.2	.4									2.7	4.4
S	1.9	2.0	.8	.2								4.9	4.6
SSW	2.4	1.1	.6	.2								4.3	4.4
SW	2.0	1.7	.3	.8								4.8	4.9
WSW	1.4	1.1	.3	.1								2.9	4.0
W	1.8	2.0	1.5	1.3	.1							6.7	6.8
WNW	1.5	1.6	1.7	1.0								5.8	6.9
NW	1.6	1.9	1.7	1.4								6.7	6.9
NNW	1.8	1.4	1.5	.6								5.4	5.8
VARIABLE			1.0	.2								1.2	8.0
CALM	////////////////////											24.6	////
TOTALS	31.6	22.6	14.5	6.6	.1							100.0	3.8

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: 471220 STATION NAME: OSAN AB (KOREA)

PERIOD OF RECORD: 7A-87
 MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.3	1.2	.5	.1								3.1	4.7
NNE	.8	.8	.2	.1								1.8	4.4
NE	.5	1.0	.3	.4								2.3	6.4
ENE	.8	1.7	1.0	.1	.1							3.7	5.9
E	.6	1.5	1.4	.5								4.1	6.9
ESE	.5	.4	.5	.2								1.7	6.1
SE	.3	1.3										1.6	4.2
SSE	1.0	1.4	.3									2.7	4.3
S	1.8	2.4	.3	.1	.1							4.7	4.8
SSW	1.6	2.3	.3	.6								4.8	5.4
SW	2.8	3.9	1.0	.4								9.0	4.7
WSW	2.6	3.4	1.8	1.0	.2							9.0	6.1
W	4.0	4.5	5.5	3.8	.5							19.3	7.6
WNN	2.6	2.9	2.9	3.4	.2							12.0	8.0
NW	1.5	1.2	1.8	1.0	.1							5.6	7.1
NNW	1.4	2.7	.8	.1								4.5	4.7
VARIABLE	.4	.4	6.1	1.0								8.2	8.2
CALM	////////////////////										3.9	////	
TOTALS	24.5	32.6	24.8	12.9	1.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	.8	.4									2.4	4.2
NNE	.4	.2	.2									.9	4.1
NE	.5	1.1	.4	.2								2.3	5.9
ENE	.1	.8	.5									1.4	6.2
E	.8	.9	1.6	.3								3.5	6.7
ESE	.3	.6	.6	.1								1.7	6.3
SE	.1	.2	.1									.4	5.5
SSE	.3	.4										.8	3.3
S	1.0	1.0	.3									2.3	3.7
SSW	1.0	1.2	.3	1.1								3.5	7.3
SW	1.0	1.3	1.5	.4								4.2	6.0
WSW	.8	2.4	3.2	1.6	.1							8.1	7.9
W	2.2	4.9	11.9	9.1	.9							29.0	9.3
WNW	2.0	3.4	10.6	5.5	.5							22.5	8.8
NW	1.5	1.3	3.2	.8	.1							6.9	7.0
NNW	.8	1.2	.2	.2								2.4	5.1
VARIABLE	.1	.1	4.1	1.2								5.5	9.1
CALM	////////////////////											2.4	////
TOTALS	14.0	22.0	39.5	20.5	1.6							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	.6	.4									2.2	4.1
NNE	.9	.6	.1									1.6	3.7
NE	1.1	.3	.1									1.5	3.2
NNE	1.1	.5										1.6	2.8
E	1.0	1.3	.9									3.1	5.2
ESE	.3	.5	.2									1.1	4.7
SE	.5	.2										.8	2.7
SSE	.3	.2	.1									.6	3.3
S	.3	.3	.2									.9	4.6
SSW	.9	1.6	.5	.3								3.3	5.4
SW	1.3	1.9	1.3	.1								4.6	5.2
WSW	1.5	3.3	3.0	.2								8.1	5.9
W	6.2	8.7	10.2	3.1								29.3	6.5
WNW	4.7	6.2	4.1	1.8								16.9	6.0
NW	3.3	2.6	1.3									7.2	4.1
NNW	.9	.9	.5									2.3	4.4
VARIABLE			.1									.1	8.0
CALM	////////////////////											15.9	////
TOTALS	25.4	30.0	23.1	5.6								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: 471220 STATION NAME: OSAN AB (KOREA)

PERIOD OF RECORD: 79-87
 MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.0	.5	.2									1.7	3.8
NNE	.3	.1										.4	3.0
NE	2.6	.5										3.1	2.5
ENE	5.8	1.9	.2									8.0	2.8
E	2.7	1.1	.5	.1								4.4	3.9
ESE	.6	.4	.1									1.2	3.3
SE	.8	.1	.1									1.0	3.2
SSE	.4	.4										.9	3.5
S	2.3	1.1	.4									3.8	3.5
SSW	3.5	2.5	.5									6.6	3.7
SW	3.5	2.2	.6									6.3	3.6
WSW	2.7	2.6	.4	.2								5.9	4.1
W	4.4	4.1	1.4	.2								10.1	4.3
WNW	1.4	1.9	1.4	.2	.2							5.2	6.0
NW	.5	1.8	.8	.2								3.3	6.1
NNW	.8	.1	.2									.8	4.1
VARIABLE													
CALM	////////////////////											37.4	////
TOTALS	33.0	21.4	7.0	1.0	.2							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.3	.6	.3	.0								2.3	3.6
NNE	.9	.4	.1	.0								1.4	3.4
NE	2.9	.9	.3	.1								4.1	3.2
ENE	6.2	2.6	.5	.0	.0							9.3	3.2
E	3.7	1.6	1.0	.2								6.5	4.0
ESE	.5	.4	.3	.1								1.2	4.7
SE	.4	.6	.1									1.1	4.0
SSE	.6	.6	.1									1.3	3.9
S	1.4	1.0	.3	.0	.0							2.8	4.0
SSW	1.5	1.7	.4	.3								3.6	4.9
SW	2.0	1.6	.6	.3								4.5	4.5
WSW	1.5	1.7	1.2	.4	.0							4.8	5.7
W	3.3	3.9	4.2	2.4	.2							14.1	7.0
WNW	2.1	2.5	2.8	1.5	.1							9.0	7.1
NW	1.4	1.4	1.4	.6	.1							4.8	6.2
NNW	1.0	1.0	.5	.1								2.5	4.8
VARIABLE	.1	.1	1.4	.3								1.9	8.5
CALM	////////////////////										24.6	////	
TOTALS	30.4	22.3	15.4	6.4	.4							100.0	3.9

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: 471220 STATION NAME: OSAN AB (OREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.0	.6	.1									1.7	3.1
NNE	1.3	.6	.1									2.0	2.9
NE	4.7	1.2	.1									6.0	2.6
ENE	9.4	4.0	.3									13.7	2.9
E	5.7	3.4	.7									9.8	3.3
ESE	.4	.1										.6	2.6
SE	1.1	.2										1.3	2.3
SSE	1.6	.9	.2									2.7	3.5
S	1.9	.7	.3									2.9	3.4
SSW	2.9	1.4	.4	.2								5.4	3.8
SW	2.3	1.2	.6	.7	.1							4.9	5.4
WSW	1.3	.9	.8	.1								3.1	5.0
W	2.3	1.8	.9	.4								5.5	5.0
WNW	.7	.8	.4	.2								2.1	5.6
NW	.7	.4										1.1	3.2
NNW	.4		.1									.6	3.2
VARIABLE			.1									.1	10.0
CALM	////////////////////										36.6	////	
TOTALS	37.8	18.6	5.2	1.7	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 997

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.4	.2	.3									1.0	4.6
NNE	1.9	.7	.1									2.7	3.1
NE	5.8	1.7	.3									7.8	2.9
ENE	13.2	4.3	.8									18.3	3.0
E	12.4	3.9	.8	.1								16.1	3.1
ESE	1.6	.4	.1									2.1	3.0
SE	.7	.7										1.3	3.6
SSE	1.1	.2	.6									1.9	3.8
S	1.0	.4	.1	.1	.1							1.8	4.6
SSW	1.6	.7	.3	.3								2.9	4.7
SW	.9	.9	.7									2.5	4.8
WSW	.8	.8	1.1	.7								3.3	7.0
W	1.1	1.4	.8	.6								3.9	6.1
WNW	.4	.8	.7	.1								2.0	5.8
NW	.4	.3										.8	3.6
NNW	.8	.7	.2									1.3	3.9
VARIABLE			.2									.2	9.0
CALM	////////////////////										30.1	////	
TOTALS	43.0	17.7	7.1	1.9	.1							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	.9	.2									2.0	3.8
NNE	1.8	.8	.1									2.7	2.8
NE	7.5	2.1	.7	.2								10.5	3.2
ENE	13.5	3.6	.3	.1								7.5	2.9
E	8.0	4.1	1.3	.4								13.9	3.8
ESE	.8	1.1	.3									2.2	4.4
SE	.9	.4	.2									1.6	3.6
SSE	.9	.7	.1									1.7	3.6
S	1.2	.4	.1	.2								2.0	4.5
SSW	.7	.6	.3	.6								2.1	6.5
SW	.9	.7	.6	.3								2.5	6.0
WSW	.4	1.1	.7	.3								2.6	6.4
W	1.2	.4	.6	.2								2.5	5.0
WNW	.8	.9	.2	.3								2.2	5.6
NW	.2	.9										1.1	4.3
NNW	.7	.3	.1									1.1	3.3
VARIABLE		.1	.6	.1								.8	8.1
CALM	////////////////////											31.1	////
TOTALS	40.4	19.2	6.5	2.9								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 997

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.8	1.0	.2									3.0	3.4
NNE	1.7	.7	.3									2.7	3.1
NE	2.4	1.1	.8	.1								4.4	4.2
ENE	2.0	1.0	1.4	.7								5.1	6.1
E	3.0	2.1	1.2	.9								7.2	5.3
ESE	1.0	1.8	.9									3.7	4.8
SE	1.0	1.8	.4	.2								3.4	5.0
SSE	1.7	3.3	1.6									6.6	4.9
S	3.0	3.1	1.0	.4								7.6	4.5
SSW	2.1	2.7	1.1	.6	.1							6.8	5.6
SW	2.2	2.3	1.2	.8	.1							6.7	5.7
WSW	1.9	1.4	.6	.7		.3						4.9	6.8
W	1.9	2.4	.4	.3	.4							5.6	5.8
WNW	2.1	.6	.8	.3								3.8	4.9
NW	1.6	1.0	.9	.4	.1							4.0	6.2
NNW	.8	.9	.1	.7	.1							2.0	5.7
VARIABLE	.1	.1	2.3	.4								3.0	8.4
CALM	////////////////////////////////////										29.1	////	
TOTALS	30.2	27.0	15.3	6.1	.9	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 900

WORLDWIDE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.9	.7	.2	.1								1.9	4.5
NNE	.9	.7	.3									1.4	3.9
NE	.3	.8	.6	.3								2.0	7.2
ENE	.3	1.2	.7	.4	.2							2.9	7.7
E	.8	.7	1.6	1.0	.1							4.1	7.9
ESE	.6	.1	.3	.1		.1						1.2	6.6
SE	1.1	.9	.2									2.2	4.0
SSE	1.3	2.0	.2	.2								3.8	4.9
S	2.3	3.3	.6	.6								6.8	4.8
SSW	1.2	3.2	1.8	1.8	.1	.1						8.2	7.4
SW	1.6	4.2	2.0	.9	.4	.1						9.2	7.0
WSW	1.4	3.7	2.3	2.1	.4	.3						10.3	8.3
W	3.6	6.1	3.3	2.7	.8	.4						16.9	7.6
WNW	2.0	1.8	1.6	2.7	.3	.1						8.0	8.1
NW	1.9	1.0	.8	.4	.1	.1						4.3	6.1
NNW	.9	.9	.6									2.3	5.0
VARIABLE	.1	.1	6.6	7.4	.2							9.4	9.7
CALM	////////////////////										4.9	////	
TOTALS	21.2	30.9	23.6	15.3	2.8	1.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	.3	.1									1.4	2.9
NNE	.2	.3	.4									1.0	5.4
NE	.6	.8	.2	.3								1.9	6.3
ENE	.2	.3	.2	.4								1.2	8.3
E	.1	1.4	1.3	.8								3.7	8.1
ESE			.2	.2								.4	10.5
SE	.3	.3	.4									1.1	5.9
SSE	.4	.4	.2	.1								1.2	4.5
S	.4	1.2	.4	.2								2.3	6.0
SSW	.7	1.0	1.2	2.2	.4	.1	.1					5.8	10.5
SW	1.1	2.7	1.8	1.6	.4							7.6	7.9
WSW	.9	1.9	4.1	1.9	.4							9.1	8.8
W	2.7	5.6	13.0	9.8	1.4	.4						32.9	9.5
WNW	1.6	4.2	6.7	3.6	.3							15.9	8.3
NW	.8	1.7	1.4	.4	.1	.1						4.5	7.2
NNW	.2	1.0	.3									1.6	4.9
VARIABLE			4.0	1.6	.2							5.8	10.3
CALM	////////////////////											2.6	////
TOTALS	11.2	23.1	35.8	23.1	3.4	.7	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.0	.4	.1									1.6	3.0
NNE	.8	.6	.1	.1								1.6	4.2
NE	.4	.7	.2	.1								1.4	4.6
ENE	.4	.7	.4	.1								1.7	5.8
E	.8	.9	1.1	.2								3.0	6.0
ESE	.8	.8	.2									1.8	3.9
SE		.6	.1									.7	5.2
SSE	.2	.1	.3									.7	6.2
S	.1	.6	.3		.1							1.1	6.7
SSW	.6	1.6	1.9	.6	.2							4.8	7.6
SW	.8	3.2	2.2	.6								6.8	8.5
WSW	1.6	3.1	3.7	.5								8.9	6.4
W	6.6	8.6	10.6	3.9	.3	.1						30.0	6.9
WNW	3.8	6.2	4.2	.7								14.9	5.6
W	3.3	3.0	3.1									7.4	4.1
NNW	1.6	.9	.1									2.6	3.0
VARIABLE			.4	.5								.8	10.0
CALM	////////////////////										10.4	////	
TOTALS	22.7	31.8	27.2	7.1	.7	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.7	.6										1.2	3.4
NNE	.8	.3										1.1	2.8
NE	2.0	.8	.1									2.9	3.2
ENE	3.6	1.8	.7									6.0	3.4
E	3.4	2.0	.4	.1								6.0	3.6
ESE	.6	.7	.1									1.3	4.3
SE	.8		.1									.9	2.8
SSE	1.4	.4	.2									2.1	3.4
S	3.0	1.0	.2		.1							4.3	3.3
SSW	2.3	3.3	.6	.2			.1					6.6	4.9
SW	3.1	3.6	1.2	.3	.1	.1						8.4	5.0
WSW	2.3	2.6	1.3	.6								6.8	5.2
W	3.9	4.4	2.9	.6								11.8	5.2
WNW	2.4	1.1	.8	.1								4.4	4.2
NW	.7	.7										1.3	3.1
NNW	.4											.4	2.0
VARIABLE			.1									.1	9.0
CALM	////////////////////										34.2	////	
TOTALS	31.4	23.0	8.8	1.9	.2	.1	.1					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFLIAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DFORCES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.0	.6	.2	.0								1.7	3.6
NNE	1.2	.5	.2	.0								1.9	3.3
NE	3.0	1.1	.4	.1								4.6	3.6
ENE	5.3	2.1	.6	.2	.0							8.3	3.6
E	4.1	2.3	1.1	.4	.0							8.0	4.3
ESE	.7	.6	.3	.0		.0						1.7	4.5
SE	.7	.6	.2	.0								1.6	4.1
SSE	1.1	1.0	.4	.0								2.6	4.4
S	1.6	1.3	.4	.2	.0							3.6	4.5
SSW	1.5	1.9	1.0	.8	.1	.0	.0					5.3	6.6
SW	1.6	2.4	1.3	.6	.2	.0						6.1	6.2
WSW	1.3	1.9	1.8	.9	.1	.1						6.1	7.1
W	2.9	3.9	4.1	2.3	.4	.1						13.6	7.4
WNW	1.7	2.0	1.9	.9	.1	.0						6.7	6.6
NW	1.2	1.1	.5	.2	.0	.0						3.1	5.3
NNW	.7	.5	.2	.0	.0							1.5	4.2
VARIABLE	.0	.0	1.8	.6	.1							2.5	9.6
CALM	////////////////////////////////////										21.2	////	
TOTALS	29.7	23.9	16.2	7.5	1.0	.3	.0					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 7191

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0		.1									1.1	2.6
NNE	1.0	1.2										2.2	3.3
NE	3.4	.9	.4									4.7	3.0
ENE	9.7	3.1	.2									13.0	2.9
E	7.0	3.2	.2									10.4	3.2
ESE	1.2											1.2	2.1
SF	1.0	.1										1.1	2.1
SSE	1.2	.1	.2									1.5	2.9
S	1.8	1.4	.5	.3								4.1	4.9
SSW	3.8	1.3	.8	.1	.1							6.0	3.8
SW	3.0	2.2	.3	.2	.1	.1						5.9	4.5
WSW	1.2	1.4	.5	.6								3.8	6.0
W	2.6	.8	.8	.1								4.2	4.1
WNW	.8	.2	.1									1.1	3.2
NW	.2		.2									.4	5.0
NNW	.5	.1	.1									.8	3.3
VARIABLE		.1	.2	.1								.4	9.0
CALM	////////////////////											39.2	////
TOTALS	39.2	16.0	4.7	1.5	.2	.1						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471223 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.3		.1								.9	3.9
NNE	1.3	.2										1.5	2.3
NE	6.8	.9	.3									8.0	2.6
ENE	14.7	4.7	.2									19.7	2.8
E	10.0	3.8	.5	.1								14.4	3.0
ESE	1.0	.4	.3									1.7	3.9
SE	.8	.4										1.2	2.9
SSE	1.1	.4										1.5	2.9
S	1.2	.6	.4	.2								2.5	4.7
SSW	1.1	.8	.8	.2								2.8	5.0
SW	1.0	.5	.5			.1						2.2	5.5
WSW	.6	.8	.5	.3								2.3	6.2
W	1.0	.9	1.7	.2								3.8	6.2
WNW	.4	.3										.8	3.1
NW	.3	.1	.1									.5	3.4
NNW	.3											.3	1.7
VARIABLE				.1								.1	12.0
CALM	////////////////////											36.0	////
TOTALS	41.9	15.2	5.5	1.3		.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: 471227 STATION NAME: OSAN AB (DREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.8	.2										1.0	2.6
NNE	1.2	.3	.1									1.6	2.7
NE	8.4	2.2	.5	.1								11.2	2.9
ENE	15.2	4.7	.1									20.0	2.8
E	7.6	5.3	.8									13.7	3.4
ESE	1.4	.9	.2									2.5	3.6
SE	1.1	1.2	.2	.1								2.6	4.3
SSE	1.1	.4	.2									1.7	3.4
S	1.5	.6	.5	.1								2.8	4.2
SSW	1.2	.3	.4	.1								2.0	4.5
SW	1.1	.9	1.2	.1								3.1	5.7
WSW		1.1	.4	.2								1.7	6.4
W	1.1	1.2	1.6	.1								4.0	5.7
WNW	.4	.5	.1	.2								1.3	5.5
NW	.2	.2										.4	4.3
NNW	.1											.1	2.0
VARIABLE			.2	.2								.4	9.5
CALM	////////////////////										29.9	////	
TOTALS	42.3	19.9	6.7	1.3								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: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.6	.9										3.4	2.8
NNE	1.9	.8	.2	.2								3.1	3.7
NE	2.4	.6	.8	.3								4.1	4.7
ENE	2.3	1.5	.5	.1								4.4	3.7
E	1.5	2.6	1.4	.1								5.6	5.0
ESE	.8	2.3	.5									3.5	4.8
SE	1.2	2.2	.1									3.4	3.8
SSE	1.4	2.3	1.1									4.7	4.8
S	2.3	3.5	.9	.4								7.1	4.9
SSW	2.5	2.3	1.0	.5		.1						6.3	5.3
SW	2.8	3.3	1.3	.8								8.2	5.2
WSW	2.9	2.8	1.4	.5								7.6	4.8
W	2.5	1.2	2.2	1.2								7.0	6.2
WNW	3.1	.9	.6	.2								5.1	3.6
NW	1.8	.8	.2	.3								3.1	4.3
NNW	1.5	.5	.4									2.5	3.7
VARIABLE		.1	2.6	.5								3.2	8.8
CALM	////////////////////											17.5	////
TOTALS	33.5	28.4	15.2	5.3		.1						100.0	4.0

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: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	.5	.2									2.3	3.3
NNE	.9	.4	.2									1.5	3.3
NE	1.3	.5	1.0	.1								2.9	5.2
ENE	.9	2.2	.3	.3								3.7	5.5
E	.6	2.3	1.6									4.5	5.6
ESE	1.1	1.5	.3									2.9	4.3
SE	1.1	1.1										2.2	3.6
SSE	.5	.9	.1									1.5	3.8
S	1.4	1.7	.3	.2								3.7	4.5
SSW	2.3	2.9	1.3	1.1	.1	.3						8.0	6.9
SW	1.9	3.8	2.3	1.0	.1							9.0	6.3
WSW	2.9	4.0	2.5	1.2	.2							10.8	6.2
W	4.6	7.7	4.2	2.0	.2							18.3	6.0
WNW	2.3	3.1	1.6	.3	.1							7.4	5.4
NW	2.2	1.8	.5									4.5	4.1
NNW	1.5	.9	.2		.1							2.7	4.2
VARIABLE		.2	8.2	1.7	.2							10.3	9.3
CALM	////////////////////											4.0	////
TOTALS	26.9	34.9	24.8	8.0	1.1	.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (OREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	.5	.2									1.6	3.9
NNE	.4	.4	.1	.1								1.1	4.5
NE	.4	.1	1.1	.3								1.7	6.9
ENE	.4	1.3	.8	.1								2.6	5.8
E	1.1	1.4	.5	.2								3.2	5.2
ESE	.3	.9	.6									1.8	6.0
SE	.3	.3	.1		.1							.9	6.1
SSE	.5	.5	.1	.1								1.3	4.5
S	.6	.8	.1	.1								1.6	4.1
SSW	1.5	1.1	1.4	.6	.2							4.8	7.1
SW	.8	1.4	2.6	2.2	.4							7.3	9.2
WSW	1.0	2.4	3.5	1.9	.5							9.4	8.3
W	1.8	8.0	13.1	4.4	.1							27.4	7.7
WNW	2.0	5.6	6.2	1.6								15.5	6.8
NW	.9	2.7	1.5									4.9	5.7
NNW	1.5	.8	.3									2.6	3.3
VARIABLE		.1	6.0	1.5	.4	.2						8.3	10.2
CALM	////////////////////											4.0	////
TOTALS	14.4	28.7	38.4	13.0	1.8	.2						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: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.3	.6	.1									1.9	3.3
NNE	.6	.4	.2									1.3	4.1
NE	.5	.3	.2									1.1	4.3
ENE	.5	.7	1.0	.1								1.8	6.4
E	.4	1.1	.8									2.3	5.5
ESE	.5	.4	.1									1.1	3.6
SE	.8	.8	.3									1.8	4.4
SSE	.2	.9	.2	.1								1.4	5.8
S	.5	.8	.2									1.5	4.2
SSW	1.0	.5	1.9	.6								4.1	7.3
SW	1.6	1.9	3.3	.5	.1							7.5	6.5
WSW	1.6	3.7	2.6	1.2	.1							9.1	6.4
W	5.4	16.5	8.2	1.3	.1							31.4	5.5
WNW	4.4	6.9	4.2									15.5	5.0
NW	1.9	2.9	1.0									5.8	4.5
NNW	1.2	.9	.3									2.4	3.8
VARIABLE			1.0	.3								1.3	9.0
CALM	////////////////////										8.7	////	
TOTALS	22.6	38.6	25.6	4.7	.3							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (DREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.9	.3										1.2	2.5
NNE	.6	.4	.4	.1								1.6	5.1
NE	2.0	.4	.1									2.6	2.8
ENE	3.9	1.6	.3	.1								5.8	3.3
E	3.4	1.7	.5									5.7	3.5
ESE	.5	.3	.1									1.0	3.6
SE	.5	.4	.1									1.1	4.1
SSE	.9	.3	.2									1.4	3.8
S	2.9	1.2	.4	.1								4.6	3.5
SSW	2.9	2.7	.9	.3								6.8	4.4
SW	3.4	3.0	1.2	.2								7.8	4.3
WSW	1.9	3.3	1.4	.1								6.8	4.9
W	7.3	3.6	.9	.2								11.9	3.5
WNW	3.4	1.1	.1									4.6	2.8
NW	1.0	.6										1.5	2.9
NNW	.2	.1	.1									.4	5.0
VARIABLE			.5	.1								.6	8.5
CALM	////////////////////										34.5	////	
TOTALS	35.9	21.0	7.3	1.3								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.2	.4	.1	.0								1.7	3.1
NNE	1.0	.5	.2	.1								1.7	3.6
NE	3.2	.7	.6	.1								4.5	3.5
ENE	5.9	2.4	.4	.1								8.9	3.3
E	4.0	2.7	.8	.1								7.5	3.8
ESE	.8	.8	.3									2.0	4.2
SE	.8	.8	.1	.0	.0							1.8	3.9
SSE	.9	.7	.3	.0								1.9	4.1
S	1.5	1.3	.4	.2								3.5	4.4
SSW	2.0	1.5	1.0	.5	.1	.1						5.1	5.6
SW	1.9	2.1	1.6	.6	.1	.0						6.4	6.0
WSW	1.5	2.4	1.6	.8	.1							6.4	6.2
W	3.3	4.9	4.1	1.2	.1							13.5	6.0
WNW	2.1	2.3	1.6	.3	.0							6.4	5.2
NW	1.0	1.1	.4	.0								2.7	4.5
NNW	.9	.4	.2		.0							1.5	3.7
VARIABLE		.1	2.3	.6	.1	.7						3.1	9.5
CALM	////////////////////											21.6	////
TOTALS	32.1	25.7	16.0	4.5	.4	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.8	.6	.1									1.4	3.5
NNE	1.0	.1										1.1	2.5
NE	3.1	1.7	.1									4.9	3.1
ENE	7.2	3.1	.1	.1								10.6	2.9
E	6.1	.7	.3									7.1	2.7
ESE	2.0	.6	.2	.1								2.9	3.5
SE	1.3	.3	.2	.1								2.0	3.7
SSE	.9	.6	.1									1.6	3.5
S	1.7	1.2	.7									3.6	4.2
SSW	2.3	1.0	.2	.2								3.9	3.8
SW	3.0	1.6	.6	.1								5.2	3.8
WSW	2.6	.6	.6	.2								3.9	3.7
W	2.8	1.0	.1	.1								4.0	3.0
WNW	2.1	.9										2.9	2.7
NW	.3	.1	.1									.5	3.6
NNW	.2	.2										.4	3.0
VARIABLE													
CALM	////////////////////											44.1	////
TOTALS	37.4	14.0	3.4	1.0								55.8	3.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.3											.3	1.0
NNE	2.0	.7										2.7	2.9
NE	5.3	.9										6.2	2.5
ENE	11.0	1.9	.2									13.1	2.5
E	10.8	2.1	.6									13.4	2.7
ESE	2.4	.8	.1	.1								3.4	3.0
SE	1.0	.8	.1									1.9	3.4
SSE	1.1	.6		.1								1.9	3.1
S	1.2	.4	.7	.1								2.4	4.7
SSW	2.2	.8	.2	.1								3.3	3.6
SW	1.3	.7	.2									2.2	3.7
WSW	1.0	.8	.7	.2								2.7	5.4
W	1.0	1.2	.4	.1								2.8	4.4
WNW	.8	.3	.2									1.3	3.5
NW	.2	.1										.3	3.3
NNW	.1	.1	.1									.3	5.0
VARIABLE													
CALM	////////////////////											41.7	////
TOTALS	41.9	12.1	3.6	.8								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	.2										1.1	2.3
NNE	1.6	.4										2.0	2.6
NE	4.9	.9										5.8	2.3
ENE	11.2	3.4	.2									14.9	2.7
E	9.7	3.3	1.1									14.1	3.2
ESE	2.8	1.2	.3	.1								4.4	3.4
SE	2.0	1.0										3.0	2.7
SSE	2.0	.6	.3									2.9	3.5
S	2.8	.8	.1	.1								3.9	2.9
SSW	1.9	2.0	.6	.2								4.7	4.4
SW	1.1	.7	.2	.1								2.1	4.1
WSW	1.0	.6	.4									2.0	4.5
W	1.0	1.0	.2									2.2	2.8
WNW	1.1	.2										1.3	2.4
NW	.8											.8	2.3
NNW	.9	.1	.1									1.1	2.8
VARIABLE													
CALM	////////////////////											33.8	////
TOTALS	45.6	16.4	3.7	.6								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56			
N	2.6	.7											2.8	2.1
NNE	2.2	.7											2.9	2.7
NE	2.9	1.8	.2										4.7	3.2
NNE	2.9	2.3	.3										5.6	3.6
E	3.3	3.9	1.7	.6									9.4	5.0
ESE	2.7	1.6	1.0	.1									5.3	4.3
SE	1.9	1.7	.2										3.8	3.7
SSE	2.2	2.4	.4										5.1	4.0
S	3.0	3.1	.7	.2									7.0	4.5
SSW	3.7	3.4	1.1	.1									8.3	4.1
SW	2.7	1.9	.8	.3									5.6	4.4
WSW	2.1	1.9	1.0	.1									5.1	4.7
W	2.0	1.8	.7	.1									4.6	4.4
WNW	2.6	.4		.1									3.1	2.6
NW	2.6	.4	.1										3.1	2.5
NNW	2.2	1.3											3.6	2.8
VARIABLE			1.4										1.4	7.7
CALM	////////////////////											18.4	////	
TOTALS	41.4	28.8	9.7	1.7									100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (DREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.7	.7		.1								3.4	2.9
NNE	2.0	.9	.1									3.0	3.2
NE	.7	.7	.3									1.7	4.7
ENE	1.3	1.4	.6									3.3	4.0
E	2.2	2.7	.3	.6	.1							5.9	5.2
ESE	1.1	1.9	.7	.9								4.6	5.9
SE	.9	1.1	.6	.2								2.8	5.2
SSE	1.0	.7	.1									1.8	3.7
S	2.8	1.8	1.4		.1							6.1	5.0
SSW	2.8	3.2	1.3	.3								7.7	4.8
SW	2.6	5.0	1.4	.6	.3							9.9	5.7
WSW	2.9	5.7	1.2	.7								10.0	5.1
W	3.6	6.1	2.8	.2								12.7	5.1
WNW	2.8	3.1	.7									6.6	4.2
W	3.7	2.7	.3									6.7	5.4
NNW	1.4	1.0	.2									2.7	3.7
VARIABLE		.2	3.3	.6								4.1	8.5
CALM	////////////////////										7.7	////	
TOTALS	34.3	37.9	15.4	4.1	.6							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 700

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.0	1.1	.2									2.3	4.0
NNE	.7	.3	.6	.1								1.7	5.1
NE	.9	.7	.1	.1								1.8	3.9
ENE	.8	.4	.3	.3								1.9	5.6
E	.7	1.4	.6	.3								3.0	5.7
ESE	1.1	1.3	1.9	.1								4.4	5.8
SE	.3	1.2	.2									1.8	4.9
SSE	1.0	.6	.2									1.8	3.8
S	1.3	1.8	.4									3.6	4.0
SSW	1.2	1.8	1.3	1.1								5.4	6.7
SW	1.4	2.1	2.2	.6	.1							6.4	6.5
WSW	1.3	3.5	2.8	.7								8.6	6.3
W	5.0	8.0	8.1	1.3								22.4	6.0
WNW	3.1	4.3	5.2	.2								12.9	5.7
NW	1.3	3.0	1.2	.1								5.7	5.0
NNW	2.3	1.4										3.8	3.2
VARIABLE		.4	4.8	.7								5.9	8.2
CALM	////////////////////											6.7	////
TOTALS	23.6	33.8	30.2	5.7	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (OREA)

PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS (LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	1.0	.3									2.3	4.0
NNE	.9	.3	.2									1.0	4.4
NE	.9	.7	.3									1.4	4.8
ENE	.6	.1	.8	.1								1.6	6.4
E	1.7	.9	1.1	.2								3.9	5.0
ESE	1.6	1.0	.3									2.9	3.7
SE	.6	.8	.2									1.6	4.4
SSE	.8	.3	.1	.1								1.3	3.8
S	1.7	1.4	.2									3.3	3.8
SSW	1.0	1.1	.8	.2								3.1	5.6
SW	1.6	1.4	1.6	1.1								5.7	7.0
WSW	1.7	3.2	1.1	.4								6.4	5.3
W	7.3	12.9	6.2	.2								26.7	4.9
WNW	5.2	9.3	3.1									17.7	4.7
NW	2.6	3.7	.6									6.8	4.2
NNW	1.6	1.3	.1									3.0	3.5
VARIABLE			.7									.7	8.2
CALM	////////////////////											10.7	////
TOTALS	29.6	39.6	17.8	2.4								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	.1	.1									1.2	2.6
NNF	.3	.6	.1									1.0	4.3
NE	1.6	.7										2.2	2.7
ENE	2.8	.9	.4									4.1	3.1
E	3.3	1.3	.4	.1								5.2	3.5
ESE	1.2	.7	.3									2.2	3.8
SE	.8	.6	.1									1.4	3.5
SSE	.2	.7	.2									1.1	4.9
S	1.1	.9	.2									2.2	3.9
SSW	1.9	1.6	.8	.1								4.3	4.1
SW	4.0	2.6	1.3	.1								8.0	4.3
WSW	2.9	1.7	.6	.4								5.6	4.4
W	8.2	4.3	.2									12.8	3.0
WNW	4.9	.7		.1								5.7	2.6
NW	2.4	.1	.1									2.7	2.2
NNW	.9		.1									1.0	2.7
VARIABLE			.2									.2	7.0
CALM	////////////////////////////////////											39.0	////
TOTALS	37.6	17.2	5.3	.9								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (OREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.3	.5	.1	.0								1.9	3.0
NNE	1.3	.5	.1	.0								1.9	3.3
NE	2.5	1.0	.1	.0								3.6	3.0
ENE	4.7	1.7	.4	.1								6.9	3.1
E	4.7	2.0	.8	.2	.0							7.8	3.7
ESE	1.9	1.1	.6	.2								3.8	4.3
SE	1.1	.9	.2	.0								2.3	3.9
SSE	1.2	.8	.2	.0								2.2	3.8
S	1.9	1.4	.6	.1	.0							4.0	4.2
SSW	2.1	1.9	.8	.3								5.1	4.7
SW	2.2	2.0	1.0	.4	.1							5.6	5.2
WSW	1.9	2.2	1.0	.3								5.5	5.1
W	3.9	4.5	2.3	.3								11.0	4.8
WNW	2.8	2.4	1.2	.1								6.4	4.3
NW	1.7	1.2	.3	.0								3.3	3.7
NNW	1.2	.7	.1									2.0	3.2
VARIABLE		.1	1.3	.2								1.5	8.2
CALM	////////////////////										25.2	////	
TOTALS	36.4	25.0	11.1	2.1	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	.1										.6	2.5
NNE	.9											.9	2.4
NE	2.7	.5										3.2	2.4
NNE	6.0	1.7	.1									7.8	2.8
E	5.8	2.0	.2	.3								8.4	3.2
ESE	1.7	.5	.1	.3								2.7	4.1
SE	.8	.3	.1									1.2	3.4
SSE	2.5	.6	.4									3.5	3.3
S	2.4	2.0	.8	.1								5.3	4.4
SSW	3.5	2.3	1.2	.8								7.7	5.2
SW	2.3	1.9	.9	.4	.1							5.6	5.0
WSW	1.3	1.0	.5									2.8	4.1
W	1.0	.5	.3									1.8	3.9
WNW	.4	.2										.6	3.0
NW	.4			.1								.5	4.8
NNW	.3		.1									.4	3.5
VARIABLE			.1									.1	7.0
CALM	////////////////////											46.7	////
TOTALS	32.5	13.9	4.8	2.0	.1							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.3	.1										.4	2.0
NNE	1.0	.4	.2	.1								1.7	4.4
NE	3.3	.9	.1									4.3	2.7
ENE	7.7	2.0	.2									10.0	2.7
E	8.2	2.3	.5	.3								11.3	3.2
ESE	1.7	.4	.2	.1								2.5	3.6
SE	2.0	.5										2.6	2.9
SSE	2.0	.8	.1									2.9	3.0
S	3.1	1.5	.5	.1								5.3	3.7
SSW	2.6	.8	1.4	.4	.1							5.3	5.3
SW	2.2	1.6	1.0	.5								5.3	5.2
WSW	.8	1.5	1.1	.2								3.5	5.9
W	.6	.3	.2	.1								1.3	4.8
WNW	.5	.1										.6	2.7
NW	.1	.1										.2	2.5
NNW	.2	.1										.3	2.3
VARIABLE													
CALM	////////////////////											42.5	////
TOTALS	36.5	13.4	5.6	1.9	.1							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS (LST): 0600-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.4		.2									.6	3.8
NNE	1.3	.3	.1									1.7	2.8
NE	2.9	.8										3.7	2.4
ENE	8.3	2.4	.1									10.8	2.7
E	8.0	4.4	.6	.1								13.1	3.4
ESE	1.3	1.2	.1	.1								2.7	3.8
SE	2.7	2.3	.1									5.1	3.4
SSE	2.5	2.2	.4									5.1	4.0
S	2.6	1.8	.9									5.3	4.0
SSW	2.0	2.0	1.3	.3								5.7	5.1
SW	1.5	1.5	1.2	.3								4.5	5.7
WSW	.6	1.3	1.0	.3								3.2	6.2
W	1.0	.8	.2									1.9	4.1
WNW	.3	.3										.6	3.8
NW	.2											.2	2.5
NNW	.3											.3	1.7
VARIABLE			.1									.1	10.0
CALM	////////////////////////////////////										35.4	////	
TOTALS	35.9	21.2	6.3	1.2								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: 471220 STATION NAME: OSAN AB 40REA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.9	.2	.1									1.2	3.3
NNE	1.3	.4										1.7	2.8
NE	1.9	1.6										3.8	3.2
NNE	2.3	2.3	1.2	.2								5.9	4.8
E	4.4	4.3	2.4	.1								11.2	4.7
ESE	2.6	2.8	.9	.1								6.3	4.3
SE	2.4	2.7	.4	.1								5.6	4.0
SSE	2.8	4.0	1.0	.1								7.8	4.2
S	3.3	4.0	1.5	.1								8.9	4.4
SSW	2.8	2.6	2.0	.6								8.1	5.5
SW	1.9	2.4	1.3	.8								6.3	5.8
WSW	1.4	1.5	1.6	.5								5.1	6.3
W	2.2	1.1	1.6	.2								5.1	5.0
WNW	1.9	.3	.1									2.4	2.6
NW	1.3	.4		.1								1.8	3.2
NNW	.6	.5										1.2	3.2
VARIABLE		.2	1.6	.1								1.9	8.0
CALM	////////////////////////////////////										15.7	////	
TOTALS	34.0	31.5	15.7	3.1								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	.8										2.2	3.3
NNE	1.3	.5										1.8	2.7
NE	1.0		.1									1.1	2.5
ENE	1.7	1.3	1.8									4.8	5.4
E	1.6	4.1	2.3	.4								8.4	5.9
ESE	1.0	2.0	1.3	.1								4.4	5.4
SE	1.0	2.5	.4	.1								4.0	4.9
SSE	1.2	3.2	1.0									5.4	4.7
S	3.0	3.7	1.0	.2								7.8	4.4
SSW	2.3	4.2	2.7	1.3								10.4	6.3
SW	1.3	3.4	2.0	1.2	.1							8.1	6.7
WSW	1.8	3.2	2.6	.4								8.1	5.8
W	4.2	3.8	3.1	.5								11.6	5.1
WNW	2.4	1.9	.2									4.5	3.8
NW	2.7	1.5	.1									4.3	3.1
NNW	1.6	.5										2.2	2.9
VARIABLE		.2	4.1	.1								4.4	8.1
CALM	////////////////////											6.6	////
TOTALS	29.4	36.9	22.7	4.4	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	1.1	.4									2.9	3.9
NNE	.8	.2	.2									1.2	3.3
NE	.1	.3	.5	.1								1.1	6.7
ENE	.5	1.7	1.0	.1								2.6	5.7
E	1.5	2.9	1.9	.2	.1							6.7	5.7
ESE	1.3	2.7	.8									4.7	4.6
SE	1.1	1.6	1.0									3.9	5.1
SSE	.8	1.2	.4	.1								2.5	5.1
S	1.6	1.8	1.0									4.4	4.5
SSW	1.7	2.8	2.8	1.6								9.9	7.0
SW	1.3	4.6	4.3	1.5	.1							11.8	7.1
WSW	1.5	2.5	2.6	.9								7.4	6.5
W	2.7	5.7	5.3	1.4	.1							15.2	6.4
WNW	2.9	4.0	2.4	.3								10.4	5.2
NW	2.4	1.8	.5									4.7	4.0
VNW	1.2	1.3	.2									2.7	4.0
VARIABLE		.2	3.5	.9								4.6	9.8
CALM	////////////////////										4.3	////	
TOTALS	22.7	36.8	29.8	7.1	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.1	1.1	.1	.1								2.4	4.5
NNE	.5	.3	.1									1.0	3.4
NE	.2	.5		.1								.9	3.3
ENE	1.0	1.2	.6	.1								2.9	5.0
E	1.6	3.3	.9									5.8	4.5
ESE	1.6	1.2	.8									3.5	4.2
SE	1.8	1.3										3.1	3.3
SSE	1.2	1.3	.2									2.7	3.9
S	2.2	1.2	.4									3.8	3.6
SSW	1.3	2.4	1.9	.6								6.2	6.2
SW	1.4	3.8	2.7	1.0								8.8	6.5
WSW	1.5	2.9	1.6	.1								6.1	5.1
W	5.1	9.2	3.3	.2								17.8	4.9
WNW	5.2	5.7	.6									11.5	3.8
NW	3.0	1.8	.4									5.3	3.6
NNW	1.9	.8	.3									3.0	3.1
VARIABLE			.9	.2								1.1	9.1
CALM	////////////////////										14.1	////	
TOTALS	30.5	36.0	14.9	2.5								100.0	4.0

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: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DOLU°ES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.0	.1		.1								1.2	3.5
NNE	1.2	.1										1.3	2.0
NE	2.3	1.2	.1									3.6	3.1
ENE	3.2	1.5	.3									5.1	3.3
E	4.0	2.4	.5	.1								7.0	3.7
ESE	.8	.4										1.3	3.2
SE	.6	.6	.5	.1								1.9	5.2
SSE	1.5	1.3										2.8	3.2
S	2.6	2.9	.6									6.0	4.1
SSW	3.1	4.2	.9	.4								8.6	4.6
SW	2.5	1.9	1.0	.2								5.5	4.6
WSW	1.8	.8	.4	.2								3.2	4.3
W	4.3	1.7	.2									6.2	2.8
WNW	1.9	.4										2.4	2.4
NW	1.0											1.0	1.9
NNW	.8											.8	2.1
VARIABLE				.1								.1	12.5
CALM	////////////////////										42.1	////	
TOTALS	32.5	19.4	4.6	1.3								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 909

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA

PERIOD OF RECORD: 77-85
 MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.9	.4	.1	.0								1.4	3.6
NNE	1.0	.3	.1	.0								1.4	3.0
NE	1.8	.9	.1	.0								2.7	3.1
NNE	3.8	1.7	.7	.1								6.2	3.6
E	4.4	3.2	1.2	.2	.0							9.0	4.2
ESE	1.5	1.4	.5	.1								3.5	4.3
SE	1.5	1.5	.3	.0								3.4	4.1
ESE	1.8	1.8	.4	.0								4.1	4.0
S	2.6	2.4	.9	.1								5.8	4.2
SSW	2.4	2.6	1.8	.5	.0							7.6	5.7
SW	1.9	2.6	1.8	.7	.0							7.0	6.0
WSW	1.3	1.8	1.4	.3								4.9	5.7
W	2.6	2.4	1.8	.3	.0							7.6	5.0
WSW	1.9	1.7	.4	.0								4.1	4.0
W	1.4	.7	.1	.0								2.3	3.5
WNW	.9	.4	.1									1.4	3.2
VARIABLE		.1	1.3	.2								1.5	8.5
CALM	////////////////////										25.9	////	
TOTALS	31.7	26.4	12.9	2.4	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 7439

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OSAN AG KOREA REVISED UNIFORM SUMMARY OF SURFACE

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WEATHER OBSERVATIONS PARTS A-F(U) AIR FORCE

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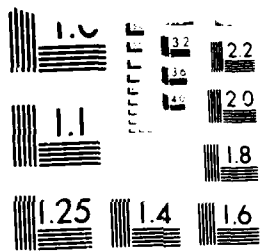
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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471223 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	.7										1.6	2.2
NNE	1.8	.4	.3									2.6	3.3
NE	3.7	1.8	.3									5.8	3.1
ENE	9.6	2.5	.5									12.6	2.7
E	7.4	3.4	.9	.1								11.8	3.4
ESE	1.8	.7	.1									2.6	3.0
SE	1.4	.7	.1									1.7	2.9
SSE	1.7	1.2	.1									3.0	3.4
S	1.8	1.4	.3									3.5	3.9
SSW	2.2	1.7	.5	.3	.2							4.9	5.1
SW	1.3	.6										1.9	3.1
WSW	1.2	1.1	.4									2.7	4.6
W	.9	.5	.3		.1							1.8	5.1
WNW	.2	.1	.1									.4	4.3
NW	.3	.1										.4	2.0
NNW	.8	.1										.9	2.3
VARIABLE													
CALM	////////////////////											41.9	////
TOTALS	37.4	15.8	4.1	.4	.3							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.3	.4	.1									1.8	3.2
NNE	2.3	1.3	.1									3.7	3.2
NE	5.4	1.7	.1	.1								7.3	2.9
ENE	9.8	2.7	.3									12.8	2.6
E	7.3	3.9	.8									11.9	3.2
ESE	1.9	.8										2.7	2.7
SE	1.1	.8	.1									1.9	3.4
SSE	2.0	.6	.1									2.9	2.8
S	2.5	1.1	.8									4.3	3.9
SSW	.9	.8	.4	.3								2.4	5.6
SW	1.1	.5	.1									1.7	3.4
WSW	.2	.4	.3	.1	.1							1.2	7.0
W	.5	1.0	.3	.1								1.9	4.9
WNW	.1	.3										.4	4.3
NW	.2	.1										.3	3.0
NNW	.4											.4	2.5
VARIABLE		.1										.1	4.0
CALM	////////////////////										42.3	////	
TOTALS	37.0	16.5	3.5	.6	.1							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.3	.3	.2									1.8	3.2
NNE	2.0	1.1	.3									3.4	3.7
NE	4.9	1.5	.4	.1								7.0	3.1
ENE	9.8	3.9	.6									14.3	3.0
E	7.8	3.8	.5	.1								12.3	3.3
ESE	1.9	.5	.9									3.3	4.4
SE	1.7	1.2	.2									3.1	3.4
SSE	1.8	1.0	.1									2.9	3.0
S	2.8	1.9	.3	.1								5.2	3.6
SSW	1.0	.8	.2	.2								2.2	5.0
SW	1.3	.6	.3	.2								2.5	4.3
WSW	.2	.4	.2	.1								1.0	6.6
W	.4	.3	.2	.4								1.4	7.2
WNW	.2	.2										.4	3.5
NW	.4	.1										.5	2.6
NNW	.1	.1										.2	3.0
VARIABLE			.2									.2	8.0
CALM	////////////////////////////////////										38.3	////	
TOTALS	37.8	17.7	4.8	1.7								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: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	1.3	.8									3.7	4.3
NNE	1.6	1.3	.4	.1								3.4	4.2
NE	3.2	2.2	1.4	.4	.1							7.3	5.2
ENE	4.1	3.7	2.7	.6								11.1	5.1
E	5.3	4.7	3.1	.3	.1							13.5	4.9
ESE	2.7	2.5	.6									5.8	3.8
SE	2.2	2.9	.4	.1	.1							5.7	4.2
SSE	1.9	2.5	.6									5.1	4.2
S	3.0	3.4	1.1									7.5	4.2
SSW	2.4	2.5	1.4	.4								6.7	5.0
SW	1.4	1.1	1.2	.3								4.0	5.6
WSW	1.3	.9	.5	.4	.1							3.2	5.9
W	2.2	.8	.2	.1	.1	.1						3.4	4.7
WNW	.8	.8	.2	.1								1.9	4.7
NW	1.0	.2	.1									1.3	3.4
NNW	1.0											1.0	2.0
VARIABLE	.1	.1	1.3	.2								1.7	8.5
CALM	////////////////////											13.9	////
TOTALS	35.6	30.6	16.1	3.2	.5	.1						100.0	4.1

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: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.7	.8	1.1									4.5	4.0
NNF	1.3	1.4	.8									3.4	4.4
NE	2.6	1.8	1.0	.1	.2	.1						5.8	5.3
ENE	2.4	4.1	2.9	.2								9.6	5.3
E	2.5	3.9	3.4	.9	.1							10.8	6.2
ESE	1.4	2.3	.5	.1								4.3	4.6
SE	1.3	1.5	.3	.1								3.2	4.5
SSE	.9	1.7	1.1	.1								3.8	5.7
S	2.8	1.9	1.6	.6	.1							7.1	5.3
SSW	2.4	2.5	1.2	.6								6.7	5.3
SW	1.6	2.8	1.2	.6								6.2	5.5
WSW	1.4	2.4	1.3	.9	.1							6.0	6.7
W	1.7	3.1	1.1	.3	.2							6.5	5.5
WNW	2.2	2.9	.9	.1								6.0	4.6
NW	2.5	1.3	.4	.1								4.3	3.8
NNW	1.1	.4	.1									1.6	3.1
VARIABLE	.2	.8	2.2	.8								3.9	8.3
CALM	////////////////////										6.3	////	
TOTALS	30.8	35.5	21.0	5.6	.8	.1						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: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	1.3	1.3									4.3	4.8
NNE	1.2	1.4	.9	.1								3.6	5.1
NE	1.5	1.9	1.4	.3								5.2	5.4
ENE	2.3	3.3	2.0	.4	.2							8.3	5.6
E	3.2	3.5	3.0	1.0	.1							10.9	6.1
ESE	1.5	1.6	.3									3.4	4.0
SE	1.0	1.6	.3	.1								3.0	4.4
SSE	.8	.6	.6									2.0	4.8
S	1.6	.6	1.2	.2								3.7	5.5
SSW	1.7	1.7	1.9	.8								6.1	6.2
SW	.9	1.2	.9	.8								3.7	6.9
WSW	.9	3.3	1.5	.2								5.9	5.9
W	2.8	4.7	4.9	.3	.2							13.7	6.2
WNW	2.3	5.5	2.0	.2								10.0	5.1
NW	1.5	3.7	.6									5.8	4.8
NNW	1.5	1.3	.6									3.4	4.3
VARIABLE			2.7	.5								3.2	9.2
CALM	////////////////////											4.5	////
TOTALS	26.2	37.4	26.3	4.7	.5							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: AUG HOURS (LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	1.1	.1									2.6	3.5
NNE	.9	1.2	.3									2.4	4.5
NE	2.4	1.7	.9	.3								5.7	4.5
ENE	3.4	3.7	1.0									8.3	4.1
E	4.3	3.3	1.1	.4								9.1	4.3
ESE	1.8	1.0	.1									2.9	3.2
SE	1.8	.4	.1									2.4	3.2
SSE	.9	1.0	.4									2.3	4.8
S	.6	1.1	1.3	.2								3.2	6.0
SSW	1.4	1.5	1.0	.1								4.0	5.0
SW	1.0	1.2	.6	.1								2.9	5.0
WSW	2.2	1.5	1.1	.1								4.8	4.6
W	5.4	5.5	1.5	.4								12.8	4.3
WNW	4.9	4.1	1.3									10.5	3.9
NW	3.7	1.9	.2									5.8	3.0
NNW	1.5	.5	.4									2.5	3.7
VARIABLE	.2		.5	.1								.9	7.9
CALM	////////////////////										17.0	////	
TOTALS	38.2	31.1	11.9	1.4								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: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	.3										1.4	2.8
NNE	1.5	.8	.2	.1								2.6	4.1
NE	3.5	2.9	.1	.1								6.7	3.5
ENE	5.5	2.0	.6									9.2	3.2
E	6.7	3.2	1.3									11.2	3.6
ESE	1.6	.6	.3									2.6	3.2
SE	1.6	.4	.1									2.2	3.0
SSE	.9	1.1	.1									2.0	3.8
S	2.3	1.7	.4	.1								4.7	3.9
SSW	1.6	2.0	.4	.2								4.3	4.5
SW	1.6	1.5	.5	.1								3.8	4.4
WSW	1.4	.5	.1									2.0	2.7
W	2.0	.4		.2								2.7	3.3
WNW	1.6	.1		.1								1.8	2.5
NW	.6	.1										.8	2.6
NNW	.9	.2										1.1	2.1
VARIABLE	.1											.1	3.0
CALM	////////////////////////////////////											41.9	////
TOTALS	34.5	18.3	4.3	1.3								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: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	1.6	.7	.4					2.7	3.8
NNE	1.6	1.1	.4	.3				3.1	4.1
NE	3.5	1.9	.7	.2	.0	.0		6.3	4.1
NNE	5.8	3.7	1.3	.2	.0			10.6	3.8
E	5.6	3.7	1.8	.3	.0			11.4	4.3
ESE	1.8	1.2	.4	.0				3.4	3.7
SE	1.5	1.1	.2	.0	.0			2.9	3.8
ESE	1.4	1.2	.4	.0				3.0	4.1
S	2.2	1.7	.9	.2	.0			4.9	4.5
SSW	1.7	1.7	.9	.4	.0			4.7	5.2
SW	1.3	1.2	.6	.3				3.3	5.1
WSW	1.1	1.3	.7	.2	.0			3.4	5.5
W	2.0	2.0	1.1	.2	.1	.0		5.4	5.1
WNW	1.5	1.0	.6	.1				3.9	4.4
NW	1.3	.9	.2	.0				2.4	3.7
NNW	.9	.3	.1					1.4	3.3
VARIABLE	.1	.1	.9	.2				1.3	8.5
CALM	////////////////////////////////////							25.8	////
TOTALS	34.7	25.4	11.5	2.4	.3	.0		100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
 OSAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471223 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	1.1	.1									3.1	3.2
NNE	1.6	.9	.1									2.4	3.1
NE	3.2	1.3		.1								4.7	3.0
NNE	18.4	4.4	.3	.4								23.7	2.8
E	10.3	2.7	.7									13.2	2.8
ESE	.8	.1										.9	2.0
SE	.9	.2										1.1	2.5
ESE	1.2	.6										1.8	3.2
S	2.1	.7										2.8	2.4
SSW	1.1	.4	.2									1.8	3.3
SW	.8	.6										1.3	3.3
SSW	.6	.3										.9	3.0
W	.9	.1	.2									1.2	3.5
WNW	.3	.2	.1									.7	4.8
W	.9	.2										1.1	2.3
WNW	.3	.3										.4	2.5
VARIABLE													
CALM	////////////////////											38.9	////
TOTALS	45.3	13.4	1.8	.6								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 900

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.2	.6										2.8	2.6
NNE	2.7	1.1										3.8	2.7
NF	5.3	1.6		.2								7.1	2.9
ENE	16.8	3.8	.3	.1								21.7	2.6
E	9.2	2.6	.4									12.2	2.8
ESE	1.2	.1										1.3	2.3
SE	1.1	.4	.2									1.8	1.4
SSE	.9	.8										1.7	1.8
S	1.1	.3										1.4	2.8
SSW	.2											.2	1.5
SW	.7	.1										.8	2.9
WSW	.3											.3	2.7
W	.8	.4	.3									1.6	4.4
WNW	.6	.2	.2									1.0	4.0
W	1.1		.1									1.2	2.5
WNW	.4	.4										.9	3.5
VARIABLE	////////////////////////////////////											40.9	////
TOTALS	44.7	12.4	1.7	.3								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471223 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.2	.7	.2									3.1	3.1
NNE	2.3	.7	.2									2.9	2.6
NE	5.6	1.4	.1	.2								7.3	2.8
NNE	14.3	3.6	.2	.2								17.6	2.7
E	8.6	2.4	.1	.2								11.3	2.8
ESE	1.6	.2										1.9	2.6
SE	1.7	.2										1.9	2.2
SSE	.6	1.0										1.6	4.1
S	1.3	.8	.2									2.3	3.6
SSW	.7	.1										.8	2.3
SW	.4											.4	1.5
WSW	.3											.3	1.0
W	.6	.7										.9	2.9
WSW	.8	.1										.9	2.6
W	.3	.1	.2									.7	4.2
WNW	1.0	.2	.2									1.4	3.2
VARIABLE			.1	.1								.2	9.5
CALM	////////////////////////////////////										43.7	////	
TOTALS	42.2	11.7	1.7	.8								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 000

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.2	1.6	1.0									4.8	4.1
NNE	2.7	.8	.1									3.6	3.1
NE	3.6	1.2	1.2	.3								6.3	4.4
ENE	5.2	4.3	2.1	.2								11.9	4.3
E	6.9	5.3	3.0	.2								15.4	4.3
ESE	2.4	1.5	.4									4.2	3.7
SE	1.2	.8	.1									2.1	3.3
SSE	1.4	1.0	.1									2.6	3.0
S	2.0	2.0	.8									4.8	4.1
SSW	1.8	.7	.3	.1								2.9	3.5
SW	1.3	.7	.4									2.7	3.9
WSW	2.0	.4	.2									2.7	2.8
W	1.0	.6	.4									2.0	4.3
WNW	1.6	.8	.4	.1								2.9	4.0
NW	.6	.4	.7	.1								2.2	5.7
NNW	1.6	.4	.6	.1								2.7	4.3
VARIABLE			1.2	.4								2.0	9.9
CALM	////////////////////////////////////											24.3	////
TOTALS	37.4	23.0	13.2	2.0								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	1.6	.6	.3								4.3	4.7
NNE	2.0	.7	.4	.1								2.9	3.9
NF	2.3	2.2	1.4	.9								6.9	5.6
ENE	2.6	2.8	2.0	.7								8.0	5.5
E	3.4	5.8	3.6	.3								13.1	5.3
ESE	1.8	1.3	.2	.1								3.4	4.1
SE	1.6	.7	.2									2.4	3.2
ESE	.9	.7										1.6	3.2
S	2.7	1.2	.3									4.2	3.3
SSE	.9	.8	1.0									2.7	5.2
SW	2.8	1.2	.7	.1								4.8	4.0
WSW	2.2	1.1	.1									3.7	3.6
W	1.9	4.9	1.8	1.0								9.6	5.9
WNW	3.1	2.9	2.1	.4								8.6	5.0
NW	2.0	3.0	1.7	.1								6.8	5.0
NNW	2.1	1.7	.8	.1								4.7	4.4
VARIABLE			3.7	1.4								5.1	9.7
CALM	////////////////////											7.3	////
TOTALS	34.1	32.1	20.8	5.7								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.2	1.0										2.2	3.6
NNE	1.9	2.0	.8	.3								5.0	4.8
NE	2.0	2.1	1.4	.7								6.2	5.8
ENE	1.7	2.6	1.4	.3								6.0	5.6
E	2.1	3.4	2.3	.1								8.0	5.4
ESE	2.0	1.0	.2									3.2	3.6
SE	.9	.6	.2									1.9	3.9
SSE	.7	.6	.1									1.3	3.6
S	1.1	1.0	.1	.1								2.3	3.9
SSW	1.1	1.1	.7	.3								3.2	5.6
SW	1.1	1.3	.4	.2								3.1	4.9
WSW	.8	1.9	.6	.2								3.4	5.2
W	2.3	7.7	6.1	2.0								18.1	6.6
WNW	3.0	6.3	5.9	1.0								16.2	6.2
NW	2.2	3.1	2.7	.1								8.1	5.2
NNW	1.3	1.4	.6	.2								3.6	4.8
VARIABLE			1.9	.6								2.4	9.6
CALM	////////////////////////////////////										5.6	////	
TOTALS	25.4	37.7	25.4	6.2								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

PERIOD OF RECORD: 77-86
 MONTH: SEP HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.8	.3	.2									2.3	2.8
NNE	1.2	1.2	.2	.1								2.8	4.0
NE	2.7	2.1	.7	.1								5.6	4.2
ENE	4.0	1.6	.4	.3								6.3	3.6
E	3.9	1.9	.8	.1								6.7	3.5
ESE	1.0	1.0										2.0	3.3
SE	.6	.3	.2									1.1	4.0
SSE	.6											.6	2.0
S	.8	.9										1.7	3.5
SSW	.9	.7	.2									1.8	4.1
SW	1.3	1.8	.2									3.3	3.8
WSW	1.7	1.9	.1	.2								3.9	4.2
W	7.3	7.0	2.2	.2								16.8	4.2
WNW	5.3	3.1	1.2									9.7	3.9
NW	3.1	1.3										4.4	2.8
NNW	1.3	.6	.1									2.0	2.7
VARIABLE													
CALM	////////////////////											29.1	////
TOTALS	37.4	25.7	6.7	1.1								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.1	.3	.3									2.8	2.9
NNE	2.2	1.1	.1									3.4	3.1
NE	5.2	.9	.4	.1								6.7	2.9
ENE	14.3	5.4	.3	.3								20.4	3.1
E	8.4	1.4	.1									10.0	2.5
ESE	.8	.4										1.2	2.7
SE	.8	.6										1.3	3.4
SSE	.3	.4										.8	2.9
S	1.3	.8	.1									2.2	3.5
SSW	1.2	1.2	.2									2.7	3.9
SW	1.6	1.8										3.3	3.6
WSW	.7	.3										1.0	2.6
W	1.0	.4	.2									1.7	3.7
WNW	.8	.4	.1									1.0	3.6
NW	.3	.2	.1									.7	4.0
NNW	.7		.1									.8	2.9
VARIABLE			.1									.1	7.0
CALM	////////////////////										39.9	////	
TOTALS	41.4	15.9	2.3	.4								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB 40REA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	.9	.3	.0								3.2	3.5
NNE	2.1	.9	.2	.1								3.3	3.5
NE	3.7	1.6	.7	.3								6.3	4.0
ENE	9.7	3.6	.9	.3								14.5	3.3
E	6.6	3.1	1.4	.1								11.2	3.7
ESE	1.4	.7	.1	.0								2.3	3.3
SE	1.1	.5	.1									1.7	3.2
SSE	.8	.6	.0									1.5	3.2
S	1.6	1.0	.2	.0								2.7	3.5
SSW	1.0	.6	.3	.1								2.0	4.2
SW	1.2	1.0	.2	.0								2.5	3.9
WSW	1.1	.7	.2	.1								2.0	3.8
W	2.0	2.7	1.4	.4								6.5	5.3
WNW	1.9	1.8	1.3	.2								5.1	5.0
NW	1.3	1.1	.7	.0								3.2	4.4
NNW	1.1	.6	.3	.1								2.1	4.0
VARIABLE			.9	.4								1.2	9.7
CALM	////////////////////											28.7	////
TOTALS	38.5	21.4	9.2	2.1								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	.6										2.0	2.9
NNE	1.7	.2										1.9	2.2
NE	3.2	1.8	.3									5.4	3.1
ENE	22.4	6.8	.1									29.2	2.6
E	10.5	3.0	.1									13.7	2.7
ESE	.5	.2	.1									.9	3.6
SE	.3											.3	1.7
SSE	.3	.2	.1									.6	4.3
S	.5	.5	.3									1.4	4.3
SSW	.2	.6										.9	4.4
SW	.6	.4	.2									1.3	4.2
WSW	.1	.1										.2	3.5
W	.3	.2	.3									.9	5.0
WNW	.3	.5	.2									1.1	5.3
NW	.5	.2	.6	.3	.1							1.8	7.3
NNW	1.2	.6	.2									2.0	3.5
VARIABLE			.1	.1								.2	11.0
CALM	////////////////////										36.1	////	
TOTALS	44.3	16.2	2.8	.4	.1							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 47122D STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS/1ST: 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.7	.5	.2									2.5	3.0
NNE	2.0	.1	.1									2.3	2.1
NE	4.7	1.3	.1									6.1	2.6
ENE	18.7	4.5	.2	.1								23.5	2.7
E	12.0	4.3	.1									16.5	2.7
ESE	.6	.5										1.2	2.8
SE	.1	.7	.1									.4	6.0
SSE	.1	.6	.3									1.1	5.8
S	.6	.4	.3									1.4	4.5
SSW	.5	.2	.3									1.1	4.7
SW	.3	.1										.4	3.0
WSW	.3	.2										.5	3.4
W	.6	.4	.4	.2								1.7	5.8
WNW	.6	.5	.3									1.5	4.0
NW	.3	.9	.4	.1	.1							1.8	6.8
NNW	.8	1.0	.2									1.9	4.2
VARIABLE					.1							.1	20.0
CALM	////////////////////										35.9	////	
TOTALS	44.3	15.9	3.2	.4	.2							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: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL (%)	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.2	.8	.5									3.4	3.4
NNE	2.4	.3										2.7	2.2
NE	6.0	1.8	.2									8.1	2.8
ENE	14.3	5.4	.2									19.9	2.8
E	11.3	3.1	.2		.1							14.7	2.8
ESE	.9	.3	.1									1.3	2.9
SE	.1	.6	.2									1.0	4.9
SSE	.1	.3	.2									.6	5.7
S	.2	.3										.5	3.6
SSW	.4	.3	.1									.9	3.4
SW	.6		.1									.8	2.7
WSW	.4	.2	.1									.8	4.1
W	.5	.5										1.1	3.3
WNW	.4	.6	.3									1.4	4.9
NW	.4	.4										.9	3.3
NNW	1.1	1.1	.2	.2								2.6	4.7
VARIABLE													
CALM	////////////////////											39.5	////
TOTALS	41.4	16.2	2.6	.2	.1							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471223 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.8	1.5	1.8									6.1	4.5
NNE	3.1	.8	.1									4.0	2.5
NE	5.4	1.1	.5	.1								7.1	3.1
ENE	6.5	2.7	.9	.1								10.1	3.7
E	5.2	4.1	1.7	.1								11.1	4.1
ESE	1.8	1.0	.2	.1								3.1	3.6
SE	.5	1.8	.5									2.9	4.6
SSE	1.5	1.5	.2									3.2	3.9
S	1.9	2.5	.3									4.7	3.6
SSW	1.2	.4										1.6	2.6
SW	1.1	.9	.2									2.2	3.6
WSW	1.5	.7	.2									2.0	3.0
W	1.0	.7	.2	.1								1.5	4.0
WNW	1.3	.4	.4	.8	.1							2.9	6.6
NW	1.0	1.2	1.2	.5								3.9	6.6
NNW	1.1	.9	2.4	.3								4.6	6.6
VARIABLE			1.1	.1								1.2	4.1
CALM	////////////////////											27.6	////
TOTALS	36.8	21.7	12.0	2.3	.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: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.6	2.4	.6									5.6	4.0
NNE	1.4	.8	.3									2.5	3.8
NE	1.8	1.7	.8									4.3	4.5
ENE	1.6	1.5	.5	.2								3.9	4.8
E	1.4	2.4	1.9	.3								6.0	5.6
ESE	1.6	1.4	.2	.1								3.3	3.8
SE	1.8	1.2	.1									3.1	3.5
SSE	1.2	1.4	.5									3.1	4.6
S	2.5	1.5	.4		.1							4.5	3.9
SSW	1.2	1.6	.5	.3								3.7	5.3
SW	2.4	1.8	1.2	.1								5.5	4.4
WSW	2.7	2.7	1.0	.8								6.6	5.1
W	3.4	3.8	1.9	1.3	.3							10.8	6.0
WNW	2.3	1.9	3.0	1.9	.3	.2						9.7	7.9
W	1.8	2.6	1.2	1.1	.1							6.7	6.5
WNW	2.0	2.8	1.1	.2								6.1	4.9
VARIABLE			3.5	1.1	.1							4.7	9.3
CALM	////////////////////											10.0	////
TOTALS	31.7	30.4	18.9	7.4	1.0	.2						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: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.9	1.4	.5									7.9	4.0
NNE	1.1	1.0	.6									2.7	4.5
NE	.6	1.3	.4	.2								2.6	5.6
NNE	1.3	1.7	.3									3.3	3.8
E	1.6	2.4	1.0	.1								5.1	4.7
ESE	.2	.9										1.1	4.1
SE	.5	1.3	.1	.1								2.0	4.4
SSE	.4	.8	.2									1.4	4.7
S	1.1	.4	.1									1.6	3.0
SSW	1.2	.5	.5	.5								2.9	5.9
SW	1.0	2.0	1.1	.6	.1							4.8	6.5
WSW	1.7	2.0	1.7	.3								5.4	5.4
W	2.6	7.7	6.6	2.0	.4							19.1	7.0
WNW	3.4	6.2	6.2	2.9	.2	.1						19.1	7.0
W	1.7	3.4	3.1	1.0	.1							9.4	6.5
NW	2.4	1.8	.4									4.6	3.6
VARIABLE			2.6	.6								3.2	9.2
CALM	////////////////////										7.4	////	
TOTALS	22.8	34.7	25.6	8.5	.9	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-56
N	1.6	.5	.2									2.4	3.1
NNE	.3	.2	.2									.9	4.4
NE	2.5	.5										3.0	2.4
ENE	4.1	2.4										6.5	2.9
E	2.8	1.4	.5									4.7	3.5
ESE	1.0	.1	.2									1.3	3.1
SE	.6	.3										1.0	3.2
SSE	.3											.3	1.7
S	.3	.4	.2									1.0	4.3
SSW	1.0	1.2	.2									2.4	4.3
SW	2.3	1.5	.4	.1								4.3	3.8
WSW	1.5	1.1	.3									2.9	3.5
W	6.9	7.1	1.1	.3		.2						15.5	4.1
WNW	4.5	3.1	.8	.6		.2						9.5	5.1
W	3.1	1.9	.3	.1								5.5	3.6
WSW	2.0	.8	.2									3.0	2.9
VARIABLE													
CALM	////////////////////											35.1	////
TOTALS	34.8	22.7	4.7	1.3		.5						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 930

U.S. AIR FORCE
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (BEFORE S)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	.5	.1									2.0	2.8
NNE	.9	.6										1.4	2.9
NE	4.4	3.6										5.1	2.4
ENE	18.3	6.0	.2									24.5	2.8
E	9.9	3.4	.1									13.4	2.8
ESE	.5		.1									.6	2.8
SE			.3									.3	2.3
SSE	.1											.1	2.0
S	1.0	1.1	.4									2.5	4.9
SSW	.3	.6	.3									1.2	5.0
WSW	.4	.8										.9	2.5
W	.1	.4	.1									.6	4.8
WNW	1.9		.3	.2	.1							2.6	4.2
WSW	.9	1.0	.3	.1								2.3	4.5
SW	.5	1.4	.5	.2	.1	.1						2.9	6.7
SSW	.9	1.7	.3									2.9	3.9
VARIABLE													
CALC	////////////////////											32.0	////
TOTALS	41.5	17.4	3.2	.5	.2	.1						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.9	1.0	.5									3.5	3.7
NNE	1.6	.5	.2									2.3	3.0
NE	3.6	1.3	.3	.0								5.2	3.1
ENE	10.9	3.9	.3	.1								15.1	2.9
E	6.8	3.0	.7	.1	.0							10.6	3.3
ESE	.9	.6	.1	.0								1.6	3.5
SE	.5	.7	.2	.0								1.4	4.2
SSE	.5	.6	.2									1.3	4.4
S	1.0	.9	.3		.0							2.2	4.0
SSW	.8	.7	.3	.1								1.8	4.7
SW	1.1	.9	.4	.1	.0							2.5	4.6
WSW	1.0	.8	.4	.1								2.4	4.6
W	2.2	2.5	1.4	.5	.1	.3						6.6	5.6
WNW	1.7	1.8	1.5	.8	.1	.1						5.9	6.5
NW	1.2	1.5	.9	.4	.1	.0						4.1	6.0
NNW	1.4	1.3	.6	.1								3.4	4.5
VARIABLE			.9	.2	.0							1.2	9.3
CALM	////////////////////////////////////											28.7	////
TOTALS	37.2	21.9	9.1	2.6	.3	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 971220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (OF DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.8	1.1	.3									4.2	3.2
NNE	1.6	1.2	.1									2.9	3.2
NE	4.3	1.6	.1									6.0	2.8
NNE	16.3	8.3	.3	.1	.1							25.2	3.1
E	7.9	3.2	.1									11.2	3.0
ESE	1.1	.1										1.2	2.1
SE	1.1	.1										1.2	2.5
SSE	.9	.4	.2									1.1	4.4
S	.7	.2	.6									1.4	4.8
SSW	.8	.2										1.0	2.1
SW	.3		.2									.6	4.4
WSW	.1	.4	.1									.7	4.8
W	.6	1.0	.6									2.1	5.2
WNW	1.0	.6	1.0	.3								2.9	6.1
NW	1.3	1.3	.6	.3								3.6	5.1
NNW	1.7	1.8	1.1	.1								4.7	5.0
VARIABLE			.1									.1	5.0
CALM	////////////////////////////////////											29.9	////
TOTALS	42.0	21.7	5.4	.9	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (DREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.0	1.1	.4	.2								4.8	3.7
NNE	2.1	.7										2.8	2.8
NE	6.3	2.3										8.7	2.7
ENE	16.8	5.2	.1	.2								22.3	2.9
E	7.2	3.9	.3									11.3	3.1
ESE	1.0											1.0	1.9
SE	.7	.4										1.1	2.9
ESE	.7	.3	.3									1.3	4.7
S	.3	.3	.2									.9	4.8
SSW	.1	.1	.1									.3	4.3
SW	.4		.1									.6	3.2
WSW	.4	.3	.1									.9	3.6
W	.6	.6	.6	.1								1.8	5.9
WNW	.4	1.1	.7	.4								2.7	6.4
NW	1.3	1.1	1.1	.3								3.9	5.6
NNW	1.4	1.4	1.0									3.9	4.9
VARIABLE			.1		.1							.2	14.0
CALM	////////////////////											31.6	////
TOTALS	42.9	18.9	5.2	1.3	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471223 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.1	2.2	.6									4.9	4.2
NNE	2.8	.2	.1									3.1	2.3
NE	4.8	2.7	.1									7.6	3.1
ENE	13.2	6.7	.6	.1								20.6	3.0
E	6.7	2.9	.2									9.8	2.9
ESE	.6	.3										.9	3.3
SE	.4	.4	.4									1.7	4.5
SSE	1.1	.7										1.8	3.2
S	.3	.6	.1									1.0	4.1
SSW			.2									.2	9.5
SW	.1	.1										.2	3.5
WSW	.3		.3									.7	5.8
W	.7	.3	.4	.3								1.8	6.2
WNW	.8	.7	.8	.3								2.6	5.9
NW	1.1	1.0	1.2	.2								3.6	5.8
NNW	1.3	.6	.2	.1								2.2	4.0
VARIABLE													
CALM	////////////////////											37.6	////
TOTALS	36.3	19.7	5.3	1.1								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.8	2.7	1.2	.1								6.8	4.4
NNE	2.9	.7	.2									3.9	2.8
NE	5.1	1.3	.4									6.9	2.8
ENE	7.4	3.2	.9									11.6	3.2
E	3.0	3.2	.4	.1								6.8	3.8
ESE	1.1	.9	.1									2.1	3.5
SE	.3	1.2										1.6	4.1
SSE	.7	1.6	.9									3.1	5.4
S	1.4	2.3	.8									4.6	4.5
SSW	.6	.2	.3	.3								1.4	6.7
SW	.4	.7	.3									1.4	4.5
WSW	.6	.1	.1									.8	3.6
W	1.2	.6	.4	.6								2.8	5.5
WNW	1.2	.6	.9	.6								3.1	6.0
W	2.1	1.4	1.9	1.1	.2							6.8	6.8
WNW	1.1	2.6	2.6	.4								6.7	6.2
VARIABLE		.1	.3	.1								.6	8.8
CALM	////////////////////										29.3	////	
TOTALS	32.0	25.3	11.4	3.3	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.3	1.4	.2	.2								3.2	4.6
NNE	2.4	1.2	.1									3.8	2.9
NE	1.1	1.1	.3									2.6	4.1
ENE	.8	1.7	.6	.1								3.1	5.0
E	1.7	2.0	.9									4.6	4.6
ESE	.7	.9	.3									1.9	4.4
SE	1.1	1.2	.3									2.7	4.2
SSE	1.3	1.4	.2									3.0	3.8
S	2.1	3.0	.9									6.0	4.4
SSW	2.1	1.6	1.0	.2	.1							5.0	5.1
SW	1.9	2.7	.9	.6	.1							5.7	5.5
WSW	2.0	1.6	.4	.8								4.8	5.3
W	2.8	2.6	1.8	1.9	.2							9.2	6.8
WNW	2.9	3.0	2.9	2.4								11.2	6.9
W	2.3	2.2	3.1	2.6	.2	.1						10.6	7.7
WNW	2.8	2.3	2.1	.6	.1							7.9	5.7
VARIABLE		.1	2.3	.8	.1							3.3	9.5
CALM	////////////////////										11.6	////	
TOTALS	29.3	29.4	18.4	10.1	.9	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.8	.9	.1	.1								3.9	2.7
NNE	1.2	.3	.2									1.8	3.4
NE	.6	1.0		.1								1.7	4.4
ENE	.8	.9	.6	.1								2.3	4.8
E	.7	1.3	.6									2.6	4.7
ESE	.8	.9	.2									1.9	4.2
SE	.3	.8	.4									1.6	4.8
SSE	.6	.6										1.1	3.6
S	1.0	1.6	.6									3.1	4.7
SSW	1.7	1.4	.8									3.9	4.4
SW	2.4	1.7	1.0									5.1	4.0
WSW	1.4	2.1	2.4	.4								6.4	6.1
W	3.1	6.7	4.9	2.4	.2							17.3	6.8
WNW	3.1	7.6	6.3	2.8	.1							19.9	6.9
NW	2.0	3.1	4.3	2.0	.1							11.6	7.2
NNW	2.2	.9	.7	.3								4.1	4.5
VARIABLE			2.8	.3	.1							3.2	9.2
CALM	////////////////////////////////////											8.6	////
TOTALS	24.7	31.7	25.9	8.7	.6							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (DREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.2	1.0	.4									2.7	4.1
NNE	.8	.4										1.2	2.6
NE	2.2	.9	.1									3.2	2.9
ENE	6.7	1.9	.3									8.9	3.0
E	3.4	1.6	.1									5.1	2.9
ESE	.7	.1	.1									.9	2.9
SF	.4	.1	.2									.8	4.3
SSE	.9	.3	.3									1.6	4.0
S	1.4	1.3	.6									3.3	4.4
SSW	.9	1.6	.4									3.1	4.5
SW	1.3	1.1	.4									2.9	3.9
WSW	1.0	1.0	.3									2.3	3.9
W	3.9	3.6	2.2	.9								10.6	5.4
WNW	4.2	2.1	1.8	.1								8.2	4.1
NW	2.3	2.2	2.3	.3								7.2	5.5
NNW	1.0	.3	.7	.1								2.1	5.4
VARIABLE													
CALM	////////////////////											35.9	////
TOTALS	32.4	19.8	10.4	1.4								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	2.0	.4	.1								4.0	4.6
NNE	1.4	1.0	.1									2.6	3.3
NE	5.3	1.4										6.8	2.7
ENE	12.8	6.3	.3	.1	.1							19.7	3.1
E	8.7	4.0	.1									12.8	3.0
ESE	.9	.3										1.2	2.6
SE	1.0		.1									1.1	2.5
SSE	.4	1.1	.1									1.7	4.3
S	.4	.8	.6									1.8	5.1
SSW	.3	.6	.1	.1								1.1	5.2
SW	.3	.7	.2									1.2	5.1
WSW	.3	.4	.2	.1								1.1	5.1
W	.8	.7	1.0		.1							2.6	6.3
WNW	.8	.9	.9	.2	.1							2.9	6.7
NW	1.0	1.6	1.7	.3								4.6	6.3
NNW	1.6	2.3	1.2	.1								5.2	4.8
VARIABLE													
CALM	////////////////////////////////////											29.8	////
TOTALS	37.6	24.1	7.1	1.1	.3							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOT							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	2.2	1.6	.5	.1				4.3	4.0
NNE	1.9	.7	.1					2.7	2.9
NE	3.7	1.5	.1	.0				5.4	3.0
ENE	9.3	4.3	.5	.1	.0			14.2	3.1
E	4.9	2.7	.3	.0				8.0	3.3
ESE	.8	.4	.1					1.4	3.3
SE	.7	.6	.2					1.5	3.8
SSE	.8	.4	.3					1.6	4.3
S	1.0	1.3	.5					2.8	4.5
SSW	.8	.7	.4	.1	.0			2.0	4.8
SW	.9	.8	.4	.1	.0			2.2	4.6
WSW	.4	.7	.5	.2				2.2	5.2
W	1.7	2.0	1.5	.8	.1			6.0	6.3
WNW	1.8	2.1	1.9	.9	.0			6.7	6.3
W	1.7	1.7	2.0	.9	.1	.0		6.5	6.6
WNW	1.6	1.5	1.2	.2	.0			4.6	5.2
VARIABLE		.0	.7	.2	.0			.9	9.4
CALM	////////////////////							26.8	////
TOTALS	34.7	23.4	11.2	3.5	.3	.0		100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 1700

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.2	.9	.1									3.1	3.0
NNE	1.6	.3										1.9	2.1
NE	3.9	1.1	.1									5.1	2.7
ENE	11.8	5.3	.1									17.2	2.9
E	9.0	2.8										11.8	2.7
ESE	.6	.8	.1									1.4	3.5
SE	.5	.5	.4									1.5	5.3
SSE	.9	.8	.1									1.7	3.8
S	.6	.2										.9	2.5
SSW	.4	.3	.2									1.0	4.0
SW	.3	.2										.5	3.6
WSW	.3	.2	.1	.1								.6	4.9
W	1.0	.4	.5	.3								2.3	5.9
WNW	1.2	.6	.9	.2	.1							3.0	6.0
NW	1.1	1.2	1.1	.5								3.9	6.1
NNW	2.0	.9	1.6	.9								4.9	5.5
VARIABLE													
CALM	////////////////////											39.7	////
TOTALS	37.5	16.2	5.4	1.6	.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: 471223 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (OF DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	1.1	.9									3.8	3.5
NNE	1.0	.1	.2									1.3	3.0
NE	5.5	1.9										7.3	2.6
ENE	11.8	5.1										16.9	2.8
E	9.0	3.4										12.5	2.8
ESE	.8	.3	.1									1.2	3.3
SE	.5	.5	.9									1.5	4.3
SSE	.4	.5	.5									1.5	5.0
S	.3	.1		.1								.5	5.0
SSW	.3	.2	.1	.1								.9	5.1
SW	.3	.2										.5	3.6
WSW	.3	.9	.1									.9	4.1
W	1.0	.5	.2	.3								2.0	4.8
WSW	1.5	.3	.6	.3	.1							2.9	5.9
NW	.9	2.0	1.2	.9								4.1	6.4
NNW	1.2	1.5	.9	.1								3.7	5.1
VARIABLE													
CALM	////////////////////											39.7	////
TOTALS	36.7	18.3	4.8	1.4	.1							107.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-90
 MONTH: DEC HOURS (LST): 04-105

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN KTS	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-58
N	1.6	1.4	.3									3.3	3.6
NNE	1.0	.7	.2									1.9	3.4
NE	5.9	1.4										7.3	2.5
NENE	13.5	6.7										20.2	3.2
E	6.8	4.7	.7									11.2	3.2
ESE	.8	.5	.1									1.4	3.7
SE	.2	.4	.6	.1								1.3	6.2
SEF	.4	.4	.5	.1								1.4	3.6
S	.6	.7	.1									1.4	3.6
SSW	.3	.1										.4	3.0
SW	.5	.7	.3									1.5	4.5
WSW	.2	.4		.1								.7	4.9
W	.8	.4	.3									1.5	4.2
WNW	.4	.7	.3	.6								1.8	4.5
W	1.0	.4	.6	.4								2.4	6.1
WNW	1.1	1.7	1.2	.3								4.3	5.8
VARIABLE			.1									.1	10.0
CALM	////////////////////										38.4	////	
TOTALS	35.2	19.5	5.2	1.6								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 210

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DIRECTIONS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.0	2.4	.9									5.6	4.1
NNE	1.9		.7									2.3	2.7
NF	3.7	.9										4.5	2.4
NNE	9.4	5.2										14.5	3.0
E	5.4	3.4	.3									9.1	3.1
ESE	1.1	.7	.2									1.6	3.7
SE	.5	.9	.4	.1								1.9	5.3
SE	.9	.4	1.2	.1								2.9	5.6
S	1.1	.2	.2									2.2	3.9
SSW	.6	.2										.9	2.8
SW	.5	.7	.2	.2								1.3	5.3
WSW	.3	.2	.3									.9	5.5
W	.9	.1	.4		.1							1.5	5.6
WNW	.5	.7	.4	1.4								3.0	2.6
W	2.4	.6	1.9	1.1	.1							6.3	6.4
WSW	1.8	2.4	2.2	.4								7.5	5.7
VARIANCE			.4	.3								.8	12.1
CALC	////////////////////////////////////											33.2	////
TOTALS	33.0	19.2	9.7	4.1	.2							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-96
 MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.2	1.7	.4									3.9	3.7
NNE	.5	.2										.8	2.3
NE	.2	.2	.2									.6	5.0
NNE	1.2	1.3	.1									2.6	3.9
E	1.5	1.4	.4									3.3	3.9
ESE	.2	.5										.8	4.1
SE	.6	1.2	.6	.1								2.6	5.5
SSE	1.7	1.3	1.2	.2								4.4	5.0
S	2.2	2.0	.5	.2								4.9	4.3
SSW	1.9	2.7	.2									4.8	3.8
SW	2.3	1.3	.3	.8								4.6	5.0
WSW	2.3	1.9	.9	.4								5.5	4.9
W	3.5	1.9	1.5	1.3	.4							8.8	6.2
WNW	1.9	2.2	4.8	4.0	.4							13.3	8.7
NW	1.6	1.4	4.2	3.1	.1							10.4	8.5
NNW	2.8	3.7	1.8	.5	.1							8.9	5.3
VARIABLE			1.9	.6								2.6	9.8
CALM	////////////////////										17.1	////	
TOTALS	26.7	24.5	19.4	11.3	1.1							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: 471220 STATION NAME: OSAN AB (KOREA)

PERIOD OF RECORD: 77-R6
MONTH: DEC HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.0	.7	.1									1.8	3.8
NNE	.3											.3	2.3
NE	.9	.2										1.1	2.4
ENE	.8	1.1										1.9	3.6
E	1.6	1.0										2.6	3.0
ESE	.5	.4	.1									1.1	3.7
SE	.6	.8	.3									1.7	4.6
SSE	.9	.9	.2									1.9	3.8
S	1.2	1.9	.6	.1								3.9	4.8
SSW	1.3	1.7	.4	.3								3.8	4.9
SW	2.0	1.4	.8	.4								4.6	4.7
WSW	1.4	1.4	1.2	.1	.2							4.3	5.9
W	3.3	5.1	3.7	1.8	.1	.1						14.1	6.4
WNW	3.0	8.0	7.5	4.1	.4							23.0	7.5
NW	3.0	4.3	4.5	1.9	.2							14.9	6.8
NNW	1.3	2.2	1.3	.3								5.1	5.4
VARIABLE			.5	.5								1.1	10.7
CALM	////////////////////										14.4	////	
TOTALS	23.1	30.4	21.3	9.7	1.0	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: DEC HOURS(LST): 1900-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	.6										2.0	3.1
NE	1.7	.4										2.2	2.4
ENE	5.8	1.6	.1									7.5	2.6
E	4.0	1.9										5.9	2.8
ESE	.9	.6	.1									1.7	3.5
SE	.3	.4		.1								.9	4.1
SSE	.3	1.0	.3									1.6	4.9
S	.9	1.0	.3									2.2	4.0
SSW	1.6	.9	.4									2.9	3.8
SW	1.0	.5										1.5	3.2
WSW	1.2	.7	.3	.1								1.8	3.9
W	4.6	3.1	1.6	.2								9.6	4.1
WNW	4.3	3.3	1.3	.4	.4							9.8	5.1
W	2.4	2.3	2.0	1.4								8.1	6.5
NW	1.6	.9	.2									2.7	3.4
VARIABLE			.1	.1								.2	11.0
CALM	////////////////////////////////////										39.5	////	
TOTALS	31.9	18.9	6.9	2.4	.4							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.7	1.1	.2									3.0	3.5
NNE	1.6	.3										1.9	2.3
NE	3.5	1.2	.1									4.8	2.9
ENE	11.8	4.9	.1									16.9	2.8
E	5.6	3.9	.1									9.6	3.0
ESE	.3	.9										1.2	4.4
SE	.1	.1	.3									.5	5.8
SSE	.4	1.3	.4									2.2	4.6
S	.4	.5	.1									1.1	4.3
SSW	.3	.4										.8	3.7
SW	.3	.3	.1									.8	4.3
WSW	.4	.1	.1									.6	4.2
W	.4	1.3	.1	.1								1.9	5.1
WNW	1.2	1.1	1.0	.3	.1							3.7	6.1
NW	1.6	1.4	1.7	.4								5.9	6.2
NNW	1.6	1.1	1.4	.2	.1							4.4	5.6
VARIABLE				.2								.2	13.5
CALM	////////////////////										40.5	////	
TOTALS	31.5	20.3	5.8	1.6	.2							100.0	2.3

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: 471220 STATION NAME: OSAN AB KOREA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.8	1.2	.3									3.3	3.6
NNE	1.0	.2	.1									1.2	2.6
NE	3.2	.9	.1									4.1	2.6
ENE	8.3	3.9	.1									12.2	2.9
E	5.4	2.8	.1									8.3	3.0
ESE	.6	.6	.1									1.3	3.7
SE	.4	.6	.4	.1								1.5	5.2
SSE	.7	.9	.6	.1								2.2	4.8
S	.9	.9	.2	.1								2.1	4.2
SSW	.9	.8	.2	.1								1.9	4.1
SW	.9	.6	.2	.2								1.9	4.6
WSW	.8	.6	.4	.1	.0							1.9	5.0
W	1.9	1.6	1.1	.5	.1	.0						5.2	5.6
WNW	1.8	2.0	2.2	1.4	.2							7.6	7.2
NW	1.7	1.8	2.2	1.2	.1							6.9	6.8
NNW	1.7	1.9	1.3	.3	.0							5.2	5.4
VARIABLE			.4	.2								.6	10.3
CALM	////////////////////										52.6	////	
TOTALS	31.9	21.0	9.8	4.2	.4	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.5	.8	.3	.0	.0							2.7	3.6
NNE	1.3	.5	.2	.0								2.0	3.3
NE	3.1	1.1	.3	.1	.0	.0						4.6	3.3
ENE	7.0	3.1	.5	.1	.0							10.7	3.2
E	4.9	2.4	.8	.2	.0							8.7	3.7
ESE	1.0	.7	.2	.0		.0						2.0	3.9
SE	.8	.7	.2	.0	.0							1.8	4.0
SSE	.9	.9	.3	.0								2.1	4.2
S	1.5	1.2	.4	.1	.0							3.2	4.2
SSW	1.9	1.3	.6	.3	.0	.0	.0					3.6	5.2
SW	1.5	1.5	.7	.3	.0	.0						4.0	5.2
WSW	1.3	1.4	.9	.3	.0	.0						3.9	5.5
W	2.6	3.1	2.3	.9	.1	.0						9.1	6.0
WNW	1.9	2.1	1.8	.9	.1	.0						6.8	6.4
NW	1.4	1.3	1.0	.5	.0	.0						4.3	5.9
NNW	1.2	1.0	.6	.1	.0							2.9	4.8
VARIABLE	.0	.0	1.1	.3	.0	.0						1.5	9.1
CALM	////////////////////										26.2	////	
TOTALS	33.3	23.6	12.4	4.1	.4	.1	.0					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 87638

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	1.6	.6	.2	.0				2.4	3.2
NNE	1.8	.5	.1	.0				2.4	2.9
NE	4.5	.9	.1	.1				5.6	2.7
ENE	10.4	3.0	.2	.0				13.6	2.7
E	6.6	2.2	.4	.1	.0			9.3	3.0
ESE	.9	.4	.2					1.5	3.4
SE	.7	.5	.1					1.3	3.6
SSE	.8	.4	.2	.0				1.5	3.9
S	1.4	.9	.3	.0				2.6	3.9
SSW	1.1	.9	.8	.3				3.2	5.5
SW	1.2	1.1	1.0	.5	.0	.0		3.9	6.1
WSW	1.1	1.2	1.1	.3	.0			3.7	6.0
W	1.7	1.6	1.3	.5	.1			5.2	5.8
WNW	1.3	.8	.4	.2	.0			2.8	4.9
W	1.0	.4	.2	.1				1.7	4.2
NNW	.7	.5	.2	.0	.0			1.5	4.1
VARIABLE		.1	.1	.0				.2	8.4
CALM	////////////////////							37.7	////
TOTALS	36.7	16.1	7.1	2.2	.2	.0		100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 12193

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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

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

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

NOTES:

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

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

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

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

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

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
OBSCURED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL			44.0	48.7	52.8	57.8	59.0	61.3	62.6	62.6	63.1	63.6	63.6	63.9	64.0	64.2	65.2
GE 20000			46.0	51.0	55.4	61.1	62.2	65.2	66.5	66.5	67.0	67.5	67.5	67.7	67.9	69.1	69.0
GE 18000			46.1	51.2	55.8	61.4	62.6	65.5	66.8	66.8	67.3	67.9	67.9	68.1	68.2	69.4	69.4
GE 16000			46.1	51.2	55.8	61.4	62.6	65.5	66.8	66.8	67.3	67.9	67.9	68.1	68.2	69.4	69.4
GE 14000			46.3	51.5	56.0	61.9	62.8	65.7	67.0	67.0	67.5	68.1	68.1	68.3	68.4	69.6	69.6
GE 12000			46.4	51.6	56.2	61.8	63.0	65.9	67.2	67.2	67.7	68.3	68.3	68.5	68.6	69.8	69.8
GE 10000			46.9	52.2	56.9	62.5	63.8	66.7	68.1	68.1	68.7	69.3	69.3	69.5	69.6	69.8	70.8
GE 9000			46.9	52.2	56.9	62.6	63.8	66.7	68.1	68.1	68.7	69.3	69.3	69.5	69.6	69.8	70.8
GE 8000			48.1	53.8	58.8	64.9	66.1	69.1	70.6	70.6	71.2	71.7	71.7	72.0	72.1	72.3	73.2
GE 7000			48.5	54.3	59.2	65.4	66.6	69.6	71.0	71.0	71.6	72.2	72.2	72.4	72.5	72.7	73.7
GE 6000			48.7	54.4	59.3	65.5	66.7	69.7	71.1	71.1	71.7	72.3	72.3	72.5	72.6	72.8	73.8
GE 5000			49.4	55.3	60.3	66.5	67.6	70.8	72.6	72.6	73.2	73.8	73.8	74.0	74.1	74.3	75.3
GE 4000			49.6	55.9	60.8	67.0	68.2	71.3	73.2	73.2	73.9	74.4	74.4	74.6	74.8	75.0	75.9
GE 3000			53.4	60.0	65.3	72.0	73.2	76.9	78.9	78.9	79.5	80.2	80.2	80.5	80.6	80.8	81.8
GE 2500			55.9	63.3	69.1	75.9	77.3	81.2	83.2	83.3	83.9	84.6	84.6	84.9	85.0	85.2	86.2
GE 2000			59.5	67.7	74.4	82.1	83.5	87.6	89.9	90.2	90.9	91.9	92.0	92.4	92.6	92.8	93.9
GE 1800			60.5	68.7	75.4	83.3	84.7	88.8	91.0	91.4	92.2	93.2	93.3	93.7	93.9	94.1	95.1
GE 1600			60.6	68.9	75.6	83.7	85.1	89.4	91.9	92.3	93.3	94.5	94.7	95.1	95.3	95.5	96.5
GE 1400			60.6	68.9	75.6	83.7	85.1	89.4	91.9	92.3	93.3	94.5	94.7	95.1	95.3	95.5	96.5
GE 1200			60.7	69.1	75.8	83.9	85.3	89.6	92.2	92.7	93.7	94.9	95.1	95.6	95.7	95.9	97.0
GE 1000			60.7	69.1	75.9	84.0	85.4	89.8	92.3	92.8	93.9	95.0	95.3	95.7	95.8	96.0	97.1
GE 900			60.7	69.1	75.9	84.0	85.4	89.8	92.3	92.8	93.9	95.0	95.3	95.7	95.8	96.0	97.1
GE 800			60.7	69.1	75.9	84.0	85.4	89.8	92.3	92.8	93.9	95.0	95.3	95.7	95.8	96.0	97.1
GE 700			60.7	69.1	75.9	84.0	85.4	89.8	92.3	92.8	93.9	95.0	95.3	95.7	95.8	96.0	97.1
GE 600			60.7	69.1	75.9	84.0	85.4	89.8	92.3	92.8	93.9	95.0	95.3	95.7	95.8	96.0	97.1
GE 500			60.7	69.1	75.9	84.0	85.4	89.8	92.3	92.8	93.9	95.0	95.3	95.7	95.8	96.0	97.1
GE 400			60.7	69.1	75.9	84.0	85.4	89.8	92.3	92.8	93.9	95.0	95.3	95.7	95.8	96.0	97.1
GE 300			60.7	69.1	75.9	84.0	85.4	89.8	92.3	92.8	93.9	95.0	95.3	95.7	95.8	96.0	97.1
GE 200			60.7	69.1	75.9	84.0	85.4	89.8	92.3	92.8	93.9	95.0	95.3	95.7	95.8	96.0	97.1
GE 100			60.7	69.1	75.9	84.0	85.4	89.8	92.3	92.8	93.9	95.0	95.3	95.7	95.8	96.0	97.1
GE 0			60.7	69.1	75.9	84.0	85.4	89.8	92.3	92.8	93.9	95.0	95.3	95.7	95.8	96.0	97.1

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
 UKAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	41.9	47.7	49.8	54.6	56.2	57.6	60.0	60.0	60.4	60.5	60.5	60.8	60.9	61.2	62.1	
GE 2000	43.6	49.7	51.9	57.2	58.8	60.5	63.1	63.1	63.6	63.8	63.8	64.1	64.2	64.4	65.4	
GE 1800	43.8	50.1	52.2	57.7	59.3	61.1	63.6	63.6	64.2	64.3	64.3	64.6	64.7	64.9	65.9	
GE 1600	44.1	50.4	52.5	58.0	59.7	61.4	64.0	64.0	64.5	64.6	64.6	64.9	65.0	65.3	66.2	
GE 1400	44.1	50.4	52.5	58.0	59.7	61.4	64.0	64.0	64.5	64.6	64.6	64.9	65.0	65.3	66.2	
GE 1200	44.6	51.0	53.3	59.8	60.4	62.1	65.0	65.0	65.9	66.0	66.0	66.3	66.5	66.7	67.6	
GE 1000	44.8	51.2	53.5	59.0	60.6	62.4	65.3	65.3	66.1	66.2	66.2	66.6	66.7	66.9	67.9	
GE 800	45.8	52.4	55.0	60.5	62.1	64.3	67.2	67.2	68.1	68.2	68.2	68.5	68.6	68.8	69.8	
GE 700	46.0	52.5	55.1	60.8	62.6	64.7	67.6	67.6	68.5	68.6	68.6	68.9	69.0	69.3	70.2	
GE 600	46.0	52.5	55.1	60.8	62.6	64.7	67.6	67.6	68.5	68.6	68.6	68.9	69.0	69.3	70.2	
GE 500	46.8	53.6	56.6	62.4	64.1	66.2	69.4	69.4	70.2	70.3	70.3	70.7	70.8	71.0	72.0	
GE 450	46.9	54.0	57.1	62.8	64.5	66.8	70.1	70.2	71.2	71.3	71.3	71.6	71.7	72.0	72.9	
GE 400	51.5	59.2	62.4	69.1	71.1	73.5	77.9	78.1	79.2	79.3	79.3	79.6	79.7	79.9	80.9	
GE 350	53.0	60.9	64.1	71.2	73.1	75.5	80.0	80.4	81.4	81.6	81.6	81.9	82.0	82.2	83.2	
GE 300	56.2	65.4	69.1	77.2	79.4	82.2	87.4	87.8	89.3	89.4	89.5	89.9	90.1	90.3	91.3	
GE 250	56.7	66.0	69.8	77.9	80.0	83.2	88.6	89.0	90.5	90.6	90.7	91.0	91.3	91.5	92.4	
GE 200	57.6	67.0	70.8	78.9	81.0	84.1	89.5	90.0	91.5	91.6	91.7	92.0	92.2	92.4	93.4	
GE 180	57.6	67.0	70.9	79.0	81.1	84.3	89.6	90.1	91.6	91.7	91.8	92.1	92.3	92.6	93.5	
GE 160	57.9	67.3	71.4	79.5	81.7	84.9	90.3	90.7	92.3	92.6	92.8	93.1	93.3	93.5	94.5	
GE 140	58.1	67.5	71.6	79.7	81.9	85.1	90.7	91.2	92.8	93.1	93.3	93.6	93.9	94.1	95.0	
GE 120	58.1	67.5	71.6	79.7	81.9	85.1	90.8	91.3	93.0	93.4	93.7	94.3	94.5	94.8	95.8	
GE 100	58.1	67.5	71.6	79.7	81.9	85.2	90.9	91.4	93.2	93.6	94.0	94.5	94.7	95.0	96.0	
GE 80	58.3	67.6	71.7	79.8	82.0	85.3	91.0	91.5	93.3	93.7	94.2	94.7	94.9	95.3	96.2	
GE 70	58.3	67.6	71.7	79.8	82.2	85.5	91.3	91.7	93.5	94.0	94.4	94.9	95.1	95.5	96.4	
GE 60	58.3	67.6	71.7	79.8	82.3	85.8	91.5	91.9	94.0	94.4	94.8	95.4	95.6	95.9	96.9	
GE 50	58.3	67.6	71.7	79.8	82.3	85.8	91.5	91.9	94.0	94.4	94.8	95.4	95.6	95.9	96.9	
GE 40	58.3	67.6	71.7	79.8	82.3	85.8	91.5	91.9	94.0	94.4	94.8	95.4	95.6	95.9	96.9	
GE 30	58.3	67.6	71.7	79.8	82.3	85.8	91.5	91.9	94.0	94.4	94.8	95.4	95.6	95.9	96.9	
GE 20	58.3	67.6	71.7	79.8	82.3	85.8	91.5	91.9	94.0	94.4	94.8	95.4	95.6	95.9	96.9	
GE 10	58.4	67.7	71.8	79.9	82.4	86.0	91.8	92.2	94.6	95.1	95.7	96.4	96.9	97.2	99.4	
GE 0	58.4	67.7	71.8	79.9	82.4	86.0	91.8	92.2	94.6	95.1	95.7	96.4	96.9	97.2	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: 471220 STATION NAME: OSAN AB (KOREA)

PERIOD OF RECORD: 78-87
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 CLIL	33.5	39.4	43.2	49.1	51.3	54.3	57.2	57.8	58.4	58.7	59.0	59.4	59.5	59.5	60.5	
GE 2000	34.9	41.0	45.3	51.5	53.7	57.3	60.3	60.9	61.7	61.9	62.2	62.6	62.8	62.8	63.7	
GE 1800	35.0	41.1	45.1	51.6	53.8	57.4	60.4	61.0	61.8	62.0	62.3	62.8	62.9	62.9	63.8	
GE 1600	35.0	41.1	45.1	51.6	53.8	57.4	60.4	61.0	61.8	62.0	62.3	62.8	62.9	62.9	63.8	
GE 1400	35.0	41.1	45.1	51.7	53.9	57.5	60.6	61.2	62.0	62.2	62.5	63.0	63.1	63.1	64.0	
GE 1200	35.0	41.2	45.2	51.5	54.0	57.6	60.8	61.5	62.2	62.4	62.8	63.2	63.3	63.3	64.3	
GE 1000	35.5	41.9	46.0	52.5	54.8	58.4	62.0	62.6	63.4	63.6	63.9	64.4	64.5	64.5	65.4	
GE 900	35.5	41.9	46.0	52.5	54.8	58.4	62.0	62.6	63.4	63.6	63.9	64.4	64.5	64.5	65.4	
GE 800	36.7	43.3	47.6	54.4	56.6	60.5	64.0	64.7	65.4	65.7	66.0	66.4	66.5	66.5	67.5	
GE 700	36.7	43.3	47.6	54.4	56.7	60.7	64.4	65.0	65.8	66.0	66.3	66.7	66.8	66.8	67.8	
GE 600	36.7	43.3	47.6	54.4	56.7	60.7	64.4	65.0	65.8	66.0	66.3	66.7	66.8	66.8	67.8	
GE 500	37.1	44.0	48.4	55.5	58.0	62.0	65.7	66.3	67.1	67.3	67.6	68.0	68.1	68.1	69.1	
GE 450	37.2	44.3	48.9	56.0	58.4	62.6	66.3	67.1	67.8	68.0	68.4	68.8	68.9	68.9	69.9	
GE 400	41.2	50.1	54.9	62.9	65.6	69.9	75.1	76.2	77.3	77.7	78.3	78.7	78.8	78.8	79.8	
GE 350	42.8	51.7	56.6	65.1	67.8	72.1	77.5	78.6	79.8	80.3	80.9	81.4	81.5	81.5	82.5	
GE 300	44.8	53.8	59.5	69.9	72.9	77.4	84.1	85.1	86.7	87.4	88.1	88.7	88.7	89.7	89.7	
GE 250	45.5	54.6	60.3	70.7	73.7	78.7	85.4	86.4	88.1	88.8	89.5	90.0	90.2	90.2	91.2	
GE 200	46.2	55.3	61.0	71.5	74.5	79.9	86.7	87.7	89.5	90.2	90.9	91.4	91.6	91.6	92.6	
GE 180	46.2	55.3	61.0	71.5	74.5	79.9	86.8	87.9	89.7	90.4	91.1	91.6	91.8	91.8	92.8	
GE 160	46.4	55.5	61.2	71.7	74.8	80.3	87.3	88.5	90.2	91.0	91.6	92.2	92.5	92.5	93.4	
GE 140	46.4	55.5	61.2	71.7	74.8	80.3	87.4	88.7	90.5	91.3	91.9	92.6	92.8	92.8	93.8	
GE 120	46.4	55.5	61.4	71.4	74.9	80.4	87.6	88.9	91.3	92.0	92.7	93.4	93.6	93.6	94.6	
GE 100	46.4	55.5	61.4	71.4	74.9	80.4	87.6	89.0	91.4	92.1	92.8	93.5	93.9	93.9	94.8	
GE 90	46.4	55.5	61.4	71.4	74.9	80.4	87.6	89.0	91.4	92.1	92.8	93.5	93.9	93.9	94.8	
GE 80	46.4	55.5	61.4	71.4	74.9	80.4	87.6	89.0	91.4	92.1	92.8	93.5	93.9	93.9	94.8	
GE 70	46.4	55.5	61.4	71.4	74.9	80.4	87.6	89.0	91.4	92.1	92.8	93.5	93.9	93.9	94.8	
GE 60	46.4	55.5	61.4	71.4	74.9	80.4	87.6	89.0	91.4	92.1	92.8	93.5	93.9	93.9	94.8	
GE 50	46.4	55.5	61.4	71.4	74.9	80.4	87.6	89.0	91.4	92.1	92.8	93.5	93.9	93.9	94.8	
GE 40	46.4	55.5	61.4	71.4	74.9	80.4	87.6	89.0	91.4	92.1	92.8	93.5	93.9	93.9	94.8	
GE 30	46.4	55.5	61.4	71.4	74.9	80.4	87.6	89.0	91.4	92.1	92.8	93.5	93.9	93.9	94.8	
GE 20	46.4	55.5	61.4	71.4	74.9	80.4	87.6	89.0	91.4	92.1	92.8	93.5	93.9	93.9	94.8	
GE 10	46.4	55.5	61.4	71.4	74.9	80.4	87.6	89.0	91.4	92.1	92.8	93.5	93.9	93.9	94.8	
GE 0	46.5	55.7	61.5	71.9	75.1	80.7	88.4	89.8	92.9	94.2	94.9	95.9	96.4	96.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		23.6	29.3	35.0	42.5	44.9	51.0	56.0	58.9	61.7	62.9	63.3	63.5	63.9	64.4	65.8
GE 2000	24.8	33.5	36.5	44.3	46.8	53.6	59.0	61.9	64.7	66.0	66.4	66.6	67.1	67.5	68.4	68.9
GE 1800	25.1	33.8	36.8	44.7	47.4	54.1	59.6	62.5	65.3	66.6	67.1	67.3	67.7	68.1	69.5	69.5
GE 1600	25.1	33.8	36.8	44.7	47.4	54.1	59.6	62.5	65.3	66.6	67.1	67.3	67.7	68.1	69.5	69.5
GE 1400	25.2	33.9	36.9	44.9	47.5	54.4	60.0	62.9	65.7	67.0	67.4	67.6	68.0	68.5	69.9	69.9
GE 1200	25.2	33.9	36.9	44.9	47.5	54.4	60.2	63.1	65.9	67.2	67.6	67.8	68.2	68.7	70.1	70.1
GE 1000	25.4	34.1	37.1	45.0	47.9	54.9	60.8	63.8	66.7	68.0	68.5	68.7	69.1	69.5	70.9	70.9
GE 900	25.5	34.2	37.2	45.2	48.1	55.1	61.0	64.0	67.0	68.2	68.7	68.9	69.3	69.8	71.2	71.2
GE 800	26.3	32.1	38.1	46.5	49.5	56.5	62.8	65.8	68.8	70.2	70.6	71.8	71.3	71.7	73.1	73.1
GE 700	26.4	32.2	38.2	46.6	49.7	56.9	63.4	66.4	69.5	70.9	71.5	71.7	72.1	72.5	74.0	74.0
GE 600	26.5	32.3	38.3	46.9	49.9	57.1	63.6	66.6	69.8	71.2	71.7	71.9	72.3	72.8	74.2	74.2
GE 500	27.2	33.0	39.2	47.9	51.2	58.4	65.1	68.1	71.3	72.7	73.2	73.4	73.8	74.3	75.7	75.7
GE 400	27.6	33.6	39.8	48.7	52.0	59.2	65.9	68.9	72.1	73.5	74.2	74.4	74.8	75.2	76.6	76.6
GE 300	29.6	36.5	43.6	52.9	56.3	63.8	71.7	75.0	79.3	81.1	81.7	82.0	82.5	82.9	84.3	84.3
GE 250	30.6	37.6	44.7	53.9	57.4	65.0	73.1	76.4	81.2	83.1	83.9	84.2	84.7	85.1	86.5	86.5
GE 200	32.3	39.9	47.0	57.4	61.1	69.0	77.7	81.5	86.5	89.0	90.1	90.4	91.0	91.4	92.8	92.8
GE 150	32.3	40.0	47.3	57.7	61.6	69.6	78.6	82.3	87.5	90.0	91.1	91.4	91.9	92.4	93.8	93.8
GE 100	32.6	40.5	47.7	58.6	62.4	70.6	79.7	83.4	88.8	91.5	92.8	93.1	93.6	94.1	95.5	95.5
GE 50	32.6	40.5	47.7	58.6	62.4	70.6	79.8	83.5	88.9	91.6	92.9	93.2	93.8	94.2	95.6	95.6
GE 0	32.6	40.5	47.8	58.7	62.5	70.7	80.0	83.7	89.1	91.8	93.2	93.5	94.2	94.6	96.0	96.0
GE 1000	32.6	40.5	47.9	58.8	62.6	70.8	80.1	83.9	89.5	92.1	93.5	94.0	94.6	95.0	96.4	96.4
GE 900	32.6	40.6	48.1	59.1	63.0	71.2	80.4	84.2	89.8	92.5	93.9	94.3	94.9	95.4	96.8	96.8
GE 800	32.6	40.6	48.1	59.2	63.1	71.4	80.6	84.4	90.0	92.7	94.1	94.5	95.2	95.6	97.0	97.0
GE 700	32.6	40.6	48.1	59.2	63.1	71.4	80.6	84.5	90.1	92.8	94.3	94.7	95.5	95.9	97.4	97.4
GE 600	32.6	40.6	48.1	59.2	63.1	71.4	80.6	84.5	90.1	92.8	94.3	94.7	95.5	95.9	97.4	97.4
GE 500	32.6	40.6	48.1	59.2	63.2	71.5	80.7	84.6	90.2	92.9	94.4	95.2	95.9	96.3	97.8	97.8
GE 400	32.6	40.6	48.1	59.2	63.2	71.5	80.7	84.6	90.2	92.9	94.4	95.2	96.0	96.4	97.9	97.9
GE 300	32.6	40.6	48.1	59.2	63.2	71.5	80.7	84.6	90.2	93.0	94.5	95.3	96.1	96.6	98.1	98.1
GE 200	32.6	40.6	48.1	59.2	63.2	71.5	80.7	84.6	90.2	93.0	94.6	95.4	96.2	96.7	98.3	98.3
GE 100	32.6	40.6	48.1	59.2	63.2	71.5	80.7	84.6	90.2	93.0	94.6	95.4	96.2	96.8	98.4	98.4
GE 0	32.6	40.6	48.1	59.2	63.2	71.5	80.7	84.6	90.2	93.0	94.6	95.4	96.2	97.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 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	47.5	52.6	56.8	61.2	62.3	63.6	64.5	64.8	65.4	65.2	66.1	66.4	66.4	66.4	66.4	66.4
GE 2000	49.8	55.9	60.2	65.4	66.0	67.7	68.6	68.9	69.6	70.1	70.3	70.6	70.6	70.6	70.6	70.8
GE 1800	50.4	56.5	60.8	66.1	66.8	68.6	69.4	69.8	70.5	70.9	71.2	71.5	71.5	71.5	71.5	71.7
GE 1600	50.4	56.5	60.9	66.2	67.0	68.7	69.5	69.9	70.6	71.0	71.3	71.6	71.6	71.6	71.6	71.8
GE 1400	50.5	56.6	61.0	66.4	67.2	68.9	69.8	70.1	70.8	71.3	71.5	71.9	71.9	71.9	71.9	72.0
GE 1200	51.0	57.4	61.8	67.4	68.2	70.0	70.8	71.3	72.0	72.4	72.7	73.0	73.0	73.0	73.0	73.2
GE 1000	52.0	58.4	63.3	69.2	70.1	71.9	72.8	73.2	74.0	74.4	74.6	74.9	74.9	74.9	74.9	75.1
GE 900	52.0	58.4	63.3	69.3	70.2	72.0	72.9	73.3	74.1	74.5	74.7	75.0	75.0	75.0	75.0	75.2
GE 800	52.5	59.5	64.4	70.6	71.6	73.4	74.6	75.0	75.8	76.2	76.4	76.7	76.7	76.7	76.7	77.0
GE 700	53.2	60.2	65.0	71.3	72.2	74.1	75.2	75.7	76.4	76.9	77.1	77.4	77.4	77.4	77.4	77.6
GE 600	53.5	60.5	65.3	71.6	72.6	74.4	75.6	76.0	76.7	77.2	77.4	77.7	77.7	77.7	77.7	77.9
GE 500	54.3	61.4	66.2	72.4	73.5	75.3	76.5	77.0	77.7	78.1	78.4	78.7	78.7	78.7	78.7	78.9
GE 400	54.5	61.7	66.6	72.9	74.0	75.8	77.0	77.4	78.1	78.6	78.8	79.1	79.1	79.1	79.1	79.3
GE 300	56.8	64.3	69.3	76.6	78.1	80.1	81.7	82.2	83.0	83.4	83.6	84.0	84.0	84.1	84.1	84.5
GE 200	58.6	66.1	71.5	78.6	80.2	82.2	83.9	84.4	85.3	85.8	86.0	86.3	86.4	86.4	86.4	86.7
GE 100	61.8	70.2	75.6	84.0	86.0	88.7	90.5	91.1	92.0	92.6	92.9	93.3	93.6	93.6	93.9	
GE 2500	62.0	70.7	76.2	84.9	87.0	89.8	91.6	92.2	93.2	93.8	94.1	94.5	94.8	94.8	94.8	95.1
GE 2000	62.3	71.2	76.7	86.0	88.1	90.9	92.8	93.5	94.5	95.0	95.8	96.4	96.8	96.8	96.8	97.0
GE 1800	62.3	71.2	76.7	86.0	88.1	91.0	92.9	93.6	94.6	95.2	95.9	96.6	96.9	96.9	96.9	97.1
GE 1600	62.5	71.5	77.1	86.4	88.5	91.4	93.4	94.2	95.4	96.0	96.9	97.6	98.0	98.0	98.0	98.2
GE 1400	62.5	71.6	77.2	86.5	88.6	91.6	93.6	94.4	95.6	96.2	97.1	97.8	98.2	98.2	98.2	98.4
GE 1200	62.5	71.6	77.4	86.9	88.9	92.0	94.1	94.8	96.1	96.9	97.7	98.5	98.8	98.9	98.9	99.1
GE 1000	62.5	71.6	77.4	86.9	88.9	92.0	94.2	94.9	96.2	97.0	97.8	98.6	98.6	98.9	99.0	99.2
GE 900	62.5	71.6	77.4	86.9	88.9	92.0	94.2	95.0	96.3	97.1	98.0	98.7	99.1	99.1	99.2	99.5
GE 800	62.5	71.6	77.4	86.9	88.9	92.0	94.2	95.0	96.3	97.1	98.0	98.7	99.1	99.2	99.2	99.5
GE 700	62.5	71.6	77.4	86.9	88.9	92.0	94.2	95.0	96.3	97.1	98.0	98.7	99.1	99.2	99.2	99.5
GE 600	62.5	71.6	77.4	86.9	88.9	92.0	94.2	95.0	96.3	97.1	98.0	98.7	99.1	99.2	99.2	99.5
GE 500	62.5	71.6	77.4	86.9	88.9	92.0	94.2	95.0	96.3	97.1	98.0	98.7	99.1	99.2	99.2	99.5
GE 400	62.5	71.6	77.4	86.9	88.9	92.0	94.2	95.0	96.3	97.1	98.0	98.7	99.1	99.2	99.2	99.5
GE 300	62.5	71.6	77.4	86.9	88.9	92.0	94.2	95.0	96.3	97.1	98.0	98.7	99.1	99.2	99.2	99.5
GE 200	62.5	71.6	77.4	86.9	88.9	92.0	94.2	95.0	96.3	97.1	98.0	98.7	99.1	99.2	99.2	99.5
GE 100	62.5	71.6	77.4	86.9	88.9	92.0	94.2	95.0	96.3	97.1	98.0	98.7	99.1	99.2	99.2	99.5
GE 0	62.5	71.6	77.4	86.9	88.9	92.0	94.2	95.0	96.3	97.1	98.0	98.7	99.1	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 249

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	58.3	60.9	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.7	62.9	62.9	62.9	62.9	62.9	62.9	
GE 20000	63.5	67.1	68.6	69.1	69.2	69.2	69.2	69.2	69.2	69.6	69.8	69.8	69.8	69.8	69.8	69.8	
GE 18000	64.5	68.2	69.7	70.3	70.4	70.4	70.4	70.4	70.4	70.8	71.0	71.0	71.0	71.0	71.0	71.0	
GE 16000	64.5	68.2	69.7	70.3	70.4	70.4	70.4	70.4	70.4	70.8	71.0	71.0	71.0	71.0	71.0	71.0	
GE 14000	64.5	68.2	69.7	70.4	70.5	70.5	70.5	70.5	70.5	70.9	71.1	71.1	71.1	71.1	71.1	71.1	
GE 12000	64.9	68.8	70.3	71.1	71.2	71.2	71.2	71.2	71.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	
GE 10000	66.5	70.6	72.5	73.8	73.9	74.0	74.0	74.0	74.0	74.3	74.5	74.5	74.5	74.5	74.5	74.5	
GE 9500	66.8	71.0	72.8	74.1	74.2	74.3	74.3	74.3	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	
GE 8000	68.6	72.9	74.8	76.7	76.8	76.9	76.9	76.9	76.9	77.2	77.4	77.4	77.4	77.4	77.4	77.4	
GE 7500	69.1	73.4	75.4	77.3	77.5	77.6	77.6	77.6	77.6	78.0	78.2	78.2	78.2	78.2	78.2	78.2	
GE 6000	69.5	73.8	75.8	78.0	78.3	78.4	78.4	78.4	78.4	78.7	78.9	78.9	78.9	78.9	78.9	78.9	
GE 5000	70.4	74.7	76.9	79.0	79.4	79.5	79.5	79.5	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0	
GE 4500	70.8	75.1	77.2	79.4	79.7	79.8	79.8	79.8	79.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	
GE 4000	73.7	79.0	81.4	84.0	84.5	84.6	84.6	84.6	84.6	85.1	85.4	85.4	85.4	85.4	85.4	85.4	
GE 3500	74.6	80.0	82.6	85.5	86.0	86.2	86.2	86.2	86.2	86.7	87.0	87.0	87.0	87.0	87.0	87.0	
GE 3000	79.5	85.6	88.2	91.8	92.4	92.8	92.9	93.0	93.0	93.5	93.9	93.9	93.9	93.9	93.9	93.9	
GE 2500	79.5	85.7	88.4	92.4	92.9	93.4	93.5	93.7	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
GE 2000	80.0	85.3	89.0	93.5	94.2	94.9	95.1	95.2	95.7	96.0	96.0	96.0	96.0	96.1	96.1	96.1	
GE 1800	80.0	85.3	89.0	93.5	94.2	94.9	95.1	95.2	95.7	96.0	96.2	96.2	96.2	96.3	96.3	96.3	
GE 1500	80.3	87.2	90.1	94.8	95.5	96.5	96.9	97.0	97.7	98.1	98.5	98.5	98.5	98.6	98.6	98.6	
GE 1200	80.3	87.2	90.1	94.8	95.5	96.6	97.2	97.3	98.1	98.4	98.8	98.8	98.8	98.9	98.9	98.9	
GE 1000	80.4	87.4	90.3	95.2	95.9	97.1	97.7	97.8	98.7	99.0	99.5	99.5	99.5	99.6	99.6	99.6	
GE 900	80.4	87.4	90.3	95.3	96.0	97.2	97.8	98.0	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	
GE 800	80.4	87.4	90.3	95.3	96.1	97.3	98.0	98.2	99.0	99.4	99.8	99.8	99.8	99.9	99.9	99.9	
GE 700	80.4	87.4	90.3	95.3	96.1	97.3	98.0	98.2	99.0	99.4	99.8	99.8	99.8	99.9	99.9	99.9	
GE 600	80.4	87.4	90.3	95.3	96.1	97.3	98.0	98.2	99.0	99.4	99.8	99.8	99.8	99.9	99.9	99.9	
GE 500	80.4	87.4	90.3	95.3	96.1	97.3	98.0	98.2	99.0	99.4	99.8	99.8	99.8	99.9	99.9	99.9	
GE 400	80.4	87.4	90.3	95.3	96.1	97.3	98.0	98.2	99.0	99.4	99.8	99.8	99.8	99.9	99.9	99.9	
GE 300	80.4	87.4	90.3	95.3	96.1	97.3	98.0	98.2	99.0	99.4	99.8	99.8	99.8	99.9	99.9	100.0	
GE 200	80.4	87.4	90.3	95.3	96.1	97.3	98.0	98.2	99.0	99.4	99.8	99.8	99.8	99.9	99.9	100.0	
GE 100	80.4	87.4	90.3	95.3	96.1	97.3	98.0	98.2	99.0	99.4	99.8	99.8	99.8	99.9	99.9	100.0	
GE 0	80.4	87.4	90.3	95.3	96.1	97.3	98.0	98.2	99.0	99.4	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: 471220 STATION NAME: OSAN AB (KREA)

PERIOD OF RECORD: 78-87
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	49.9	56.9	59.9	61.7	62.1	63.1	63.4	63.4	63.6	63.6	63.8	63.8	63.8	63.8	63.8	64.1
GE 2000	53.4	61.8	65.3	69.1	68.5	69.7	70.0	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.7
GE 1800	53.9	62.4	65.8	68.6	69.0	70.2	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.2
GE 1600	54.0	62.5	65.9	69.7	69.1	70.3	70.7	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.3
GE 1400	54.0	62.5	65.9	68.7	69.1	70.3	70.7	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.3
GE 1200	54.4	62.8	66.2	69.0	69.5	70.7	71.0	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.6
GE 1000	55.1	64.1	67.6	70.8	71.2	72.6	72.9	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.6
GE 900	55.1	64.1	67.6	70.8	71.2	72.6	72.9	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.6
GE 800	55.9	65.4	69.1	73.0	73.5	75.0	75.3	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.9
GE 700	56.3	65.9	70.0	74.0	74.4	75.9	76.3	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.9
GE 600	56.3	65.9	70.0	74.0	74.4	75.9	76.3	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.9
GE 500	56.7	66.3	70.7	74.8	75.2	77.1	77.5	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.2
GE 400	57.0	65.7	71.0	75.1	75.5	77.5	77.8	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.5
GE 400	59.5	69.9	74.8	79.4	79.9	82.0	82.7	82.8	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.7
GE 350	61.3	71.6	76.9	82.1	82.6	84.7	85.4	85.5	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.4
GE 300	64.7	75.6	82.5	88.7	89.2	91.4	92.6	92.7	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.9
GE 250	65.0	76.9	83.1	89.3	90.1	92.2	93.5	93.6	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.8
GE 200	65.5	77.6	84.0	90.4	91.2	93.4	94.7	94.8	95.3	95.6	95.8	95.8	95.8	95.8	95.8	96.1
GE 180	65.6	77.8	84.3	90.7	91.5	93.7	95.0	95.1	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.4
GE 150	65.9	78.1	84.6	91.7	92.4	95.0	96.5	96.7	97.3	97.6	97.8	97.8	97.8	97.8	97.8	98.2
GE 100	65.9	78.2	84.8	91.9	92.7	95.3	96.8	96.9	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.4
GE 100	66.0	78.3	85.1	92.2	93.0	95.6	97.1	97.2	98.1	98.5	98.7	98.8	98.8	98.8	98.8	99.1
GE 90	66.0	78.3	85.1	92.2	93.0	95.6	97.1	97.2	98.1	98.5	98.7	98.8	98.8	98.8	98.8	99.1
GE 80	66.0	78.3	85.1	92.2	93.0	95.6	97.1	97.2	98.1	98.5	98.7	98.8	98.8	98.8	98.8	99.1
GE 70	66.0	78.3	85.1	92.2	93.0	95.6	97.1	97.2	98.1	98.5	98.7	98.8	98.8	98.8	98.8	99.1
GE 60	66.0	78.3	85.3	92.4	93.2	95.8	97.4	97.5	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.5
GE 50	66.0	78.3	85.3	92.4	93.2	95.8	97.4	97.6	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.7
GE 40	66.0	78.3	85.3	92.4	93.2	95.8	97.4	97.6	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.7
GE 30	66.0	78.3	85.3	92.4	93.2	95.8	97.4	97.6	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.7
GE 20	66.0	78.3	85.3	92.4	93.2	95.8	97.4	97.6	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.7
GE 10	66.0	78.3	85.3	92.4	93.2	95.8	97.4	97.6	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.9
GE 0	66.0	78.3	85.3	92.4	93.2	95.8	97.4	97.6	98.6	99.0	99.2	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL		47.6	53.5	57.6	62.0	62.4	63.8	64.6	64.7	65.3	66.1	66.1	66.1	66.1	66.1	66.4		
GE 20000		49.7	55.2	61.1	65.9	66.4	68.2	69.0	69.1	69.8	70.5	70.5	70.5	70.5	70.5	70.8		
GE 18000		49.8	55.5	61.5	66.2	66.7	68.6	69.3	69.4	70.1	70.8	70.8	70.8	70.8	70.8	71.2		
GE 16000		49.8	56.5	61.5	66.2	66.7	68.6	69.3	69.4	70.1	70.8	70.8	70.8	70.8	70.8	71.2		
GE 14000		50.1	55.7	61.7	66.4	67.0	68.8	69.5	69.6	70.3	71.0	71.0	71.0	71.0	71.0	71.4		
GE 12000		50.1	56.7	61.7	66.4	67.0	68.8	69.5	69.6	70.3	71.0	71.0	71.0	71.0	71.0	71.4		
GE 10000		50.7	57.9	62.9	68.3	68.6	70.4	71.2	71.3	71.9	72.7	72.7	72.7	72.7	72.7	73.0		
GE 9000		50.7	57.9	62.9	68.0	68.6	70.4	71.2	71.3	71.9	72.7	72.7	72.7	72.7	72.7	73.0		
GE 8000		51.6	59.2	64.2	69.5	70.2	72.0	72.8	72.9	73.5	74.3	74.3	74.3	74.3	74.3	74.6		
GE 7000		52.1	60.1	65.0	70.4	71.0	72.9	73.6	73.7	74.4	75.1	75.1	75.1	75.1	75.1	75.5		
GE 6000		52.1	60.1	65.0	70.4	71.0	72.9	73.6	73.7	74.4	75.1	75.1	75.1	75.1	75.1	75.5		
GE 5000		52.6	60.6	65.7	71.3	72.0	74.1	74.8	75.0	75.7	76.4	76.4	76.4	76.4	76.4	76.7		
GE 4500		53.5	61.5	66.5	72.2	73.0	75.0	75.8	76.0	76.7	77.5	77.5	77.5	77.5	77.5	77.8		
GE 4000		57.4	65.8	71.0	77.7	78.8	80.9	82.0	82.2	83.1	83.9	83.9	84.0	84.0	84.0	84.4		
GE 3500		59.3	68.5	74.0	80.7	81.8	84.0	85.0	85.3	86.1	86.9	86.9	87.0	87.0	87.0	87.4		
GE 3000		62.6	73.4	79.5	87.5	88.7	91.2	92.5	92.7	93.8	94.5	94.5	94.6	94.6	94.6	95.3		
GE 2500		63.0	74.1	80.4	88.6	89.8	92.2	93.5	93.8	94.8	95.6	95.6	95.8	95.8	95.8	96.4		
GE 2000		63.1	74.2	80.7	88.9	90.1	92.9	94.3	94.5	95.7	96.4	96.6	96.8	96.8	96.8	97.4		
GE 1800		63.1	74.2	80.7	88.9	90.1	92.9	94.3	94.5	95.7	96.4	96.6	96.8	96.8	96.8	97.4		
GE 1600		63.3	74.4	80.9	89.5	90.7	93.6	95.0	95.3	96.4	97.2	97.3	97.5	97.6	97.6	98.3		
GE 1400		63.3	74.4	80.9	89.5	90.7	93.6	95.0	95.3	96.4	97.2	97.3	97.5	97.6	97.6	98.3		
GE 1200		63.3	74.4	80.9	89.5	90.7	93.6	95.4	95.6	97.2	98.0	98.1	98.3	98.4	98.4	99.0		
GE 1000		63.3	74.4	80.9	89.5	90.7	93.6	95.4	95.6	97.2	98.0	98.1	98.3	98.4	98.4	99.0		
GE 800		63.3	74.4	80.9	89.5	90.7	93.6	95.4	95.6	97.2	98.1	98.2	98.4	98.5	98.5	99.1		
GE 700		63.3	74.4	80.9	89.5	90.7	93.8	95.5	95.7	97.3	98.2	98.3	98.5	98.6	98.6	99.2		
GE 600		63.3	74.4	80.9	89.5	90.7	93.8	95.5	95.7	97.3	98.2	98.3	98.5	98.6	98.6	99.2		
GE 500		63.3	74.4	80.9	89.5	90.7	93.8	95.5	95.7	97.4	98.3	98.4	98.6	98.7	98.7	99.4		
GE 400		63.3	74.4	80.9	89.5	90.7	93.9	95.6	95.8	97.5	98.4	98.5	98.7	98.8	98.8	99.5		
GE 300		63.3	74.4	80.9	89.5	90.7	93.9	95.6	95.8	97.5	98.4	98.5	98.7	98.8	98.8	99.5		
GE 200		63.3	74.4	80.9	89.5	90.7	93.9	95.6	95.8	97.5	98.4	98.5	98.7	98.8	98.8	99.7		
GE 100		63.3	74.4	80.9	89.5	90.7	93.9	95.6	95.8	97.5	98.4	98.5	98.7	98.8	98.8	99.9		
GE 0		63.3	74.4	80.9	89.5	90.7	93.9	95.6	95.8	97.5	98.4	98.5	98.7	98.8	98.9	100.0		

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.3	43.6	52.1	56.5	57.6	59.6	61.3	61.8	62.6	63.0	63.2	63.3	63.4	63.6	64.2	
GE 20000	45.7	51.6	55.5	60.3	61.5	63.9	65.7	66.2	67.0	67.5	67.6	67.8	67.9	68.0	68.6	68.6
GE 18000	46.1	52.1	56.3	60.8	62.0	64.5	66.2	66.7	67.6	68.0	68.1	68.3	68.4	68.5	69.2	69.2
GE 16000	46.1	52.1	56.0	60.8	62.0	64.5	66.3	66.8	67.6	68.1	68.2	68.4	68.5	68.6	69.2	69.2
GE 14000	46.2	52.2	56.1	61.0	62.2	64.7	66.5	67.0	67.8	68.3	68.4	68.6	68.7	68.8	69.4	69.4
GE 12000	46.4	52.5	56.4	61.3	62.5	65.0	66.8	67.3	68.2	68.6	68.7	68.9	69.0	69.1	69.8	69.8
GE 10000	47.1	53.4	57.4	62.6	63.8	66.4	68.3	68.9	69.8	70.2	70.3	70.5	70.6	70.7	71.4	71.4
GE 9000	47.2	53.5	57.5	62.7	63.9	66.5	68.5	69.0	69.9	70.3	70.4	70.6	70.7	70.8	71.5	71.5
GE 8000	48.2	54.8	59.0	64.5	65.8	68.5	70.5	71.0	71.9	72.4	72.5	72.7	72.8	72.9	73.6	73.6
GE 7000	48.5	55.2	59.4	65.0	66.4	69.0	71.1	71.7	72.6	73.0	73.2	73.4	73.5	73.6	74.2	74.2
GE 6000	48.6	55.3	59.6	65.2	66.5	69.2	71.3	71.8	72.8	73.2	73.4	73.6	73.7	73.8	74.4	74.4
GE 5000	49.3	55.1	60.5	66.2	67.6	70.4	72.6	73.2	74.1	74.6	74.7	74.9	75.0	75.1	75.7	75.7
GE 4500	49.6	56.6	61.0	66.7	68.2	71.0	73.2	73.8	74.8	75.2	75.4	75.6	75.7	75.8	76.4	76.4
GE 4000	52.9	63.6	65.3	71.9	73.4	76.5	79.3	80.0	81.2	81.8	82.0	82.2	82.3	82.4	83.1	83.1
GE 3500	54.5	62.5	67.4	74.1	75.8	78.9	81.8	82.5	83.8	84.4	84.6	84.8	85.0	85.1	85.7	85.7
GE 3000	57.7	65.6	72.0	79.6	81.6	85.0	88.4	89.3	90.7	91.5	91.8	92.1	92.2	92.4	93.1	93.1
GE 2500	58.1	67.1	72.6	80.6	82.5	86.0	89.5	90.3	91.8	92.6	92.9	93.2	93.4	93.5	94.2	94.2
GE 2000	58.5	67.6	73.2	81.4	83.3	87.0	90.6	91.4	93.0	93.9	94.3	94.6	94.8	94.9	95.6	95.6
GE 1800	58.5	67.6	73.2	81.5	83.4	87.1	90.7	91.5	93.1	94.0	94.4	94.7	94.9	95.0	95.7	95.7
GE 1500	58.7	68.0	73.6	82.0	83.9	87.8	91.5	92.3	94.0	94.9	95.4	95.7	96.0	96.1	96.8	96.8
GE 1200	58.7	68.0	73.7	82.1	84.0	87.9	91.7	92.5	94.3	95.2	95.7	96.0	96.2	96.3	97.0	97.0
GE 1000	58.8	69.1	73.9	82.3	84.2	88.1	92.0	92.9	94.8	95.7	96.3	96.7	96.9	97.0	97.7	97.7
GE 900	58.8	69.1	73.9	82.3	84.2	88.2	92.1	93.0	94.9	95.8	96.4	96.8	97.0	97.1	97.8	97.8
GE 800	58.8	69.1	73.9	82.3	84.3	88.2	92.1	93.0	95.0	95.9	96.5	96.9	97.1	97.3	98.0	98.0
GE 700	58.8	69.1	73.9	82.4	84.3	88.3	92.2	93.1	95.0	96.0	96.6	97.0	97.2	97.4	98.1	98.1
GE 600	58.8	69.1	73.9	82.4	84.4	88.3	92.2	93.1	95.1	96.1	96.7	97.1	97.4	97.5	98.2	98.2
GE 500	58.8	69.1	73.9	82.4	84.4	88.3	92.2	93.2	95.2	96.2	96.8	97.3	97.6	97.7	98.5	98.5
GE 400	58.8	69.1	73.9	82.4	84.4	88.4	92.4	93.3	95.4	96.4	97.0	97.5	97.8	97.9	98.6	98.6
GE 300	58.8	69.1	73.9	82.4	84.4	88.4	92.4	93.3	95.4	96.4	97.0	97.5	97.9	98.0	98.8	98.8
GE 200	58.8	69.1	73.9	82.4	84.4	88.4	92.4	93.3	95.4	96.4	97.0	97.6	97.9	98.1	99.1	99.1
GE 100	58.8	69.1	73.9	82.4	84.4	88.4	92.4	93.4	95.5	96.6	97.2	97.7	98.0	98.3	99.8	99.8
GE 0	58.8	69.1	73.9	82.4	84.4	88.4	92.4	93.4	95.5	96.6	97.2	97.7	98.0	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	50.0	53.5	56.9	58.3	59.0	60.8	61.8	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.8	63.5	
GE 20000	53.8	57.9	62.1	64.4	65.1	67.1	68.8	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.9	70.6	
GE 18000	54.0	58.2	62.3	64.7	65.4	67.4	69.0	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.8	
GE 16000	54.0	58.2	62.3	64.7	65.4	67.4	69.0	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.8	
GE 14000	54.0	58.2	62.3	64.8	65.5	67.5	69.1	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.9		
GE 12000	54.3	59.4	62.5	65.2	66.0	68.0	69.6	70.4	70.4	70.6	70.6	70.6	70.6	70.7	71.4		
GE 10000	55.8	59.9	64.1	66.9	67.6	69.6	71.3	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.3	73.0	
GE 9000	55.8	59.9	64.1	66.9	67.6	69.6	71.3	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.3	73.0	
GE 8000	58.0	62.8	67.5	70.6	71.3	73.3	74.9	75.9	75.9	76.0	76.0	76.0	76.0	76.1	76.8		
GE 7000	59.2	63.9	68.9	72.0	72.7	74.7	76.4	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	78.3	
GE 6000	59.2	63.9	68.9	72.0	72.7	74.7	76.4	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	78.3	
GE 5000	59.5	64.2	69.1	72.2	72.9	74.9	76.6	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.8	78.5	
GE 4500	59.7	64.5	69.5	72.6	73.3	75.3	77.0	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.8	
GE 4000	62.3	67.6	73.0	76.2	77.0	79.1	80.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	82.6	
GE 3500	63.7	69.0	74.5	77.7	78.4	80.6	82.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.6	84.3	
GE 3000	68.4	74.3	83.0	84.2	84.9	87.2	89.0	90.2	90.2	90.7	90.7	90.7	90.7	90.7	90.8	91.5	
GE 2500	69.3	75.5	81.3	85.5	86.4	89.8	90.7	91.8	92.2	92.4	92.4	92.4	92.4	92.4	92.6	93.3	
GE 2000	69.9	75.1	82.0	86.3	87.9	90.4	92.4	93.6	94.1	94.3	94.3	94.3	94.3	94.3	94.4	95.2	
GE 1800	70.0	76.2	82.2	86.4	88.1	90.5	92.6	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.6	95.3	
GE 1500	70.3	76.7	82.7	87.0	89.0	91.5	93.5	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.6	96.3	
GE 1200	70.4	75.8	82.9	87.1	89.1	91.7	93.7	95.3	95.7	96.0	96.0	96.2	96.2	96.2	96.3	97.0	
GE 1000	70.6	77.0	83.0	87.2	89.2	92.1	94.2	95.7	96.2	96.5	96.5	96.7	96.7	96.7	96.8	97.5	
GE 900	70.6	77.0	83.0	87.2	89.2	92.1	94.2	95.9	96.3	96.6	96.6	96.8	96.8	96.8	96.9	97.6	
GE 800	70.7	77.1	83.1	87.4	89.4	92.2	94.3	96.0	96.5	96.7	96.7	96.9	96.9	96.9	97.0	97.8	
GE 700	70.7	77.1	83.1	87.4	89.4	92.2	94.3	96.0	96.5	96.7	96.7	96.9	96.9	96.9	97.0	97.8	
GE 600	70.7	77.1	83.1	87.4	89.4	92.2	94.3	96.0	96.6	96.9	96.8	97.0	97.0	97.2	97.9		
GE 500	70.7	77.1	83.1	87.4	89.4	92.2	94.3	96.0	96.7	97.2	97.2	97.4	97.4	97.4	97.6	98.3	
GE 400	70.7	77.1	83.1	87.4	89.4	92.2	94.3	96.0	96.7	97.3	97.3	97.5	97.5	97.5	97.8	98.5	
GE 300	70.7	77.1	83.1	87.4	89.4	92.2	94.3	96.0	96.7	97.3	97.3	97.5	97.5	97.5	97.8	98.6	
GE 200	70.7	77.1	83.1	87.4	89.4	92.2	94.3	96.0	96.7	97.3	97.3	97.6	97.6	97.6	97.9	99.3	
GE 100	70.7	77.1	83.1	87.4	89.4	92.2	94.3	96.0	96.7	97.3	97.3	97.6	97.6	97.6	97.9	99.8	
GE 0	70.7	77.1	83.1	87.4	89.4	92.2	94.3	96.0	96.7	97.3	97.4	97.6	97.6	97.6	97.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.7	49.3	53.1	56.0	57.0	57.8	58.4	59.0	59.9	60.2	60.3	60.3	60.3	60.4	61.5	
GE 20000	49.2	54.1	58.7	62.4	63.6	64.7	65.7	66.4	67.4	67.6	67.7	67.7	67.7	67.8	68.9	
GE 18000	49.3	54.3	58.9	62.5	63.7	64.8	65.8	66.5	67.5	67.7	67.8	67.8	67.8	68.0	69.0	
GE 16000	49.3	54.3	58.9	62.5	63.7	64.8	65.8	66.5	67.5	67.7	67.8	67.8	67.8	68.0	69.0	
GE 14000	49.3	54.3	58.9	62.5	63.7	64.8	65.8	66.5	67.5	67.7	67.8	67.8	67.8	68.0	69.0	
GE 12000	49.3	54.4	59.0	62.9	64.1	65.1	66.3	67.0	68.0	68.2	68.3	68.3	68.3	68.4	69.5	
GE 10000	50.6	56.0	60.8	64.9	66.1	67.1	68.3	69.0	70.0	70.2	70.3	70.3	70.3	70.4	71.5	
GE 9000	50.6	56.0	60.8	64.9	66.1	67.1	68.3	69.0	70.0	70.2	70.3	70.3	70.3	70.4	71.5	
GE 8000	51.9	57.9	62.6	67.1	68.3	69.4	70.6	71.3	72.5	72.7	72.8	72.8	72.8	72.9	74.0	
GE 7000	52.8	58.9	63.6	68.1	69.3	70.3	71.6	72.3	73.5	73.8	73.9	73.9	73.9	74.0	75.1	
GE 6000	52.8	58.9	63.6	68.2	69.4	70.4	71.7	72.5	73.6	73.9	74.0	74.0	74.0	74.1	75.2	
GE 5000	53.0	59.0	63.7	68.4	69.6	70.7	72.0	72.7	73.9	74.1	74.2	74.2	74.2	74.3	75.4	
GE 4500	53.2	59.5	64.2	68.9	70.1	71.2	72.5	73.2	74.3	74.6	74.7	74.7	74.7	74.8	75.9	
GE 4000	56.5	63.2	68.3	73.6	75.1	76.2	77.5	78.3	79.4	79.7	79.6	79.8	79.8	79.9	81.0	
GE 3500	58.2	64.9	70.3	75.7	77.1	78.5	79.8	80.5	81.7	81.9	82.0	82.0	82.0	82.2	83.2	
GE 3000	61.2	68.3	74.1	79.8	81.2	82.7	84.8	85.6	86.9	87.2	87.4	87.4	87.4	87.5	88.5	
GE 2500	62.6	70.1	76.1	81.8	83.5	85.1	87.1	87.9	89.2	89.6	89.7	89.7	89.7	89.8	90.9	
GE 2000	63.7	71.2	77.2	82.9	84.5	86.4	88.4	89.6	91.0	91.5	91.6	91.6	91.6	91.7	92.8	
GE 1800	63.7	71.2	77.2	82.9	84.5	86.4	88.4	89.6	91.1	91.6	91.7	91.7	91.7	91.8	92.9	
GE 1500	64.1	71.6	77.7	83.5	85.3	87.6	89.6	90.8	92.3	92.8	92.9	92.9	92.9	93.0	94.1	
GE 1200	64.2	71.9	77.9	83.9	85.8	88.2	90.4	91.6	93.1	93.6	93.7	94.0	94.0	94.1	95.2	
GE 1000	64.2	71.9	77.9	84.0	85.9	88.4	90.7	91.8	93.5	94.0	94.1	94.4	94.4	94.6	95.6	
GE 900	64.2	71.9	77.9	84.0	85.9	88.4	90.7	92.0	93.6	94.1	94.2	94.6	94.6	94.7	95.7	
GE 800	64.3	72.0	78.0	84.4	86.4	89.0	91.3	92.6	94.2	94.7	94.8	95.3	95.3	95.4	96.5	
GE 700	64.3	72.0	78.0	84.4	86.4	89.0	91.3	92.6	94.2	94.7	94.8	95.3	95.3	95.4	96.5	
GE 600	64.3	72.0	78.0	84.4	86.4	89.0	91.3	92.6	94.8	95.4	95.5	96.0	96.0	96.1	97.2	
GE 500	64.3	72.0	78.0	84.4	86.4	89.2	91.5	92.8	95.2	95.7	95.9	96.3	96.3	96.6	97.6	
GE 400	64.3	72.0	78.1	84.5	86.5	89.4	91.6	92.9	95.3	96.0	96.1	96.6	96.6	96.8	97.9	
GE 300	64.3	72.0	78.1	84.5	86.5	89.4	91.6	92.9	95.3	96.0	96.1	96.6	96.6	96.8	97.9	
GE 200	64.3	72.0	78.1	84.5	86.5	89.4	91.6	93.0	95.4	96.1	96.5	96.9	97.0	97.2	99.3	
GE 100	64.3	72.0	78.1	84.5	86.5	89.4	91.6	93.0	95.4	96.1	96.5	96.9	97.0	97.2	99.6	
GE 0	64.3	72.0	78.1	84.5	86.5	89.4	91.6	93.0	95.4	96.1	96.5	96.9	97.0	97.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471223 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 78-87
 MONTH: FEB HOURS(UT): 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	31.0	39.7	44.9	51.8	54.6	56.3	57.7	58.5	59.6	60.1	60.3	60.3	60.3	60.4	61.4	
GE 2000	33.1	41.6	48.2	56.2	59.5	61.4	63.3	64.2	65.5	66.0	66.2	66.4	66.4	66.6	67.5	
GE 1800	33.3	41.8	48.6	56.5	59.8	61.7	63.6	64.6	65.9	66.4	66.6	66.7	66.7	66.9	67.9	
GE 1600	33.3	41.8	48.6	56.5	59.8	61.7	63.6	64.6	65.9	66.4	66.6	66.7	66.7	66.9	67.9	
GE 1400	33.3	41.9	48.7	56.6	60.0	61.8	63.7	64.7	66.0	66.5	66.7	66.8	66.8	67.1	68.0	
GE 1200	33.5	42.2	49.1	57.0	60.3	62.2	64.2	65.2	66.5	66.9	67.2	67.3	67.3	67.5	68.5	
GE 1000	34.8	43.5	50.5	58.4	61.7	63.6	65.6	66.6	68.0	69.5	68.7	68.8	68.8	69.1	70.0	
GE 900	34.8	43.6	50.6	58.5	61.8	63.7	65.8	66.7	68.1	68.6	68.8	69.0	69.0	69.2	70.1	
GE 800	36.1	45.1	52.3	60.3	63.6	65.6	67.7	68.6	70.0	70.5	70.9	71.1	71.1	71.3	72.3	
GE 700	37.3	46.8	53.9	62.1	65.4	67.4	69.4	70.5	71.9	72.4	72.7	73.0	73.0	73.2	74.2	
GE 600	37.4	46.9	54.0	62.2	65.5	67.5	69.5	70.6	72.0	72.5	72.9	73.1	73.1	73.3	74.3	
GE 500	37.8	47.5	54.9	63.2	66.5	68.6	70.6	71.8	73.2	73.7	74.1	74.3	74.3	74.5	75.5	
GE 450	37.9	47.6	55.1	63.4	66.8	69.0	71.0	72.2	73.8	74.3	74.6	74.9	74.9	75.1	76.1	
GE 400	40.5	50.9	58.6	67.5	71.3	73.8	76.1	77.4	79.3	79.9	80.2	80.6	80.6	80.8	81.8	
GE 350	41.4	51.9	59.7	69.4	73.3	75.8	78.1	79.6	81.5	82.1	82.5	82.8	82.8	83.1	84.0	
GE 300	43.7	54.9	63.2	73.7	78.0	80.7	83.3	85.2	87.2	87.9	88.3	88.7	88.9	89.1	90.0	
GE 2500	43.8	55.0	63.5	74.5	78.9	81.6	84.2	86.1	88.3	89.0	89.3	89.8	89.9	90.2	91.1	
GE 2000	44.3	55.5	64.0	75.0	79.4	82.2	84.8	86.7	88.9	89.7	90.0	90.6	90.8	91.1	92.1	
GE 1800	44.3	55.5	64.0	75.0	79.4	82.2	84.8	86.7	88.9	89.7	90.0	90.6	90.8	91.1	92.1	
GE 1600	44.5	55.7	64.2	75.5	79.9	82.8	85.5	87.4	89.7	90.5	90.9	91.5	91.6	91.9	92.9	
GE 1400	44.5	55.8	64.5	76.1	80.5	83.5	86.6	89.5	90.9	91.9	92.4	93.0	93.1	93.7	94.7	
GE 1000	44.7	56.0	64.7	76.3	80.7	83.8	86.8	89.9	91.4	92.4	92.9	93.6	93.7	94.3	95.3	
GE 900	44.8	56.2	64.9	76.5	80.9	84.0	87.1	89.1	91.6	92.7	93.1	93.8	94.0	94.5	95.5	
GE 800	44.8	56.2	64.9	76.7	81.0	84.1	87.2	89.2	91.8	92.9	93.4	94.1	94.2	94.8	95.7	
GE 700	44.8	56.2	64.9	76.7	81.0	84.1	87.2	89.2	91.8	92.9	93.4	94.1	94.2	94.8	95.7	
GE 600	44.8	56.2	64.9	76.7	81.0	84.2	87.3	89.3	91.9	93.0	93.5	94.2	94.3	94.9	95.9	
GE 500	44.8	56.2	64.9	76.7	81.0	84.2	87.6	89.6	92.2	93.4	93.8	94.7	94.8	95.4	96.4	
GE 400	44.8	56.2	65.0	76.8	81.2	84.4	87.7	89.7	92.3	93.5	94.0	94.9	95.0	95.6	96.7	
GE 300	44.8	56.2	65.0	76.9	81.3	84.5	87.8	89.8	92.7	93.8	94.4	95.5	95.6	96.3	97.7	
GE 200	44.8	56.2	65.0	76.9	81.3	84.5	87.8	89.8	92.7	93.8	94.4	95.5	95.6	96.3	98.8	
GE 100	44.8	56.2	65.0	76.9	81.3	84.5	87.8	89.8	92.7	93.8	94.4	95.6	95.7	96.4	99.4	
GE 0	44.8	56.2	65.0	76.9	81.3	84.5	87.8	89.8	92.7	93.8	94.4	95.6	95.7	96.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 944

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB 40REA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.9	33.5	40.0	46.4	49.3	53.6	55.9	56.6	57.5	57.8	58.0	58.1	58.2	58.2	58.7	
GE 20000	26.9	35.6	44.0	51.4	54.3	59.7	61.2	62.5	63.6	63.8	64.0	64.3	64.4	64.4	64.9	64.9
GE 18000	27.1	35.8	44.3	51.7	54.7	59.2	61.7	63.0	64.0	64.3	64.5	64.7	64.9	64.9	65.3	65.3
GE 16000	27.1	36.8	44.3	51.7	54.7	59.2	61.7	63.0	64.0	64.3	64.5	64.7	64.9	64.9	65.3	65.3
GE 14000	27.1	36.8	44.3	51.7	54.7	59.2	61.7	63.0	64.0	64.3	64.5	64.7	64.9	65.3	65.3	65.4
GE 12000	27.6	37.5	45.2	52.9	56.0	60.6	63.1	64.5	65.7	66.0	66.3	66.5	66.6	66.6	66.6	67.1
GE 10000	28.2	38.3	46.2	54.0	57.0	61.9	64.7	66.2	67.5	67.9	68.2	68.4	68.5	68.5	68.5	69.0
GE 9000	28.2	38.5	46.3	54.1	57.2	62.0	64.9	66.3	67.6	68.0	68.3	68.5	68.6	68.6	69.1	69.1
GE 8000	29.7	40.2	48.0	56.0	59.2	64.1	67.0	68.4	69.8	70.4	70.7	70.9	71.0	71.0	71.5	71.5
GE 7000	31.4	42.5	50.4	58.5	61.7	66.6	69.6	71.0	72.4	73.0	73.3	73.5	73.6	73.6	74.1	74.1
GE 6000	31.6	42.7	50.8	58.8	62.0	67.0	69.9	71.4	72.8	73.4	73.6	73.8	74.0	74.0	74.4	74.4
GE 5000	32.2	43.6	51.8	60.4	63.6	69.0	72.2	73.7	75.1	75.7	76.0	76.3	76.4	76.4	76.9	76.9
GE 4500	32.4	43.8	52.1	60.6	63.8	69.3	72.5	74.1	75.5	76.1	76.3	76.7	76.8	76.8	77.3	77.3
GE 4000	33.7	45.7	54.3	63.6	65.9	72.8	76.4	78.0	79.8	80.5	80.9	81.3	81.4	81.4	81.9	81.9
GE 3500	34.1	46.3	55.6	65.6	69.1	75.4	79.1	80.6	82.4	83.1	83.6	83.9	84.0	84.0	84.5	84.5
GE 3000	35.7	48.2	58.2	68.9	73.1	80.1	84.4	85.9	87.8	88.5	89.0	89.7	89.8	89.8	90.3	90.3
GE 2500	36.4	49.0	59.2	69.9	74.2	81.2	85.6	87.2	89.2	90.1	90.5	91.2	91.4	91.4	91.8	91.8
GE 2000	36.9	49.6	59.9	70.8	75.0	82.0	86.5	88.2	90.3	91.2	91.8	92.5	92.7	92.7	93.1	93.1
GE 1800	36.9	49.6	59.8	70.9	75.0	82.0	86.6	88.3	90.4	91.4	92.0	92.7	92.8	92.8	93.3	93.3
GE 1500	37.2	49.9	60.1	71.1	75.4	82.5	87.2	89.0	91.2	92.3	92.9	93.6	93.7	93.7	94.2	94.2
GE 1200	37.2	50.1	60.6	71.6	75.9	83.2	88.4	90.2	92.4	93.5	94.1	94.8	94.9	94.9	95.4	95.4
GE 1000	37.3	50.2	60.7	71.8	76.1	83.4	88.6	90.4	92.9	94.0	94.6	95.3	95.4	95.4	95.9	95.9
GE 900	37.3	50.2	60.7	71.8	76.1	83.4	88.6	90.4	92.9	94.0	94.6	95.3	95.4	95.4	95.9	95.9
GE 800	37.3	50.2	60.7	71.8	76.1	83.4	88.6	90.4	92.9	94.1	94.7	95.4	95.5	95.5	96.0	96.0
GE 700	37.4	50.4	60.9	72.1	76.3	83.7	88.9	90.8	93.4	94.6	95.1	95.9	96.0	96.0	96.4	96.4
GE 600	37.4	50.4	60.9	72.2	76.4	83.8	89.1	91.0	93.6	94.8	95.4	96.1	96.2	96.2	96.7	96.7
GE 500	37.4	50.4	60.9	72.2	76.4	83.8	89.2	91.1	93.7	94.9	95.5	96.2	96.3	96.3	97.2	97.2
GE 400	37.4	50.4	60.9	72.2	76.4	83.8	89.2	91.1	94.0	95.1	95.7	96.4	96.6	96.6	97.5	97.5
GE 300	37.4	50.4	60.9	72.2	76.4	83.8	89.2	91.1	94.0	95.1	95.7	96.4	96.6	96.6	97.5	97.5
GE 200	37.4	50.4	60.9	72.2	76.4	83.8	89.2	91.1	94.0	95.1	95.7	96.4	96.6	96.6	97.5	97.5
GE 100	37.4	50.4	60.9	72.2	76.4	83.8	89.2	91.1	94.0	95.1	95.7	96.4	96.6	96.6	97.5	97.5
GE 0	37.4	50.4	60.9	72.2	76.4	83.8	89.2	91.1	94.0	95.1	95.7	96.4	96.6	96.6	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 845

GLOBAI CLIMATOLOGY BRANCH
 U.S. AIR FORCE
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 971220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	54.6	57.8	59.3	60.7	60.9	61.2	61.2	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	
GE 20000	61.2	65.0	66.7	68.5	69.0	69.3	69.5	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	
GE 18000	61.9	65.8	67.7	69.7	70.1	70.4	70.5	70.5	70.7	70.9	70.9	70.9	70.9	70.9	70.9	
GE 16000	62.0	65.9	67.8	69.8	70.2	70.5	70.7	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	
GE 14000	62.2	66.3	68.2	70.2	70.5	71.0	71.1	71.1	71.2	71.5	71.5	71.5	71.5	71.5	71.5	
GE 12000	62.7	66.7	68.8	70.8	71.1	71.7	71.8	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	
GE 10000	64.1	68.2	70.2	72.2	72.5	73.1	73.3	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	
GE 9200	64.4	68.6	70.7	72.7	73.0	73.6	73.7	73.7	73.8	74.1	74.1	74.1	74.1	74.1	74.1	
GE 8000	65.8	70.5	73.3	75.0	75.4	76.0	76.2	76.2	76.3	76.6	76.6	76.6	76.6	76.6	76.6	
GE 7000	67.0	72.1	74.6	76.6	76.9	77.5	77.8	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	
GE 6000	67.2	72.4	75.0	77.2	77.5	78.1	78.5	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	
GE 5000	68.3	73.5	76.1	78.3	78.8	79.4	79.8	79.8	79.9	80.1	80.1	80.2	80.2	80.2	80.2	
GE 4500	68.8	74.0	76.6	78.8	79.3	79.9	80.2	80.2	80.4	80.6	80.6	80.7	80.7	80.7	80.7	
GE 4000	72.2	77.9	80.9	83.8	84.5	85.2	85.6	85.6	85.8	86.0	86.0	86.2	86.2	86.2	86.2	
GE 3500	72.7	78.5	81.9	84.7	85.4	86.3	86.6	86.6	86.9	87.1	87.1	87.2	87.2	87.2	87.2	
GE 3000	76.7	83.2	87.0	90.7	91.6	93.1	93.7	93.7	94.0	94.4	94.4	94.7	94.7	94.7	94.7	
GE 2500	77.0	83.6	87.3	91.1	92.1	93.6	94.2	94.2	94.4	94.9	94.9	95.3	95.3	95.3	95.3	
GE 2000	78.2	84.7	88.6	92.5	93.5	95.0	95.7	95.7	96.1	96.6	96.6	96.9	96.9	96.9	96.9	
GE 1800	78.3	84.9	88.9	92.8	93.7	95.1	96.0	96.0	96.3	96.8	96.8	97.2	97.2	97.2	97.2	
GE 1500	78.5	85.0	89.0	92.9	94.0	95.5	96.2	96.2	96.6	97.2	97.2	97.5	97.5	97.5	97.5	
GE 1200	78.7	85.3	89.3	93.3	94.4	96.1	96.8	96.8	97.2	97.8	97.8	98.1	98.1	98.1	98.1	
GE 1000	79.1	85.7	89.7	93.6	94.8	96.4	97.2	97.2	97.5	98.1	98.1	98.5	98.5	98.5	98.5	
GE 900	79.1	85.7	89.7	93.6	94.8	96.4	97.2	97.2	97.5	98.1	98.1	98.5	98.5	98.5	98.5	
GE 800	79.1	85.7	89.7	93.6	94.8	96.6	97.3	97.3	97.6	98.2	98.3	98.8	98.8	98.8	98.9	
GE 700	79.1	85.7	89.7	93.6	94.8	96.6	97.3	97.3	97.8	98.3	98.5	99.1	99.1	99.1	99.2	
GE 600	79.1	85.7	89.7	93.6	94.8	96.6	97.3	97.3	97.8	98.3	98.5	99.1	99.1	99.1	99.2	
GE 500	79.1	85.7	89.7	93.6	94.8	96.6	97.3	97.3	97.8	98.3	98.5	99.1	99.2	99.3	99.4	
GE 400	79.1	85.7	89.7	93.6	94.8	96.6	97.3	97.3	97.9	98.5	98.6	99.2	99.4	99.5	99.6	
GE 300	79.1	85.7	89.7	93.6	94.8	96.6	97.3	97.3	97.9	98.5	98.6	99.2	99.4	99.5	99.6	
GE 200	79.1	85.7	89.7	93.6	94.8	96.6	97.3	97.3	97.9	98.5	98.6	99.2	99.4	99.5	99.6	
GE 100	79.1	85.7	89.7	93.6	94.8	96.6	97.3	97.3	97.9	98.5	98.6	99.2	99.4	99.5	100.0	
GE 0	79.1	85.7	89.7	93.6	94.8	96.6	97.3	97.3	97.9	98.5	98.6	99.2	99.4	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 845

GLOBAL CLIMATOLOGY BRANCH
 USAFETYAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	61.5	62.8	63.6	63.8	63.8	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 20000	67.1	67.0	70.1	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	68.8	70.7	71.7	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 16000	69.0	70.9	72.0	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 14000	69.4	71.3	72.3	72.9	72.9	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 12000	70.0	71.9	72.9	73.5	73.5	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 10000	72.2	74.5	75.5	76.1	76.1	76.2	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	72.3	74.7	75.8	76.4	76.4	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 8000	74.7	77.2	78.3	78.8	78.8	79.0	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000	75.4	78.1	79.3	80.0	80.0	80.1	80.1	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 6000	76.2	79.1	80.3	81.0	81.0	81.1	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 5000	77.2	80.0	81.2	82.0	82.0	82.3	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500	77.4	80.3	81.4	82.3	82.3	82.5	82.5	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4000	80.9	83.8	85.0	85.9	85.9	86.2	86.2	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	81.2	84.4	86.2	87.1	87.1	87.4	87.4	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	86.5	89.8	91.8	92.8	92.8	93.7	93.7	94.0	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2500	87.2	90.5	92.6	93.5	93.5	94.4	94.4	94.7	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	87.7	91.0	93.3	94.3	94.3	95.4	95.5	95.7	96.6	96.8	96.9	96.9	96.9	96.9	97.0	97.0
GE 1800	87.7	91.0	93.3	94.4	94.4	95.5	95.6	95.9	96.7	96.9	97.0	97.0	97.0	97.0	97.2	97.2
GE 1500	87.7	91.1	93.4	94.6	94.6	95.7	96.0	96.2	97.2	97.4	97.5	97.5	97.5	97.5	97.6	97.6
GE 1000	87.8	91.3	93.5	94.7	94.7	95.9	96.1	96.3	97.4	97.6	97.8	97.8	97.8	97.8	97.9	97.9
GE 1000	88.4	92.0	94.3	95.5	95.5	96.8	97.2	97.4	98.6	98.9	99.1	99.1	99.1	99.1	99.2	99.2
GE 900	88.4	92.0	94.3	95.5	95.5	96.8	97.2	97.4	98.6	98.9	99.1	99.1	99.1	99.1	99.2	99.2
GE 800	88.4	92.0	94.3	95.5	95.5	96.8	97.2	97.4	98.6	98.9	99.4	99.4	99.4	99.4	99.5	99.5
GE 700	88.4	92.0	94.3	95.5	95.5	96.8	97.2	97.4	98.6	99.3	99.8	99.8	99.8	99.8	99.9	99.9
GE 600	88.4	92.0	94.3	95.5	95.5	96.8	97.2	97.4	98.6	99.3	99.8	99.8	99.8	99.8	99.9	99.9
GE 500	88.4	92.0	94.3	95.5	95.5	96.8	97.2	97.4	98.6	99.3	99.8	99.8	99.8	99.8	99.9	99.9
GE 400	88.4	92.0	94.3	95.5	95.5	96.8	97.2	97.4	98.6	99.3	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	88.4	92.0	94.3	95.5	95.5	96.8	97.2	97.4	98.6	99.3	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	88.4	92.0	94.3	95.5	95.5	96.8	97.2	97.4	98.6	99.3	99.8	99.8	99.8	99.8	99.9	100.0
GE 100	88.4	92.0	94.3	95.5	95.5	96.8	97.2	97.4	98.6	99.3	99.8	99.8	99.8	99.8	99.9	100.0
GE 0	88.4	92.0	94.3	95.5	95.5	96.8	97.2	97.4	98.6	99.3	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	59.3	62.7	64.3	66.3	66.3	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 20000	63.1	65.6	68.9	72.3	72.4	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	64.1	67.7	69.9	73.4	73.5	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	64.3	67.8	70.1	73.5	73.6	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000	64.6	68.2	70.4	73.9	74.0	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 12000	64.9	69.4	70.7	74.1	74.2	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	66.9	73.5	72.9	76.4	76.6	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	67.3	71.0	73.4	76.9	77.0	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 8000	69.9	73.7	76.2	79.9	80.0	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 7000	71.0	74.9	77.8	81.5	81.7	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6000	71.1	75.0	77.9	81.7	81.8	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 5000	71.5	75.4	78.2	82.0	82.1	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	72.0	75.9	78.7	82.5	82.6	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4000	74.1	79.3	81.3	85.4	85.6	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	75.1	79.5	82.8	87.1	87.2	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	78.3	83.6	87.1	92.1	92.2	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	79.1	84.4	87.9	93.3	93.4	94.6	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	79.2	84.5	88.0	93.5	93.6	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	79.2	84.5	88.0	93.5	93.6	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500	79.5	84.9	88.6	94.2	94.3	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	79.5	84.9	88.6	94.3	94.4	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	79.6	85.0	88.8	94.6	94.7	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	79.6	85.0	88.8	94.6	94.7	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	79.6	85.0	88.8	94.6	94.7	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	79.6	85.0	88.8	94.6	94.7	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 600	79.6	85.0	88.8	94.6	94.7	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	79.6	85.0	88.8	94.6	94.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	79.6	85.0	88.8	94.6	94.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 300	79.6	85.0	88.8	94.6	94.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 200	79.6	85.0	88.8	94.6	94.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 100	79.6	85.0	88.8	94.6	94.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS: 845

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 78-87
 MONTH: FEB HOURS(UT): 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		53.5	59.0	59.3	60.5	60.8	61.9	62.4	62.8	62.8	63.0	63.1	63.1	63.1	63.2	63.6
GE 20000		57.0	61.8	63.8	66.0	66.4	67.7	68.4	68.8	68.8	69.0	69.1	69.1	69.1	69.3	69.6
GE 18000		57.7	62.5	64.5	66.7	67.1	68.4	69.1	69.5	69.5	69.7	69.9	69.9	69.9	70.0	70.3
GE 16000		57.8	62.6	64.7	66.9	67.3	68.6	69.3	69.6	69.6	69.9	70.0	70.0	70.0	70.1	70.4
GE 14000		57.8	62.6	64.9	67.0	67.5	68.8	69.5	69.9	69.9	70.1	70.2	70.2	70.2	70.3	70.7
GE 12000		58.3	63.2	65.7	67.8	68.3	69.6	70.3	70.7	70.7	70.9	71.0	71.0	71.0	71.2	71.5
GE 10500		59.5	64.8	67.3	69.4	69.9	71.2	71.9	72.2	72.2	72.5	72.6	72.6	72.6	72.7	73.2
GE 9000		59.7	65.0	67.6	69.7	70.2	71.5	72.2	72.6	72.6	72.8	72.9	72.9	72.9	73.0	73.5
GE 8000		61.6	67.6	70.4	72.9	73.4	74.7	75.4	75.8	75.8	76.0	76.1	76.1	76.1	76.2	76.7
GE 7000		63.4	69.4	72.2	74.7	75.2	76.5	77.2	77.5	77.5	77.8	77.9	77.9	77.9	78.0	78.5
GE 6000		63.4	69.4	72.2	74.7	75.2	76.5	77.2	77.5	77.5	77.8	77.9	77.9	77.9	78.0	78.5
GE 5000		64.3	70.3	73.2	75.7	76.1	77.4	78.1	78.5	78.5	78.7	78.8	78.8	78.8	79.0	79.4
GE 4500		64.8	70.8	73.6	76.1	76.6	77.9	78.6	79.0	79.0	79.2	79.3	79.3	79.3	79.4	79.9
GE 4000		67.8	74.2	77.4	80.7	80.5	82.0	82.7	83.1	83.2	83.5	83.6	83.6	83.6	83.7	84.2
GE 3500		69.4	75.8	79.2	82.0	82.5	84.0	84.8	85.1	85.2	85.5	85.6	85.6	85.6	85.7	86.2
GE 3000		73.9	80.6	85.0	89.4	88.9	90.5	91.5	92.0	92.3	92.6	92.7	92.7	92.7	92.8	93.3
GE 2500		74.5	81.4	85.8	89.4	90.0	91.7	92.7	93.3	93.6	93.9	94.0	94.0	94.0	94.1	94.6
GE 2000		74.9	82.2	86.6	90.3	91.1	92.9	93.9	94.6	94.9	95.2	95.3	95.3	95.3	95.4	95.9
GE 1800		75.2	82.4	86.9	90.5	91.4	93.1	94.2	94.9	95.4	95.6	95.7	95.7	95.7	95.9	96.3
GE 1600		75.3	82.5	87.0	90.9	91.7	93.5	94.7	95.4	96.0	96.2	96.3	96.3	96.3	96.5	96.9
GE 1400		75.3	82.6	87.2	91.1	92.1	93.9	95.0	95.7	96.5	96.7	97.0	97.0	97.0	97.2	97.6
GE 1200		75.4	82.7	87.4	91.5	92.4	94.3	95.6	96.3	97.0	97.3	97.6	97.6	97.6	97.9	98.3
GE 1000		75.4	82.7	87.4	91.5	92.6	94.4	95.7	96.5	97.2	97.4	97.8	97.8	97.8	98.0	98.5
GE 900		75.4	82.7	87.4	91.6	92.7	94.6	95.9	96.6	97.3	97.6	98.0	98.1	98.1	98.3	98.8
GE 800		75.5	82.9	87.6	91.8	92.9	94.8	96.1	96.9	97.6	98.1	98.5	98.6	98.6	98.8	99.3
GE 700		75.5	82.9	87.6	91.8	92.9	94.8	96.1	96.9	97.6	98.1	98.5	98.6	98.6	98.8	99.3
GE 600		75.5	82.9	87.6	91.8	92.9	94.9	96.2	97.0	97.9	98.3	98.7	98.8	98.8	99.1	99.5
GE 500		75.5	82.9	87.6	91.8	92.9	94.9	96.2	97.0	97.9	98.5	98.8	98.9	98.9	99.2	99.8
GE 400		75.5	82.9	87.6	91.8	92.9	94.9	96.2	97.0	97.9	98.5	98.8	98.9	98.9	99.2	99.8
GE 300		75.5	82.9	87.6	91.8	92.9	94.9	96.2	97.0	97.9	98.5	98.8	98.9	98.9	99.2	100.0
GE 200		75.5	82.9	87.6	91.8	92.9	94.9	96.2	97.0	97.9	98.5	98.8	98.9	98.9	99.2	100.0
GE 100		75.5	82.9	87.6	91.8	92.9	94.9	96.2	97.0	97.9	98.5	98.8	98.9	98.9	99.2	100.0
GE 0		75.5	82.9	87.6	91.8	92.9	94.9	96.2	97.0	97.9	98.5	98.8	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.4	52.0	55.2	58.0	59.0	60.3	61.0	61.5	61.9	62.1	62.2	62.2	62.2	62.2	62.3	62.7
GE 20000	51.4	55.6	60.3	64.7	65.1	66.7	67.6	68.2	68.7	68.8	68.9	69.0	69.0	69.0	69.1	69.5
GE 18000	52.0	57.2	61.0	64.7	65.8	67.4	68.4	68.9	69.4	69.6	69.6	69.7	69.7	69.7	69.8	70.2
GE 16000	52.1	57.3	61.1	64.8	65.9	67.4	68.4	69.0	69.4	69.6	69.6	69.7	69.8	69.8	69.9	70.3
GE 14000	52.2	57.5	61.2	65.0	66.1	67.6	68.6	69.2	69.6	69.9	69.9	70.0	70.0	70.0	70.1	70.5
GE 12000	52.6	57.8	61.7	65.5	66.7	68.3	69.3	69.9	70.3	70.5	70.6	70.7	70.7	70.7	70.8	71.2
GE 10000	54.0	59.5	63.4	67.3	68.4	70.1	71.1	71.7	72.2	72.4	72.5	72.6	72.6	72.6	72.6	73.1
GE 9000	54.1	59.7	63.6	67.5	68.7	70.3	71.3	71.9	72.4	72.6	72.7	72.8	72.8	72.8	72.9	73.3
GE 8000	56.0	61.9	65.1	70.1	71.3	72.9	74.0	74.6	75.1	75.4	75.5	75.5	75.5	75.5	75.6	76.1
GE 7000	57.2	63.3	67.6	71.7	72.9	74.5	75.6	76.2	76.8	77.0	77.1	77.2	77.2	77.2	77.3	77.7
GE 6000	57.4	63.6	67.8	72.7	73.1	74.8	75.9	76.5	77.1	77.3	77.4	77.5	77.5	77.5	77.6	78.0
GE 5000	58.0	64.2	68.5	72.8	74.0	75.7	76.9	77.5	78.0	78.3	78.4	78.5	78.5	78.5	78.6	79.0
GE 4500	58.3	64.5	68.9	73.1	74.3	76.1	77.3	77.9	78.5	78.7	78.8	78.9	78.9	78.9	79.0	79.5
GE 4000	61.0	67.7	72.4	77.3	78.3	80.3	81.5	82.2	82.8	83.1	83.3	83.4	83.4	83.5	83.9	84.9
GE 3500	62.0	68.8	73.8	78.7	80.0	82.0	83.3	84.0	84.7	85.0	85.1	85.2	85.2	85.3	85.7	86.7
GE 3000	65.6	72.9	78.3	83.8	85.3	87.7	89.3	90.1	91.0	91.4	91.5	91.7	91.8	91.8	92.3	93.3
GE 2500	66.3	73.7	79.2	84.9	86.5	88.9	90.5	91.4	92.3	92.7	92.9	93.1	93.1	93.2	93.6	94.6
GE 2000	66.9	74.3	79.9	85.7	87.4	89.9	91.6	92.5	93.5	94.0	94.1	94.4	94.4	94.5	94.9	95.9
GE 1800	66.9	74.4	80.0	85.8	87.5	90.0	91.7	92.6	93.7	94.1	94.3	94.5	94.6	94.7	95.1	96.1
GE 1500	67.1	74.7	80.3	86.2	88.0	90.6	92.3	93.3	94.4	94.9	95.1	95.4	95.4	95.5	95.9	96.9
GE 1200	67.2	74.8	80.6	86.5	88.4	91.0	92.9	93.9	95.1	95.6	95.8	96.1	96.2	96.3	96.8	97.8
GE 1000	67.4	75.1	80.8	86.8	88.7	91.4	93.3	94.4	95.6	96.2	96.4	96.7	96.8	96.9	97.4	98.4
GE 900	67.4	75.1	80.8	86.9	88.7	91.5	93.4	94.5	95.7	96.3	96.5	96.8	96.8	96.9	97.0	97.5
GE 800	67.5	75.1	80.9	86.9	88.8	91.6	93.5	94.6	95.8	96.5	96.8	97.2	97.2	97.3	97.8	98.8
GE 700	67.5	75.1	80.9	87.0	88.9	91.7	93.6	94.7	96.0	96.7	97.0	97.4	97.4	97.6	98.0	99.0
GE 600	67.5	75.1	80.9	87.0	88.9	91.7	93.6	94.7	96.1	96.8	97.1	97.5	97.6	97.7	98.2	99.2
GE 500	67.5	75.1	80.9	87.0	88.9	91.8	93.7	94.9	96.3	97.0	97.3	97.8	97.8	98.0	98.6	99.6
GE 400	67.5	75.1	81.0	87.1	88.9	91.8	93.8	94.9	96.3	97.1	97.4	97.9	98.0	98.1	98.7	99.7
GE 300	67.5	75.1	81.0	87.1	88.9	91.8	93.8	94.9	96.4	97.2	97.5	98.0	98.0	98.2	98.9	99.9
GE 200	67.5	75.1	81.0	87.1	88.9	91.8	93.8	94.9	96.4	97.2	97.6	98.0	98.1	98.3	99.4	99.9
GE 100	67.5	75.1	81.0	87.1	88.9	91.8	93.8	94.9	96.4	97.2	97.6	98.0	98.1	98.3	99.4	99.9
GE 0	67.5	75.1	81.0	87.1	88.9	91.8	93.8	94.9	96.4	97.2	97.6	98.0	98.1	98.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 6763

GLOBAL CLIMATOLOGY BRANCH
USAFITAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15
500	49.4	49.8	53.7	59.1	58.3	59.6	60.7	61.0	61.5	61.9	62.0	62.2	62.2	62.7	62.3	
600	51.8	57.9	62.9	67.2	67.4	69.3	71.0	71.4	71.8	72.2	72.3	72.6	72.6	72.6	72.7	
700	52.7	59.1	63.6	68.4	68.6	70.5	72.2	72.6	73.0	73.4	73.5	73.7	73.7	73.7	73.7	
800	52.7	59.1	63.6	68.4	68.6	70.5	72.2	72.6	73.0	73.4	73.5	73.7	73.7	73.7	73.7	
900	53.3	59.6	64.2	68.9	69.1	71.0	72.8	73.1	73.5	74.0	74.1	74.3	74.3	74.3	74.4	
1000	53.7	62.1	64.8	69.6	69.9	71.8	73.5	73.8	74.3	74.7	74.8	75.0	75.0	75.0	75.1	
1100	55.9	62.9	67.6	72.8	73.0	74.9	76.9	77.2	77.6	78.0	78.1	78.4	78.4	78.4	78.5	
1200	56.2	63.5	69.2	73.4	73.6	75.6	77.5	77.8	78.3	78.7	78.8	79.0	79.0	79.0	79.1	
1300	57.0	64.6	69.9	75.2	75.6	77.6	79.5	79.9	80.3	80.7	80.8	81.1	81.1	81.1	81.2	
1400	58.2	65.1	70.8	75.9	76.1	78.1	80.1	80.4	80.8	81.3	81.4	81.6	81.6	81.6	81.7	
1500	58.3	65.4	70.8	76.2	76.5	78.6	80.5	80.8	81.3	81.7	81.8	82.0	82.0	82.0	82.1	
1600	59.7	67.0	72.3	77.7	78.0	80.1	82.0	82.3	82.8	83.2	83.3	83.5	83.5	83.5	83.6	
1700	59.7	67.5	72.9	78.3	78.6	80.6	82.6	82.9	83.3	83.7	83.9	84.1	84.1	84.1	84.2	
1800	60.4	70.2	75.0	81.5	81.9	84.0	85.9	86.2	86.7	87.1	87.2	87.4	87.4	87.4	87.5	
1900	61.3	71.0	77.0	82.7	83.2	85.3	87.2	87.5	87.9	88.4	88.5	88.7	88.7	88.7	88.8	
2000	62.0	71.8	80.4	86.9	87.2	89.3	91.3	91.6	92.0	92.5	92.6	92.8	92.8	92.8	92.9	
2100	62.1	72.2	80.7	87.2	87.5	89.8	91.7	92.0	92.5	92.9	93.0	93.2	93.2	93.2	93.3	
2200	62.8	75.0	81.6	89.3	88.6	91.1	93.0	93.4	93.9	94.3	94.4	94.6	94.6	94.6	94.7	
2300	62.7	75.1	81.5	89.5	88.8	91.3	93.3	93.9	94.2	94.6	94.7	94.9	94.9	94.9	95.0	
2400	62.8	75.2	82.3	89.1	89.5	91.9	94.1	94.5	94.9	95.4	95.5	95.7	95.7	95.7	95.8	
2500	63.0	75.2	82.9	89.5	90.1	92.8	94.9	95.5	95.9	96.3	96.4	96.7	96.7	96.7	96.8	
2600	63.1	75.4	83.1	90.1	90.4	93.1	95.3	95.8	96.2	96.7	96.8	97.0	97.0	97.0	97.1	
2700	63.5	75.7	83.4	90.8	91.0	93.6	95.8	96.3	96.8	97.2	97.3	97.5	97.5	97.5	97.6	
2800	63.2	75.9	83.5	90.7	91.2	94.0	96.1	96.7	97.1	97.5	97.6	97.8	97.8	97.8	98.0	
2900	63.4	77.1	83.7	91.7	91.4	94.3	96.4	97.0	97.4	98.0	98.1	98.3	98.3	98.3	98.4	
3000	63.8	77.1	84.0	91.7	91.6	94.6	96.9	97.4	97.8	98.4	98.5	98.7	98.7	98.7	98.8	
3100	64.8	77.1	84.1	91.7	91.6	94.7	97.0	97.5	98.0	98.5	98.6	98.8	98.8	98.8	98.9	
3200	64.8	77.1	84.1	91.7	91.6	94.7	97.0	97.5	98.0	98.5	98.6	98.8	98.8	98.8	99.0	
3300	64.8	77.1	84.1	91.4	91.8	94.9	97.2	97.7	98.2	98.8	98.9	99.1	99.4	99.4	99.6	
3400	64.8	77.1	84.1	91.4	91.8	94.9	97.2	97.7	98.2	98.8	98.9	99.1	99.6	99.6	99.8	
3500	64.8	77.1	84.1	91.4	91.8	94.9	97.2	97.7	98.2	98.8	98.9	99.1	99.6	99.7	99.9	
3600	64.8	77.1	84.1	91.4	91.8	94.9	97.2	97.7	98.2	98.8	98.9	99.1	99.6	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 249

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

PERIOD OF RECORD: 78-87
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	34.6	40.6	44.8	51.3	52.3	55.7	57.3	57.3	57.3	57.8	57.9	58.2	58.4	58.4	58.7	59.4
GE 2000	40.0	47.5	52.2	59.7	61.0	64.8	66.8	66.8	67.5	68.0	68.4	68.6	68.6	68.8	68.8	69.5
GE 1800	40.3	47.8	52.5	60.1	61.4	65.1	67.2	67.2	67.8	68.4	68.7	68.9	68.9	69.1	69.1	69.9
GE 1600	40.3	47.8	52.5	60.1	61.4	65.1	67.2	67.2	67.8	68.4	68.7	68.9	68.9	69.1	69.1	69.9
GE 1400	40.4	47.9	52.6	60.2	61.5	65.2	67.3	67.3	67.9	68.5	68.8	69.0	69.0	69.2	69.2	70.0
GE 1200	40.7	48.2	53.0	60.5	61.8	65.7	67.7	67.7	68.4	68.9	69.2	69.4	69.4	69.4	69.6	70.4
GE 1000	42.7	53.6	55.5	63.4	64.7	68.6	70.7	70.7	71.4	71.9	72.2	72.4	72.4	72.7	73.1	73.4
GE 900	42.8	53.7	55.9	63.9	65.1	69.0	71.2	71.2	71.8	72.3	72.7	72.9	72.9	73.1	73.1	73.8
GE 800	44.3	52.3	57.8	65.8	67.4	71.5	73.8	73.8	74.5	75.0	75.3	75.6	75.6	75.8	76.5	76.5
GE 700	44.6	52.6	58.2	66.4	68.0	72.1	74.5	74.5	75.1	75.7	76.0	76.2	76.2	76.4	77.2	77.2
GE 600	44.9	53.0	58.9	67.1	68.7	72.8	75.1	75.1	75.8	76.3	76.6	76.9	76.9	77.1	77.8	77.8
GE 500	45.2	53.4	59.3	67.6	69.5	73.7	76.1	76.1	76.7	77.3	77.6	77.8	77.8	78.0	78.8	78.8
GE 450	45.4	53.6	59.5	68.0	69.8	74.0	76.3	76.3	77.0	77.5	77.8	78.0	78.0	78.3	79.0	79.0
GE 400	48.7	57.4	63.4	72.4	74.3	78.5	80.9	80.9	81.6	82.1	82.5	82.7	82.7	82.9	83.6	83.6
GE 350	49.8	58.6	64.6	73.6	75.5	79.7	82.1	82.1	82.8	83.3	83.6	83.9	83.9	84.1	84.8	84.8
GE 300	51.9	61.1	67.6	77.1	76.9	83.6	86.1	86.1	86.8	87.3	87.6	87.8	87.8	88.1	88.8	88.8
GE 250	52.7	62.0	68.5	78.0	79.9	84.6	87.2	87.2	87.8	88.4	88.7	88.9	88.9	89.1	89.9	89.9
GE 200	53.7	63.1	69.6	79.4	81.4	86.2	88.9	89.0	89.7	90.2	90.5	90.7	90.7	91.0	91.7	91.7
GE 180	53.8	63.2	69.8	79.5	81.5	86.5	89.2	89.3	90.0	90.5	90.9	91.1	91.1	91.3	92.0	92.0
GE 150	54.6	64.3	71.2	81.4	83.3	88.5	91.3	91.4	92.0	92.7	93.0	93.2	93.2	93.4	94.2	94.2
GE 120	55.3	65.1	72.1	82.6	84.5	89.7	92.5	92.6	93.2	94.0	94.3	94.5	94.5	94.7	95.5	95.5
GE 100	55.8	65.6	72.8	83.7	85.1	90.3	93.1	93.3	94.0	94.7	95.0	95.3	95.3	95.5	96.2	96.2
GE 90	55.9	65.7	72.9	83.3	85.3	90.4	93.2	93.4	94.1	94.8	95.2	95.4	95.4	95.6	96.3	96.3
GE 80	55.9	65.7	73.0	83.5	85.5	90.6	93.4	93.6	94.4	95.2	95.5	95.7	95.7	96.0	96.8	96.8
GE 70	56.2	66.0	73.3	83.9	85.8	91.0	93.8	94.0	94.7	95.5	95.8	96.0	96.0	96.3	97.1	97.1
GE 60	56.2	66.0	73.3	83.9	85.8	91.1	93.9	94.1	94.8	95.7	96.0	96.3	96.3	96.7	97.4	97.4
GE 50	56.2	66.1	73.4	84.0	85.9	91.2	94.0	94.2	94.9	95.8	96.1	96.4	96.4	96.8	97.8	97.8
GE 40	56.2	66.1	73.4	84.1	85.9	91.2	94.0	94.2	94.9	95.8	96.1	96.4	96.4	96.9	98.0	98.0
GE 30	56.2	66.1	73.4	84.0	85.9	91.2	94.0	94.2	94.9	95.8	96.1	96.4	96.4	96.9	98.1	98.1
GE 20	56.2	66.1	73.4	84.0	85.9	91.2	94.0	94.2	94.9	95.8	96.1	96.4	96.4	97.0	98.4	98.4
GE 10	56.2	66.1	73.4	84.0	85.9	91.2	94.0	94.2	94.9	95.8	96.1	96.6	96.6	97.1	99.8	99.8
GE 0	56.2	66.1	73.4	84.0	85.9	91.2	94.0	94.2	94.9	95.8	96.1	96.6	96.6	97.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 78-87
 MONTH: MAR HOURS(1511): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	21.3	27.7	31.7	38.7	40.1	45.1	49.2	50.6	53.1	54.4	54.7	55.2	55.2	55.7	56.8	
GE 20000	23.8	31.1	35.4	44.0	45.9	51.7	56.3	57.7	60.4	62.0	62.5	63.0	63.0	63.7	64.8	
GE 18000	24.0	31.3	35.6	44.2	46.1	52.0	56.7	58.1	60.9	62.7	63.1	63.7	63.7	64.3	65.5	
GE 16000	24.0	31.3	35.6	44.2	46.1	52.0	56.7	58.1	60.9	62.7	63.1	63.7	63.7	64.3	65.5	
GE 14000	24.0	31.3	35.6	44.3	46.2	52.3	56.9	58.3	61.1	62.9	63.3	63.9	63.9	64.5	65.8	
GE 12000	24.8	32.5	37.1	46.0	48.0	54.1	58.7	60.2	63.0	64.8	65.3	65.8	65.8	66.5	67.7	
GE 10000	25.5	33.9	38.9	48.4	50.5	56.7	61.5	63.1	65.9	67.7	68.2	68.7	68.8	69.6	70.9	
GE 9000	25.6	34.0	39.1	48.7	50.9	57.0	61.8	63.4	66.2	68.1	68.5	69.0	69.1	69.9	71.2	
GE 8000	26.3	34.9	40.8	50.5	53.1	59.2	64.5	66.1	68.9	70.8	71.2	71.7	71.8	72.6	74.0	
GE 7000	26.7	35.3	41.1	51.0	53.7	60.0	65.4	67.0	69.8	71.6	72.0	72.6	72.7	73.4	74.8	
GE 6000	26.8	35.4	41.2	51.2	53.9	60.2	65.6	67.2	70.0	71.8	72.3	72.8	72.9	73.7	75.1	
GE 5000	26.9	35.5	41.3	51.5	54.2	60.8	66.1	67.8	70.6	72.6	73.1	73.7	73.8	74.6	75.9	
GE 4500	26.9	35.7	41.5	51.7	54.4	61.0	66.3	68.1	70.9	72.9	73.3	73.9	74.0	74.7	76.1	
GE 4000	29.0	39.5	44.6	55.2	58.0	64.8	70.8	72.6	75.4	77.3	77.8	78.4	78.5	79.2	80.6	
GE 3500	30.1	39.6	45.8	56.6	59.4	66.3	72.4	74.2	77.0	78.9	79.5	80.0	80.1	80.9	82.3	
GE 3000	31.7	41.7	48.5	60.5	63.3	70.5	76.8	78.9	81.8	83.9	84.4	84.9	85.1	85.8	87.2	
GE 2500	31.9	42.0	48.8	61.2	64.0	71.3	77.7	79.9	82.8	84.8	85.4	85.9	86.0	86.8	88.2	
GE 2000	32.2	43.1	50.0	62.7	65.5	73.1	79.7	81.9	84.8	86.9	87.4	88.0	88.1	88.8	90.2	
GE 1800	32.4	43.5	50.6	63.3	66.1	74.0	80.5	82.8	85.7	87.7	88.3	88.8	88.9	89.7	91.1	
GE 1500	32.7	44.2	51.4	64.6	67.7	75.9	82.6	84.8	87.7	89.8	90.3	90.9	91.0	91.7	93.1	
GE 1200	32.9	44.4	51.7	65.2	68.4	76.7	83.5	85.8	88.7	90.8	91.3	91.8	91.9	92.7	94.1	
GE 1000	33.2	44.7	52.0	65.7	69.0	77.5	84.6	87.0	89.9	91.9	92.5	93.1	93.1	93.9	95.3	
GE 900	33.2	44.7	52.0	65.7	69.0	77.5	84.6	87.0	89.9	91.9	92.5	93.1	93.1	93.9	95.3	
GE 800	33.3	44.8	52.2	65.8	69.1	77.6	84.8	87.2	90.1	92.3	92.8	93.3	93.4	94.2	95.7	
GE 700	33.3	44.9	52.4	66.1	69.5	78.0	85.2	87.5	90.4	92.6	93.1	93.7	93.8	94.5	96.0	
GE 600	33.4	45.1	52.5	66.3	69.7	78.2	85.4	87.7	90.8	93.0	93.5	94.1	94.2	94.9	96.5	
GE 500	33.4	45.1	52.5	66.3	69.7	78.3	85.5	87.8	91.0	93.4	94.0	94.5	94.7	95.7	97.4	
GE 400	33.4	45.1	52.6	66.5	69.8	78.4	85.7	88.2	91.3	93.8	94.3	94.8	95.1	96.1	97.8	
GE 300	33.4	45.1	52.6	66.5	69.9	78.5	85.8	88.3	91.4	93.9	94.4	94.9	95.2	96.2	98.4	
GE 200	33.4	45.1	52.6	66.5	69.9	78.5	85.8	88.3	91.4	93.9	94.5	95.1	95.3	96.3	98.9	
GE 100	33.4	45.1	52.6	66.5	69.9	78.5	85.8	88.3	91.4	93.9	94.5	95.1	95.3	96.3	100.0	
GE 0	33.4	45.1	52.6	66.5	69.9	78.5	85.8	88.3	91.4	93.9	94.5	95.1	95.3	96.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 954

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 78-87
 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		34.3	39.6	43.7	49.2	51.8	54.8	57.2	57.5	58.3	58.7	58.8	58.9	59.1	59.1	59.2
GE 20000	39.3	44.8	49.6	56.2	59.1	67.9	65.7	66.7	67.6	68.2	68.4	68.5	68.7	68.7	68.8	
GE 18000	39.4	44.9	49.7	56.5	59.4	63.3	66.1	67.2	68.0	68.7	68.8	68.9	69.2	69.2	69.3	
GE 16000	39.5	45.1	49.9	56.7	59.6	63.5	66.3	67.4	68.2	69.9	69.0	69.1	69.4	69.4	69.5	
GE 14000	39.6	45.2	50.1	56.8	59.7	63.6	66.4	67.6	68.5	69.2	69.3	69.4	69.8	69.8	69.9	
GE 12000	39.7	45.6	50.6	57.7	60.7	64.6	67.4	68.6	69.4	70.2	70.3	70.4	70.7	70.7	70.8	
GE 10000	40.7	46.7	51.9	59.4	62.6	67.0	70.0	71.3	72.1	72.9	73.0	73.1	73.4	73.4	73.5	
GE 9000	40.7	46.7	51.9	59.4	62.8	67.1	70.1	71.4	72.2	73.0	73.1	73.2	73.5	73.5	73.6	
GE 8000	41.9	48.0	53.5	61.1	64.5	69.0	72.3	73.6	74.6	75.3	75.5	75.6	75.9	75.9	76.0	
GE 7000	42.7	49.0	54.7	62.3	65.9	70.9	74.3	75.6	76.5	77.3	77.4	77.6	77.9	77.9	78.0	
GE 6000	43.1	49.3	55.0	62.9	66.3	71.4	74.7	76.0	77.1	77.9	78.0	78.3	78.6	79.6	78.8	
GE 5000	43.3	49.8	55.8	63.7	67.3	72.3	75.7	77.0	78.0	78.9	79.0	79.2	79.5	79.5	79.8	
GE 4500	43.4	49.9	55.9	63.9	67.4	72.4	75.8	77.1	78.1	79.0	79.1	79.3	79.7	79.7	79.9	
GE 4000	44.6	51.6	58.3	66.3	70.1	75.3	78.7	80.0	81.1	81.9	82.0	82.2	82.6	82.6	82.8	
GE 3500	45.0	52.0	58.8	66.9	70.6	75.9	79.2	80.5	81.6	82.5	82.6	82.9	83.1	83.1	83.3	
GE 3000	47.4	54.8	61.7	69.9	73.6	79.0	82.5	83.7	85.0	86.0	86.1	86.3	86.7	86.7	87.0	
GE 2500	48.0	55.5	62.4	70.7	74.5	79.9	83.5	84.8	86.1	87.1	87.2	87.5	87.8	87.8	88.2	
GE 2000	49.3	57.2	64.3	72.7	76.6	82.1	86.0	87.5	88.8	89.8	89.9	90.2	90.5	90.5	90.9	
GE 1800	49.6	57.6	64.7	73.1	77.2	82.8	86.7	88.2	89.5	90.5	90.6	91.0	91.3	91.3	91.6	
GE 1600	50.3	58.8	66.1	74.7	78.8	84.7	88.7	90.3	91.7	92.8	92.9	93.2	93.5	93.5	93.9	
GE 1400	50.7	59.3	66.9	75.6	79.7	85.6	90.0	91.6	93.0	94.1	94.2	94.5	94.8	94.8	95.2	
GE 1000	50.7	59.4	67.2	76.0	80.5	86.4	90.9	92.7	94.1	95.2	95.5	95.9	96.2	96.2	96.6	
GE 900	50.7	59.4	67.3	76.2	80.7	86.7	91.1	92.9	94.3	95.4	95.7	96.1	96.4	96.4	96.8	
GE 800	50.7	59.4	67.6	76.6	81.2	87.1	91.5	93.3	94.7	95.8	96.1	96.6	96.9	96.9	97.2	
GE 700	50.7	59.4	67.7	76.7	81.4	87.3	91.7	93.5	94.9	96.0	96.4	96.9	97.2	97.2	97.5	
GE 600	50.7	59.4	67.7	76.7	81.5	87.4	91.9	93.8	95.2	96.2	96.8	97.2	97.5	97.5	97.8	
GE 500	50.7	59.4	67.7	76.9	81.6	87.6	92.2	94.1	95.7	96.9	97.4	98.0	98.4	98.4	98.7	
GE 400	50.7	59.4	67.7	77.0	81.8	87.8	92.5	94.4	96.0	97.2	97.7	98.4	98.8	98.8	99.1	
GE 300	50.7	59.4	67.7	77.0	81.8	87.8	92.5	94.4	96.0	97.2	97.7	98.4	98.8	98.9	99.5	
GE 200	50.7	59.4	67.7	77.0	81.8	87.8	92.5	94.4	96.0	97.2	97.8	98.5	99.0	99.1	99.8	
GE 100	50.7	59.4	67.7	77.0	81.8	87.8	92.5	94.4	96.0	97.2	97.8	98.5	99.0	99.1	100.0	
GE 0	50.7	59.4	67.7	77.0	81.8	87.8	92.5	94.4	96.0	97.2	97.8	98.5	99.0	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	56.6	59.7	59.5	59.8	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 20000	66.5	69.5	70.6	71.7	72.0	72.3	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	68.1	71.3	72.5	73.5	73.9	74.1	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 16000	68.2	71.4	72.6	73.7	74.0	74.2	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 14000	68.4	71.6	72.8	73.9	74.2	74.4	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 12000	68.9	72.3	73.4	74.5	74.8	75.1	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	70.9	74.3	75.5	76.7	77.1	77.3	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 9000	70.9	74.3	75.5	76.7	77.1	77.3	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	72.2	75.2	77.4	78.8	79.2	79.5	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 7000	73.0	77.2	78.5	80.0	80.4	80.6	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 6000	73.1	77.4	78.7	80.3	80.8	81.0	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000	73.5	77.8	79.2	81.0	81.4	81.6	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	74.1	78.4	79.8	81.5	81.9	82.2	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000	75.3	80.0	81.5	83.4	83.9	84.3	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3500	75.5	80.3	81.9	84.0	84.4	84.8	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	79.4	84.7	86.5	88.9	89.4	89.8	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2500	80.5	86.0	87.7	90.3	90.8	91.2	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	82.4	89.0	90.0	92.9	93.5	94.0	94.5	94.6	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1
GE 1800	82.6	89.3	90.3	93.2	93.9	94.3	94.8	94.9	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 1500	83.0	89.7	90.9	93.9	94.6	95.1	95.7	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2
GE 1200	83.1	89.9	91.1	94.2	94.9	95.4	96.0	96.1	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7
GE 1000	83.1	89.0	91.4	94.5	95.3	95.7	96.3	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 900	83.2	89.1	91.5	94.6	95.4	95.8	96.5	96.7	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3
GE 800	83.2	89.1	91.6	94.8	95.6	96.0	96.7	96.9	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5
GE 700	83.5	89.6	92.0	95.3	96.0	96.5	97.1	97.3	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1
GE 600	83.8	90.0	92.6	95.8	96.7	97.1	97.8	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE 500	83.8	90.0	92.6	95.8	96.7	97.1	98.1	98.4	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2
GE 400	83.8	90.0	92.6	95.8	96.7	97.1	98.2	98.5	99.0	99.1	99.2	99.5	99.5	99.5	99.5	99.5
GE 300	83.8	90.0	92.6	95.8	96.7	97.1	98.2	98.7	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9
GE 200	83.8	90.0	92.6	95.8	96.7	97.1	98.2	98.7	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0
GE 100	83.8	90.0	92.6	95.8	96.7	97.1	98.2	98.7	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0
GE 0	83.8	90.0	92.6	95.8	96.7	97.1	98.2	98.7	99.2	99.5	99.6	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: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	58.7	63.4	60.9	61.1	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	68.7	73.8	71.5	72.0	72.0	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 18000	70.0	72.0	72.8	73.3	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 16000	70.3	72.4	73.1	73.7	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 14000	70.8	72.8	73.5	74.1	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 12000	71.7	73.9	74.7	75.3	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 10000	74.5	76.8	77.8	78.6	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	74.7	77.1	78.2	78.9	79.0	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 8000	77.0	80.0	81.2	81.9	82.0	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 7000	77.8	81.2	82.4	83.1	83.2	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	78.0	81.3	82.6	83.3	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 5000	78.8	82.3	83.5	84.3	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	79.2	82.7	84.0	84.7	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	80.6	84.1	85.4	86.6	86.8	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	81.2	84.7	86.2	87.4	87.6	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	83.8	87.7	89.4	90.8	91.1	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	84.5	89.9	90.6	92.2	92.5	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	84.8	89.7	91.5	93.4	94.0	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800	85.1	89.9	91.7	93.8	94.4	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 1500	85.6	90.4	92.4	94.5	95.3	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 1200	85.7	90.5	92.5	94.8	95.6	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 1000	85.9	90.8	92.7	95.3	96.3	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5
GE 900	86.0	90.9	92.8	95.4	96.5	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
GE 800	86.0	90.9	92.8	95.4	96.5	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7
GE 700	86.0	90.9	92.8	95.4	96.5	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7
GE 600	86.0	90.9	92.8	95.6	96.7	97.2	97.4	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0
GE 500	86.1	91.2	93.1	96.2	97.4	98.2	98.4	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 400	86.1	91.2	93.1	96.2	97.6	98.4	98.7	99.0	99.1	99.1	99.1	99.2	99.5	99.5	99.5	99.5
GE 300	86.1	91.2	93.1	96.2	97.6	98.4	98.8	99.1	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7
GE 200	86.1	91.2	93.1	96.2	97.6	98.4	98.8	99.2	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8
GE 100	86.1	91.2	93.1	96.2	97.6	98.4	98.8	99.2	99.5	99.5	99.5	99.6	99.8	99.9	100.0	100.0
GE 0	86.1	91.2	93.1	96.2	97.6	98.4	98.8	99.2	99.5	99.5	99.5	99.6	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: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 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	56.9	60.8	62.0	62.6	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
GE 20000	65.3	73.5	72.5	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000	66.7	71.9	73.9	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
GE 16000	66.9	72.2	74.1	74.6	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
GE 14000	67.2	72.6	74.5	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
GE 12000	68.3	73.7	75.6	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
GE 10000	70.4	76.1	78.3	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
GE 9000	70.5	76.3	78.6	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1
GE 8000	72.5	78.3	81.0	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6
GE 7000	73.4	79.2	82.2	83.3	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	73.4	79.2	82.2	83.3	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
GE 5000	73.9	79.7	82.7	84.0	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	74.3	80.2	83.2	84.6	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
GE 4000	76.5	82.6	85.6	87.1	87.7	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	76.9	83.0	86.0	87.8	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	78.8	85.3	88.5	90.6	91.6	91.7	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	79.7	86.2	89.5	91.6	92.7	92.8	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	80.3	87.0	90.4	92.8	94.0	94.3	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	80.3	87.0	90.4	93.0	94.2	94.5	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	81.0	87.7	91.2	94.0	95.4	95.8	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	81.0	87.7	91.2	94.1	95.6	96.0	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	81.3	88.2	91.7	94.6	96.3	96.8	97.2	97.2	97.2	97.2	97.3	97.4	97.6	97.6	97.6	97.7
GE 900	81.3	88.2	91.7	94.6	96.3	96.8	97.2	97.2	97.2	97.2	97.3	97.4	97.6	97.6	97.6	97.7
GE 800	81.3	88.2	91.7	94.6	96.3	97.0	97.5	97.5	97.5	97.5	97.6	97.7	98.0	98.0	98.1	98.2
GE 700	81.3	88.2	91.8	94.7	96.6	97.2	97.7	97.7	97.7	97.7	98.0	98.1	98.3	98.3	98.4	98.5
GE 600	81.3	88.2	91.8	94.8	96.7	97.5	98.2	98.2	98.2	98.2	98.4	98.5	98.7	98.7	98.8	98.9
GE 500	81.3	88.2	91.9	95.2	97.0	97.8	98.5	98.5	98.5	98.6	98.8	98.9	99.1	99.1	99.2	99.4
GE 400	81.3	88.4	92.3	95.5	97.4	98.4	99.0	99.0	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.9
GE 300	81.3	88.4	92.3	95.5	97.4	98.4	99.0	99.0	99.0	99.2	99.5	99.6	99.8	99.8	99.9	100.0
GE 200	81.3	88.4	92.3	95.5	97.4	98.4	99.0	99.0	99.0	99.2	99.5	99.6	99.8	99.8	99.9	100.0
GE 100	81.3	88.4	92.3	95.5	97.4	98.4	99.0	99.0	99.0	99.2	99.5	99.6	99.8	99.8	99.9	100.0
GE 0	81.3	88.4	92.3	95.5	97.4	98.4	99.0	99.0	99.0	99.2	99.5	99.6	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: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	57.0	60.9	62.4	64.2	4.4	65.1	65.6	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1
GE 20000	63.5	69.0	70.1	71.9	72.2	72.9	73.4	73.5	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0
GE 18000	64.3	69.8	71.0	72.8	73.0	73.8	74.3	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8
GE 16000	64.3	68.8	71.0	72.8	73.0	73.8	74.3	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8
GE 14000	64.4	69.1	71.4	73.2	73.4	74.2	74.7	74.8	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3
GE 12000	65.1	69.8	72.2	74.0	74.2	74.9	75.5	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0
GE 10000	67.7	72.7	75.3	77.5	77.8	78.6	79.1	79.2	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7
GE 9000	67.8	72.8	75.4	77.6	78.0	78.7	79.2	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8
GE 8000	68.9	74.0	77.0	79.2	79.6	80.3	80.9	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4
GE 7000	69.5	74.9	78.2	80.6	81.0	81.7	82.3	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8
GE 6000	69.5	74.9	78.3	80.9	81.2	81.9	82.5	82.6	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0
GE 5000	71.5	77.0	80.5	83.1	83.4	84.2	84.7	84.8	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3
GE 4500	71.9	77.5	81.1	83.7	84.0	84.7	85.3	85.4	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8
GE 4000	73.8	80.0	83.7	86.2	86.6	87.3	87.8	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4
GE 3500	74.4	80.9	84.8	87.5	87.8	88.6	89.1	89.2	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7
GE 3000	76.5	83.4	87.7	90.4	90.9	91.8	92.4	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9
GE 2500	77.1	84.2	88.7	91.4	91.9	92.9	93.4	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0
GE 2000	77.6	84.7	89.2	92.4	92.9	94.0	94.5	94.6	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1
GE 1500	77.7	84.9	89.5	92.7	93.2	94.3	94.8	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4
GE 1000	78.4	85.7	90.2	93.4	94.1	95.2	95.7	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2
GE 1200	78.8	86.1	91.0	94.2	94.8	96.1	96.7	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 1000	79.2	86.6	91.4	94.8	95.5	96.8	97.3	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1
GE 900	79.2	86.6	91.4	94.8	95.5	96.8	97.3	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1
GE 800	79.5	86.8	91.6	95.2	95.8	97.3	98.1	98.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE 700	79.5	86.8	91.6	95.3	95.9	97.4	98.2	98.3	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0
GE 600	79.5	86.8	91.6	95.4	96.0	97.5	98.3	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE 500	79.5	86.8	91.6	95.5	96.1	97.6	98.5	98.7	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 400	79.5	86.8	91.6	95.5	96.3	97.8	98.7	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 300	79.5	86.8	91.6	95.5	96.3	97.8	98.7	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 200	79.5	86.8	91.6	95.5	96.3	97.8	98.7	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 100	79.5	86.8	91.6	95.5	96.3	97.8	98.7	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 0	79.5	86.8	91.6	95.5	96.3	97.8	98.7	98.9	99.5	99.8	99.8	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: 471220 STATION NAME: OSAN AB (DREA

PERIOD OF RECORD: 76-87
MONTH: MAR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 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	45.4	49.8	52.3	55.6	56.4	58.1	59.3	59.6	60.2	60.5	60.6	60.7	60.7	60.8	61.1	
GE 20000	52.4	57.5	60.5	64.5	65.4	67.4	69.0	69.3	70.0	70.4	70.5	70.7	70.7	70.8	71.1	
GE 18000	53.2	58.4	61.4	65.4	66.3	68.4	69.9	70.3	70.9	71.4	71.5	71.7	71.7	71.8	72.1	
GE 16000	53.3	58.5	61.6	65.5	66.4	68.5	70.1	70.4	71.1	71.5	71.6	71.8	71.8	71.9	72.2	
GE 14000	53.5	58.8	61.8	65.8	66.7	68.8	70.4	70.7	71.4	71.8	72.0	72.1	72.2	72.3	72.5	
GE 12000	54.1	59.5	62.7	66.7	67.6	69.8	71.3	71.7	72.3	72.8	72.9	73.1	73.1	73.2	73.5	
GE 10000	56.0	61.7	65.1	69.5	70.5	72.7	74.3	74.8	75.4	75.9	76.0	76.1	76.2	76.3	76.6	
GE 9000	56.2	61.9	65.3	69.8	70.8	73.0	74.6	75.0	75.7	76.1	76.3	76.4	76.5	76.6	76.9	
GE 8000	57.6	63.5	67.3	71.8	73.0	75.2	77.0	77.4	78.1	78.5	78.6	78.9	78.8	79.0	79.3	
GE 7000	58.2	64.3	68.2	72.8	74.0	76.4	78.1	78.6	79.2	79.7	79.8	80.0	80.0	80.1	80.4	
GE 6000	58.4	64.5	68.5	73.1	74.3	76.7	78.5	78.9	79.6	80.0	80.2	80.3	80.4	80.5	80.8	
GE 5000	59.1	65.3	69.3	74.1	75.4	77.8	79.5	80.0	80.6	81.1	81.3	81.4	81.5	81.6	81.9	
GE 4000	59.4	65.7	69.7	74.5	75.8	78.2	80.0	80.4	81.0	81.5	81.7	81.8	81.9	82.0	82.3	
GE 3000	61.4	69.0	72.3	77.4	78.6	81.1	83.0	83.5	84.1	84.6	84.8	84.9	85.0	85.1	85.4	
GE 2500	62.0	69.8	73.1	78.3	79.6	82.1	84.0	84.5	85.1	85.6	85.8	85.9	86.0	86.1	86.4	
GE 2000	64.4	71.6	76.3	81.9	83.2	85.9	87.9	88.4	89.1	89.5	89.7	89.9	89.9	90.0	90.4	
GE 1500	65.1	72.4	77.1	82.8	84.2	86.9	88.9	89.4	90.1	90.6	90.8	91.0	91.0	91.1	91.4	
GE 1000	65.9	73.5	78.3	84.3	85.8	88.6	90.7	91.3	92.0	92.6	92.7	92.9	92.9	93.1	93.4	
GE 800	66.1	73.7	78.6	84.6	86.2	89.1	91.2	91.7	92.5	93.0	93.1	93.3	93.4	93.5	93.8	
GE 700	66.6	74.4	79.5	85.7	87.3	90.3	92.5	93.1	93.9	94.4	94.5	94.7	94.8	94.9	95.2	
GE 600	66.9	74.8	79.9	86.3	88.0	91.0	93.3	93.9	94.6	95.2	95.3	95.5	95.6	95.7	96.0	
GE 500	67.2	75.1	80.3	86.8	88.6	91.7	94.0	94.7	95.4	96.0	96.2	96.5	96.5	96.6	96.9	
GE 400	67.3	75.2	80.4	86.9	88.7	91.8	94.1	94.8	95.6	96.2	96.3	96.6	96.6	96.8	97.1	
GE 300	67.3	75.2	80.5	87.1	88.9	92.1	94.4	95.1	95.9	96.5	96.7	96.9	97.0	97.1	97.5	
GE 200	67.4	75.4	80.7	87.3	89.1	92.3	94.7	95.4	96.2	96.8	97.0	97.2	97.3	97.4	97.8	
GE 100	67.5	75.4	80.8	87.5	89.3	92.5	94.9	95.7	96.5	97.2	97.4	97.6	97.7	97.8	98.2	
GE 0	67.5	75.5	80.9	87.6	89.5	92.8	95.3	96.0	96.9	97.6	97.8	98.1	98.2	98.3	98.8	
GE 0	67.5	75.5	80.9	87.7	89.6	93.0	95.5	96.2	97.1	97.8	98.1	98.4	98.4	98.6	99.1	
GE 0	67.5	75.5	80.9	87.7	89.7	93.0	95.5	96.3	97.2	98.0	98.2	98.5	98.6	98.8	99.4	
GE 0	67.5	75.5	80.9	87.7	89.7	93.0	95.5	96.3	97.2	98.0	98.2	98.6	98.7	99.0	99.6	
GE 0	67.5	75.5	80.9	87.7	89.7	93.0	95.5	96.3	97.2	98.0	98.2	98.6	98.7	99.0	100.0	
GE 0	67.5	75.5	80.9	87.7	89.7	93.0	95.5	96.3	97.2	98.0	98.2	98.6	98.7	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7437

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 1/6	GE 1/4	GE 0
NO CEIL		47.0	50.5	53.2	58.0	58.8	60.1	60.8	60.9	61.3	61.4	61.5	61.5	61.5	61.5	61.6	61.8
GE 20000		52.0	55.9	58.6	64.3	65.1	66.4	67.1	67.2	67.7	67.8	67.9	67.9	67.9	68.0	68.1	68.1
GE 18000		52.5	55.4	59.2	64.9	65.7	67.0	67.7	67.8	69.2	68.3	68.5	68.5	68.5	68.5	68.6	68.7
GE 16000		52.5	56.4	59.2	64.9	65.7	67.0	67.7	67.8	68.2	68.3	68.5	68.5	68.5	68.5	68.6	68.7
GE 14000		52.8	56.7	59.5	65.2	66.0	67.3	68.0	68.1	68.6	68.7	68.8	68.8	68.8	68.8	68.9	69.0
GE 12000		54.4	58.5	61.4	67.1	67.9	69.2	69.9	70.0	70.5	70.6	70.7	70.7	70.7	70.7	70.8	70.9
GE 10000		56.2	60.5	63.4	69.5	70.2	71.6	72.2	72.4	72.8	72.9	73.0	73.0	73.0	73.1	73.2	73.2
GE 9000		56.3	60.6	63.5	69.6	70.3	71.7	72.4	72.5	72.9	73.0	73.1	73.1	73.1	73.2	73.4	73.4
GE 8000		59.5	64.4	67.6	73.7	74.5	76.0	76.8	76.9	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.8
GE 7000		60.9	65.9	69.0	75.1	75.9	77.5	78.3	78.4	78.8	78.9	79.0	79.0	79.0	79.2	79.2	79.2
GE 6000		60.9	65.0	69.1	75.3	76.0	77.6	78.4	78.5	78.9	79.0	79.2	79.2	79.2	79.3	79.4	79.4
GE 5000		61.8	67.3	70.6	76.7	77.5	79.0	79.8	79.9	80.4	80.5	80.6	80.6	80.6	80.7	80.8	80.8
GE 4500		62.4	68.1	71.6	77.7	78.5	80.0	80.8	80.9	81.4	81.5	81.6	81.6	81.6	81.7	81.8	81.8
GE 4000		65.2	71.6	75.1	81.7	82.5	84.2	85.2	85.3	85.7	85.8	86.0	86.0	86.0	86.1	86.2	86.2
GE 3500		66.0	72.4	76.0	82.6	83.4	85.2	86.2	86.3	86.7	86.8	87.0	87.0	87.0	87.1	87.2	87.2
GE 3000		67.7	74.0	77.9	84.7	85.6	87.4	88.4	88.5	89.0	89.1	89.2	89.2	89.2	89.3	89.4	89.4
GE 2500		68.3	74.9	79.0	86.2	87.1	88.9	90.0	90.1	90.5	90.6	90.7	90.7	90.7	90.9	91.0	91.0
GE 2000		69.1	75.7	79.8	87.3	88.3	90.1	91.4	91.5	92.0	92.1	92.2	92.3	92.3	92.3	92.4	92.5
GE 1800		69.6	76.1	80.5	88.0	89.2	91.0	92.3	92.5	93.1	93.2	93.3	93.3	93.3	93.4	93.5	93.5
GE 1600		70.0	76.6	80.9	88.4	89.6	91.4	92.8	93.0	93.5	93.6	93.8	93.8	93.8	93.9	94.0	94.0
GE 1400		70.2	75.9	81.3	88.7	90.0	91.8	93.1	93.3	93.9	94.1	94.2	94.2	94.2	94.3	94.4	94.4
GE 1200		70.2	75.9	81.3	88.7	90.0	91.8	93.1	93.3	93.9	94.1	94.2	94.2	94.2	94.3	94.4	94.4
GE 1000		70.5	77.5	81.8	89.3	90.5	92.4	93.8	94.0	94.5	94.8	94.9	94.9	94.9	95.0	95.1	95.1
GE 800		70.7	77.7	82.1	89.5	90.7	92.6	94.0	94.2	94.8	95.0	95.1	95.1	95.1	95.2	95.3	95.3
GE 600		71.1	79.1	82.7	90.2	91.6	93.8	95.3	95.5	96.1	96.4	96.5	96.5	96.5	96.7	96.8	96.8
GE 500		71.3	79.4	82.9	90.9	92.3	94.4	96.0	96.2	96.8	97.1	97.2	97.2	97.2	97.3	97.4	97.4
GE 400		71.3	79.4	82.9	91.3	92.8	95.0	96.5	96.8	97.7	98.1	98.2	98.2	98.2	98.3	98.4	98.4
GE 300		71.5	78.6	83.2	91.8	93.3	95.7	97.2	97.5	98.4	98.9	99.0	99.4	99.4	99.7	99.8	99.8
GE 200		71.5	79.6	83.2	91.8	93.3	95.7	97.2	97.5	98.4	98.9	99.0	99.4	99.4	99.7	99.8	99.8
GE 100		71.5	79.6	83.2	91.8	93.3	95.7	97.2	97.5	98.4	99.1	99.2	99.7	99.7	99.9	100.0	100.0
GE 0		71.5	79.6	83.2	91.8	93.3	95.7	97.2	97.5	98.4	99.1	99.2	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MCNTH: APR HOURS(LIST): 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																
GE 20000	36.1	41.5	43.9	48.9	49.8	52.4	53.5	55.1	55.6	55.6	55.7	56.3	56.4	56.4	57.5	
GE 18000	39.9	46.4	48.8	55.1	56.3	59.3	60.4	62.1	62.7	62.7	62.8	63.3	63.4	63.4	64.5	
GE 16000	40.1	46.9	49.4	55.6	56.9	59.9	61.0	62.7	63.2	63.2	63.3	63.9	64.0	64.0	65.1	
GE 14000	40.6	47.4	49.8	56.1	57.3	60.3	61.4	63.1	63.7	63.7	63.8	64.3	64.4	64.4	65.6	
GE 12000	41.4	49.6	51.1	57.3	58.5	61.5	62.8	64.4	65.0	65.0	65.1	65.7	65.8	65.8	66.9	
GE 10000	43.5	51.1	53.7	60.0	61.2	64.2	65.4	67.1	67.7	67.7	67.8	68.3	68.5	68.5	69.6	
GE 9000	43.9	51.5	54.3	60.5	61.8	64.8	66.0	67.7	68.2	68.2	68.3	68.9	69.0	69.0	70.1	
GE 8000	46.8	55.1	57.9	64.3	65.6	68.7	70.5	72.1	72.7	72.7	72.8	73.4	73.5	73.5	74.6	
GE 7000	47.8	56.4	59.2	65.9	67.1	70.2	72.0	73.7	74.2	74.2	74.4	74.9	75.0	75.0	76.1	
GE 6000	47.8	56.4	59.3	66.0	67.2	70.3	72.1	73.8	74.4	74.4	74.5	75.0	75.1	75.1	76.3	
GE 5000	48.6	57.3	60.2	67.0	68.2	71.3	73.1	74.8	75.4	75.4	75.5	76.0	76.1	76.1	77.3	
GE 4500	48.9	57.6	60.5	67.3	68.6	71.7	73.5	75.1	75.7	75.7	75.8	76.4	76.5	76.5	77.6	
GE 4000	51.7	60.8	64.5	71.9	73.1	76.3	78.0	79.7	80.3	80.3	80.4	80.9	81.0	81.0	82.2	
GE 3500	52.7	61.9	65.9	73.4	74.6	77.8	79.6	81.3	81.8	81.8	81.9	82.5	82.6	82.6	83.7	
GE 3000	55.3	64.8	69.0	76.9	78.1	81.7	83.5	85.2	85.7	85.7	85.8	86.4	86.5	86.5	87.6	
GE 2500	56.3	65.9	70.1	78.0	79.4	82.9	84.7	86.4	87.0	87.0	87.1	87.6	87.7	87.7	88.9	
GE 2000	56.9	66.0	71.1	79.2	80.5	84.2	86.3	88.0	88.6	88.6	88.6	89.3	89.4	89.4	90.5	
GE 1800	56.9	66.8	71.1	79.3	80.6	84.3	86.4	88.1	88.9	88.9	89.0	89.5	89.6	89.6	90.7	
GE 1500	57.1	67.1	71.5	79.8	81.4	85.1	87.2	88.9	89.6	89.6	89.7	90.3	90.4	90.4	91.5	
GE 1200	57.4	67.4	71.8	80.2	81.7	85.4	87.5	89.2	90.0	90.0	90.1	90.6	90.7	90.7	91.9	
GE 1000	57.6	67.8	72.2	80.6	82.2	85.8	88.0	89.6	90.4	90.4	90.5	91.1	91.2	91.2	92.3	
GE 900	57.6	67.8	72.2	80.6	82.2	85.8	88.0	89.6	90.4	90.4	90.5	91.1	91.2	91.2	92.3	
GE 800	58.2	68.7	73.1	81.7	83.3	87.4	89.5	91.2	92.0	92.0	92.1	92.6	92.8	92.8	93.9	
GE 700	58.2	68.7	73.1	82.2	83.7	87.8	90.0	91.6	92.4	92.4	92.5	93.1	93.2	93.2	94.3	
GE 600	58.3	69.9	73.4	82.4	84.1	88.4	90.5	92.2	93.2	93.3	93.4	94.0	94.1	94.1	95.2	
GE 500	58.5	69.1	73.6	82.7	84.4	88.9	91.1	92.8	93.9	94.3	94.4	95.1	95.2	95.2	96.3	
GE 400	59.0	69.6	74.1	83.4	85.1	89.6	92.0	93.6	95.1	95.7	95.8	96.4	96.5	96.7	97.8	
GE 300	59.1	69.8	74.4	83.8	85.5	90.1	92.4	94.2	95.9	96.5	96.7	97.5	97.7	97.8	98.9	
GE 200	59.1	69.8	74.4	83.8	85.5	90.1	92.4	94.2	96.0	96.7	96.8	97.8	97.9	98.1	99.4	
GE 100	59.1	69.8	74.4	83.9	85.5	90.1	92.4	94.2	96.0	96.7	96.8	98.0	98.1	98.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (OREA)

PERIOD OF RECORD: 77-86
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	19.6	24.7	29.5	36.8	38.8	42.6	45.5	46.9	48.2	48.9	49.5	50.3	50.5	50.8	52.3	
GE 20000	21.1	27.1	33.1	41.8	44.1	48.3	51.6	53.3	54.6	55.7	56.3	57.2	57.4	57.7	59.2	
GE 18000	21.1	27.1	33.2	42.0	44.4	48.5	52.1	53.7	55.1	56.2	56.7	57.6	57.9	58.2	59.6	
GE 16000	21.1	27.1	33.3	42.1	44.5	48.7	52.3	54.0	55.3	56.4	57.0	57.9	58.1	58.4	59.9	
GE 14000	21.5	27.6	34.0	42.8	45.2	49.4	53.0	54.6	56.0	57.2	57.7	58.6	58.9	59.2	60.6	
GE 12000	22.2	28.3	34.9	43.8	46.2	50.4	54.1	55.7	57.3	58.5	59.1	60.0	60.2	60.5	62.0	
GE 10000	23.2	29.5	36.5	46.2	48.5	52.8	56.9	58.5	60.2	61.5	62.1	63.0	63.2	63.5	65.0	
GE 9000	23.3	29.9	36.8	46.6	48.9	53.3	57.3	59.0	60.6	62.0	62.5	63.4	63.7	64.0	65.4	
GE 8000	25.8	32.8	40.1	50.3	53.0	57.4	61.5	63.3	65.2	66.6	67.1	68.1	68.3	68.7	70.1	
GE 7000	27.1	34.3	41.7	52.5	55.2	60.0	64.1	65.9	67.8	69.1	69.7	70.7	70.9	71.2	72.7	
GE 6000	27.1	34.3	41.7	52.6	55.3	60.1	64.2	66.0	67.9	69.2	69.8	70.8	71.0	71.3	72.8	
GE 5000	28.3	35.9	43.7	55.0	57.6	62.8	66.9	68.7	70.6	71.9	72.5	73.5	73.7	74.0	75.5	
GE 4500	28.3	35.9	43.7	55.0	57.6	62.8	66.9	68.7	70.6	71.9	72.5	73.5	73.7	74.0	75.5	
GE 4000	30.9	38.7	46.8	59.3	62.0	67.2	71.6	73.6	75.6	76.9	77.5	78.5	78.7	79.0	80.5	
GE 3500	31.5	39.8	48.0	60.8	63.4	68.7	73.0	75.0	77.0	78.4	78.9	79.9	80.2	80.5	81.9	
GE 3000	33.3	41.7	50.1	63.3	66.1	71.7	76.1	78.3	80.4	81.7	82.3	83.3	83.5	83.8	85.4	
GE 2500	33.7	42.4	50.7	64.2	67.2	72.8	77.4	79.8	81.9	83.3	83.8	84.8	85.1	85.4	87.0	
GE 2000	34.8	43.6	52.1	65.9	69.0	74.6	79.3	81.7	83.8	85.2	85.7	86.7	87.0	87.3	88.9	
GE 1800	35.0	43.8	52.3	66.2	69.3	74.9	79.6	82.1	84.2	85.5	86.1	87.1	87.3	87.6	89.2	
GE 1500	35.6	44.6	53.1	67.2	70.3	76.1	80.8	83.3	85.4	86.8	87.5	88.5	88.7	89.1	90.6	
GE 1200	35.6	44.6	53.1	67.4	70.7	76.5	81.2	83.6	85.7	87.2	87.8	88.9	89.1	89.4	91.0	
GE 1000	35.8	45.3	53.7	68.1	71.3	77.4	82.2	84.6	86.7	88.2	88.9	89.9	90.1	90.4	92.0	
GE 900	35.8	45.4	53.8	68.2	71.5	77.6	82.4	84.8	87.0	88.4	89.1	90.1	90.3	90.6	92.2	
GE 800	35.9	45.5	54.3	69.6	72.8	79.3	84.2	86.6	88.7	90.2	90.9	92.0	92.2	92.5	94.1	
GE 700	36.2	45.8	54.6	70.0	73.5	79.9	84.8	87.3	89.4	90.9	91.5	92.6	92.9	93.2	94.8	
GE 600	36.2	45.8	54.6	70.0	73.6	80.2	85.2	87.8	90.1	91.8	92.4	93.5	93.8	94.1	95.7	
GE 500	36.2	45.8	54.6	70.1	73.8	80.5	85.7	88.5	91.1	92.9	93.5	94.6	94.9	95.2	96.8	
GE 400	36.2	45.8	54.6	70.3	74.0	80.8	86.3	89.1	91.8	93.5	94.2	95.3	95.5	95.9	97.4	
GE 300	36.2	45.8	54.6	70.3	74.0	80.8	86.4	89.3	92.2	94.1	94.8	96.1	96.3	96.7	98.8	
GE 200	36.2	45.8	54.6	70.3	74.0	80.8	86.4	89.3	92.2	94.2	94.9	96.3	96.5	96.9	99.4	
GE 100	36.2	45.8	54.6	70.3	74.0	80.8	86.4	89.3	92.3	94.3	95.0	96.4	96.7	97.0	100.0	
GE 0	36.2	45.8	54.6	70.3	74.0	80.8	86.4	89.3	92.3	94.3	95.0	96.4	96.7	97.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.1	44.3	47.7	50.4	52.0	52.2	52.7	52.9	52.9	53.1	53.1	53.2	53.3	53.3	53.3	53.3
GE 20000	46.2	51.2	55.7	59.1	60.8	61.6	62.1	62.6	62.6	62.8	62.8	62.9	63.0	63.0	63.1	63.1
GE 18000	46.7	51.8	56.3	59.9	61.6	62.3	62.9	63.3	63.3	63.6	63.6	63.7	63.8	63.8	63.9	63.9
GE 16000	47.1	52.2	56.9	60.4	62.1	62.9	63.4	63.9	63.9	64.1	64.1	64.2	64.3	64.3	64.4	64.4
GE 14000	47.4	52.7	57.4	61.0	62.7	63.4	64.0	64.4	64.4	64.7	64.7	64.8	64.9	64.9	65.0	65.0
GE 12000	48.1	53.3	58.3	62.0	63.7	64.4	65.0	65.4	65.4	65.7	65.7	65.8	65.9	65.9	66.0	66.0
GE 10000	49.2	54.7	60.0	63.8	65.4	66.3	67.1	67.6	67.6	67.8	67.8	67.9	68.0	68.0	68.1	68.1
GE 9000	49.3	54.8	60.1	63.9	65.6	66.4	67.2	67.7	67.7	68.0	68.0	68.1	68.2	68.2	68.3	68.3
GE 8000	51.9	57.3	63.1	67.1	68.8	70.3	71.1	71.6	71.6	71.9	71.9	72.0	72.1	72.1	72.2	72.2
GE 7000	53.0	58.6	64.9	68.9	70.6	72.1	72.9	73.3	73.3	73.7	73.7	73.8	73.9	73.9	74.0	74.0
GE 6000	53.6	59.4	65.6	69.6	71.2	72.8	73.6	74.0	74.0	74.3	74.4	74.6	74.7	74.7	74.8	74.8
GE 5000	54.6	60.4	66.7	70.7	72.3	73.9	74.7	75.1	75.2	75.6	75.7	75.8	75.9	75.9	76.0	76.0
GE 4000	54.8	60.7	66.9	70.9	72.6	74.1	74.9	75.3	75.4	75.8	75.9	76.0	76.1	76.1	76.2	76.2
GE 4000	57.9	63.9	70.6	74.8	76.4	78.0	78.9	79.3	79.4	79.8	79.9	80.0	80.1	80.1	80.2	80.2
GE 3000	59.2	65.6	72.6	76.6	78.6	80.1	81.0	81.4	81.6	81.9	82.0	82.1	82.2	82.2	82.3	82.3
GE 3000	62.2	68.6	76.2	80.8	82.6	84.2	85.1	85.6	85.8	86.1	86.2	86.4	86.6	86.6	86.7	86.7
GE 2500	62.3	68.7	76.4	81.2	83.0	84.7	85.7	86.1	86.3	86.7	86.8	87.0	87.1	87.1	87.2	87.2
GE 2000	63.3	69.8	77.7	83.0	84.8	86.4	87.4	87.9	88.1	88.4	88.6	88.8	88.9	88.9	89.0	89.0
GE 1800	63.7	70.1	78.0	83.3	85.1	86.8	87.8	88.2	88.4	88.8	88.9	89.1	89.2	89.2	89.3	89.3
GE 1500	64.8	71.3	79.2	84.7	86.4	88.3	89.4	90.0	90.2	90.6	90.7	90.9	91.0	91.0	91.1	91.1
GE 1200	65.2	71.9	80.0	85.7	87.4	89.3	90.4	91.0	91.2	91.6	91.7	91.9	92.0	92.0	92.1	92.1
GE 1000	66.0	73.1	81.6	87.4	89.3	91.2	92.3	92.9	93.1	93.4	93.6	93.8	93.9	93.9	94.0	94.0
GE 900	66.2	73.3	81.8	87.7	89.8	91.7	92.8	93.3	93.6	93.9	94.0	94.2	94.3	94.3	94.4	94.4
GE 800	66.3	73.7	82.2	88.3	90.7	92.8	94.2	94.8	95.0	95.3	95.6	95.8	95.9	95.9	96.1	96.1
GE 700	66.8	74.2	82.9	89.2	91.6	93.8	95.6	96.1	96.3	96.4	96.9	97.0	97.2	97.3	97.3	97.6
GE 600	66.9	74.3	83.2	89.6	92.0	94.2	96.0	96.7	97.0	97.4	97.7	97.9	98.0	98.0	98.2	98.2
GE 500	66.9	74.4	83.3	89.7	92.1	94.3	96.2	96.9	97.2	97.7	97.9	98.2	98.4	98.4	98.7	98.7
GE 400	66.9	74.4	83.3	89.9	92.3	94.7	96.6	97.3	97.7	98.2	98.4	98.8	99.0	99.0	99.2	99.2
GE 300	66.9	74.4	83.3	89.9	92.3	94.7	96.7	97.6	98.0	98.6	98.9	99.4	99.7	99.7	99.9	99.9
GE 200	66.9	74.4	83.3	89.9	92.3	94.7	96.7	97.6	98.0	98.6	98.9	99.4	99.7	99.7	99.9	99.9
GE 100	66.9	74.4	83.3	89.9	92.3	94.7	96.7	97.6	98.0	98.6	98.9	99.4	99.7	99.7	99.9	99.9
GE 0	66.9	74.4	83.3	89.9	92.4	94.8	96.8	97.7	98.1	98.7	99.0	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
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																
GE 20000	63.6	65.9	66.8	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 18000	64.9	67.3	68.2	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 16000	64.9	67.3	68.2	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	65.3	67.8	68.7	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 12000	66.2	68.8	69.7	70.0	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 10000	68.7	71.2	72.1	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	69.1	71.7	72.6	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	71.8	74.4	75.5	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 7000	73.7	75.6	77.7	78.1	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	74.2	77.1	78.2	78.7	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 5000	75.3	78.2	79.3	79.8	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	75.4	78.3	79.4	79.9	80.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	79.1	82.2	83.4	84.0	84.1	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3500	79.8	82.9	84.1	84.7	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	84.3	88.0	89.2	90.0	90.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	84.9	89.0	90.2	91.4	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	85.3	89.7	91.3	92.6	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	85.4	89.9	91.6	92.9	92.9	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1500	86.6	91.3	93.1	94.4	94.7	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	86.8	91.6	93.4	94.9	95.2	95.7	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	87.9	92.4	94.4	96.7	97.0	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	87.9	92.8	94.9	96.7	97.0	97.7	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	87.9	92.8	94.9	96.7	97.0	97.7	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	88.0	93.2	95.3	97.3	97.7	98.3	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	88.0	93.2	95.3	97.4	97.8	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	88.0	93.2	95.3	97.6	97.9	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	88.0	93.3	95.4	97.7	98.0	98.7	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	88.0	93.3	95.4	97.7	98.0	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.0	93.3	95.4	97.7	98.0	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.0	93.3	95.4	97.7	98.0	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	88.0	93.3	95.4	97.7	98.0	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: APR HOURS/LSH: 1500-1700

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 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 CEILING	54.4	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 20000	65.4	67.2	67.3	67.6	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0
GE 18000	68.2	70.0	70.1	70.3	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8
GE 16000	68.2	70.0	70.1	70.3	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8
GE 14000	68.7	70.4	70.6	70.8	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2
GE 12000	70.2	72.0	72.1	72.3	72.3	72.3	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9
GE 10000	72.7	74.7	74.8	75.0	75.0	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6
GE 9000	73.2	75.2	75.3	75.6	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1
GE 8000	76.9	78.9	79.3	79.6	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1
GE 7000	78.0	80.0	80.4	80.7	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
GE 6000	78.4	80.4	81.0	81.2	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8
GE 5000	80.0	82.1	82.7	82.9	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4
GE 4500	80.3	82.4	83.0	83.2	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8
GE 4000	83.1	85.2	85.9	86.3	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9
GE 3500	84.3	86.4	87.2	87.7	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2
GE 3000	87.0	89.3	90.1	90.7	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4
GE 2500	88.1	90.4	91.2	91.8	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
GE 2000	89.4	92.0	92.9	93.4	93.6	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
GE 1800	89.6	92.1	93.0	93.9	94.1	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9
GE 1600	90.2	93.1	94.1	95.1	95.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
GE 1400	91.2	94.1	95.1	96.1	96.3	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
GE 1200	91.2	94.1	95.1	96.1	96.3	96.6	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
GE 1000	91.2	94.1	95.1	96.1	96.3	96.6	97.2	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
GE 900	91.4	94.3	95.3	96.6	96.8	97.4	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
GE 800	91.4	94.3	95.3	96.6	96.8	97.4	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
GE 700	91.4	94.4	95.7	96.5	97.1	97.8	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
GE 600	91.7	94.7	95.9	97.1	97.3	98.0	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0
GE 500	91.7	94.7	95.9	97.1	97.3	98.0	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0
GE 400	91.7	94.7	95.9	97.1	97.3	98.0	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0
GE 300	91.7	94.7	95.9	97.1	97.3	98.0	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0
GE 200	91.7	94.7	95.9	97.1	97.3	98.0	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0
GE 100	91.7	94.7	95.9	97.1	97.3	98.0	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0
GE 0	91.7	94.7	95.9	97.1	97.3	98.0	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 231

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

PERIOD OF RECORD: 77-86
 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	55.2	56.9	57.9	58.6	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 20000	63.8	65.9	66.9	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 18000	65.7	67.8	68.8	69.4	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 16000	65.8	67.9	68.9	69.6	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 14000	66.6	68.7	69.7	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 12000	68.3	70.6	71.6	72.2	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000	72.1	74.7	75.7	76.3	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 9000	72.8	75.3	76.3	77.0	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	75.8	78.3	79.6	80.3	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	76.4	79.2	80.6	81.3	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 6000	77.0	80.0	81.3	82.1	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	78.0	81.0	82.4	83.2	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	78.2	81.3	82.8	83.6	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	81.0	84.2	85.7	86.6	86.8	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	82.0	85.2	86.7	87.6	87.8	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	83.6	86.8	88.3	89.6	89.8	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	84.1	87.4	89.1	90.3	90.6	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2000	84.6	88.3	90.1	91.4	92.1	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	84.7	88.6	90.3	91.7	92.3	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	85.4	89.6	91.7	93.0	93.7	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	85.8	90.0	92.1	93.4	94.2	95.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	85.8	90.1	92.3	93.7	94.6	95.6	96.3	96.3	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6
GE 900	85.9	90.2	92.4	93.9	94.8	95.8	96.6	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 800	85.9	90.3	92.8	94.2	95.1	96.2	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 700	86.0	90.6	93.0	94.4	95.3	96.6	97.6	97.6	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0
GE 600	86.2	90.9	93.4	94.8	95.8	97.0	98.1	98.1	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6
GE 500	86.2	91.1	93.8	95.3	96.2	97.6	98.8	98.8	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2
GE 400	86.2	91.2	94.0	95.9	96.8	98.1	99.3	99.3	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 300	86.2	91.2	94.0	95.9	96.9	98.3	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	86.2	91.2	94.0	95.9	96.9	98.3	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	86.2	91.2	94.0	95.9	96.9	98.3	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL]	54.9	59.0	60.3	61.8	62.0	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000]	60.4	64.4	67.0	68.4	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 18000]	60.9	64.9	67.4	68.9	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000]	61.0	65.0	67.6	69.0	69.2	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 14000]	62.8	67.0	69.6	71.1	71.3	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 12000]	66.7	71.0	73.6	75.1	75.3	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 9000]	67.2	71.6	74.1	75.8	76.0	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 8000]	70.0	74.3	76.9	78.6	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000]	70.3	74.7	77.2	79.0	79.2	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 6000]	70.7	75.1	77.7	79.4	79.7	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000]	71.6	76.0	78.9	80.7	80.9	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4500]	71.8	76.2	79.1	80.9	81.1	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000]	75.8	80.3	83.4	85.4	85.7	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3500]	76.3	81.1	84.2	86.3	86.6	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3000]	77.6	82.8	86.1	88.3	88.6	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2500]	78.4	83.7	87.1	89.3	89.6	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000]	78.9	84.4	88.0	90.4	91.0	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800]	79.0	84.7	88.2	91.0	91.2	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1500]	79.4	85.4	89.1	92.0	92.3	93.4	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200]	79.8	85.9	89.6	92.4	92.8	93.9	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000]	80.0	86.3	90.0	93.1	93.4	94.6	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 900]	80.3	86.7	90.3	93.4	93.8	94.9	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 800]	81.0	87.4	91.1	94.2	94.6	95.8	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 700]	81.4	87.9	91.6	94.7	95.0	96.3	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 600]	82.2	88.7	92.6	95.7	96.0	97.3	98.0	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2
GE 500]	82.4	89.2	93.1	96.3	97.0	98.3	99.0	99.0	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3
GE 400]	82.4	89.2	93.1	96.3	97.0	98.3	99.0	99.0	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6
GE 300]	82.6	89.4	93.3	96.6	97.3	98.7	99.3	99.3	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9
GE 200]	82.6	89.4	93.3	96.6	97.3	98.7	99.3	99.3	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0
GE 100]	82.6	89.4	93.3	96.6	97.3	98.7	99.3	99.3	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0
GE 0]	82.6	89.4	93.3	96.6	97.3	98.7	99.3	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

PERIOD OF RECORD: 77-86
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	45.1	48.3	50.5	53.3	54.0	55.1	55.7	56.2	56.4	56.6	56.7	56.8	56.9	57.0	57.3	
GE 20000	51.6	55.5	58.0	61.4	62.2	63.4	64.2	64.7	65.0	65.2	65.2	65.4	65.5	65.6	65.9	
GE 18000	52.5	56.5	59.1	62.5	63.3	64.5	65.3	65.8	66.1	66.3	66.4	66.6	66.6	66.7	67.0	
GE 16000	52.6	55.6	59.2	62.6	63.4	64.6	65.4	65.9	66.2	66.4	66.5	66.7	66.7	66.8	67.1	
GE 14000	53.0	57.1	59.7	63.0	63.9	65.1	65.9	66.4	66.7	66.9	67.0	67.2	67.2	67.3	67.6	
GE 12000	54.2	58.4	61.1	64.5	65.3	66.6	67.4	67.9	68.2	68.4	68.5	68.7	68.8	68.8	69.2	
GE 10000	56.5	60.9	63.7	67.3	68.1	69.5	70.4	70.9	71.2	71.4	71.5	71.7	71.8	71.9	72.2	
GE 9000	56.9	61.3	64.1	67.7	68.6	69.9	70.8	71.3	71.6	71.9	72.0	72.1	72.2	72.3	72.6	
GE 8000	59.8	64.5	67.5	71.2	72.1	73.6	74.6	75.1	75.5	75.7	75.8	76.0	76.1	76.1	76.5	
GE 7000	60.9	65.7	68.8	72.7	73.6	75.1	76.1	76.6	77.0	77.2	77.3	77.5	77.6	77.6	78.0	
GE 6000	61.2	65.1	69.3	73.1	74.0	75.6	76.5	77.0	77.4	77.6	77.7	77.9	78.1	78.1	78.4	
GE 5000	62.3	67.3	70.6	74.5	75.4	77.0	78.0	78.5	79.8	79.1	79.2	79.4	79.5	79.5	79.9	
GE 4500	62.6	67.6	70.9	74.8	75.7	77.3	78.3	78.8	79.2	79.4	79.5	79.7	79.8	79.8	80.2	
GE 4000	65.6	70.9	74.5	78.8	79.6	81.3	82.4	83.0	83.4	83.6	83.7	83.9	84.0	84.0	84.4	
GE 3500	66.5	71.9	75.6	80.0	80.9	82.5	83.7	84.2	84.6	84.8	84.9	85.1	85.2	85.3	85.6	
GE 3000	68.9	74.5	78.4	83.0	84.0	85.8	87.0	87.5	87.9	88.2	88.3	88.5	88.5	88.6	89.0	
GE 2500	69.5	75.3	79.3	84.1	85.0	86.9	88.1	88.7	89.1	89.4	89.5	89.7	89.8	89.8	90.2	
GE 2000	70.3	76.3	80.4	85.5	86.5	88.4	89.7	90.3	90.7	90.9	91.1	91.3	91.4	91.4	91.8	
GE 1800	70.4	76.5	80.6	85.7	86.7	88.6	90.0	90.5	91.0	91.2	91.3	91.6	91.6	91.7	92.0	
GE 1500	71.1	77.3	81.5	86.8	87.9	90.0	91.4	92.0	92.5	92.7	92.9	93.1	93.1	93.2	93.6	
GE 1200	71.5	77.8	82.0	87.3	88.5	90.5	92.0	92.7	93.1	93.4	93.5	93.7	93.8	93.9	94.2	
GE 1000	71.8	78.3	82.7	88.1	89.3	91.4	92.9	93.5	94.0	94.3	94.4	94.6	94.7	94.8	95.1	
GE 900	71.9	78.4	82.8	88.2	89.4	91.6	93.0	93.7	94.2	94.5	94.6	94.8	94.9	95.0	95.3	
GE 800	72.2	78.8	83.2	88.8	90.1	92.4	93.9	94.6	95.1	95.4	95.5	95.8	95.8	95.9	96.3	
GE 700	72.4	79.1	83.5	89.3	90.5	92.9	94.5	95.2	95.7	95.9	96.1	96.4	96.4	96.5	96.9	
GE 600	72.6	79.3	83.9	89.6	91.0	93.4	95.1	95.8	96.4	96.7	96.8	97.1	97.2	97.3	97.6	
GE 500	72.7	79.5	84.1	90.0	91.4	93.8	95.6	96.3	97.0	97.4	97.5	97.8	97.9	98.0	98.3	
GE 400	72.7	79.6	84.2	90.3	91.7	94.2	96.0	96.7	97.5	97.9	98.1	98.4	98.5	98.6	98.9	
GE 300	72.8	79.7	84.3	90.4	91.9	94.4	96.3	97.1	97.9	98.4	98.5	99.0	99.1	99.2	99.6	
GE 200	72.8	79.7	84.3	90.4	91.9	94.4	96.3	97.1	97.9	98.4	98.6	99.1	99.2	99.3	99.8	
GE 100	72.8	79.7	84.3	90.4	91.9	94.4	96.3	97.1	97.9	98.5	98.6	99.1	99.2	99.3	100.0	
GE 0	72.8	79.7	84.3	90.4	91.9	94.4	96.3	97.1	98.0	98.5	98.7	99.2	99.3	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	49.4	55.9	58.5	61.7	62.3	62.8	63.2	63.3	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	
GE 20000	55.3	62.0	65.2	69.1	69.7	70.2	70.6	70.8	71.1	71.2	71.2	71.6	71.6	71.6	71.6	71.6	
GE 18000	55.6	62.4	65.5	69.5	70.0	70.5	71.0	71.1	71.4	71.5	71.5	71.9	71.9	71.9	71.9	71.9	
GE 16000	55.6	62.4	65.6	69.6	70.1	70.6	71.1	71.2	71.5	71.6	71.6	72.0	72.0	72.0	72.0	72.0	
GE 14000	55.6	62.5	65.8	69.8	70.3	70.9	71.3	71.4	71.7	71.8	71.8	72.3	72.3	72.3	72.3	72.3	
GE 12000	56.7	63.5	67.2	71.3	71.8	72.4	72.8	72.9	73.2	73.3	73.3	73.8	73.8	73.8	73.8	73.8	
GE 10000	59.1	66.3	70.0	74.3	74.8	75.4	75.8	75.9	76.2	76.3	76.3	76.8	76.8	76.8	76.8	76.8	
GE 9000	59.4	66.6	70.2	74.5	75.1	75.6	76.0	76.1	76.5	76.6	76.6	77.0	77.0	77.0	77.0	77.0	
GE 8000	61.4	68.6	72.6	77.1	77.6	78.2	78.6	78.7	79.0	79.1	79.1	79.6	79.6	79.6	79.6	79.6	
GE 7000	61.4	68.8	72.9	78.2	78.7	79.2	79.8	79.9	80.2	80.3	80.3	80.8	80.8	80.8	80.8	80.8	
GE 6000	61.5	69.9	73.0	78.3	78.8	79.4	79.9	80.0	80.3	80.4	80.4	80.9	80.9	80.9	80.9	80.9	
GE 5000	62.2	69.9	74.1	79.5	80.0	80.5	81.1	81.2	81.5	81.6	81.6	82.0	82.0	82.0	82.0	82.0	
GE 4500	62.2	69.9	74.1	79.5	80.0	80.5	81.1	81.2	81.5	81.6	81.6	82.0	82.0	82.0	82.0	82.0	
GE 4000	64.1	72.0	76.2	81.6	82.2	83.1	83.7	83.8	84.3	84.4	84.4	84.8	84.8	84.8	84.8	84.8	
GE 3500	64.8	73.0	77.2	82.9	83.4	84.4	84.9	85.1	85.7	85.8	85.8	86.2	86.2	86.2	86.2	86.2	
GE 3000	67.8	76.5	80.9	86.9	87.4	88.5	89.0	89.1	89.8	89.9	89.9	90.3	90.3	90.3	90.3	90.3	
GE 2500	68.5	77.2	81.6	87.5	88.3	89.4	90.0	90.1	91.0	91.1	91.1	91.5	91.5	91.5	91.5	91.5	
GE 2000	68.7	77.4	82.2	88.2	89.0	90.1	90.8	90.9	91.7	91.8	91.8	92.3	92.3	92.3	92.3	92.3	
GE 1800	68.9	77.6	82.4	88.4	89.2	90.3	91.0	91.1	92.0	92.2	92.2	92.6	92.6	92.6	92.6	92.6	
GE 1500	69.7	79.5	83.3	89.6	90.5	91.6	92.3	92.4	93.3	93.4	93.4	93.9	93.9	93.9	93.9	93.9	
GE 1200	70.0	79.0	84.2	90.4	91.4	92.5	93.1	93.2	94.2	94.3	94.3	94.7	94.7	94.7	94.7	94.7	
GE 1000	70.1	79.1	84.4	90.9	91.9	93.2	94.0	94.1	95.1	95.2	95.2	95.6	95.6	95.6	95.6	95.6	
GE 900	70.1	79.1	84.4	90.9	91.9	93.2	94.0	94.1	95.1	95.2	95.2	95.6	95.6	95.6	95.6	95.6	
GE 800	70.3	79.4	84.6	91.3	92.4	93.7	94.4	94.5	95.5	95.6	95.6	96.0	96.0	96.0	96.0	96.0	
GE 700	70.3	79.4	84.6	91.5	92.6	93.9	95.2	95.3	96.2	96.3	96.3	96.8	96.8	96.8	96.8	96.8	
GE 600	70.3	79.4	84.6	91.5	92.6	93.9	95.4	95.5	96.5	96.6	96.6	97.0	97.0	97.0	97.0	97.0	
GE 500	70.4	79.6	84.9	91.9	93.1	94.6	96.1	96.2	97.2	97.3	97.3	97.7	97.7	97.7	97.7	97.7	
GE 400	70.6	79.9	85.4	92.4	93.7	95.4	97.0	97.1	98.1	98.2	98.2	98.6	98.6	98.6	98.6	98.6	
GE 300	70.6	79.9	85.4	92.5	93.8	95.6	97.5	97.6	98.6	98.7	98.8	99.2	99.2	99.2	99.2	99.2	
GE 200	70.6	79.9	85.4	92.5	93.8	95.6	97.5	97.6	98.8	98.9	99.0	99.5	99.5	99.5	99.5	99.5	
GE 100	70.6	79.9	85.4	92.5	93.8	95.6	97.5	97.6	98.8	98.9	99.0	99.5	99.5	99.5	99.5	99.5	
GE 0	70.6	79.9	85.4	92.5	93.8	95.6	97.5	97.6	98.8	98.9	99.0	99.5	99.5	99.5	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 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		31.5	38.1	44.3	52.3	52.9	55.3	56.6	57.5	58.5	59.2	59.4	59.7	59.8	60.0	60.2
GE 20000		34.8	41.7	48.3	57.5	58.5	61.1	62.5	63.4	64.5	65.3	65.4	65.8	66.0	66.2	66.5
GE 18000		35.1	42.0	48.8	58.2	59.1	61.7	63.1	64.1	65.2	65.9	66.0	66.5	66.7	66.9	67.1
GE 16000		35.1	42.0	48.9	58.4	59.4	61.9	63.4	64.4	65.5	66.2	66.3	66.8	67.0	67.2	67.4
GE 14000		35.2	42.2	49.0	58.5	59.5	62.0	63.5	64.5	65.6	66.3	66.5	66.9	67.1	67.3	67.5
GE 12000		35.4	42.5	49.4	59.0	60.2	62.8	64.3	65.3	66.3	67.1	67.2	67.6	67.8	68.1	68.3
GE 10000		38.6	45.6	53.8	64.3	65.6	68.4	69.9	70.9	71.9	72.7	72.8	73.2	73.4	73.7	73.9
GE 9000		38.8	45.8	54.0	64.5	65.8	68.6	70.2	71.2	72.3	73.0	73.1	73.5	73.8	74.0	74.2
GE 8000		40.6	48.6	56.0	66.8	68.1	70.9	72.5	73.4	74.5	75.3	75.4	75.8	76.0	76.2	76.5
GE 7000		40.6	48.6	56.0	66.8	68.1	71.0	73.0	74.0	75.1	75.8	75.9	76.3	76.6	76.8	77.0
GE 6000		41.1	49.0	56.6	67.3	68.6	71.5	73.5	74.5	75.6	76.3	76.5	76.9	77.1	77.3	77.5
GE 5000		42.0	50.2	57.7	68.9	70.2	73.1	75.2	76.1	77.2	78.0	78.1	78.5	78.7	78.9	79.1
GE 4500		42.2	50.4	58.0	69.2	70.5	73.4	75.5	76.5	77.5	78.3	78.4	78.8	79.0	79.2	79.5
GE 4000		43.5	51.8	59.6	71.0	72.3	75.4	77.5	78.5	79.6	80.3	80.4	80.9	81.1	81.3	81.5
GE 3500		44.0	52.4	60.1	71.7	73.0	76.1	78.3	79.2	80.3	81.1	81.2	81.6	81.8	82.0	82.3
GE 3000		46.9	55.6	63.8	75.9	77.4	81.3	83.4	84.4	85.5	86.2	86.3	86.8	87.0	87.2	87.4
GE 2500		47.3	55.1	64.5	76.7	78.3	82.4	84.5	85.5	86.6	87.3	87.4	87.8	88.1	88.3	88.5
GE 2000		47.5	55.3	64.8	77.0	78.8	82.9	85.3	86.3	87.4	88.2	88.3	88.7	88.9	89.1	89.4
GE 1800		47.7	55.6	65.1	77.2	79.0	83.1	85.5	86.6	87.6	88.4	88.5	88.9	89.1	89.4	89.6
GE 1500		48.5	57.4	65.9	78.5	80.6	84.7	87.1	88.2	89.4	90.1	90.2	90.6	90.9	91.1	91.3
GE 1200		48.8	58.0	66.6	79.1	81.4	85.9	88.3	89.4	90.5	91.3	91.4	91.9	92.2	92.4	92.6
GE 1000		49.2	58.5	67.2	79.8	82.0	86.7	89.0	90.1	91.4	92.2	92.3	92.8	93.0	93.2	93.8
GE 900		49.2	58.5	67.2	79.8	82.0	86.7	89.0	90.1	91.4	92.2	92.3	92.8	93.0	93.2	93.8
GE 800		49.4	58.6	67.4	80.1	82.5	87.1	89.8	90.9	92.2	92.9	93.0	93.5	93.8	94.0	94.5
GE 700		49.4	58.6	67.5	80.2	82.6	87.2	89.9	91.0	92.3	93.0	93.1	93.7	93.9	94.1	94.6
GE 600		49.5	58.7	67.7	80.5	82.9	87.5	90.2	91.4	92.8	93.5	93.7	94.2	94.4	94.6	95.2
GE 500		49.9	59.2	68.3	81.2	83.5	88.3	91.9	93.2	94.7	95.5	95.6	96.1	96.3	96.6	97.1
GE 400		49.9	59.2	68.5	81.5	83.9	88.6	92.3	93.5	95.2	95.9	96.0	96.6	96.8	97.0	97.5
GE 300		49.9	59.2	68.5	81.5	83.9	88.9	92.8	94.1	95.8	96.6	96.7	97.2	97.4	97.7	98.3
GE 200		49.9	59.2	68.5	81.5	83.9	88.9	92.8	94.1	96.0	96.9	97.0	98.1	98.4	98.7	99.2
GE 100		49.9	59.2	68.5	81.5	83.9	89.9	92.8	94.1	96.0	96.9	97.0	98.1	98.4	98.8	99.9
GE 0		49.9	59.2	68.5	81.5	83.9	88.9	92.8	94.1	96.0	96.9	97.0	98.1	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: MAY 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	17.7	23.4	27.5	35.7	37.6	42.2	45.9	47.2	48.9	49.9	50.3	51.0	51.2	51.5	51.7		
GE 20000	21.3	29.1	32.9	42.0	44.3	49.2	53.2	54.5	56.3	57.4	57.8	58.7	58.9	59.2	59.7		
GE 18000	21.5	29.3	33.3	42.7	45.1	50.0	54.0	55.3	57.1	58.3	58.7	59.6	59.8	60.1	60.6		
GE 16000	21.5	29.3	33.3	42.9	45.3	50.3	54.3	55.6	57.4	58.6	59.0	59.9	60.1	60.4	61.0		
GE 14000	21.6	29.4	33.4	43.0	45.4	50.5	54.6	55.9	57.7	58.9	59.4	60.2	60.4	60.8	61.3		
GE 12000	22.2	29.0	34.6	44.3	46.7	51.8	55.9	57.2	59.0	60.2	60.6	61.6	61.8	62.3	62.8		
GE 10000	23.8	31.4	37.3	47.5	50.0	55.3	59.7	61.2	63.3	64.5	64.9	65.9	66.1	66.6	67.2		
GE 9000	24.0	31.6	37.5	47.7	50.2	55.5	60.1	61.6	63.8	64.9	65.4	66.3	66.6	67.0	67.6		
GE 8000	25.9	33.9	39.9	50.4	53.1	58.7	63.5	65.2	67.4	68.6	69.0	70.0	70.2	70.6	71.3		
GE 7000	26.1	34.1	40.2	51.2	53.9	59.6	64.4	66.1	68.5	70.0	70.4	71.4	71.6	72.0	72.7		
GE 6000	26.3	34.3	40.4	51.4	54.1	59.8	64.6	66.3	68.7	70.2	70.6	71.6	71.8	72.3	72.9		
GE 5000	27.1	35.6	41.8	53.0	55.7	61.5	66.5	68.2	70.5	72.0	72.5	73.4	73.7	74.1	74.7		
GE 4500	27.4	36.1	42.5	53.7	56.3	62.2	67.1	68.8	71.2	72.7	73.1	74.1	74.3	74.7	75.4		
GE 4000	28.8	37.6	44.3	56.2	58.9	64.7	69.9	71.7	74.1	75.6	76.0	77.0	77.2	77.6	78.3		
GE 3500	29.6	39.5	45.4	57.6	60.3	66.1	71.5	73.3	75.7	77.3	77.7	79.7	79.9	79.4	80.0		
GE 3000	31.3	40.6	47.7	60.3	63.1	69.6	75.5	77.3	79.6	81.4	81.8	82.8	83.0	83.4	84.1		
GE 2500	31.8	41.2	48.3	61.0	63.9	70.3	76.2	78.2	80.6	82.4	82.9	83.9	84.1	84.5	85.2		
GE 2000	32.4	41.8	48.9	62.0	65.1	71.5	77.5	79.7	82.3	84.1	84.6	85.6	85.8	86.2	86.9		
GE 1800	32.4	41.8	49.0	62.2	65.2	71.6	77.6	79.8	82.4	84.2	84.7	85.7	85.9	86.3	87.0		
GE 1500	32.8	42.4	49.6	62.8	65.8	72.4	78.5	80.6	83.2	85.1	85.6	86.6	86.8	87.2	87.8		
GE 1200	33.5	43.3	50.5	64.0	67.1	73.8	79.9	82.0	84.6	86.5	87.0	88.0	88.2	88.6	89.2		
GE 1000	33.9	43.9	51.2	64.7	67.8	74.5	80.9	83.0	85.6	87.4	88.0	89.7	89.1	89.6	90.2		
GE 900	34.1	44.1	51.5	65.3	68.4	75.1	81.4	83.5	86.1	88.0	88.5	89.5	89.7	90.1	90.8		
GE 800	34.1	44.1	51.7	65.5	68.8	75.6	82.0	84.2	86.8	88.7	89.2	90.2	90.4	90.9	91.5		
GE 700	34.3	44.3	52.0	65.9	69.4	76.1	82.6	85.1	87.7	89.7	90.2	91.2	91.4	91.8	92.5		
GE 600	34.3	44.3	52.0	65.9	69.6	76.3	82.8	85.4	88.1	90.0	90.5	91.5	91.7	92.2	92.8		
GE 500	34.5	44.5	52.4	66.5	70.2	77.0	83.9	86.9	89.9	91.9	92.7	93.8	94.2	94.6	95.3		
GE 400	34.5	44.5	52.4	66.5	70.2	77.2	84.1	87.1	90.6	92.7	93.4	94.8	95.3	95.8	96.6		
GE 300	34.5	44.5	52.4	66.5	70.2	77.2	84.3	87.3	91.0	93.0	93.8	95.4	95.8	96.3	97.2		
GE 200	34.5	44.5	52.4	66.5	70.2	77.2	84.3	87.3	91.3	93.4	94.2	96.0	96.7	97.2	98.9		
GE 100	34.5	44.5	52.4	66.5	70.2	77.2	84.3	87.3	91.3	93.5	94.4	96.2	96.9	97.5	99.0		
GE 0	34.5	44.5	52.4	66.5	70.2	77.2	84.3	87.3	91.3	93.5	94.4	96.2	96.9	97.5	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: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000	41.3	45.4	49.0	51.3	51.8	52.7	53.4	53.4	53.5	53.5	53.5	53.7	53.7	53.7	53.7	
GE 18000	48.8	53.5	57.2	60.4	61.2	62.2	63.1	63.1	63.3	63.4	63.4	63.5	63.5	63.5	63.5	
GE 16000	49.4	54.3	58.1	61.4	62.2	63.1	64.1	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.5	
GE 14000	49.6	54.5	58.4	61.7	62.5	63.5	64.5	64.5	64.7	64.8	64.8	64.9	64.9	64.9	64.9	
GE 12000	50.3	55.3	59.2	62.6	63.3	64.4	65.4	65.4	65.6	65.7	65.7	65.8	65.8	65.8	65.8	
GE 10000	51.2	56.2	60.3	64.0	64.7	65.8	66.8	66.8	67.0	67.1	67.1	67.2	67.2	67.2	67.2	
GE 9000	53.1	58.9	63.3	67.3	68.1	69.1	70.1	70.1	70.4	70.5	70.5	70.6	70.6	70.6	70.6	
GE 8000	53.4	59.4	63.8	67.7	68.5	69.6	70.5	70.5	70.9	71.0	71.0	71.1	71.1	71.1	71.1	
GE 7000	56.6	62.9	67.7	72.3	73.0	74.2	75.3	75.3	75.6	75.7	75.7	75.8	75.8	75.8	75.8	
GE 6000	57.2	63.5	68.6	73.4	74.3	75.6	77.0	77.0	77.3	77.4	77.4	77.5	77.5	77.5	77.5	
GE 5000	57.6	64.0	69.3	73.9	74.7	76.0	77.4	77.4	77.7	77.8	77.8	78.0	78.0	78.0	78.0	
GE 4500	58.3	64.7	69.8	74.7	75.6	76.9	78.3	78.3	78.6	78.7	78.7	78.8	78.8	78.8	78.8	
GE 4000	58.7	65.2	70.2	75.2	76.0	77.3	78.7	78.7	79.0	79.1	79.1	79.2	79.2	79.2	79.2	
GE 3500	59.8	66.3	72.0	77.0	77.8	79.1	80.5	80.5	80.9	81.0	81.0	81.1	81.1	81.1	81.1	
GE 3000	60.2	66.9	72.9	77.8	78.7	80.0	81.4	81.4	81.7	81.8	81.8	81.9	81.9	81.9	81.9	
GE 2500	62.4	69.4	75.7	81.5	82.5	83.9	85.3	85.3	85.7	85.8	85.8	85.9	85.9	85.9	85.9	
GE 2000	64.2	71.4	77.8	83.8	84.7	86.1	87.5	87.5	88.0	88.1	88.1	88.2	88.2	88.2	88.2	
GE 1800	65.1	72.5	79.1	85.1	86.2	87.7	89.1	89.1	89.7	89.8	89.8	89.9	89.9	89.9	89.9	
GE 1600	65.2	72.7	79.2	85.2	86.3	87.8	89.2	89.2	89.9	90.0	90.0	90.1	90.1	90.1	90.1	
GE 1400	66.1	73.9	80.5	86.4	88.1	89.9	91.3	91.3	91.9	92.0	92.0	92.2	92.2	92.2	92.2	
GE 1200	66.3	74.1	80.9	87.2	88.6	90.4	91.8	91.8	92.5	92.6	92.6	92.7	92.7	92.7	92.7	
GE 1000	66.6	74.4	81.4	88.1	89.5	91.4	92.9	92.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	
GE 900	66.7	74.6	81.6	88.3	89.8	91.7	93.2	93.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	
GE 800	66.7	74.7	81.8	88.4	90.4	92.4	93.9	94.0	94.9	95.1	95.1	95.2	95.2	95.2	95.2	
GE 700	67.0	75.2	82.4	89.4	91.1	93.4	95.2	95.1	96.2	96.3	96.3	96.5	96.6	96.6	96.6	
GE 600	67.0	75.2	82.5	89.5	91.2	94.0	95.7	95.9	96.9	97.0	97.0	97.2	97.3	97.3	97.3	
GE 500	67.0	75.6	83.0	90.2	91.9	94.7	96.7	97.1	98.5	98.6	98.6	98.9	99.0	99.0	99.0	
GE 400	67.0	75.6	83.0	90.2	92.0	94.8	96.8	97.3	98.9	99.0	99.0	99.4	99.5	99.5	99.5	
GE 300	67.0	75.6	83.0	90.2	92.0	94.8	96.9	97.4	99.0	99.2	99.2	99.6	99.7	99.7	99.7	
GE 200	67.0	75.6	83.0	90.2	92.0	94.8	96.9	97.4	99.0	99.2	99.2	99.6	100.0	100.0	100.0	
GE 100	67.0	75.6	83.0	90.2	92.0	94.8	96.9	97.4	99.0	99.2	99.2	99.6	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 430

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 971220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEILING	53.1	54.0	55.1	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 20000	65.8	67.2	68.9	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	66.5	68.2	69.9	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 16000	66.5	68.2	69.9	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 14000	67.5	69.2	71.1	72.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 12000	68.5	70.3	72.2	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 10000	71.1	73.2	75.2	76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	71.1	73.2	75.2	76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 8000	73.9	76.5	78.7	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 7000	75.6	78.3	81.0	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6000	76.0	78.8	81.5	83.4	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 5000	76.6	79.4	82.0	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4000	76.7	79.5	82.2	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3500	78.1	81.1	83.9	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	79.0	82.0	84.8	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2500	81.9	85.1	88.6	91.9	92.0	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	82.3	85.5	89.0	92.5	92.7	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	83.3	85.7	90.4	94.1	94.3	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1600	83.4	85.8	90.6	94.3	94.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1400	83.7	87.1	91.3	95.1	95.4	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	83.8	87.4	91.7	95.9	96.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	84.3	89.0	92.4	96.6	96.9	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	84.5	89.2	92.6	96.9	97.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	84.6	89.3	92.7	97.0	97.3	98.3	98.7	98.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	84.7	89.5	92.9	97.2	97.5	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	84.8	89.6	93.0	97.4	97.7	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	84.9	89.7	93.1	97.6	98.0	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	84.9	89.7	93.1	97.6	98.0	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	84.9	89.7	93.1	97.6	98.0	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	84.9	89.7	93.2	97.7	98.1	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.9	89.7	93.2	97.7	98.1	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 751

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		56.7	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	71.0	72.0	72.7	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000	72.2	73.4	74.1	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 16000	72.2	73.5	74.2	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 14000	73.1	74.6	75.4	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 12000	73.7	75.2	76.0	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	76.2	77.8	78.7	79.1	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 9000	76.2	77.8	78.7	79.1	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 8000	79.1	81.2	82.2	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 7000	80.5	82.7	83.7	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 6000	81.1	83.2	84.2	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 5000	81.7	84.0	84.9	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	81.8	84.1	85.1	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4000	83.7	85.1	87.5	88.4	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3500	84.9	87.4	88.8	89.8	89.8	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3000	87.6	90.2	92.0	93.7	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	88.1	91.0	92.8	94.6	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000	88.4	91.4	93.2	95.1	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	88.4	91.4	93.3	95.3	95.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	88.6	91.6	93.8	95.7	95.7	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	88.9	91.9	94.3	96.3	96.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	89.1	92.4	94.7	97.1	97.2	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	89.1	92.4	94.7	97.1	97.2	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	89.4	92.7	95.1	97.5	97.7	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	89.9	93.2	95.6	98.2	98.4	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	89.9	93.2	95.6	98.2	98.4	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	89.9	93.2	95.6	98.2	98.4	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	89.9	93.2	95.6	98.3	98.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.9	93.2	95.6	98.3	98.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.9	93.2	95.6	98.3	98.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.9	93.2	95.6	98.3	98.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	89.9	93.2	95.6	98.3	98.5	99.2	99.7	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: 471220 STATION NAME: OSAN AB (OREA

PERIOD OF RECORD: 77-86
MONTH: MAY 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	57.6	58.8	59.1	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000	71.4	73.3	74.0	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 18000	72.0	74.2	74.8	75.5	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 16000	72.0	74.2	74.8	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 14000	72.7	74.8	75.5	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 12000	74.2	75.3	77.1	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 10000	77.5	82.2	81.0	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 9000	77.6	83.3	81.1	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 8000	81.5	84.4	85.3	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 7000	82.2	85.4	85.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 6000	82.2	85.4	86.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 5000	83.0	85.2	87.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4500	83.0	85.2	87.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4000	84.2	89.0	88.9	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	84.2	89.0	88.9	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	87.0	91.1	92.5	94.0	94.1	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	87.6	91.8	93.4	95.2	95.3	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	88.2	92.4	94.0	95.7	95.9	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	88.3	92.5	94.1	95.4	96.0	96.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	88.4	92.6	94.2	96.0	96.2	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	88.5	92.7	94.3	96.1	96.3	96.7	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	88.7	92.9	94.5	96.3	96.6	96.9	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	88.7	92.9	94.5	96.3	96.6	96.9	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	88.8	93.0	94.8	96.9	97.2	97.5	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	89.0	93.3	95.2	97.5	97.8	98.2	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	89.0	93.3	95.3	97.7	98.1	98.4	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	89.0	93.4	95.5	98.1	98.4	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	89.0	93.4	95.5	98.1	98.4	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.0	93.4	95.5	98.1	98.4	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.0	93.4	95.5	98.1	98.4	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.0	93.4	95.5	98.1	98.4	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	89.0	93.4	95.5	98.1	98.4	98.9	99.5	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: 471220 STATION NAME: OSAN AB KOREA

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

CEILING FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL		58.0	59.8	60.6	61.7	62.0	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 20000	67.1	69.4	70.5	72.2	72.5	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 19000	68.0	70.2	71.4	73.0	73.3	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 18000	68.0	70.2	71.4	73.0	73.3	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 17000	68.1	70.3	71.5	73.1	73.4	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	68.0	71.3	72.5	74.1	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 15000	72.2	74.6	75.8	77.4	77.7	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 14000	72.2	74.6	75.8	77.4	77.7	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 13000	75.5	78.2	79.5	81.4	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 12000	75.9	79.8	80.1	82.3	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 11000	76.0	79.9	80.2	82.4	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 10000	77.1	80.1	81.4	83.5	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 9000	77.1	80.1	81.4	83.5	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 8000	79.5	82.6	84.0	86.2	86.8	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 7000	79.6	82.8	84.5	87.0	87.5	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 6000	83.1	86.3	88.7	91.4	91.9	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 5000	84.2	87.5	89.9	92.6	93.1	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4500	84.5	88.1	90.4	93.3	93.9	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4000	84.5	88.1	90.4	93.3	93.9	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3500	85.3	89.0	91.7	94.7	95.3	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3000	85.3	89.0	91.7	94.7	95.3	96.1	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	85.3	89.1	92.0	95.1	95.6	96.5	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	85.3	89.1	92.0	95.1	95.6	96.5	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	85.4	89.2	92.3	95.3	95.8	96.7	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	85.6	89.6	92.6	95.7	96.2	97.1	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	85.6	89.6	92.6	95.7	96.2	97.2	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 100	85.7	89.7	93.0	96.2	96.9	97.8	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 50	96.0	97.0	93.3	96.6	97.3	98.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 20	96.0	93.0	93.3	96.7	97.4	98.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	96.0	93.0	93.3	96.7	97.4	98.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.0	93.0	93.3	96.7	97.4	98.4	99.5	99.7	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: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING FEET	VISIBILITY IN STATUTE MILES																		
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL		45.7	49.1	51.5	54.4	54.9	56.1	56.9	57.2	57.6	57.8	57.8	58.0	58.0	58.1	58.2			
GE 2000		54.4	59.4	61.2	64.9	65.5	66.8	67.6	67.9	68.3	68.6	68.7	68.9	69.0	69.0	69.1			
GE 1800		55.0	59.1	62.0	65.7	66.3	67.6	68.5	68.8	69.2	69.5	69.5	69.8	69.8	69.9	70.0			
GE 1600		55.0	59.2	62.1	65.8	66.5	67.8	68.6	68.9	69.4	69.6	69.7	69.9	70.0	70.1	70.1			
GE 1400		55.5	59.7	62.6	66.4	67.0	68.3	69.2	69.5	69.9	70.2	70.3	70.5	70.6	70.6	70.7			
GE 1200		56.3	60.6	63.7	67.5	68.2	69.5	70.4	70.7	71.1	71.4	71.4	71.7	71.7	71.8	71.9			
GE 1000		59.0	63.6	66.9	71.0	71.7	73.0	74.0	74.3	74.8	75.0	75.1	75.3	75.4	75.5	75.6			
GE 900		59.1	63.8	67.0	71.1	71.8	73.2	74.2	74.5	75.0	75.2	75.3	75.5	75.6	75.7	75.8			
GE 800		61.8	65.8	70.2	74.7	75.4	76.8	77.6	78.1	78.6	78.9	79.0	79.2	79.3	79.3	79.4			
GE 700		62.4	67.5	71.1	75.8	76.5	78.0	79.1	79.4	79.9	80.2	80.3	80.6	80.6	80.7	80.8			
GE 600		62.7	67.8	71.4	76.1	76.8	78.3	79.4	79.7	80.3	80.6	80.6	80.9	80.9	81.0	81.1			
GE 500		63.5	68.8	72.4	77.2	77.9	79.4	80.5	80.9	81.4	81.7	81.7	82.0	82.0	82.1	82.2			
GE 450		63.6	69.9	72.6	77.4	78.1	79.6	80.7	81.1	81.6	81.9	81.9	82.2	82.2	82.3	82.4			
GE 400		65.2	73.7	74.6	79.5	80.3	81.9	83.1	83.5	84.0	84.3	84.4	84.6	84.7	84.7	84.9			
GE 350		65.8	71.4	75.3	80.5	81.3	82.9	84.1	84.5	85.1	85.4	85.4	85.7	85.7	85.8	85.9			
GE 300		68.5	74.3	78.7	84.4	85.3	87.1	88.5	88.8	89.4	89.7	89.8	90.1	90.1	90.2	90.3			
GE 250		69.2	75.2	79.7	85.5	86.4	88.2	89.6	90.0	90.6	91.0	91.0	91.3	91.3	91.4	91.5			
GE 200		69.8	75.8	80.4	86.3	87.3	89.2	90.7	91.1	91.8	92.1	92.2	92.4	92.5	92.6	92.7			
GE 180		69.9	75.9	80.5	86.5	87.4	89.4	90.8	91.3	92.0	92.3	92.4	92.6	92.7	92.8	92.9			
GE 160		70.4	75.6	81.3	87.4	88.5	90.5	91.9	92.4	93.1	93.4	93.5	93.8	93.8	93.9	94.0			
GE 140		70.6	75.9	81.8	88.0	89.1	91.2	92.6	93.1	93.8	94.2	94.3	94.5	94.5	94.7	94.8			
GE 120		70.9	77.3	82.2	88.6	89.7	91.9	93.4	93.9	94.7	95.0	95.1	95.3	95.4	95.5	95.6			
GE 100		71.0	77.4	82.7	89.2	90.3	92.0	93.5	94.0	94.8	95.2	95.2	95.5	95.6	95.6	95.8			
GE 80		71.1	77.5	82.5	89.3	90.3	92.5	94.1	94.6	95.3	95.7	95.6	96.1	96.1	96.2	96.4			
GE 70		71.3	77.8	82.8	89.4	90.7	93.0	94.7	95.3	96.1	96.5	96.6	96.8	96.9	97.0	97.1			
GE 60		71.3	77.8	82.9	89.6	90.8	93.2	95.0	95.6	96.4	96.8	96.9	97.1	97.2	97.3	97.4			
GE 50		71.4	78.0	83.2	90.0	91.3	93.7	95.8	96.5	97.4	97.8	97.9	98.2	98.3	98.4	98.5			
GE 40		71.5	78.1	83.3	90.1	91.5	94.0	96.0	96.8	97.8	98.2	98.3	98.6	98.7	98.8	98.9			
GE 30		71.5	78.1	83.3	90.1	91.5	94.0	96.2	96.9	98.0	98.4	98.5	98.9	99.0	99.1	99.3			
GE 20		71.5	78.1	83.4	90.2	91.5	94.1	96.2	97.0	98.1	98.6	98.7	99.2	99.3	99.4	99.7			
GE 10		71.5	78.1	83.4	90.2	91.5	94.1	96.2	97.0	98.1	98.6	98.7	99.2	99.3	99.5	100.0			

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

TIME	VISIBILITY IN STATUTE MILES																	
	GE 1/8	GE 1/4	GE 3/8	GE 1/2	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 8	GE 10	GE 15	GE 20	GE UNK
0300Z																		
0400Z																		
0500Z																		
0600Z																		
0700Z																		
0800Z																		
0900Z																		
1000Z																		
1100Z																		
1200Z																		
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2800Z																		
2900Z																		
3000Z																		

TOTAL NUMBER OF OBSERVATIONS: 30

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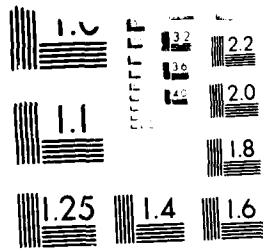
OSAN AB KOREA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS PARTS A-F(U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.
31 JUL 87 USAFETAC/DS-87/850 F/G 4/2

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MICROCOPY RESOLUTION TEST CHART
1.0 1.1 1.25 1.4 1.6 1.8 2.0 2.2 3.2 3.6 4.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	
NO CEIL																	
GE 20000	13.9	16.7	20.3	25.0	26.9	32.0	35.8	37.4	39.8	40.8	41.6	42.6	43.0	43.4	44.1		
GE 18000	14.0	16.8	20.4	25.1	27.0	32.1	35.9	37.6	39.9	40.9	41.7	42.7	43.1	43.6	44.2		
GE 16000	14.0	16.8	20.4	25.1	27.0	32.1	35.9	37.6	39.9	40.9	41.7	42.7	43.1	43.6	44.2		
GE 14000	14.0	16.9	20.6	25.2	27.2	32.3	36.6	38.2	40.6	41.6	42.3	43.3	43.8	44.2	44.9		
GE 12000	14.4	17.8	21.4	26.3	28.7	33.8	38.4	40.3	42.7	43.7	44.6	45.6	46.0	46.4	47.1		
GE 10000	15.4	19.7	23.4	29.3	32.1	37.6	42.6	44.4	46.9	48.0	48.9	49.9	50.3	50.8	51.4		
GE 9000	15.6	19.8	23.7	29.9	32.7	38.3	43.3	45.2	47.7	48.8	49.7	50.7	51.1	51.6	52.2		
GE 8000	17.2	22.3	26.0	33.4	36.3	42.7	47.8	49.7	52.2	53.4	54.4	55.6	56.0	56.4	57.1		
GE 7000	17.8	23.0	27.6	34.7	37.6	44.0	49.2	51.1	53.7	54.9	55.9	57.0	57.4	57.9	58.6		
GE 6000	18.1	23.6	28.1	35.3	38.2	44.7	50.0	51.9	54.4	55.7	56.7	57.8	58.2	58.7	59.3		
GE 5000	18.3	23.8	28.4	35.7	38.8	45.2	50.6	52.4	55.1	56.6	57.6	58.7	59.1	59.6	60.2		
GE 4500	18.7	24.1	28.8	36.2	39.1	45.7	51.0	52.9	55.6	57.0	58.0	59.1	59.6	60.0	60.7		
GE 4000	20.4	26.6	31.7	39.6	42.8	49.4	55.1	57.1	59.8	61.9	63.1	64.2	64.7	65.1	65.8		
GE 3500	20.8	27.0	32.4	40.3	43.6	50.6	56.3	58.4	61.1	63.2	64.4	65.6	66.0	66.4	67.1		
GE 3000	23.0	29.6	35.1	43.4	46.9	54.6	60.9	63.1	66.1	68.2	69.4	70.9	71.3	71.8	72.4		
GE 2500	23.7	31.0	36.8	45.2	48.8	56.6	63.0	65.2	68.6	70.7	71.9	73.3	73.8	74.2	74.9		
GE 2000	24.2	31.7	37.4	46.4	50.0	57.9	64.4	66.8	70.2	72.3	73.6	75.0	75.4	75.9	76.6		
GE 1800	24.6	32.1	37.9	46.9	50.4	58.3	64.9	67.2	70.7	72.8	74.0	75.4	75.9	76.3	77.0		
GE 1500	25.0	33.1	39.3	48.4	52.3	60.3	67.4	69.9	73.3	75.4	76.7	78.1	78.6	79.0	79.7		
GE 1200	25.6	33.9	40.4	49.6	53.6	61.8	69.1	71.6	75.0	77.1	78.3	79.8	80.2	80.7	81.3		
GE 1000	26.3	34.8	41.8	51.4	55.4	64.2	71.7	74.1	77.7	79.8	81.0	82.6	83.0	83.4	84.1		
GE 900	26.6	35.0	42.0	51.7	55.7	64.4	71.9	74.3	77.9	80.0	81.2	82.8	83.2	83.7	84.3		
GE 800	26.9	35.6	43.0	52.9	57.0	66.2	73.8	76.3	80.0	82.1	83.4	85.1	85.6	86.0	86.7		
GE 700	27.1	35.0	43.7	54.0	58.1	67.8	75.6	78.1	81.8	84.0	85.3	87.1	87.6	88.0	88.7		
GE 600	27.2	35.1	43.9	54.3	58.7	68.4	76.7	79.3	83.1	85.4	86.8	89.0	89.4	89.9	90.6		
GE 500	27.3	35.3	44.2	55.0	59.4	69.4	77.9	80.9	84.9	87.2	88.7	90.9	91.3	91.9	92.6		
GE 400	27.3	35.3	44.4	55.5	60.1	70.3	79.0	82.1	86.2	88.7	90.4	92.8	93.2	93.8	94.4		
GE 300	27.3	35.3	44.4	55.6	60.1	70.3	79.0	82.1	86.7	89.3	91.2	93.6	94.1	94.7	96.0		
GE 200	27.3	35.3	44.4	55.6	60.1	70.3	79.0	82.3	86.9	89.6	91.4	94.2	95.1	96.1	98.3		
GE 100	27.3	35.3	44.4	55.6	60.1	70.3	79.0	82.3	86.9	89.7	91.6	94.3	95.2	96.2	99.0		
GE 0	27.3	35.4	44.6	55.7	60.2	70.4	79.1	82.4	87.0	89.8	91.7	94.4	95.3	96.6	100.0		

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.8	33.9	35.9	39.4	40.1	40.8	42.1	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7
GE 20000	35.1	43.1	43.0	47.7	48.8	49.6	51.1	51.7	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0
GE 18000	35.4	43.4	43.3	48.1	49.3	50.2	51.9	52.4	52.6	52.7	52.9	52.9	52.9	52.9	52.9	52.9
GE 16000	35.6	43.6	43.4	48.2	49.4	50.3	52.0	52.6	52.7	52.8	53.0	53.0	53.0	53.0	53.0	53.0
GE 14000	35.9	41.0	44.0	49.1	50.4	51.3	53.0	53.6	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1
GE 12000	36.6	41.9	45.1	50.2	51.6	52.6	54.2	54.8	55.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	39.6	45.2	49.8	55.8	57.1	58.3	60.0	60.6	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1
GE 9000	39.7	45.6	50.2	56.3	57.7	58.9	60.6	61.1	61.3	61.4	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	42.4	48.9	54.2	60.9	62.3	63.7	65.3	65.9	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4
GE 7000	43.1	49.9	55.3	62.0	63.6	65.0	66.7	67.2	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8
GE 6000	43.3	50.1	55.6	62.2	63.8	65.2	66.9	67.4	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0
GE 5000	43.8	50.7	56.1	63.0	64.6	66.0	67.7	68.2	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500	43.9	53.8	56.2	63.1	64.7	66.1	67.8	68.3	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9
GE 4000	45.7	53.0	59.3	66.6	68.1	69.6	71.3	71.9	72.2	72.4	72.8	72.8	72.8	72.8	72.8	72.8
GE 3500	47.0	54.4	61.1	68.6	70.1	71.7	73.7	74.2	74.6	74.8	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	49.4	57.8	65.0	73.0	74.7	76.7	79.0	79.6	80.0	80.2	80.6	80.6	80.6	80.6	80.6	80.6
GE 2500	50.9	59.7	66.9	75.2	77.1	79.1	81.7	82.2	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	52.6	61.4	68.8	77.4	79.8	81.9	84.6	85.1	85.7	85.9	86.2	86.2	86.2	86.2	86.2	86.2
GE 1800	52.7	61.6	68.9	77.6	79.9	82.0	84.7	85.2	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500	54.8	64.1	71.8	80.9	83.2	85.4	88.2	88.8	89.3	89.6	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	55.3	64.8	72.6	81.9	84.4	87.0	89.8	90.3	90.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4
GE 1000	56.1	65.9	74.2	84.0	87.0	89.6	92.4	93.0	93.6	93.8	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	56.6	65.4	75.0	84.3	87.9	90.6	93.4	94.0	94.6	94.8	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	56.7	66.6	75.2	85.3	88.6	91.4	94.9	95.4	96.1	96.3	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	56.8	66.9	75.6	85.7	89.2	92.3	96.0	96.6	97.2	97.4	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	56.9	67.0	75.8	86.3	89.8	92.9	96.7	97.2	97.9	98.1	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	57.0	67.1	76.0	86.9	90.3	93.4	97.3	98.1	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	57.0	67.1	76.0	86.9	90.3	93.4	97.4	98.3	99.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	57.0	67.1	76.0	86.9	90.3	93.4	97.4	98.3	99.0	99.3	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	57.0	67.1	76.0	86.9	90.3	93.4	97.4	98.3	99.0	99.3	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	57.0	67.1	76.0	86.9	90.3	93.4	97.4	98.3	99.0	99.3	99.9	99.9	99.9	100.0	100.0	100.0
GE 0	57.0	67.1	76.0	86.9	90.3	93.4	97.4	98.3	99.0	99.3	99.9	99.9	99.9	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: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	40.9	43.0	44.0	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	
GE 20000	52.0	54.8	56.2	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
GE 18000	52.6	55.3	56.9	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
GE 16000	52.6	55.3	56.9	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
GE 14000	53.3	56.1	57.7	59.0	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 12000	54.6	57.4	59.4	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	
GE 10000	57.8	61.0	63.6	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	
GE 9000	58.2	61.4	64.0	65.8	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 8000	62.2	66.7	69.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	
GE 7000	63.6	69.0	71.2	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 6000	63.6	69.0	71.2	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 5000	64.2	69.7	72.0	74.1	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 4500	64.4	68.9	72.2	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
GE 4000	67.8	72.8	76.6	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	
GE 3500	69.4	74.4	78.6	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
GE 3000	75.2	80.9	85.6	88.9	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE 2500	76.6	82.4	87.4	91.0	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
GE 2000	77.7	83.7	88.9	92.9	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE 1800	77.7	83.7	88.9	92.9	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE 1600	77.7	83.7	88.9	92.9	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE 1500	79.7	85.8	91.1	95.1	95.4	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
GE 1200	80.3	86.6	91.9	96.1	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 1000	80.9	87.4	92.8	97.1	97.7	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 900	80.9	87.6	93.1	97.4	98.0	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 800	80.9	87.6	93.2	97.6	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 700	80.9	87.6	93.2	97.8	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 600	81.0	87.7	93.4	98.0	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 500	81.0	87.7	93.4	98.0	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 400	81.0	87.7	93.4	98.0	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 300	81.0	87.7	93.4	98.0	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 200	81.0	87.7	93.4	98.0	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 100	81.0	87.7	93.4	98.0	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 0	81.0	87.7	93.4	98.0	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL			44.9	45.3	47.7	49.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000			58.9	63.6	62.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 18000			59.9	61.7	63.1	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			59.9	61.7	63.1	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			60.3	62.1	63.7	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 12000			62.2	64.0	65.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 10000			66.3	69.6	70.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000			66.8	69.0	71.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000			72.8	75.9	78.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000			73.9	77.0	79.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 6000			73.9	77.0	79.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 5000			74.8	77.9	80.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4500			74.8	77.9	80.3	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4000			76.9	80.2	82.7	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500			77.8	81.1	83.6	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3000			81.9	85.4	88.4	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500			83.2	86.9	90.4	92.6	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000			84.0	87.8	91.4	93.6	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800			84.1	87.9	91.6	93.7	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1600			85.1	88.9	92.8	94.9	95.4	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 1400			85.6	89.3	93.4	95.6	96.1	96.7	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200			86.0	89.9	94.0	96.2	96.9	97.7	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000			86.0	89.9	94.0	96.3	97.1	98.0	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 800			86.0	89.9	94.0	96.4	97.2	98.1	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 700			86.0	89.9	94.0	96.4	97.3	98.3	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 600			86.1	90.0	94.2	96.7	97.6	98.6	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 500			86.1	90.0	94.3	96.8	97.7	98.8	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			86.1	90.0	94.3	96.8	97.7	98.8	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			86.1	90.0	94.3	96.8	97.7	98.8	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			86.1	90.0	94.3	96.8	97.7	98.8	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			86.1	90.0	94.3	96.8	97.7	98.8	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			86.1	90.0	94.3	96.8	97.7	98.8	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 700

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	SE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 4/16	GE 1/4	GE 0
NO CEIL	44.4	45.2	48.0	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 20000	56.3	59.9	61.1	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 18000	57.6	60.1	62.3	63.3	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 16000	57.9	60.4	62.7	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	58.6	61.2	63.4	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000	60.3	63.7	65.9	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 10000	64.6	67.9	70.3	71.3	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	64.9	68.2	70.7	71.8	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 8000	69.4	74.2	77.0	78.3	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	71.1	75.9	78.7	80.0	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	71.3	75.1	79.0	80.3	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 5000	72.8	77.7	80.8	82.2	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	72.8	77.7	80.8	82.2	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	75.4	80.7	84.0	85.6	86.2	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	75.9	81.3	84.7	86.6	87.2	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	78.0	83.7	87.4	89.3	90.3	90.9	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	78.4	84.3	88.3	90.4	91.4	92.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	79.8	85.8	89.9	92.0	93.1	93.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	80.0	85.0	90.1	92.2	93.3	94.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	80.8	86.8	91.0	93.1	94.2	95.1	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	81.1	87.2	91.4	93.6	94.8	95.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	81.3	87.4	91.7	93.9	95.1	96.0	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	81.4	87.6	91.8	94.0	95.2	96.1	97.3	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	81.6	87.9	92.3	94.6	95.8	96.7	97.9	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	81.7	88.1	92.6	94.8	96.0	97.0	98.3	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	81.7	88.2	92.8	95.0	96.2	97.2	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	81.7	88.2	92.9	95.1	96.3	97.4	98.9	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	81.7	88.2	92.9	95.1	96.3	97.4	99.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	81.7	88.2	92.9	95.1	96.3	97.4	99.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	81.7	88.2	92.9	95.1	96.3	97.4	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	81.7	88.2	92.9	95.1	96.3	97.4	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	81.7	88.2	92.9	95.1	96.3	97.4	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(DST): 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	45.7	48.7	50.6	53.2	53.6	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 20000	53.4	56.7	59.3	62.9	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	54.3	57.6	60.2	63.8	64.4	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	54.4	57.9	60.6	64.1	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 14000	54.7	58.1	60.8	64.3	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 12000	55.6	59.0	62.1	65.8	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	59.2	62.8	66.1	70.2	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 9000	59.3	62.9	66.2	70.3	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 8000	62.9	67.3	71.3	75.6	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 7000	64.2	69.2	73.4	77.7	78.3	78.3	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 6000	64.2	69.2	73.4	77.7	78.3	78.3	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 5000	64.7	69.9	74.1	78.6	79.2	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500	65.0	70.3	74.6	79.1	79.8	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	67.4	73.4	78.3	83.1	83.8	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	67.9	74.1	79.0	84.0	84.7	85.0	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	69.9	76.2	81.4	87.1	87.8	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	70.3	77.0	82.2	87.9	88.7	89.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2000	71.6	78.4	83.9	89.7	90.4	91.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	71.7	78.6	84.0	89.8	90.6	91.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	72.7	79.7	85.1	91.1	92.1	93.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	73.1	80.2	85.7	91.9	92.7	93.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	73.6	80.8	86.3	92.6	93.3	94.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	73.9	81.1	86.7	93.1	93.9	94.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	74.1	81.4	87.1	93.9	94.7	95.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	74.3	81.7	87.4	94.4	95.2	96.3	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	74.3	82.0	87.8	94.9	95.6	96.7	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	74.4	82.1	88.2	95.2	96.0	97.1	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 450	74.4	82.1	88.2	95.2	96.0	97.1	99.0	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8
GE 300	74.4	82.1	88.2	95.3	96.1	97.2	99.1	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	74.4	82.1	88.2	95.3	96.1	97.2	99.1	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	74.4	82.1	88.2	95.3	96.1	97.2	99.1	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	74.4	82.1	88.2	95.3	96.1	97.2	99.1	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GL 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																	
GE 20000	33.3	35.5	38.6	41.6	42.2	43.7	44.6	44.9	45.2	45.3	45.5	45.6	45.7	45.8	45.9		
GE 18000	40.7	44.7	47.6	51.4	52.3	53.9	55.1	55.4	55.8	56.0	56.2	56.4	56.5	56.5	56.7		
GE 16000	41.3	45.4	48.2	52.0	52.9	54.6	55.8	56.1	56.5	56.7	57.0	57.1	57.2	57.3	57.4		
GE 14000	41.4	45.5	48.3	52.1	53.0	54.7	55.9	56.2	56.6	56.8	57.1	57.2	57.3	57.3	57.5		
GE 12000	41.7	45.8	48.7	52.5	53.6	55.3	56.5	56.8	57.2	57.4	57.7	57.8	57.9	57.9	58.1		
GE 10000	42.7	47.2	50.3	54.3	55.3	57.0	58.3	58.6	59.0	59.2	59.5	59.6	59.7	59.8	60.0		
GE 9000	45.6	50.5	54.1	58.6	59.7	61.6	62.9	63.4	63.8	64.0	64.2	64.4	64.5	64.5	64.7		
GE 8000	45.8	50.7	54.3	59.0	60.1	62.1	63.4	63.8	64.2	64.4	64.7	64.8	64.9	65.0	65.1		
GE 7000	49.2	55.1	59.2	64.3	65.5	67.6	69.0	69.4	69.9	70.1	70.4	70.5	70.6	70.7	70.8		
GE 6000	50.2	55.2	60.5	65.7	66.9	69.1	70.5	70.9	71.4	71.6	71.9	72.0	72.1	72.2	72.3		
GE 5000	50.3	55.4	60.6	65.9	67.1	69.3	70.8	71.2	71.7	71.9	72.1	72.3	72.4	72.4	72.6		
GE 4500	51.0	57.1	61.5	66.9	68.1	70.3	71.8	72.3	72.8	73.0	73.3	73.4	73.5	73.6	73.8		
GE 4000	51.2	57.3	61.7	67.1	68.3	70.6	72.1	72.5	73.0	73.3	73.6	73.7	73.8	73.9	74.0		
GE 3500	53.3	59.9	64.7	70.5	71.8	74.1	75.8	76.3	76.8	77.2	77.6	77.7	77.8	77.9	78.1		
GE 3000	54.1	60.8	65.8	71.8	73.0	75.5	77.3	77.8	78.3	78.7	79.0	79.2	79.3	79.4	79.5		
GE 2500	57.0	64.2	69.6	76.2	77.5	80.3	82.3	82.9	83.5	83.9	84.2	84.4	84.5	84.6	84.8		
GE 2000	57.8	65.3	70.9	77.7	79.1	82.0	84.2	84.8	85.5	85.9	86.2	86.4	86.5	86.5	86.7		
GE 1800	58.8	66.4	72.1	79.1	80.7	83.6	86.0	86.5	87.3	87.7	88.0	88.2	88.3	88.3	88.5		
GE 1600	58.9	66.6	72.3	79.3	80.9	83.8	86.2	86.8	87.5	87.9	88.2	88.4	88.5	88.6	88.8		
GE 1400	60.0	67.9	73.9	81.2	82.8	86.0	88.5	89.1	89.8	90.2	90.5	90.8	90.8	90.9	91.1		
GE 1200	60.5	68.5	74.7	82.1	83.9	87.2	89.7	90.3	91.1	91.5	91.8	92.0	92.1	92.2	92.4		
GE 1000	61.0	69.2	75.5	83.2	85.0	88.5	91.1	91.7	92.5	92.9	93.3	93.5	93.6	93.7	93.8		
GE 900	61.2	69.4	75.8	83.6	85.5	89.0	91.6	92.2	93.0	93.4	93.8	94.0	94.1	94.2	94.4		
GE 800	61.4	69.7	76.3	84.3	86.3	89.9	92.6	93.2	94.1	94.6	94.9	95.2	95.3	95.3	95.5		
GE 700	61.6	70.0	76.6	84.8	86.8	90.6	93.5	94.1	95.0	95.4	95.8	96.1	96.2	96.3	96.4		
GE 600	61.6	70.1	76.9	85.2	87.2	91.0	93.9	94.6	95.5	96.0	96.4	96.7	96.8	96.9	97.1		
GE 500	61.8	70.3	77.2	85.7	87.8	91.7	94.8	95.6	96.6	97.1	97.5	97.8	97.9	98.0	98.2		
GE 400	61.9	70.4	77.3	85.8	87.9	92.0	95.2	96.0	97.1	97.6	98.0	98.4	98.5	98.6	98.8		
GE 300	61.9	70.4	77.3	85.9	88.0	92.1	95.3	96.1	97.3	97.9	98.3	98.7	98.8	98.9	99.2		
GE 200	61.9	70.4	77.3	85.9	88.1	92.1	95.4	96.2	97.3	98.0	98.4	98.9	99.1	99.2	99.6		
GE 100	61.9	70.4	77.3	85.9	88.1	92.1	95.4	96.2	97.3	98.0	98.4	99.0	99.1	99.3	99.8		
GE 0	61.9	70.4	77.3	85.9	88.1	92.2	95.4	96.2	97.4	98.0	98.5	99.0	99.2	99.4	100.0		

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 3/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL			20.3	24.4	28.6	33.4	34.0	34.7	35.3	35.6	36.0	36.1	36.1	36.2	36.2	36.2	36.2
GE 20000		24.0	28.9	34.0	39.0	40.4	41.4	42.2	42.6	43.0	43.1	43.1	43.2	43.2	43.2	43.2	43.2
GE 18000		24.3	29.2	34.3	40.1	40.8	41.7	42.5	42.9	43.3	43.4	43.4	43.5	43.5	43.5	43.5	43.5
GE 16000		24.3	29.2	34.3	40.1	40.8	41.7	42.5	42.9	43.3	43.4	43.4	43.5	43.5	43.5	43.5	43.5
GE 14000		24.5	29.6	34.7	40.6	41.2	42.2	42.9	43.3	43.8	43.9	43.9	44.0	44.0	44.0	44.0	44.0
GE 12000		25.1	30.2	35.5	41.4	42.0	43.0	43.8	44.3	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9
GE 10000		27.4	33.4	38.8	46.1	46.9	47.8	48.6	49.1	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9
GE 9000		27.5	33.5	38.9	46.2	47.0	48.0	48.7	49.2	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0
GE 8000		31.2	38.0	43.9	51.4	52.6	53.5	54.6	55.4	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1
GE 7000		31.6	38.4	44.4	52.4	53.1	54.1	55.2	55.9	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7
GE 6000		31.6	38.4	44.4	52.4	53.1	54.1	55.2	55.9	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7
GE 5000		32.4	39.1	45.5	53.4	54.2	55.2	56.2	57.0	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7
GE 4500		33.1	40.0	46.7	54.7	55.5	56.5	57.5	58.3	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0
GE 4000		37.4	45.2	52.3	60.9	61.6	62.9	64.0	64.7	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5
GE 3500		39.2	47.4	54.6	63.6	64.6	65.9	67.0	67.7	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5
GE 3000		44.2	53.1	61.4	71.6	72.7	74.2	75.6	76.3	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1
GE 2500		46.0	55.5	63.8	74.2	75.4	76.9	78.6	79.4	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1
GE 2000		47.2	57.0	66.1	77.6	78.8	80.9	82.6	83.3	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1
GE 1800		47.2	57.3	66.6	78.1	79.2	81.3	83.0	83.8	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5
GE 1500		49.5	63.0	69.6	81.7	82.9	85.4	87.2	88.1	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8
GE 1200		50.3	61.0	70.5	82.7	84.1	86.6	88.5	89.4	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1
GE 1000		51.0	61.9	71.8	84.7	86.3	89.2	91.4	92.3	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0
GE 900		51.3	62.4	72.3	85.2	86.8	89.7	91.8	92.7	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4
GE 800		51.6	62.8	72.9	85.9	87.6	90.9	93.0	93.9	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6
GE 700		51.7	63.0	73.1	86.2	88.0	91.3	93.5	94.4	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3
GE 600		52.0	63.4	73.5	87.0	88.7	92.2	94.4	95.3	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2
GE 500		52.0	63.7	73.9	87.8	89.6	93.2	95.7	96.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1
GE 400		52.0	63.9	74.1	88.2	89.9	93.8	96.5	97.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE 300		52.0	63.9	74.1	88.4	90.1	94.0	97.0	98.0	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 200		52.0	63.9	74.1	88.4	90.1	94.0	97.0	98.0	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100		52.0	63.9	74.1	88.4	90.1	94.0	97.0	98.0	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 0		52.0	63.9	74.1	88.4	90.1	94.0	97.0	98.0	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10
NO CELL		9.7	11.4	13.1	14.8	16.5	18.2	19.9	21.6	23.3	25.0	26.7	28.4	30.1	31.8	33.5	35.2	36.9	38.6
GE 2000		11.9	14.1	16.3	18.5	20.7	22.9	25.1	27.3	29.5	31.7	33.9	36.1	38.3	40.5	42.7	44.9	47.1	49.3
GE 1800		12.3	14.4	16.6	18.8	21.0	23.2	25.4	27.6	29.8	32.0	34.2	36.4	38.6	40.8	43.0	45.2	47.4	49.6
GE 1600		12.3	14.4	16.6	18.8	21.0	23.2	25.4	27.6	29.8	32.0	34.2	36.4	38.6	40.8	43.0	45.2	47.4	49.6
GE 1400		12.3	14.4	16.6	18.8	21.0	23.2	25.4	27.6	29.8	32.0	34.2	36.4	38.6	40.8	43.0	45.2	47.4	49.6
GE 1200		12.6	14.8	17.0	19.2	21.4	23.6	25.8	28.0	30.2	32.4	34.6	36.8	39.0	41.2	43.4	45.6	47.8	50.0
GE 1000		14.5	17.0	19.5	22.0	24.5	27.0	29.5	32.0	34.5	37.0	39.5	42.0	44.5	47.0	49.5	52.0	54.5	57.0
GE 900		14.7	17.2	19.7	22.2	24.7	27.2	29.7	32.2	34.7	37.2	39.7	42.2	44.7	47.2	49.7	52.2	54.7	57.2
GE 800		16.2	19.4	22.6	25.8	29.0	32.2	35.4	38.6	41.8	45.0	48.2	51.4	54.6	57.8	61.0	64.2	67.4	70.6
GE 700		16.6	19.8	23.0	26.2	29.4	32.6	35.8	39.0	42.2	45.4	48.6	51.8	55.0	58.2	61.4	64.6	67.8	71.0
GE 600		16.6	19.8	23.0	26.2	29.4	32.6	35.8	39.0	42.2	45.4	48.6	51.8	55.0	58.2	61.4	64.6	67.8	71.0
GE 500		17.4	20.9	24.4	27.9	31.4	34.9	38.4	41.9	45.4	48.9	52.4	55.9	59.4	62.9	66.4	69.9	73.4	76.9
GE 450		18.2	21.8	25.4	29.0	32.6	36.2	39.8	43.4	47.0	50.6	54.2	57.8	61.4	65.0	68.6	72.2	75.8	79.4
GE 400		20.9	26.2	31.5	36.8	42.1	47.4	52.7	58.0	63.3	68.6	73.9	79.2	84.5	89.8	95.1	100.4	105.7	111.0
GE 350		22.4	27.7	33.0	38.3	43.6	48.9	54.2	59.5	64.8	70.1	75.4	80.7	86.0	91.3	96.6	101.9	107.2	112.5
GE 300		27.1	33.9	40.7	47.5	54.3	61.1	67.9	74.7	81.5	88.3	95.1	101.9	108.7	115.5	122.3	129.1	135.9	142.7
GE 250		28.9	36.1	43.3	50.5	57.7	64.9	72.1	79.3	86.5	93.7	100.9	108.1	115.3	122.5	129.7	136.9	144.1	151.3
GE 200		30.5	39.1	47.7	56.3	64.9	73.5	82.1	90.7	99.3	107.9	116.5	125.1	133.7	142.3	150.9	159.5	168.1	176.7
GE 180		30.9	39.5	48.1	56.7	65.3	73.9	82.5	91.1	99.7	108.3	116.9	125.5	134.1	142.7	151.3	159.9	168.5	177.1
GE 150		31.7	40.3	48.9	57.5	66.1	74.7	83.3	91.9	100.5	109.1	117.7	126.3	134.9	143.5	152.1	160.7	169.3	177.9
GE 120		32.7	41.6	50.2	58.8	67.4	76.0	84.6	93.2	101.8	110.4	119.0	127.6	136.2	144.8	153.4	162.0	170.6	179.2
GE 100		33.3	42.5	51.1	59.7	68.3	76.9	85.5	94.1	102.7	111.3	119.9	128.5	137.1	145.7	154.3	162.9	171.5	180.1
GE 90		33.5	42.7	51.3	59.9	68.5	77.1	85.7	94.3	102.9	111.5	120.1	128.7	137.3	145.9	154.5	163.1	171.7	180.3
GE 80		34.3	44.0	52.6	61.2	69.8	78.4	87.0	95.6	104.2	112.8	121.4	130.0	138.6	147.2	155.8	164.4	173.0	181.6
GE 70		34.4	44.2	52.8	61.4	70.0	78.6	87.2	95.8	104.4	113.0	121.6	130.2	138.8	147.4	156.0	164.6	173.2	181.8
GE 60		34.4	44.5	52.9	61.5	70.1	78.7	87.3	95.9	104.5	113.1	121.7	130.3	138.9	147.5	156.1	164.7	173.3	181.9
GE 50		34.6	44.8	53.4	62.0	70.6	79.2	87.8	96.4	105.0	113.6	122.2	130.8	139.4	148.0	156.6	165.2	173.8	182.4
GE 40		34.6	45.1	53.7	62.3	70.9	79.5	88.1	96.7	105.3	113.9	122.5	131.1	139.7	148.3	156.9	165.5	174.1	182.7
GE 30		34.6	45.1	53.7	62.3	70.9	79.5	88.1	96.7	105.3	113.9	122.5	131.1	139.7	148.3	156.9	165.5	174.1	182.7
GE 20		34.6	45.1	53.7	62.3	70.9	79.5	88.1	96.7	105.3	113.9	122.5	131.1	139.7	148.3	156.9	165.5	174.1	182.7
GE 10		34.6	45.1	53.7	62.3	70.9	79.5	88.1	96.7	105.3	113.9	122.5	131.1	139.7	148.3	156.9	165.5	174.1	182.7
GE 0		34.6	45.1	53.7	62.3	70.9	79.5	88.1	96.7	105.3	113.9	122.5	131.1	139.7	148.3	156.9	165.5	174.1	182.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS(IST): 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		5.9	7.0	8.0	11.1	11.8	14.6	17.4	18.7	19.9	20.9	21.1	21.9	22.5	22.4	22.6
GE 20000	7.8	10.0	11.5	14.0	14.9	18.3	21.6	22.9	24.2	25.7	25.9	26.8	27.1	27.2	27.4	
GE 18000	7.8	10.0	11.5	14.0	15.1	18.4	21.8	23.2	24.5	26.0	26.2	27.1	27.4	27.5	27.7	
GE 16000	8.3	10.4	11.8	14.6	15.7	19.1	22.6	24.1	25.4	26.9	27.1	28.0	28.3	28.4	28.6	
GE 14000	8.8	11.0	12.4	15.5	16.5	20.1	23.5	25.2	26.7	28.2	28.4	29.2	29.6	29.7	29.9	
GE 12000	10.1	12.5	14.7	18.3	19.9	25.5	27.4	29.2	31.0	32.6	32.9	33.9	34.2	34.5	34.6	
GE 10000	10.1	12.5	14.7	18.3	20.0	25.7	27.5	29.4	31.1	32.7	33.0	34.0	34.3	34.4	34.6	
GE 9000	14.0	16.6	19.6	24.1	26.3	30.6	34.9	36.9	38.6	40.3	41.0	41.9	42.5	42.4	42.5	
GE 8000	14.9	17.6	21.2	25.9	28.3	32.7	37.1	39.0	40.8	42.6	43.2	44.2	44.5	44.6	44.8	
GE 7000	14.9	17.6	21.3	25.9	28.4	32.8	37.3	39.2	41.0	42.8	43.4	44.4	44.7	44.8	45.1	
GE 6000	15.9	19.8	22.5	27.1	29.7	34.1	38.8	40.8	42.5	44.5	45.7	46.1	46.5	46.6	46.8	
GE 5000	16.9	19.8	23.5	28.2	30.8	35.3	40.0	42.0	43.8	45.8	46.5	47.4	47.7	47.8	48.1	
GE 4000	19.7	22.8	27.0	32.4	35.5	40.4	45.2	47.3	49.0	51.2	51.9	52.9	53.2	53.3	53.5	
GE 3000	20.8	24.0	28.3	34.1	36.8	41.9	46.7	48.8	50.5	52.7	53.4	54.4	54.7	54.8	55.1	
GE 2000	23.0	27.4	32.2	39.2	42.2	48.3	53.8	56.1	58.2	60.6	61.4	62.5	62.8	62.9	63.3	
GE 1500	25.3	32.6	35.5	43.3	46.3	52.5	58.6	60.9	62.9	65.4	66.1	67.2	67.5	67.7	68.1	
GE 1000	27.8	34.0	39.2	48.0	51.3	58.2	64.4	66.8	68.8	71.1	72.0	73.2	73.5	73.8	74.1	
GE 500	28.2	34.4	39.7	48.4	51.8	58.7	65.1	67.4	69.7	72.2	72.9	74.1	74.4	74.6	74.9	
GE 0	29.4	36.1	42.4	51.6	55.4	62.5	69.4	71.8	74.3	76.9	77.7	79.0	79.4	79.6	79.9	
GE 10000	30.2	37.3	44.0	53.5	57.3	64.7	71.8	74.5	76.9	79.6	80.4	81.7	82.0	82.3	82.6	
GE 17000	30.8	38.3	46.1	56.5	60.6	68.6	76.3	78.9	81.8	84.9	86.1	87.4	87.7	88.0	88.3	
GE 16000	30.8	38.3	46.1	56.5	60.9	68.9	76.7	79.2	82.2	85.3	86.5	87.7	88.1	88.3	88.6	
GE 15000	30.9	38.5	46.5	57.1	61.4	69.9	77.8	80.4	83.3	86.5	87.6	88.9	89.2	89.5	89.8	
GE 14000	30.9	38.5	47.0	58.1	62.4	71.1	79.1	81.8	84.7	87.8	89.0	90.3	90.6	90.9	91.2	
GE 13000	31.0	38.7	47.2	58.7	63.2	72.2	80.3	83.1	86.1	89.2	90.5	91.8	92.2	92.4	92.7	
GE 12000	31.1	39.1	47.8	59.7	64.2	73.4	81.9	84.7	87.7	91.3	92.6	93.9	94.3	94.6	95.3	
GE 11000	31.1	39.1	48.0	60.0	64.5	74.0	82.8	85.7	88.7	92.5	93.8	95.2	95.6	96.1	96.9	
GE 10000	31.1	39.1	48.0	60.0	64.5	74.1	82.9	86.1	89.4	93.5	94.8	96.3	96.8	97.4	98.4	
GE 9000	31.1	39.1	48.0	60.0	64.5	74.1	83.1	86.3	89.9	94.1	95.4	97.1	97.5	98.7	99.7	
GE 8000	31.1	39.1	48.0	60.0	64.5	74.1	83.1	86.3	89.9	94.1	95.4	97.1	97.5	98.7	99.8	
GE 7000	31.1	39.1	48.0	60.0	64.5	74.1	83.1	86.3	89.9	94.1	95.5	97.2	97.6	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 210

GLOBAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING FEET	VISIBILITY IN STATUTE MILES																
	1/8	1/4	1/2	3/4	1	1 1/4	1 1/2	2	3	4	5	6	7	8	9	10	
NO CEILING																	
GE 2000				16.9	23.1	22.0	24.1	24.9	25.4	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5
GE 1800				22.6	25.8	29.0	31.5	32.7	33.4	33.7	33.7	33.9	34.0	34.0	34.0	34.0	34.0
GE 1600				23.8	29.2	30.4	32.0	34.1	34.8	35.1	35.1	35.3	35.4	35.4	35.4	35.4	35.4
GE 1400				24.7	29.1	31.4	34.2	35.4	36.1	36.3	36.3	36.6	36.7	36.7	36.7	36.7	36.7
GE 1200				25.5	30.1	32.9	35.7	36.9	37.7	38.1	38.1	38.3	38.4	38.4	38.4	38.4	38.4
GE 1000				27.6	32.9	36.2	39.7	41.0	42.0	42.4	42.5	42.7	42.8	42.8	42.8	42.8	42.8
GE 800				28.0	33.1	36.5	39.9	41.2	42.3	42.7	42.8	43.0	43.1	43.1	43.1	43.1	43.1
GE 600				31.6	37.5	41.8	45.5	46.9	48.1	48.6	48.7	48.9	49.0	49.0	49.0	49.0	49.0
GE 400				33.0	39.1	43.5	47.3	48.7	50.0	50.5	50.6	50.9	51.0	51.0	51.0	51.0	51.0
GE 200				33.2	39.4	43.8	47.6	49.0	50.3	50.9	51.0	51.2	51.3	51.3	51.3	51.3	51.3
GE 100				34.7	41.2	45.7	49.7	51.1	52.4	52.9	53.1	53.3	53.4	53.4	53.4	53.4	53.4
GE 50				35.7	42.2	46.7	50.7	52.0	53.3	54.0	54.2	54.4	54.5	54.5	54.5	54.5	54.5
GE 30				38.8	45.3	49.9	53.9	55.3	56.6	57.2	57.4	57.7	58.2	58.2	58.2	58.2	58.2
GE 20				39.9	46.7	51.5	55.5	56.9	58.2	58.8	59.0	59.4	59.8	59.8	59.8	59.8	59.8
GE 10				45.7	53.2	58.8	63.5	65.3	66.9	67.6	67.8	68.6	69.1	69.2	69.2	69.2	69.2
GE 5				49.5	57.3	63.1	68.1	70.0	71.7	72.5	72.7	73.4	74.0	74.1	74.1	74.1	74.1
GE 3				52.8	61.3	67.5	73.4	75.4	77.5	78.4	78.7	79.5	80.1	80.3	80.3	80.3	80.3
GE 2				53.1	61.6	68.4	74.4	75.9	78.1	78.9	79.2	80.0	80.6	80.9	80.9	80.9	80.9
GE 1 1/2				56.2	65.3	72.9	79.1	81.2	83.3	84.3	84.6	85.4	86.0	86.2	86.2	86.2	86.2
GE 1 1/4				57.2	65.6	74.9	81.3	83.3	85.6	86.6	87.0	87.7	88.4	88.6	88.6	88.6	88.6
GE 1 1/2				58.9	69.0	78.1	84.7	87.2	89.5	90.8	91.2	91.9	92.6	92.8	92.8	92.8	92.8
GE 1 1/4				59.1	69.2	78.3	85.0	87.4	89.7	91.0	91.4	92.2	92.8	93.0	93.0	93.0	93.0
GE 1 1/4				59.4	69.7	78.7	85.1	88.4	90.8	92.5	92.9	93.7	94.4	94.6	94.6	94.6	94.6
GE 1 1/4				59.7	70.4	79.6	86.7	89.4	91.9	93.9	94.3	95.2	95.9	96.1	96.1	96.1	96.1
GE 1 1/4				60.0	71.2	80.4	88.1	90.4	93.1	95.5	95.9	96.9	97.6	97.8	97.8	97.8	97.8
GE 1 1/4				60.2	71.6	80.9	88.7	91.0	94.1	96.6	97.0	98.0	98.8	99.1	99.1	99.2	99.2
GE 1 1/4				60.2	71.6	80.9	88.7	91.5	94.4	97.0	97.4	98.5	99.4	99.7	99.7	99.8	99.8
GE 1 1/4				60.2	71.5	80.9	88.7	91.5	94.4	97.0	97.4	98.5	99.5	99.8	99.9	100.0	100.0
GE 1 1/4				60.2	71.5	80.9	88.7	91.5	94.4	97.0	97.4	98.5	99.5	99.8	99.9	100.0	100.0
GE 1 1/4				60.2	71.6	80.9	88.7	91.5	94.4	97.0	97.4	98.5	99.5	99.8	99.9	100.0	100.0
GE 1 1/4				61.2	71.5	80.9	88.7	91.5	94.4	97.0	97.4	98.5	99.5	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/AFAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	79.4	31.1	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 2000	38.5	41.5	41.9	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 1800	39.8	42.0	43.4	43.7	43.8	44.1	44.1	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 1600	39.9	42.2	43.5	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 1400	41.2	43.4	44.8	45.2	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 1200	42.0	44.3	45.9	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 1000	46.3	48.7	50.5	51.1	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 900	46.6	48.9	50.8	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 800	51.1	54.3	56.3	57.0	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 700	52.6	55.5	58.3	59.1	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 600	52.7	56.1	58.4	59.2	59.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 500	54.4	58.0	60.2	61.9	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 400	54.9	58.5	60.8	61.9	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 300	59.0	62.5	65.2	66.3	66.3	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 200	61.2	64.9	67.5	68.7	68.7	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 100	71.0	75.0	79.2	80.6	80.6	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	74.2	79.4	82.8	84.2	84.2	84.8	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	77.2	82.5	86.2	88.4	88.4	89.0	89.4	89.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	77.5	82.9	86.7	88.8	88.8	89.5	89.8	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2
GE 1600	79.1	84.7	88.7	91.1	91.2	92.2	92.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1
GE 1400	80.4	85.2	90.5	93.0	93.1	94.2	94.6	94.7	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	81.4	87.6	92.2	94.9	95.2	96.5	97.0	97.1	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	81.5	87.7	92.4	95.2	95.4	96.7	97.2	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	82.0	88.3	92.9	95.7	95.9	97.2	97.8	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	82.7	88.9	93.5	96.3	96.6	97.8	98.5	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	82.7	88.9	93.7	96.6	96.8	98.1	98.7	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	82.8	89.0	93.8	96.7	96.9	98.2	98.8	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	83.0	89.2	94.0	96.9	97.1	98.4	99.1	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	83.0	89.2	94.0	96.9	97.1	98.4	99.1	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	83.0	89.2	94.0	96.9	97.1	98.4	99.1	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	83.0	89.2	94.0	96.9	97.1	98.4	99.1	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	83.0	89.2	94.0	96.9	97.1	98.4	99.1	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9

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: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.7	35.5	35.9	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 20000	45.8	45.6	47.0	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 18000	46.6	47.3	47.7	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 16000	46.6	47.3	47.7	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 14000	47.6	48.8	49.2	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 12000	49.0	53.3	50.8	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 10000	53.8	55.2	55.6	56.2	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 9000	54.2	55.6	56.1	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 8000	59.4	61.0	61.7	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 7000	61.0	62.9	63.9	64.8	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 6000	61.2	63.1	64.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	63.2	65.3	66.6	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500	63.5	65.6	66.9	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4000	67.3	69.5	71.1	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3500	69.8	72.0	73.7	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	81.1	83.9	85.6	87.0	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2500	82.7	85.7	87.6	89.0	89.1	89.2	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	84.1	87.2	89.2	90.6	90.8	90.9	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	84.2	87.3	89.4	90.8	90.9	91.0	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	85.7	88.9	91.3	93.0	93.1	93.3	93.4	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	86.1	89.5	91.8	93.7	93.8	94.0	94.1	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	87.6	91.4	93.9	96.2	96.3	96.8	97.4	97.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	87.6	91.4	93.9	96.2	96.3	96.8	97.5	97.7	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	88.2	91.9	94.4	96.8	96.9	97.3	98.1	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	88.2	91.9	94.4	96.8	96.9	97.3	98.1	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	88.3	92.0	94.5	97.0	97.1	97.5	98.3	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	88.3	92.0	94.6	97.1	97.3	98.0	98.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	88.3	92.0	94.6	97.1	97.3	98.0	98.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.3	92.0	94.6	97.1	97.3	98.0	98.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.3	92.0	94.6	97.1	97.3	98.0	98.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	88.3	92.0	94.6	97.1	97.3	98.0	98.8	99.1	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: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 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	GE 1 1/2	GE 1	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	41.8	42.5	43.5	43.8	43.8	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	51.1	52.2	53.2	53.9	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 18000	51.3	52.6	53.8	54.7	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 16000	51.3	52.6	53.8	54.7	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 14000	53.0	54.5	55.7	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 12000	54.5	56.1	57.3	58.3	58.3	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 10000	59.9	61.7	63.0	64.0	64.0	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 9000	60.2	62.0	63.4	64.4	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	63.4	65.3	66.8	67.8	67.8	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 7000	64.9	67.0	68.5	69.6	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	64.9	67.0	68.5	69.6	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 5000	66.9	68.9	70.6	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	67.0	69.0	70.9	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	71.8	74.1	76.0	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	73.4	75.9	77.8	79.2	79.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	79.1	82.2	84.7	86.7	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	80.0	83.1	85.9	87.8	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2000	81.6	85.2	88.2	90.1	90.3	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 1900	81.8	85.4	88.4	90.3	90.6	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6
GE 1800	83.0	85.8	90.2	92.6	92.9	93.7	93.8	94.0	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4
GE 1700	83.1	86.9	90.5	93.0	93.4	94.3	94.4	94.6	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1
GE 1600	84.3	88.2	91.9	94.9	95.6	96.9	97.1	97.5	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
GE 1500	84.6	88.5	92.3	95.3	95.9	97.2	97.4	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 1400	84.6	88.6	92.4	95.4	96.0	97.5	97.8	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 1300	84.6	88.6	92.4	95.4	96.0	97.6	98.0	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	84.6	88.6	92.4	95.4	96.0	97.7	98.1	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 1100	84.6	88.7	92.5	95.6	96.2	98.0	98.4	99.0	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	84.6	88.7	92.5	95.6	96.5	98.2	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	84.6	88.7	92.5	95.6	96.5	98.2	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	84.6	88.7	92.5	95.6	96.5	98.2	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	84.6	88.7	92.5	95.6	96.5	98.2	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	84.6	88.7	92.5	95.6	96.5	98.2	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	84.6	88.7	92.5	95.6	96.5	98.2	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	84.6	88.7	92.5	95.6	96.5	98.2	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	84.6	88.7	92.5	95.6	96.5	98.2	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	84.6	88.7	92.5	95.6	96.5	98.2	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.6	88.7	92.5	95.6	96.5	98.2	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	84.6	88.7	92.5	95.6	96.5	98.2	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2 1/2	GE 2 1/4	GE 2 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL]	39.2	42.2	43.5	45.0	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 20000]	46.2	53.2	51.6	53.8	53.9	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000]	46.3	53.4	51.8	54.0	54.1	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 16000]	46.3	53.4	51.8	54.0	54.1	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 14000]	46.7	53.9	52.3	54.6	54.7	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 12000]	47.4	51.8	53.4	55.8	56.1	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000]	51.8	56.5	58.2	61.0	61.4	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 9000]	51.9	56.6	58.3	61.1	61.5	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 8000]	54.8	59.8	61.8	64.5	64.9	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000]	55.5	63.8	62.9	65.7	66.0	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 6000]	55.5	63.8	62.9	65.7	66.0	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 5000]	56.7	62.0	64.0	67.1	67.4	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4500]	56.8	62.3	64.4	67.5	67.8	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4000]	60.5	65.6	69.1	72.8	73.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500]	62.5	69.8	71.3	74.9	75.3	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000]	68.4	75.5	78.7	82.9	83.4	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500]	69.6	75.9	80.3	84.6	85.1	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000]	71.5	79.2	82.9	87.5	88.1	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1800]	71.6	79.3	83.1	87.8	88.4	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500]	73.1	81.1	84.9	90.3	90.6	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200]	73.8	82.0	85.9	91.0	91.6	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000]	74.1	82.7	87.0	92.2	93.4	95.7	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900]	74.3	82.9	87.2	92.5	93.6	95.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800]	74.5	83.2	87.6	93.1	94.3	96.7	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700]	74.5	83.2	87.6	93.1	94.3	96.7	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600]	74.6	83.4	87.9	93.5	94.7	97.1	98.0	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500]	74.6	83.5	88.1	93.8	94.9	97.5	98.5	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400]	74.7	83.6	88.2	94.7	95.2	97.7	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300]	74.7	83.6	88.2	94.1	95.3	97.8	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200]	74.7	83.6	88.2	94.1	95.3	97.8	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100]	74.7	83.6	88.2	94.1	95.3	97.8	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0]	74.7	83.6	88.2	94.1	95.3	97.8	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.7	26.8	28.4	30.5	31.0	32.0	32.6	33.0	33.3	33.4	33.5	33.6	33.7	33.7	33.7	
GE 20000	31.0	33.6	35.6	38.1	38.7	39.9	40.7	41.1	41.4	41.7	41.7	41.9	41.9	41.9	41.9	42.0
GE 18000	31.5	34.3	36.2	38.8	39.3	40.6	41.4	41.8	42.1	42.4	42.4	42.5	42.6	42.6	42.7	42.7
GE 16000	31.5	34.3	36.2	38.8	39.4	40.7	41.5	41.8	42.2	42.4	42.5	42.6	42.7	42.7	42.7	42.7
GE 14000	32.3	35.2	37.1	39.3	40.4	41.7	42.5	42.9	43.2	43.5	43.5	43.7	43.7	43.7	43.7	43.8
GE 12000	33.1	36.1	38.2	40.9	41.5	42.9	43.7	44.2	44.5	44.8	44.8	45.0	45.0	45.1	45.1	45.1
GE 10000	36.5	39.7	42.1	45.3	46.0	47.5	48.4	48.9	49.3	49.5	49.6	49.8	49.8	49.9	49.9	49.9
GE 9000	36.6	39.9	42.3	45.6	46.3	47.8	48.7	49.2	49.5	49.8	49.9	50.1	50.1	50.2	50.2	50.2
GE 8000	40.2	44.0	45.8	50.4	51.3	52.9	53.9	54.5	54.9	55.2	55.3	55.5	55.5	55.6	55.6	55.6
GE 7000	41.3	45.2	48.2	51.9	52.8	54.4	55.5	56.0	56.5	56.8	56.9	57.1	57.1	57.2	57.2	57.2
GE 6000	41.3	45.3	48.3	52.0	52.9	54.5	55.6	56.2	56.6	56.9	57.0	57.2	57.2	57.3	57.3	57.3
GE 5000	42.7	46.8	49.9	53.8	54.7	56.4	57.5	58.1	58.5	58.9	58.9	59.1	59.2	59.2	59.2	59.3
GE 4500	43.3	47.4	50.6	54.6	55.5	57.2	58.3	58.9	59.3	59.6	59.7	59.9	60.0	60.0	60.0	60.0
GE 4000	46.9	51.5	55.1	59.5	60.4	62.3	63.4	64.0	64.4	64.8	64.9	65.1	65.2	65.2	65.3	65.3
GE 3500	48.6	53.4	57.1	61.5	62.5	64.4	65.5	66.1	66.6	67.0	67.1	67.3	67.3	67.4	67.4	67.4
GE 3000	54.9	60.6	65.0	70.1	71.2	73.5	74.9	75.6	76.2	76.6	76.7	77.0	77.0	77.1	77.1	77.1
GE 2500	57.0	63.1	67.6	73.0	74.2	76.5	78.0	78.8	79.4	79.8	80.0	80.2	80.2	80.3	80.3	80.3
GE 2000	59.1	65.5	70.5	76.5	77.8	80.3	81.9	82.7	83.4	83.8	84.0	84.2	84.3	84.3	84.4	84.4
GE 1800	59.3	65.8	70.9	77.0	78.3	80.9	82.5	83.2	84.0	84.5	84.6	84.8	84.9	84.9	85.0	85.0
GE 1500	61.0	67.9	73.4	80.0	81.4	84.2	86.0	86.8	87.6	88.1	88.2	88.5	88.5	88.6	88.6	88.6
GE 1200	61.7	68.9	74.7	81.3	82.8	85.7	87.6	88.4	89.3	89.8	89.9	90.2	90.2	90.3	90.3	90.3
GE 1000	62.7	70.2	76.4	83.7	85.5	88.7	91.0	91.9	92.8	93.4	93.5	93.8	93.9	93.9	94.0	94.0
GE 900	62.8	70.4	76.6	83.9	85.8	89.0	91.2	92.2	93.1	93.7	93.8	94.1	94.2	94.2	94.2	94.2
GE 800	63.2	70.9	77.2	84.6	86.5	89.9	92.3	93.3	94.2	94.8	95.0	95.3	95.3	95.3	95.4	95.4
GE 700	63.3	71.1	77.5	85.1	87.0	90.5	92.9	93.9	94.8	95.5	95.7	95.9	96.0	96.0	96.1	96.1
GE 600	63.4	71.4	77.8	85.6	87.5	91.2	93.7	94.7	95.7	96.4	96.6	96.8	96.9	96.9	97.0	97.0
GE 500	63.5	71.6	78.1	86.2	88.1	91.9	94.5	95.6	96.7	97.4	97.6	97.9	98.0	98.1	98.2	98.2
GE 400	63.6	71.7	78.2	86.4	88.4	92.2	95.1	96.2	97.3	98.1	98.3	98.6	98.7	98.8	98.9	98.9
GE 300	63.6	71.7	78.2	86.4	88.4	92.3	95.2	96.3	97.6	98.5	98.8	99.1	99.2	99.3	99.5	99.5
GE 200	63.6	71.7	78.2	86.4	88.4	92.3	95.2	96.4	97.7	98.7	98.9	99.3	99.4	99.6	99.9	99.9
GE 100	63.6	71.7	78.2	86.4	88.4	92.3	95.2	96.4	97.7	98.7	98.9	99.3	99.4	99.6	99.9	99.9
GE 0	63.6	71.7	78.2	86.4	88.4	92.3	95.2	96.4	97.7	98.7	99.0	99.4	99.5	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 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		27.6	32.9	37.0	42.1	42.5	44.4	45.8	45.8	46.6	46.6	46.8	46.8	46.8	46.8	46.8
GE 20000		31.4	37.6	42.1	47.7	48.1	50.1	51.5	51.5	52.3	52.3	52.5	52.5	52.5	52.5	52.5
GE 18000		31.5	37.7	42.2	47.8	48.2	50.2	51.6	51.6	52.4	52.4	52.6	52.6	52.6	52.6	52.6
GE 16000		31.5	37.7	42.2	48.0	48.3	50.3	51.7	51.7	52.5	52.5	52.7	52.7	52.7	52.7	52.7
GE 14000		31.6	37.8	42.5	48.3	48.6	50.6	52.0	52.0	52.8	52.8	53.0	53.0	53.0	53.0	53.0
GE 12000		32.5	38.9	43.5	49.4	49.7	51.8	53.2	53.2	54.0	54.0	54.2	54.2	54.2	54.2	54.2
GE 10000		36.5	44.1	48.8	54.7	55.2	57.9	59.3	59.3	60.0	60.0	60.2	60.2	60.2	60.2	60.2
GE 9000		36.5	44.2	48.9	54.8	55.4	58.1	59.5	59.5	60.2	60.2	60.5	60.5	60.5	60.5	60.5
GE 8000		41.7	53.2	55.4	61.6	62.2	65.0	66.5	66.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7
GE 7000		42.6	51.1	56.3	62.6	63.1	65.9	67.5	67.5	68.4	68.4	68.6	68.6	68.6	68.6	68.6
GE 6000		43.1	51.6	56.8	63.3	63.8	66.6	68.1	68.1	69.1	69.1	69.3	69.3	69.3	69.3	69.3
GE 5000		45.0	53.6	58.9	65.6	66.2	69.0	70.5	70.5	71.4	71.4	71.7	71.7	71.7	71.7	71.7
GE 4500		45.3	53.9	59.3	65.9	66.5	69.3	70.8	70.8	71.8	71.8	72.1	72.1	72.1	72.1	72.1
GE 4000		49.9	59.9	65.0	71.8	72.3	75.1	76.7	76.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0
GE 3500		51.5	60.9	67.1	74.5	75.1	77.9	79.5	79.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8
GE 3000		54.7	64.9	71.7	79.4	80.1	82.9	84.8	85.0	86.1	86.2	86.4	86.4	86.4	86.4	86.4
GE 2500		55.9	65.9	74.0	82.0	83.0	85.8	87.7	87.9	89.0	89.1	89.3	89.3	89.3	89.3	89.3
GE 2000		57.2	68.5	75.8	84.2	85.1	87.9	89.9	90.1	91.2	91.3	91.5	91.5	91.5	91.5	91.5
GE 1800		57.9	69.3	76.6	85.1	86.1	89.0	90.9	91.2	92.2	92.3	92.6	92.6	92.6	92.6	92.6
GE 1500		58.6	70.7	78.3	87.0	87.9	91.2	93.1	93.3	94.4	94.6	94.8	94.8	94.8	94.8	94.8
GE 1200		58.6	71.1	78.9	87.6	88.8	92.0	94.0	94.2	95.3	95.5	95.7	95.7	95.7	95.7	95.7
GE 1000		59.3	71.9	80.0	89.0	90.2	93.5	95.5	95.7	96.8	97.0	97.2	97.3	97.3	97.3	97.4
GE 900		59.3	71.9	80.0	89.0	90.2	93.5	95.5	95.7	96.8	97.0	97.2	97.3	97.3	97.3	97.4
GE 800		59.6	72.4	80.7	89.9	91.1	94.4	96.3	96.6	97.7	98.0	98.2	98.3	98.3	98.3	98.4
GE 700		59.6	72.7	81.0	90.2	91.4	94.7	97.0	97.2	98.4	98.6	98.8	98.9	98.9	98.9	99.0
GE 600		59.6	72.7	81.0	90.2	91.4	94.7	97.0	97.2	98.5	98.7	98.9	99.0	99.0	99.0	99.1
GE 500		59.6	72.7	81.0	90.2	91.5	94.8	97.1	97.3	98.6	98.8	99.0	99.1	99.1	99.1	99.2
GE 400		59.6	72.7	81.0	90.2	91.5	94.8	97.1	97.3	98.6	98.8	99.0	99.1	99.1	99.1	99.2
GE 300		59.6	72.7	81.0	90.2	91.5	94.8	97.2	97.4	98.7	98.9	99.1	99.2	99.2	99.2	99.4
GE 200		59.6	72.7	81.0	90.2	91.5	94.9	97.3	97.5	99.0	99.2	99.5	99.7	99.7	99.7	99.8
GE 100		59.6	72.7	81.0	90.2	91.5	94.9	97.3	97.5	99.0	99.2	99.5	99.7	99.7	99.7	99.8
GE 0		59.7	72.8	81.1	90.4	91.7	95.2	97.5	97.7	99.2	99.5	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 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	18.7	23.6	22.0	25.7	27.1	31.0	32.9	33.8	34.9	35.4	35.4	35.5	35.7	35.9	36.5	
GE 2000	21.9	24.8	26.2	30.2	31.8	36.5	38.4	39.4	40.5	41.0	41.0	41.1	41.3	41.5	42.0	
GE 1800	22.2	25.1	26.5	30.4	32.0	36.7	38.6	39.6	40.8	41.2	41.2	41.3	41.5	41.7	42.3	
GE 1600	22.2	25.1	26.5	30.4	32.0	36.7	38.6	39.6	40.8	41.2	41.2	41.3	41.5	41.7	42.3	
GE 1400	22.2	25.1	26.5	30.4	32.0	36.7	38.6	39.6	40.8	41.2	41.2	41.3	41.5	41.7	42.3	
GE 1200	22.8	25.7	27.1	31.1	32.7	37.5	39.5	40.4	41.6	42.0	42.0	42.2	42.4	42.6	43.1	
GE 1000	27.2	33.9	32.4	37.1	38.7	44.1	46.1	47.4	48.6	49.0	49.0	49.1	49.4	49.6	50.1	
GE 900	27.3	31.2	32.7	37.4	39.0	44.4	46.5	47.7	48.9	49.4	49.4	49.5	49.7	49.9	50.4	
GE 800	31.8	36.5	38.6	43.5	45.6	51.1	53.5	54.8	56.1	56.6	56.8	56.9	57.1	57.3	57.8	
GE 700	33.2	38.0	40.1	45.1	47.1	52.6	55.1	56.3	57.6	58.1	58.3	58.4	58.6	58.8	59.4	
GE 600	33.5	38.3	40.4	45.4	47.4	52.9	55.4	56.7	58.0	58.4	58.6	58.7	58.9	59.1	59.7	
GE 500	34.9	39.8	42.5	47.5	49.6	55.3	57.7	59.0	60.3	60.8	61.0	61.1	61.3	61.5	62.0	
GE 450	35.1	40.0	42.7	47.8	50.1	55.8	58.3	59.6	60.9	61.3	61.5	61.6	61.8	62.0	62.6	
GE 400	38.7	43.8	47.0	53.1	55.6	61.4	64.6	65.9	67.2	67.6	67.8	68.0	68.2	68.4	68.9	
GE 350	39.8	45.3	48.7	55.2	57.6	63.5	66.8	68.1	69.4	69.8	70.0	70.1	70.3	70.5	71.1	
GE 300	43.9	49.9	53.8	61.7	64.2	70.9	74.4	75.7	77.2	77.6	78.0	78.1	78.3	78.5	79.0	
GE 250	45.1	51.4	55.7	63.8	66.2	73.0	76.7	78.0	79.5	79.9	80.2	80.3	80.5	80.8	81.3	
GE 200	46.6	53.4	58.1	67.0	69.5	76.3	80.0	81.5	83.2	83.8	84.1	84.2	84.4	84.6	85.2	
GE 180	46.8	53.9	58.6	67.6	70.2	77.1	80.9	82.4	84.1	84.6	84.9	85.1	85.3	85.5	86.0	
GE 160	47.4	54.6	59.5	68.7	71.3	78.3	82.4	83.9	85.6	86.1	86.5	86.7	86.9	87.1	87.6	
GE 140	47.8	55.3	60.2	69.6	72.2	79.2	83.3	84.8	86.6	87.2	87.5	87.7	88.0	88.2	88.7	
GE 120	48.6	55.1	61.3	70.8	73.5	81.0	85.1	86.7	88.6	89.2	89.7	89.9	90.1	90.3	90.9	
GE 100	48.6	55.1	61.3	71.0	73.8	81.2	85.3	86.9	88.8	89.5	89.9	90.1	90.3	90.5	91.1	
GE 80	49.1	56.7	61.9	71.6	74.5	82.0	86.5	88.1	90.1	90.9	91.3	91.5	91.7	91.9	92.5	
GE 70	49.1	56.8	62.0	71.9	74.7	82.6	87.1	88.7	90.9	91.6	92.0	92.3	92.5	92.7	93.2	
GE 60	49.1	56.8	62.2	71.9	75.2	83.0	87.6	89.2	91.4	92.2	92.6	92.8	93.0	93.2	93.8	
GE 50	49.2	56.9	62.3	72.3	75.6	83.8	88.5	90.1	92.3	93.1	93.5	93.8	94.0	94.2	94.7	
GE 40	49.4	57.0	62.4	72.4	75.7	84.2	89.0	90.8	93.0	93.9	94.3	94.5	94.7	94.9	95.5	
GE 30	49.4	57.0	62.4	72.4	75.7	84.2	89.0	90.8	93.5	94.7	95.2	95.8	96.0	96.2	96.8	
GE 20	49.4	57.0	62.4	72.4	75.8	84.5	89.6	91.3	94.1	95.3	95.9	97.2	97.4	97.6	98.7	
GE 10	49.4	57.0	62.4	72.4	75.8	84.5	89.6	91.3	94.1	95.3	96.0	97.5	97.8	98.1	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: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
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		14.5	15.6	18.2	21.3	22.4	24.1	27.4	28.2	29.0	30.0	30.2	31.2	31.6	31.8	32.7	
GE 2000	17.0	19.6	21.5	25.3	26.5	28.7	32.5	33.5	34.8	35.8	36.1	37.1	37.5	37.7	38.6		
GE 1800	17.0	19.6	21.5	25.3	26.5	28.7	32.5	33.5	34.8	35.8	36.1	37.1	37.5	37.7	38.6		
GE 1600	17.0	19.6	21.5	25.3	26.5	28.7	32.5	33.5	34.8	35.8	36.1	37.1	37.5	37.7	38.6		
GE 1400	17.2	19.8	21.8	25.7	26.9	29.1	33.0	34.1	35.4	36.3	36.7	37.6	38.2	38.4	39.2		
GE 1200	18.4	21.1	23.1	27.1	28.5	30.9	35.2	36.2	37.5	38.5	38.8	39.8	40.3	40.5	41.4		
GE 1000	22.8	25.9	28.7	33.2	34.7	37.5	42.0	43.2	44.7	45.7	46.0	47.1	47.6	47.8	48.7		
GE 900	23.5	26.7	29.5	34.0	35.5	38.3	42.8	44.0	45.5	46.5	46.8	47.8	48.4	48.6	49.5		
GE 800	29.2	33.2	36.6	42.2	43.9	47.1	52.3	53.7	55.4	56.5	56.8	57.8	58.4	58.6	59.5		
GE 700	31.2	35.4	38.7	44.4	46.1	49.4	54.6	56.0	57.7	58.8	59.1	60.2	60.8	61.0	61.8		
GE 600	31.4	35.6	38.9	44.6	46.3	49.6	54.8	56.2	57.9	59.0	59.4	60.4	61.0	61.2	62.0		
GE 500	33.0	37.4	40.8	46.5	48.2	51.4	56.7	58.1	59.8	60.9	61.2	62.3	62.8	63.0	63.9		
GE 450	33.0	37.4	40.8	46.5	48.2	51.4	56.8	58.2	59.9	61.0	61.3	62.4	62.9	63.1	64.0		
GE 400	36.2	41.2	44.8	51.4	53.1	56.7	62.5	64.0	65.8	66.9	67.2	68.3	68.8	69.0	69.9		
GE 350	38.0	43.3	47.1	54.1	55.9	59.6	65.4	66.9	68.7	69.8	70.1	71.2	71.7	71.9	72.8		
GE 300	41.1	47.6	52.0	59.7	61.5	65.6	71.5	73.5	75.7	76.8	77.1	78.3	78.8	79.0	79.9		
GE 250	43.1	49.7	54.4	62.4	64.3	68.5	74.5	76.7	78.8	79.9	80.2	81.6	82.2	82.4	83.2		
GE 200	43.8	50.8	55.9	64.4	66.3	70.8	77.1	79.2	81.7	82.9	83.2	84.8	85.4	85.6	86.5		
GE 180	44.0	51.0	56.1	64.6	66.6	71.1	77.4	79.6	82.0	83.2	83.5	85.2	85.7	85.9	86.8		
GE 150	44.4	51.8	57.1	65.9	67.7	72.3	78.8	81.1	83.5	84.7	85.1	86.7	87.2	87.4	88.3		
GE 120	44.6	52.0	57.5	66.6	68.5	73.0	79.6	81.8	84.4	85.6	85.9	87.5	88.1	88.3	89.1		
GE 100	44.7	52.2	57.6	66.8	68.7	73.3	80.0	82.3	85.1	86.3	86.7	88.3	88.8	89.0	89.9		
GE 90	44.8	52.3	57.7	67.0	68.9	73.5	80.3	82.6	85.4	86.7	87.0	88.6	89.1	89.4	90.2		
GE 80	45.1	52.7	58.3	67.5	69.6	74.4	81.3	83.8	86.6	88.0	88.4	90.1	90.6	90.9	91.7		
GE 70	45.3	52.9	58.6	68.1	70.2	75.2	82.2	84.6	87.4	88.8	89.2	91.0	91.6	91.8	92.7		
GE 60	45.3	53.0	58.7	68.2	70.3	75.6	82.7	85.2	88.1	89.6	90.0	91.7	92.4	92.6	93.4		
GE 50	45.3	53.1	58.9	68.5	70.8	76.1	83.2	85.9	89.0	90.8	91.2	93.0	93.7	93.9	94.9		
GE 40	45.4	53.2	59.0	68.6	70.9	76.5	83.8	86.5	89.9	91.6	92.0	93.9	94.5	94.7	95.9		
GE 30	45.4	53.2	59.0	68.6	70.9	76.5	83.8	86.5	90.0	91.9	92.5	94.8	95.6	96.1	98.0		
GE 20	45.4	53.2	59.0	68.6	70.9	76.5	83.8	86.5	90.0	92.2	92.7	95.2	96.0	96.8	98.8		
GE 10	45.4	53.2	59.0	68.6	70.9	76.5	83.8	86.5	90.0	92.2	92.7	95.3	96.1	96.9	99.9		
GE 0		45.4	53.2	59.0	68.6	70.9	76.5	83.8	86.5	90.0	92.2	92.7	95.3	96.2	100.0		

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-66
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	28.5	29.9	31.5	33.0	33.2	34.3	34.3	34.3	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 2000	32.6	34.6	36.8	39.7	38.9	40.1	40.1	40.1	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 1800	32.6	34.6	36.8	39.7	38.9	40.1	40.1	40.1	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 1600	32.7	34.7	36.9	38.8	39.0	40.2	40.2	40.2	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 1400	33.4	35.5	37.7	39.7	39.9	41.1	41.1	41.1	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 1200	35.3	37.5	40.1	42.5	42.5	43.7	43.7	43.7	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 1000	39.8	42.4	45.3	47.4	47.7	49.2	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 900	40.6	43.4	46.3	48.5	48.8	50.3	50.3	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 800	49.7	53.2	56.8	59.2	59.7	61.5	61.6	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 700	51.2	54.8	58.4	61.0	61.4	63.2	63.4	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 600	51.7	55.4	58.9	61.5	61.9	63.8	64.0	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 500	53.0	56.8	60.3	63.0	63.4	65.3	65.5	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 450	53.2	57.0	60.5	63.2	63.7	65.5	65.7	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 400	58.0	62.0	66.0	69.1	69.6	71.7	72.2	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 350	61.6	65.8	69.9	73.2	73.7	75.8	76.2	76.2	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 300	69.7	74.7	79.2	82.9	83.4	85.7	86.3	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 250	71.4	77.0	81.6	85.4	85.9	88.2	89.0	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 200	72.7	78.4	83.3	87.4	88.0	90.5	91.5	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 180	72.8	78.5	83.4	87.5	88.1	90.8	91.8	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 150	74.4	80.4	85.5	89.7	90.4	93.2	94.5	94.6	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 120	74.9	81.1	86.2	90.4	91.2	94.0	95.3	95.4	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 100	75.4	81.7	87.0	91.3	92.0	94.8	96.2	96.3	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 90	75.4	81.7	87.0	91.4	92.2	94.9	96.3	96.5	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 80	75.4	81.7	87.2	91.4	92.6	95.4	96.8	96.9	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 70	75.4	81.7	87.3	92.0	92.8	95.6	97.2	97.3	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 60	75.6	82.0	87.6	92.4	93.1	96.0	98.0	98.1	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 50	75.6	82.2	87.7	92.4	93.2	96.1	98.1	98.3	98.9	99.2	99.5	99.6	99.6	99.6	99.6	99.6
GE 40	75.6	82.2	87.7	92.5	93.2	96.1	98.1	98.3	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7
GE 30	75.6	82.2	87.7	92.5	93.2	96.1	98.1	98.3	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8
GE 20	75.6	82.2	87.7	92.5	93.2	96.1	98.1	98.3	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9
GE 10	75.6	82.2	87.7	92.5	93.2	96.1	98.1	98.3	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9
GE 0	75.6	82.2	87.7	92.6	93.3	96.2	98.2	98.4	99.1	99.5	99.9	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: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	34.9	36.1	36.3	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 2000	41.5	42.7	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	
GE 1800	41.9	43.1	43.4	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 1600	41.9	43.1	43.4	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 1400	43.5	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	45.3	
GE 1200	45.9	47.1	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	
GE 1000	49.4	51.1	51.5	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 900	49.9	51.6	52.2	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 800	58.9	61.0	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	
GE 700	61.0	63.1	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	
GE 600	61.0	63.1	63.9	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 500	62.7	64.8	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
GE 450	63.2	65.4	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	
GE 400	68.0	70.4	71.5	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
GE 350	71.3	73.8	74.8	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	
GE 300	85.3	88.7	89.8	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
GE 250	86.9	90.4	91.5	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
GE 200	88.8	92.6	94.1	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	
GE 180	89.2	93.0	94.5	95.5	95.5	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	
GE 160	91.1	95.2	96.7	98.0	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	
GE 140	91.8	96.0	97.5	98.9	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	
GE 120	91.9	96.1	97.6	99.0	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	
GE 100	91.9	95.1	97.6	99.0	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	
GE 80	91.9	95.1	97.6	99.0	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	
GE 60	91.9	95.1	97.6	99.0	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	
GE 50	91.9	95.1	97.6	99.0	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	
GE 40	91.9	95.1	97.6	99.0	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	
GE 30	91.9	95.1	97.6	99.0	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	
GE 20	91.9	95.1	97.6	99.0	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	
GE 10	91.9	95.1	97.6	99.0	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	
GE 0	91.9	95.3	97.8	99.2	99.4	99.6	99.9	99.9	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: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	39.1	39.6	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	
GE 20000	48.2	49.1	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	
GE 15000	48.5	49.5	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	
GE 16000	48.6	49.6	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 14000	49.4	52.3	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	
GE 12000	51.6	52.6	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
GE 10000	57.1	59.4	58.6	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	
GE 9000	57.1	58.5	58.7	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
GE 8000	65.2	65.7	67.0	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
GE 7000	67.8	69.4	69.9	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
GE 6000	68.4	69.9	70.5	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	
GE 5000	70.1	71.6	72.6	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
GE 4500	70.5	72.0	73.0	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	
GE 4000	74.0	75.8	75.9	78.0	78.1	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
GE 3500	77.0	79.0	80.1	81.2	81.4	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	
GE 3000	85.8	88.4	89.9	91.3	91.6	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
GE 2500	87.2	89.8	91.3	92.7	93.0	93.7	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 2000	89.1	92.0	93.5	95.2	95.5	96.1	96.3	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 1800	89.4	92.3	93.8	95.4	95.7	96.3	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
GE 1600	90.1	93.2	94.7	96.3	96.7	97.3	97.6	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 1400	90.8	94.1	95.6	97.2	97.5	98.2	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1200	90.8	94.1	95.6	97.7	97.6	98.3	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 1000	90.8	94.1	95.6	97.4	97.7	98.4	98.7	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 900	90.8	94.3	95.8	97.5	98.0	98.6	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 800	90.8	94.3	95.8	97.6	98.0	98.7	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 700	90.8	94.3	95.8	97.6	98.0	98.8	99.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 600	90.8	94.3	95.8	97.6	98.0	98.8	99.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 500	90.8	94.3	95.8	97.6	98.0	98.8	99.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 400	90.8	94.3	95.8	97.6	98.0	98.8	99.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 300	90.8	94.3	95.8	97.6	98.0	98.8	99.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 200	90.8	94.3	95.8	97.6	98.0	98.8	99.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 100	90.8	94.3	95.8	97.6	98.0	98.8	99.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 0	90.8	94.3	95.9	97.5	98.2	99.0	99.4	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: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
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]	41.2	42.2	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000]	49.6	50.9	51.8	52.0	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 18000]	49.7	51.0	51.9	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 16000]	49.9	51.3	52.3	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 14000]	51.2	52.6	53.5	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 12000]	54.6	56.0	57.0	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 10000]	60.3	61.9	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 9000]	60.6	62.4	63.5	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 8000]	66.6	68.7	70.3	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000]	68.2	70.3	71.9	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000]	68.7	70.9	72.5	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000]	70.9	73.0	74.6	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500]	71.1	73.2	74.8	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000]	74.7	77.0	78.9	79.3	79.3	79.3	80.4	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
GE 3500]	75.9	78.5	80.4	81.4	81.4	81.4	81.5	82.0	82.4	82.6	82.7	82.7	82.7	82.8	82.8	82.8
GE 3000]	82.3	85.4	88.4	89.8	89.8	89.8	90.1	91.0	91.4	91.6	91.7	91.7	91.7	91.8	91.8	91.8
GE 2500]	83.2	86.5	89.6	91.2	91.3	91.3	91.6	92.6	93.0	93.2	93.3	93.3	93.3	93.4	93.4	93.4
GE 2000]	85.3	89.4	92.5	94.2	94.4	94.4	94.7	95.7	96.1	96.3	96.5	96.5	96.5	96.6	96.6	96.6
GE 1800]	85.4	89.5	92.6	94.3	94.5	94.5	94.8	95.8	96.2	96.6	96.7	96.7	96.7	96.8	96.8	96.8
GE 1500]	85.8	89.9	93.2	95.2	95.4	95.4	95.8	96.8	97.3	97.6	97.8	97.8	97.8	98.0	98.0	98.0
GE 1200]	86.5	90.5	93.9	95.7	96.1	96.1	96.6	97.5	98.1	98.4	98.6	98.6	98.6	98.7	98.7	98.7
GE 1000]	86.5	90.6	94.0	96.1	96.3	96.3	97.2	98.2	98.7	99.1	99.4	99.4	99.4	99.5	99.5	99.5
GE 900]	86.5	90.6	94.0	96.3	96.6	96.6	97.5	98.5	99.0	99.5	99.7	99.7	99.7	99.8	99.8	99.8
GE 800]	86.6	90.8	94.1	96.5	96.7	96.7	97.6	98.6	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9
GE 700]	86.6	90.8	94.1	96.5	96.7	96.7	97.7	98.7	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 600]	86.6	90.8	94.1	96.5	96.7	96.7	97.7	98.7	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 500]	86.6	90.8	94.1	96.5	96.7	96.7	97.7	98.7	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 400]	86.6	90.8	94.1	96.5	96.7	96.7	97.7	98.7	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 300]	86.6	90.8	94.1	96.5	96.7	96.7	97.7	98.7	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 200]	86.6	90.8	94.1	96.5	96.7	96.7	97.7	98.7	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 100]	86.6	90.8	94.1	96.5	96.7	96.7	97.7	98.7	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: AUG HOURS(UT): 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	41.5	45.7	48.0	49.5	49.5	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 2000	46.3	51.1	53.8	55.4	55.4	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 1800	46.3	51.2	53.9	55.5	55.5	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 1600	46.3	51.2	54.0	55.7	55.7	56.0	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 1400	46.6	51.4	54.2	55.9	55.9	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 1200	48.7	53.9	56.7	58.4	58.4	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 1000	53.7	59.1	61.4	63.6	63.6	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 900	53.7	59.1	61.9	63.6	63.7	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 800	61.3	67.0	70.2	71.9	72.0	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 700	62.4	69.1	71.2	73.2	73.3	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 600	65.1	68.9	72.0	73.9	74.0	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 500	69.2	77.3	75.2	75.1	75.2	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 400	64.3	70.2	73.3	75.2	75.3	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 300	68.1	74.2	77.6	79.7	80.1	80.7	80.9	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4
GE 200	70.6	77.5	81.3	83.9	84.2	84.8	85.0	85.1	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7
GE 100	74.4	81.6	86.0	89.3	89.7	90.3	90.8	91.1	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6
GE 5000	75.9	83.4	87.7	91.1	91.4	92.1	92.7	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4
GE 4000	77.2	85.0	89.5	93.1	93.4	94.2	94.8	95.0	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6
GE 3000	77.3	85.1	89.7	93.2	93.6	94.4	95.0	95.3	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8
GE 2000	77.8	85.7	90.2	94.0	94.5	95.3	96.0	96.2	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8
GE 1000	77.8	85.8	90.4	94.2	94.7	95.5	96.2	96.4	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0
GE 5000	78.3	85.5	91.4	95.2	95.7	96.7	97.4	97.6	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 4000	78.4	85.6	91.5	95.5	96.0	97.0	97.7	98.0	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 3000	78.7	85.9	91.8	95.8	96.3	97.3	98.1	98.3	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE 2000	78.8	87.0	92.0	96.1	96.7	97.7	98.5	98.7	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
GE 1000	78.8	87.0	92.0	96.2	96.8	97.8	98.7	98.9	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 5000	78.6	87.0	92.0	96.2	96.8	97.8	98.7	98.9	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 4000	78.8	87.0	92.0	96.2	96.8	97.8	98.7	98.9	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 3000	78.9	87.1	92.2	96.4	97.0	98.1	98.9	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 2000	78.9	87.1	92.2	96.4	97.0	98.1	98.9	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 1000	78.9	87.1	92.2	96.4	97.0	98.1	98.9	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 500	78.9	87.1	92.2	96.4	97.0	98.1	98.9	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 226

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING -IN- FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 1 1/8	GE 1/4	GE 3/8	GE 1/2	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2
NO CEIL	30.7	32.9	34.4	36.4	36.8	37.9	38.7	38.9	39.3	39.5	39.6	39.7	39.8	39.8	39.8	40.0		
GE 2000	36.1	38.8	40.6	42.8	43.2	44.5	45.4	45.7	46.1	46.3	46.4	46.5	46.6	46.6	46.6	46.8		
GE 1800	36.2	39.0	40.7	42.9	43.3	44.6	45.6	45.9	46.2	46.4	46.5	46.7	46.7	46.8	46.8	47.0		
GE 1600	36.3	39.0	40.8	43.0	43.5	44.8	45.7	45.9	46.4	46.6	46.6	46.8	46.9	46.9	47.1	47.1		
GE 1400	36.9	39.6	41.5	43.7	44.1	45.4	46.4	46.6	47.1	47.3	47.3	47.5	47.6	47.6	47.8	47.8		
GE 1200	38.7	41.6	43.5	45.7	46.2	47.6	48.5	48.8	49.2	49.4	49.5	49.6	49.7	49.7	49.8	49.9		
GE 1000	43.3	45.7	48.8	51.2	51.7	53.3	54.4	54.7	55.1	55.3	55.4	55.5	55.6	55.7	55.9	55.9		
GE 900	43.7	47.1	49.2	51.7	52.2	53.8	54.8	55.2	55.6	55.8	55.9	56.0	56.1	56.2	56.3	56.3		
GE 800	50.6	54.6	57.1	59.8	60.4	62.2	63.4	63.7	64.2	64.4	64.5	64.7	64.8	64.8	65.0	65.0		
GE 700	52.2	56.3	58.8	61.7	62.3	64.1	65.3	65.6	66.1	66.3	66.4	66.6	66.7	66.7	66.9	66.9		
GE 600	52.6	55.7	59.2	62.2	62.8	64.6	65.8	66.1	66.6	66.9	66.9	67.1	67.2	67.2	67.4	67.4		
GE 500	54.2	58.4	61.1	64.1	64.7	66.5	67.7	68.1	68.6	68.8	68.9	69.0	69.1	69.2	69.4	69.4		
GE 450	54.5	58.6	61.3	64.4	65.0	66.9	68.0	68.4	68.9	69.1	69.2	69.4	69.5	69.5	69.7	69.7		
GE 400	58.4	62.9	66.4	69.4	70.1	72.1	73.5	73.9	74.5	74.8	74.9	75.0	75.1	75.2	75.3	75.3		
GE 350	60.7	65.5	68.7	72.4	73.1	75.1	76.6	77.0	77.6	77.9	77.9	78.1	78.2	78.3	78.4	78.4		
GE 300	67.1	72.7	76.3	80.6	81.3	83.6	85.2	85.8	86.5	86.7	86.8	87.0	87.1	87.2	87.3	87.3		
GE 250	69.6	74.4	78.2	82.6	83.4	85.7	87.5	88.0	89.7	89.0	89.1	89.3	89.4	89.4	89.6	89.6		
GE 200	70.1	75.3	80.3	85.1	85.9	88.2	90.1	90.7	91.4	91.7	91.9	92.1	92.2	92.2	92.4	92.4		
GE 180	70.3	75.6	80.7	85.4	86.3	88.6	90.5	91.1	91.9	92.2	92.3	92.5	92.6	92.7	92.9	92.9		
GE 160	71.2	77.7	81.9	86.8	87.7	90.2	92.2	92.8	93.6	93.9	94.1	94.3	94.4	94.5	94.6	94.6		
GE 140	71.6	78.2	82.5	87.5	88.5	91.0	93.0	93.6	94.4	94.8	94.9	95.1	95.2	95.3	95.3	95.3		
GE 120	71.9	78.7	83.1	88.2	89.2	91.8	93.8	94.4	95.4	95.7	95.9	96.1	96.2	96.3	96.5	96.5		
GE 100	72.0	79.7	83.1	88.3	89.3	91.9	94.0	94.6	95.6	95.9	96.1	96.3	96.4	96.5	96.7	96.7		
GE 90	72.1	79.9	83.4	88.7	89.7	92.4	94.5	95.1	96.1	96.5	96.7	97.0	97.1	97.1	97.3	97.3		
GE 80	72.2	79.9	83.6	89.0	89.9	92.7	94.9	95.5	96.6	97.0	97.1	97.4	97.5	97.6	97.8	97.8		
GE 70	72.2	79.1	83.6	89.1	90.1	92.9	95.2	95.8	96.9	97.3	97.4	97.7	97.7	97.9	98.1	98.1		
GE 60	72.2	79.1	83.7	89.1	90.2	93.1	95.4	96.1	97.2	97.6	97.8	98.1	98.2	98.3	98.5	98.5		
GE 50	72.2	79.2	83.7	89.1	90.2	93.2	95.5	96.2	97.4	97.8	98.0	98.3	98.4	98.5	98.7	98.7		
GE 40	72.3	79.2	83.7	89.1	90.3	93.3	95.6	96.3	97.5	98.0	98.2	98.6	98.8	98.9	99.2	99.2		
GE 30	72.3	79.2	83.7	89.1	90.3	93.2	95.6	96.3	97.6	98.2	98.4	98.9	99.1	99.2	99.6	99.6		
GE 20	72.3	79.2	83.7	89.1	90.3	93.2	95.6	96.3	97.6	98.2	98.4	99.0	99.1	99.3	99.9	99.9		
GE 10	72.3	79.2	83.8	89.1	90.4	93.3	95.7	96.4	97.7	98.3	98.5	99.1	99.2	99.4	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 7435

GLOBAL CLIMATOLOGY BRANCH
 WPAFB/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-81
 MONTH: SEP HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 1/16	GE 1/4	GE 0
NO CEIL			30.7	34.8	37.3	43.0	43.8	48.3	49.9	50.3	51.6	51.9	52.1	52.7	52.7	52.7	53.0
GE 20000			34.6	39.6	42.3	49.3	50.6	56.2	58.0	58.4	59.7	60.0	60.2	60.9	60.8	60.8	61.1
GE 18000			34.6	39.6	42.3	49.3	50.6	56.3	58.1	58.6	59.8	60.1	60.3	60.9	60.9	60.9	61.2
GE 16000			34.6	39.6	42.3	49.3	50.6	56.3	58.1	58.6	59.8	60.1	60.3	60.9	60.9	60.9	61.2
GE 14000			34.9	39.9	42.7	49.7	50.9	56.8	58.7	59.1	60.3	60.7	60.9	61.4	61.4	61.4	61.9
GE 12000			36.0	41.0	43.9	51.1	52.3	58.3	60.2	60.7	61.9	62.2	62.4	63.0	63.0	63.0	63.4
GE 10000			40.9	45.3	49.6	57.7	58.9	65.0	67.1	67.6	68.8	69.2	69.4	70.0	70.0	70.0	70.4
GE 9000			41.1	46.6	49.9	58.0	59.2	65.3	67.4	67.9	69.1	69.6	69.8	70.3	70.3	70.3	70.8
GE 8000			45.9	51.6	55.0	63.6	64.8	71.2	73.3	73.8	75.0	75.4	75.7	76.2	76.2	76.2	76.7
GE 7000			47.0	53.0	56.7	65.3	66.6	73.2	75.3	75.8	77.0	77.4	77.7	78.2	78.2	78.2	78.7
GE 6000			47.0	53.1	56.8	65.4	66.7	73.3	75.4	75.9	77.1	77.6	77.8	78.3	78.3	78.3	78.8
GE 5000			47.4	53.7	57.6	66.4	67.7	74.3	76.4	76.9	78.1	78.6	79.8	79.3	79.3	79.3	79.8
GE 4500			48.3	54.6	58.4	67.3	68.6	75.2	77.3	77.8	79.0	79.4	79.7	80.2	80.2	80.2	80.7
GE 4000			49.9	56.6	60.7	69.8	71.1	78.0	80.1	80.6	81.8	82.2	82.4	83.0	83.0	83.0	83.4
GE 3500			51.0	59.2	62.3	71.4	72.8	79.7	81.8	82.2	83.4	83.9	84.1	84.7	84.7	84.7	85.1
GE 3000			55.3	63.2	68.2	78.0	79.4	86.7	88.8	89.2	90.4	90.9	91.1	91.7	91.7	91.7	92.1
GE 2500			56.1	64.0	69.0	78.9	80.3	87.6	89.8	90.2	91.4	91.9	92.1	92.7	92.7	92.7	93.1
GE 2000			56.8	64.7	69.8	79.9	81.3	88.6	91.1	91.6	92.8	93.2	93.4	94.0	94.0	94.0	94.4
GE 1800			56.9	64.8	70.2	80.3	81.8	89.0	91.6	92.0	93.2	93.7	93.9	94.4	94.4	94.4	94.8
GE 1600			57.3	65.3	70.9	81.0	82.7	90.3	92.9	93.3	94.6	95.0	95.2	95.8	95.8	95.8	96.2
GE 1400			57.7	65.8	71.3	81.4	83.1	90.8	93.4	93.9	95.1	95.6	95.8	96.3	96.3	96.3	96.8
GE 1200			57.9	65.0	71.6	81.8	83.4	91.2	93.9	94.3	95.6	96.0	96.2	96.8	96.8	96.8	97.2
GE 1000			57.9	65.0	71.6	82.1	83.7	91.4	94.2	94.7	95.9	96.3	96.6	97.1	97.1	97.1	97.6
GE 900			59.0	65.2	71.8	82.2	83.9	91.7	94.4	94.9	96.1	96.6	96.8	97.3	97.3	97.3	97.8
GE 800			58.0	65.2	71.8	82.2	83.9	91.7	94.4	95.0	96.2	96.7	96.9	97.4	97.4	97.4	97.9
GE 700			58.1	65.3	71.9	82.4	84.1	91.9	94.9	95.6	96.8	97.2	97.4	98.0	98.0	98.0	98.4
GE 600			58.1	65.3	71.9	82.4	84.1	91.9	94.9	95.6	96.9	97.4	97.7	98.2	98.2	98.2	98.7
GE 500			58.2	65.4	72.0	82.7	84.3	92.1	95.1	95.8	97.1	97.7	97.9	98.4	98.4	98.4	99.1
GE 400			58.2	65.4	72.0	82.7	84.3	92.1	95.1	95.8	97.1	97.8	98.0	98.6	98.6	98.6	99.3
GE 300			58.2	65.4	72.0	82.7	84.3	92.1	95.1	95.8	97.1	97.8	98.1	98.7	98.7	98.9	100.0
GE 200			58.2	65.4	72.0	82.7	84.3	92.1	95.1	95.8	97.1	97.8	98.1	98.7	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	22.4	25.6	29.1	33.7	34.8	37.9	40.4	41.4	43.1	44.0	44.9	46.1	46.3	47.2	48.2	
GE 2000	25.3	29.8	32.4	37.7	39.3	43.1	46.2	47.2	49.1	50.0	50.9	52.2	52.6	53.6	54.6	
GE 1800	25.6	30.0	32.7	38.1	39.6	43.3	46.4	47.4	49.3	50.2	51.1	52.4	52.8	53.8	54.8	
GE 1600	25.6	33.0	32.7	38.1	39.6	43.4	46.7	47.7	49.6	50.4	51.3	52.7	53.0	54.0	55.0	
GE 1400	25.8	33.2	32.9	38.3	39.8	43.8	47.0	48.0	49.9	50.9	51.8	53.2	53.6	54.6	55.6	
GE 1200	27.2	31.9	34.9	40.4	41.9	45.9	49.1	50.1	52.0	53.0	53.9	55.3	55.7	56.7	57.7	
GE 1000	31.1	36.2	39.4	45.3	46.9	51.2	54.4	55.6	57.6	58.6	59.4	60.9	61.2	62.2	63.2	
GE 900	31.2	36.3	39.6	45.4	47.0	51.4	54.7	55.8	57.8	58.8	59.7	61.1	61.4	62.4	63.4	
GE 800	34.9	43.2	43.6	49.6	51.1	56.0	59.3	60.4	62.6	63.9	64.8	66.2	66.6	67.6	68.6	
GE 700	35.9	41.2	45.0	51.2	52.8	57.7	61.0	62.1	64.2	65.6	66.4	67.9	68.2	69.2	70.2	
GE 600	36.0	41.7	45.4	51.7	53.2	58.1	61.4	62.6	64.7	66.0	66.9	68.3	68.7	69.7	70.7	
GE 500	36.4	42.4	46.2	52.6	54.1	59.0	62.3	63.4	65.6	66.9	67.8	69.2	69.6	70.6	71.6	
GE 450	37.0	43.0	46.8	53.1	54.7	59.6	62.9	64.0	66.1	67.4	68.3	69.8	70.1	71.1	72.1	
GE 400	39.2	45.6	49.4	56.6	58.2	63.1	66.4	67.6	69.7	71.0	71.9	73.4	73.8	74.8	75.8	
GE 350	40.0	46.7	50.9	58.1	59.8	64.7	68.0	69.1	71.2	72.6	73.4	75.0	75.3	76.3	77.3	
GE 300	44.0	51.1	55.9	63.9	65.6	70.7	74.1	75.3	77.4	78.8	79.7	81.2	81.6	82.6	83.6	
GE 250	44.1	51.7	57.3	65.4	67.1	72.3	76.1	77.3	79.6	81.1	82.0	83.6	83.9	84.9	85.9	
GE 200	44.2	51.8	57.8	66.3	68.0	73.3	77.2	78.4	80.8	82.3	83.2	84.8	85.1	86.1	87.1	
GE 180	44.6	52.1	58.1	66.7	68.3	73.7	77.6	78.8	81.1	82.7	83.6	85.1	85.4	86.4	87.4	
GE 150	45.6	53.1	59.1	67.9	69.6	75.0	78.9	80.1	82.4	84.0	84.9	86.4	86.8	87.8	88.8	
GE 120	45.9	53.4	59.6	68.3	70.1	75.8	79.8	81.0	83.4	85.0	85.9	87.4	87.8	88.8	89.8	
GE 100	46.2	53.8	59.9	68.7	70.6	76.3	80.9	82.1	84.6	86.1	87.0	88.6	88.9	89.9	90.9	
GE 90	46.2	53.8	59.9	68.7	70.6	76.3	80.9	82.1	84.6	86.1	87.0	88.6	88.9	89.9	90.9	
GE 80	46.3	53.9	60.0	68.8	70.7	76.4	81.1	82.3	84.8	86.3	87.2	88.8	89.1	90.1	91.1	
GE 70	46.3	54.0	60.1	68.9	70.8	76.6	81.3	82.6	85.0	86.6	87.4	89.0	89.3	90.3	91.3	
GE 60	46.6	54.2	60.3	69.2	71.1	76.9	81.9	83.1	85.6	87.1	88.0	89.6	89.9	90.9	91.9	
GE 50	47.0	54.7	60.8	69.7	71.6	77.4	82.6	83.8	86.6	88.1	89.1	90.8	91.1	92.1	93.4	
GE 40	47.0	54.7	60.8	69.7	71.7	77.6	82.8	84.0	86.8	88.3	89.3	91.0	91.3	92.3	93.7	
GE 30	47.0	54.7	60.8	69.7	71.7	77.8	83.0	84.2	87.2	88.9	90.0	91.8	92.1	93.1	94.7	
GE 20	47.0	54.7	60.8	69.8	71.8	77.9	83.2	84.4	87.7	89.3	90.7	92.9	93.2	94.6	97.6	
GE 10	47.0	54.7	60.8	69.8	71.8	77.9	83.2	84.4	87.7	89.3	90.7	92.9	93.4	95.0	99.2	
GE 0	47.0	54.7	60.8	69.8	71.8	77.9	83.2	84.4	87.7	89.3	90.7	92.9	93.4	95.0	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: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-84
 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	13.1	16.0	17.4	21.6	22.0	24.0	29.6	29.6	31.6	33.3	34.3	35.9	36.4	36.9	39.0	
GE 20000	15.6	18.4	20.7	25.8	26.3	28.8	34.2	35.3	37.8	40.1	41.1	42.8	43.3	44.0	46.4	
GE 18000	15.9	18.8	21.0	26.1	26.8	29.4	35.0	36.1	38.7	41.0	42.0	43.8	44.3	45.0	47.6	
GE 16000	15.9	18.8	21.0	26.1	26.8	29.4	35.0	36.1	38.7	41.0	42.0	43.8	44.3	45.0	47.6	
GE 14000	16.4	19.3	21.7	26.9	27.6	30.6	36.1	37.2	39.8	42.1	43.1	44.9	45.4	46.2	48.6	
GE 12000	17.9	21.2	23.8	29.7	30.4	33.7	39.4	40.6	43.1	45.4	46.4	48.2	48.8	49.6	52.2	
GE 10000	22.4	26.2	29.2	35.3	36.2	39.6	45.3	46.8	49.6	52.2	53.2	55.0	55.6	56.3	59.2	
GE 9000	23.2	27.0	30.1	36.2	37.1	40.4	46.2	47.7	50.4	51.1	54.1	55.9	56.4	57.2	60.1	
GE 8000	28.8	33.2	36.9	43.4	44.3	47.8	53.6	55.2	58.0	60.8	61.8	63.6	64.1	65.0	68.0	
GE 7000	30.1	34.7	38.4	45.0	45.9	49.4	55.2	56.9	59.8	62.6	63.6	65.6	66.2	67.2	70.2	
GE 6000	30.2	34.8	38.6	45.1	46.0	49.6	55.3	57.0	59.9	62.7	63.7	65.7	66.3	67.3	70.3	
GE 5000	31.2	35.9	39.7	46.2	47.1	50.7	56.4	58.1	61.0	63.8	64.8	66.8	67.4	68.4	71.4	
GE 4500	31.4	36.1	39.9	46.7	47.6	51.1	56.9	58.6	61.4	64.2	65.2	67.2	68.0	69.0	72.0	
GE 4000	33.4	38.6	42.4	49.4	50.4	54.2	60.0	61.8	64.7	67.6	68.6	70.6	71.3	72.3	75.6	
GE 3500	34.4	39.9	43.8	51.2	52.3	56.2	62.0	63.8	66.7	69.6	70.6	72.6	73.3	74.4	77.7	
GE 3000	36.8	43.3	47.8	55.4	56.7	61.0	66.9	68.8	71.8	74.9	76.0	78.1	78.9	80.0	83.7	
GE 2500	37.3	44.3	49.2	57.2	58.4	63.2	69.2	71.1	74.3	77.4	78.6	80.7	81.4	82.6	86.2	
GE 2000	38.1	45.4	50.6	58.9	60.1	65.1	71.2	73.1	76.3	79.4	80.6	82.7	83.4	84.6	88.3	
GE 1800	38.2	45.6	50.7	59.0	60.2	65.3	71.4	73.3	76.6	79.7	80.8	82.9	83.7	84.8	88.6	
GE 1500	38.6	46.0	51.1	59.6	60.8	66.1	72.3	74.2	77.4	80.6	81.7	83.8	84.6	85.7	89.4	
GE 1200	38.7	46.1	51.3	59.8	61.1	66.6	72.9	74.8	78.0	81.1	82.3	84.4	85.2	86.3	90.1	
GE 1000	38.8	46.2	51.4	59.9	61.2	66.7	73.2	75.1	78.3	81.4	82.7	85.0	85.8	87.0	90.9	
GE 900	38.8	46.6	51.8	60.4	61.8	67.2	73.9	75.8	79.0	82.1	83.3	85.7	86.4	87.7	91.6	
GE 800	38.8	46.6	51.8	60.4	61.8	67.3	74.1	76.0	79.3	82.6	83.8	86.2	87.0	88.2	92.1	
GE 700	38.8	46.6	51.8	60.4	61.9	67.7	74.4	76.3	79.7	82.9	84.1	86.6	87.3	88.6	92.4	
GE 600	38.8	46.6	51.8	60.4	61.9	67.9	74.9	76.8	80.1	83.3	84.6	87.0	87.8	89.0	92.9	
GE 500	38.8	46.6	51.8	60.4	61.9	68.0	75.3	77.2	80.8	84.1	85.3	87.9	88.7	90.1	94.2	
GE 400	38.8	46.6	51.8	60.4	62.0	68.1	75.4	77.3	80.9	84.2	85.4	88.0	88.9	90.3	94.4	
GE 300	38.8	46.6	51.8	60.4	62.0	68.1	75.4	77.3	81.0	84.4	85.7	88.6	89.4	91.0	95.2	
GE 200	38.8	46.6	51.8	60.4	62.0	68.1	75.4	77.3	81.1	84.6	85.8	88.7	89.6	91.3	95.3	
GE 100	38.8	46.6	51.8	60.4	62.0	68.1	75.4	77.3	81.1	84.6	85.8	88.7	89.8	91.6	95.3	
GE 0	38.8	46.6	51.8	60.4	62.0	68.1	75.4	77.3	81.1	84.6	85.8	88.7	89.8	91.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	
NO CEIL																	
GE 2000	37.7	42.0	45.2	48.6	49.2	50.4	52.2	52.6	52.7	52.9	52.9	53.1	53.3	53.6	53.8		
GE 1800	38.2	42.7	45.9	49.2	50.0	51.2	53.0	53.3	53.4	53.7	53.7	53.9	54.1	54.3	54.6		
GE 1600	38.3	42.8	46.0	49.3	50.1	51.3	53.1	53.4	53.6	53.8	53.8	54.0	54.2	54.4	54.7		
GE 1400	40.2	44.9	48.1	51.7	52.4	53.7	55.4	55.8	55.9	56.1	56.1	56.3	56.6	56.8	57.0		
GE 1200	43.0	47.8	51.1	55.1	55.9	57.2	59.0	59.3	59.4	59.7	59.7	59.9	60.1	60.3	60.6		
GE 1000	47.8	53.2	56.8	60.9	61.7	63.1	64.9	65.2	65.4	65.8	65.8	66.0	66.2	66.4	66.7		
GE 900	48.9	54.3	57.9	62.1	63.0	64.6	66.3	66.7	66.9	67.2	67.2	67.4	67.7	67.9	68.1		
GE 800	54.0	59.7	63.3	67.8	68.7	70.7	72.8	73.2	73.4	73.8	73.8	74.0	74.2	74.4	74.7		
GE 700	55.1	60.9	64.7	69.2	70.1	72.2	74.4	74.9	75.1	75.4	75.4	75.7	75.9	76.1	76.3		
GE 600	55.6	61.3	65.1	69.7	70.6	72.7	74.9	75.3	75.6	75.9	75.9	76.1	76.3	76.6	76.8		
GE 500	56.2	62.0	65.8	70.4	71.3	73.4	75.8	76.3	76.6	77.0	77.0	77.2	77.4	77.7	77.9		
GE 400	56.2	62.0	65.8	70.4	71.3	73.4	75.8	76.3	76.6	77.0	77.0	77.2	77.4	77.7	77.9		
GE 350	58.7	65.3	69.6	74.7	75.6	77.7	80.0	80.6	80.8	81.2	81.2	81.4	81.7	81.9	82.1		
GE 300	59.7	66.6	71.1	76.2	77.1	79.3	81.8	82.4	82.7	83.1	83.1	83.3	83.6	83.8	84.0		
GE 250	64.3	72.3	77.0	82.6	83.4	85.9	88.3	89.0	89.3	89.4	89.8	90.0	90.2	90.4	90.7		
GE 200	64.8	72.9	77.6	83.1	84.0	86.4	88.9	89.6	89.9	90.3	90.3	90.6	90.8	91.0	91.2		
GE 180	65.6	73.7	78.3	84.2	85.1	87.6	90.1	90.9	91.2	91.8	91.8	92.0	92.2	92.4	92.7		
GE 160	65.6	73.7	78.3	84.2	85.1	87.6	90.2	91.0	91.3	91.9	91.9	92.1	92.3	92.6	92.8		
GE 140	66.6	74.7	79.3	85.6	86.8	89.4	92.3	93.2	93.6	94.1	94.1	94.3	94.6	94.8	95.0		
GE 120	66.8	74.9	79.6	85.8	87.0	89.7	92.6	93.4	93.8	94.4	94.4	94.7	94.9	95.1	95.3		
GE 100	67.0	75.2	79.9	86.2	87.8	90.7	93.7	94.6	94.9	95.6	95.6	95.8	96.0	96.2	96.4		
GE 90	67.0	75.2	79.9	86.2	87.8	90.8	93.9	94.8	95.1	95.8	95.8	96.0	96.2	96.4	96.7		
GE 80	67.1	75.3	80.0	86.4	88.1	91.1	94.3	95.3	95.7	96.6	96.6	96.8	97.0	97.2	97.4		
GE 70	67.1	75.3	80.0	86.4	88.1	91.1	94.3	95.3	95.7	96.6	96.6	96.8	97.0	97.2	97.4		
GE 60	67.1	75.3	80.0	86.4	88.1	91.6	94.8	95.8	96.1	97.1	97.1	97.3	97.6	97.8	98.0		
GE 50	67.1	75.3	80.0	86.4	88.1	91.7	95.0	96.0	96.4	97.6	97.6	97.9	98.1	98.3	98.6		
GE 40	67.1	75.3	80.0	86.4	88.1	91.7	95.0	96.0	96.7	98.0	98.0	98.3	98.6	98.8	99.0		
GE 30	67.1	75.3	80.0	86.4	88.1	91.7	95.0	96.1	96.8	98.1	98.1	98.6	98.8	99.0	99.3		
GE 20	67.1	75.3	80.0	86.4	88.1	91.7	95.0	96.1	96.8	98.2	98.2	98.7	98.9	99.2	99.7		
GE 10	67.1	75.3	80.0	86.4	88.1	91.7	95.0	96.1	96.8	98.2	98.2	98.7	98.9	99.2	99.9		
GE 0	67.1	75.3	80.0	86.4	88.1	91.7	95.0	96.1	96.8	98.2	98.2	98.7	98.9	99.3	100.0		

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 1/16	GE 1/32	GE 1/64	
NO CEIL	44.6	45.7	46.2	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 20000	56.4	58.2	59.2	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	57.7	59.6	60.7	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	57.7	59.6	60.7	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	59.6	61.4	62.6	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 12000	62.7	64.6	65.7	66.2	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	66.4
GE 10000	68.0	70.1	71.2	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	68.6	70.7	71.8	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	75.0	77.2	78.4	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	75.9	78.1	79.3	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	76.6	78.8	80.0	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 5000	77.7	79.9	81.1	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4500	77.8	80.0	81.2	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4000	81.8	84.3	86.0	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3500	83.4	86.6	88.3	89.1	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	88.1	91.6	93.4	94.4	94.7	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	88.8	92.4	94.4	95.6	95.8	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	88.9	92.6	94.7	95.8	96.0	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	89.0	92.7	94.8	95.9	96.1	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1600	90.1	94.2	96.3	97.4	98.0	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	90.1	94.3	96.4	97.6	98.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	90.7	94.9	97.0	98.2	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	90.7	94.9	97.0	98.2	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	90.7	94.9	97.0	98.3	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	90.7	94.9	97.0	98.3	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	90.7	94.9	97.0	98.3	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	90.7	94.9	97.0	98.3	99.0	99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	90.7	94.9	97.0	98.3	99.0	99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	90.7	94.9	97.0	98.3	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.7	94.9	97.0	98.3	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.7	94.9	97.0	98.3	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	90.7	94.9	97.0	98.3	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	52.1	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 2000	64.1	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 1800	64.8	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 1600	65.0	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 1400	66.3	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 1200	69.2	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 1000	74.0	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 900	74.6	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 800	80.8	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 700	82.4	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 600	83.1	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 500	83.9	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 450	84.0	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 400	85.9	86.9	87.7	87.7	87.9	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 350	87.3	88.3	89.2	89.6	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 300	91.7	92.8	93.9	94.6	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 250	92.8	93.9	95.0	95.8	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 200	93.6	94.8	95.9	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 180	93.7	94.9	96.0	96.9	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 150	94.2	95.6	96.8	97.8	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 120	94.7	96.1	97.3	98.3	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	95.2	95.7	97.9	98.9	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 90	95.3	95.8	98.0	99.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 80	95.4	95.9	98.1	99.2	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	95.4	95.9	98.1	99.2	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	95.4	95.9	98.1	99.2	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	95.4	95.9	98.1	99.2	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	95.4	95.9	98.1	99.2	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	95.4	96.9	98.1	99.2	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	95.4	95.9	98.1	99.2	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	95.4	95.9	98.1	99.2	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LOCAL): 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 7/16	GE 1/4	GE 0
NO CEIL	52.6	54.4	55.4	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	62.6	64.9	66.2	66.4	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	63.4	65.1	67.4	68.2	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	64.1	66.8	68.1	68.7	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 14000	65.3	68.0	69.5	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 12000	67.9	70.7	72.2	73.2	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 10000	73.0	76.2	77.9	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	73.3	76.6	78.2	79.2	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	78.1	81.3	83.3	84.3	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	79.3	82.9	84.7	85.7	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 6000	80.2	83.8	85.6	86.6	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 5000	81.7	85.2	87.0	88.0	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4500	81.7	85.2	87.1	88.4	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4000	83.2	86.6	88.7	90.3	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3500	84.7	88.2	90.2	92.0	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	86.7	90.4	92.6	94.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	88.2	92.2	94.3	96.6	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	88.4	92.4	94.6	96.8	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	88.4	92.4	94.6	96.8	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	88.9	93.2	95.4	97.9	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	88.9	93.2	95.6	98.0	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	89.2	93.7	96.0	98.4	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	89.2	93.7	96.0	98.4	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	89.2	93.7	96.0	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	89.2	93.7	96.0	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	89.2	93.7	96.0	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	89.2	93.7	96.0	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	89.2	93.7	96.0	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.2	93.7	96.0	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.2	93.7	96.0	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.2	93.7	96.0	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	46.8	50.1	52.4	56.9	57.4	58.6	58.9	58.9	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.7
GE 20000	51.8	55.9	58.9	64.0	64.6	65.8	66.2	66.2	66.6	66.9	66.9	66.9	66.9	66.9	66.9	67.0
GE 18000	51.9	55.2	59.4	64.4	65.3	66.6	67.0	67.0	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.8
GE 16000	52.1	55.6	59.8	65.1	65.7	66.9	67.3	67.3	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.1
GE 14000	53.3	57.8	61.0	66.3	66.9	68.1	68.6	68.6	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.3
GE 12000	55.3	59.8	63.0	68.4	69.0	70.2	70.7	70.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.4
GE 10000	60.7	65.1	69.7	75.4	76.0	77.2	77.8	77.8	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.6
GE 9000	60.9	65.3	69.9	75.7	76.2	77.4	78.0	78.0	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.8
GE 8000	65.3	70.9	74.8	81.0	81.6	82.8	83.3	83.3	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.1
GE 7000	66.7	72.3	76.2	82.7	83.6	84.8	85.3	85.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.1
GE 6000	66.9	72.6	76.4	83.0	83.9	85.1	85.7	85.7	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.4
GE 5000	67.9	73.8	77.9	84.6	85.4	86.7	87.2	87.2	87.6	87.9	87.9	87.9	87.9	87.9	87.9	88.0
GE 4500	68.2	74.1	78.4	85.1	86.0	87.2	87.8	87.8	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.6
GE 4000	70.6	75.6	81.0	87.8	88.7	90.1	90.7	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.4
GE 3500	72.0	78.1	82.6	89.3	90.2	91.7	92.2	92.2	92.6	92.9	92.9	92.9	92.9	92.9	92.9	93.0
GE 3000	73.9	80.6	85.1	92.0	92.9	94.4	95.0	95.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.8
GE 2500	75.1	81.9	86.4	93.3	94.2	95.8	96.3	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.1
GE 2000	75.6	82.3	87.0	94.1	95.0	96.6	97.1	97.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.9
GE 1800	75.6	82.3	87.0	94.1	95.0	96.6	97.1	97.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.9
GE 1500	75.6	82.7	87.7	95.0	95.9	97.4	98.1	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 1200	75.6	82.7	88.0	95.3	96.2	97.8	98.4	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 1000	75.9	83.0	88.3	95.7	96.6	98.1	98.8	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 900	75.9	83.0	88.3	95.7	96.6	98.1	98.8	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 800	76.0	83.1	88.4	95.8	96.7	98.2	98.9	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 700	76.0	83.1	88.4	95.8	96.7	98.2	98.9	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 600	76.0	83.1	88.4	95.8	96.7	98.2	98.9	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 500	76.0	83.2	88.6	95.9	96.8	98.3	99.0	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 400	76.0	83.2	88.7	96.0	96.9	98.4	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	76.0	83.2	88.7	96.0	96.9	98.4	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	76.0	83.2	88.7	96.0	96.9	98.4	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	76.0	83.2	88.7	96.0	96.9	98.4	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	76.0	83.2	88.7	96.0	96.9	98.4	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE G	
NO CEIL			36.7	39.4	41.0	43.9	44.3	45.8	47.1	47.4	48.1	48.5	48.8	49.2	49.3	49.5	50.0
GE 2000			43.5	45.7	48.7	52.1	52.7	54.5	56.1	56.5	57.2	57.7	58.0	58.5	58.6	58.8	59.3
GE 1800			44.0	47.3	49.4	52.8	53.4	55.3	56.9	57.2	58.0	58.5	58.8	59.3	59.4	59.6	60.2
GE 1600			44.2	47.5	49.6	53.0	53.6	55.5	57.1	57.4	58.2	58.7	59.0	59.5	59.6	59.8	60.4
GE 1400			45.2	48.6	50.7	54.2	54.8	56.7	58.3	58.7	59.4	60.0	60.2	60.7	60.9	61.1	61.7
GE 1200			47.4	50.8	53.1	56.8	57.5	59.5	61.1	61.5	62.2	62.8	63.0	63.5	63.7	63.9	64.5
GE 1000			52.2	56.1	58.6	62.6	63.2	65.3	67.0	67.4	68.2	69.9	69.1	69.6	69.7	70.0	70.6
GE 900			52.7	56.6	59.1	63.1	63.8	65.9	67.6	68.0	68.8	69.4	69.7	70.2	70.3	70.6	71.1
GE 800			57.8	61.9	64.6	68.4	69.5	71.8	73.5	74.0	74.8	75.4	75.7	76.2	76.3	76.6	77.2
GE 700			59.1	63.3	66.1	70.4	71.1	73.5	75.2	75.7	76.5	77.2	77.4	78.0	78.1	78.4	79.0
GE 600			59.4	63.8	66.6	70.8	71.6	73.9	75.7	76.2	77.0	77.7	77.9	78.4	78.6	78.9	79.5
GE 500			60.3	64.7	67.6	71.9	72.7	75.0	76.8	77.3	78.1	78.9	79.0	79.6	79.7	80.0	80.6
GE 450			60.6	65.0	67.9	72.3	73.1	75.4	77.2	77.7	78.5	79.2	79.4	80.0	80.1	80.4	81.0
GE 400			62.8	67.6	70.7	75.4	76.3	78.7	80.5	81.0	81.8	82.5	82.8	83.3	83.5	83.8	84.4
GE 350			64.1	69.1	72.3	77.1	78.0	80.5	82.3	82.8	83.6	84.3	84.6	85.1	85.3	85.6	86.2
GE 300			67.6	73.2	76.7	82.0	82.9	85.5	87.4	87.9	88.8	89.5	89.8	90.3	90.5	90.8	91.5
GE 250			68.4	74.2	77.9	83.2	84.1	86.9	88.8	89.3	90.3	91.0	91.3	91.8	92.0	92.3	93.0
GE 200			68.9	74.7	78.6	84.1	85.0	87.8	89.8	90.3	91.3	92.0	92.3	92.9	93.0	93.3	94.0
GE 180			69.0	74.8	78.7	84.2	85.1	87.9	90.0	90.5	91.4	92.2	92.5	93.0	93.2	93.5	94.2
GE 150			69.6	75.6	79.6	85.3	86.3	89.2	91.3	91.8	92.8	93.5	93.8	94.4	94.5	94.8	95.5
GE 100			69.8	75.8	79.9	85.6	86.6	89.6	91.7	92.3	93.2	94.0	94.3	94.8	95.0	95.3	96.0
GE 1000			70.1	75.2	80.3	86.0	87.1	90.1	92.4	92.9	93.9	94.7	95.0	95.5	95.7	96.0	96.7
GE 900			70.1	75.2	80.3	86.1	87.2	90.3	92.6	93.1	94.1	94.9	95.2	95.7	95.9	96.2	96.9
GE 800			70.2	75.3	80.4	86.2	87.3	90.4	92.8	93.4	94.4	95.2	95.5	96.1	96.2	96.5	97.2
GE 700			70.2	75.3	80.4	86.2	87.4	90.5	92.9	93.5	94.4	95.3	95.5	96.1	96.3	96.6	97.3
GE 600			70.2	75.4	80.4	86.3	87.4	90.6	93.1	93.6	94.6	95.4	95.7	96.3	96.5	96.8	97.5
GE 500			70.3	75.4	80.5	86.4	87.5	90.8	93.3	93.9	95.0	95.8	96.1	96.8	96.9	97.2	98.1
GE 400			70.3	75.4	80.5	86.4	87.5	90.8	93.4	94.0	95.1	96.0	96.3	96.9	97.1	97.4	98.2
GE 300			70.3	75.5	80.5	86.4	87.6	90.9	93.4	94.1	95.2	96.1	96.4	97.2	97.3	97.7	98.5
GE 200			70.3	75.5	80.5	86.4	87.6	90.9	93.5	94.1	95.3	96.2	96.6	97.3	97.5	98.0	99.2
GE 100			70.3	75.5	80.5	86.4	87.6	90.9	93.5	94.1	95.3	96.2	96.6	97.3	97.6	98.1	99.8
GE 0			70.3	75.5	80.5	86.4	87.6	90.9	93.5	94.1	95.3	96.2	96.6	97.3	97.6	98.1	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: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000	39.7	46.5	51.2	58.4	59.5	64.5	68.1	68.5	70.2	70.8	71.0	71.9	72.2	72.5	73.0	
GE 18000	39.8	45.6	51.3	58.5	59.6	64.6	68.2	68.6	70.3	70.9	71.1	72.0	72.3	72.6	73.1	
GE 16000	39.8	45.6	51.3	58.5	59.6	64.6	68.2	68.6	70.3	70.9	71.1	72.0	72.3	72.6	73.1	
GE 14000	39.9	45.8	51.7	59.4	60.4	65.6	69.1	69.6	71.3	71.8	72.0	73.0	73.2	73.5	74.1	
GE 12000	41.2	48.3	53.5	61.5	62.7	68.0	71.5	72.2	74.0	74.5	74.7	75.7	75.9	76.2	76.8	
GE 10000	42.3	49.8	56.0	64.1	65.3	70.5	74.1	74.8	76.7	77.3	77.5	78.5	78.7	79.0	79.6	
GE 9000	42.5	50.0	56.5	64.5	65.7	71.2	74.7	75.5	77.3	78.0	78.2	79.1	79.4	79.7	80.2	
GE 8000	44.9	52.7	59.5	67.6	69.0	74.5	78.2	78.9	80.8	81.4	81.6	82.6	82.8	83.1	83.7	
GE 7000	45.3	53.1	59.9	68.4	69.8	75.3	78.9	79.7	81.5	82.2	82.4	83.3	83.5	83.9	84.4	
GE 6000	45.7	53.8	60.5	69.0	70.4	75.9	79.6	80.3	82.2	82.8	83.0	84.0	84.2	84.5	85.1	
GE 5000	46.0	54.1	60.9	69.6	71.0	76.5	80.1	80.9	82.7	83.3	83.5	84.5	84.7	85.1	85.6	
GE 4500	46.5	54.6	61.4	70.1	71.5	77.0	80.6	81.4	83.2	83.9	84.1	85.1	85.3	85.6	86.1	
GE 4000	48.5	57.1	64.2	73.3	74.7	80.4	84.3	85.1	86.9	87.6	87.8	88.8	89.0	89.4	89.9	
GE 3500	49.5	59.3	65.5	74.6	76.0	81.7	85.7	86.5	88.3	89.1	89.4	90.3	90.5	90.9	91.4	
GE 3000	51.2	60.2	68.2	77.6	79.0	84.8	88.9	89.7	91.5	92.4	92.6	93.7	93.9	94.2	94.8	
GE 2500	51.6	60.6	68.6	78.1	79.5	85.3	89.4	90.1	91.9	92.8	93.0	94.1	94.3	94.6	95.3	
GE 2000	51.7	60.8	68.7	78.3	79.7	85.5	89.6	90.3	92.2	93.0	93.2	94.3	94.5	94.8	95.5	
GE 1800	51.8	60.9	68.8	78.4	79.8	85.6	89.7	90.4	92.3	93.1	93.3	94.4	94.6	94.9	95.6	
GE 1500	51.9	61.0	69.0	78.7	80.1	85.9	90.0	90.8	92.6	93.4	93.7	94.7	94.9	95.3	95.9	
GE 1200	52.0	61.1	69.1	79.0	80.2	86.0	90.1	90.9	92.7	93.5	93.8	94.9	95.1	95.4	96.0	
GE 1000	52.0	61.1	69.1	79.1	80.5	86.3	90.4	91.2	93.0	94.0	94.2	95.3	95.5	95.8	96.5	
GE 900	52.0	61.1	69.1	79.1	80.5	86.3	90.6	91.4	93.2	94.2	94.4	95.5	95.7	96.0	96.7	
GE 800	52.0	61.3	69.4	79.4	80.8	86.6	90.9	91.6	93.4	94.4	94.6	95.7	95.9	96.2	96.9	
GE 700	52.0	61.3	69.4	79.5	80.9	86.7	91.0	91.7	93.5	94.5	94.7	95.8	96.0	96.3	97.0	
GE 600	52.0	61.3	69.4	79.5	80.9	86.7	91.0	91.7	93.5	94.5	94.7	95.8	96.0	96.3	97.0	
GE 500	52.0	61.3	69.4	79.5	80.9	86.7	91.0	91.7	93.8	94.7	95.1	96.2	96.5	96.8	97.4	
GE 400	52.0	61.3	69.4	79.5	80.9	86.7	91.0	91.8	93.9	94.8	95.2	96.3	96.6	96.9	97.5	
GE 300	52.0	61.3	69.4	79.5	81.0	86.8	91.1	91.9	94.1	95.2	95.5	96.7	96.9	97.2	97.8	
GE 200	52.0	61.3	69.4	79.5	81.0	86.8	91.1	91.9	94.2	95.5	95.8	97.1	97.3	97.8	99.0	
GE 100	52.0	61.3	69.4	79.6	91.0	86.8	91.1	91.9	94.2	95.6	95.9	97.2	97.4	98.0	99.9	
GE 0	52.0	61.3	69.4	79.6	91.0	86.8	91.1	91.9	94.2	95.6	95.9	97.2	97.4	98.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATE LOGY BRANCH
USAF/TIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	29.6	33.2	38.6	44.2	47.1	48.8	51.5	52.4	54.5	56.5	56.9	58.7	59.0	60.1	63.2		
CE 20000	30.5	34.7	40.6	46.9	50.2	52.2	55.3	56.2	58.5	60.4	60.9	62.7	63.0	64.3	67.5		
CE 14000	30.5	34.7	40.6	46.9	50.2	52.2	55.3	56.2	58.5	60.4	60.9	62.7	63.0	64.3	67.5		
CE 16000	30.5	34.7	40.6	46.9	50.2	52.2	55.3	56.2	58.5	60.4	60.9	62.7	63.0	64.3	67.5		
CE 14000	30.8	35.1	41.0	47.3	50.9	53.0	56.1	57.1	59.4	61.3	61.7	63.5	63.9	65.2	66.4		
CE 12000	31.4	35.9	41.8	48.1	51.8	54.2	57.3	58.3	60.5	62.5	62.9	64.7	65.1	66.3	69.6		
CE 10000	32.7	37.2	43.5	50.5	54.3	56.7	60.0	61.2	63.4	65.4	65.8	67.6	68.1	69.4	72.6		
CE 9000	32.7	37.2	43.5	50.5	54.3	56.7	60.0	61.3	63.5	65.6	66.0	67.8	68.3	69.6	72.8		
CE 8000	35.1	39.6	46.2	53.8	57.5	59.9	63.2	64.5	66.8	68.8	69.2	71.1	71.5	72.8	76.0		
CE 7000	35.6	40.2	46.9	54.5	58.3	60.6	64.0	65.3	67.5	69.6	70.0	71.8	72.3	73.5	76.8		
CE 6000	36.3	41.0	47.6	55.3	59.0	61.4	64.7	66.0	68.3	70.3	70.8	72.6	73.0	74.3	77.5		
CE 5000	36.5	41.1	47.7	55.4	59.1	61.6	65.1	66.3	68.6	70.6	71.1	72.9	73.3	74.6	77.8		
CE 4500	36.7	41.3	48.0	55.6	59.4	61.8	65.3	66.6	68.8	70.9	71.3	73.1	73.5	74.8	78.1		
CE 4000	38.1	42.8	49.5	57.2	61.1	63.5	67.1	68.4	70.6	72.8	73.2	75.1	75.5	76.8	80.0		
CE 3500	39.9	44.7	51.4	59.1	63.0	65.5	69.0	70.3	72.6	75.1	75.5	77.3	77.7	79.0	82.3		
CE 3000	42.6	47.8	54.8	63.2	67.1	69.8	73.5	74.8	77.2	79.8	80.2	82.0	82.5	83.8	87.0		
CE 2500	43.3	48.7	55.7	64.2	68.1	70.8	74.5	75.8	78.2	80.9	81.3	83.1	83.5	84.8	88.1		
CE 2000	43.4	48.8	55.9	64.6	68.5	71.2	74.9	76.2	78.6	81.3	81.7	83.5	84.0	85.3	88.5		
CE 1800	43.4	48.8	55.9	64.6	68.5	71.2	74.9	76.2	78.6	81.3	81.7	83.5	84.0	85.3	88.5		
CE 1500	43.5	48.9	56.1	65.3	69.1	71.8	75.6	76.9	79.2	81.9	82.4	84.2	84.6	85.9	89.2		
CE 1200	43.7	49.1	56.6	65.8	69.7	72.4	76.2	77.5	80.0	82.7	83.1	84.9	85.4	86.7	90.0		
CE 1000	43.7	49.1	56.6	65.8	69.7	72.4	76.6	77.8	80.3	83.0	83.4	85.3	85.7	87.0	90.3		
CE 900	43.7	49.1	56.6	65.8	69.7	72.4	76.6	77.8	80.3	83.0	83.4	85.3	85.8	87.3	90.6		
CE 800	43.7	49.1	56.6	66.0	69.9	72.6	76.8	78.1	80.5	83.2	83.7	85.5	86.0	87.5	90.9		
CE 700	43.7	49.1	56.6	66.2	70.1	73.0	77.2	78.5	81.0	83.7	84.1	85.9	86.5	88.0	91.6		
CE 600	43.7	49.1	56.6	66.2	70.1	73.0	77.2	78.5	81.1	84.0	84.4	86.2	86.8	88.3	92.2		
CE 500	43.7	49.1	56.6	66.2	70.1	73.0	77.2	78.5	81.3	84.3	84.8	87.0	87.5	89.4	93.5		
CE 400	43.7	49.1	56.6	66.2	70.1	73.0	77.2	78.5	81.5	84.5	85.1	87.6	88.2	90.0	96.2		
CE 300	43.7	49.1	56.6	66.2	70.1	73.0	77.2	78.5	81.5	84.5	85.2	87.7	88.4	90.3	98.6		
CE 0	43.7	49.1	56.6	66.2	70.1	73.0	77.2	78.5	81.5	84.5	85.2	87.7	88.4	90.3	100.0		

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	17.5	21.3	24.1	31.2	32.3	34.8	39.5	41.7	44.6	46.9	48.3	50.5	51.4	53.1	57.0			
GE 20000	18.8	22.9	26.0	33.7	34.8	37.8	42.7	45.2	48.2	50.3	51.9	54.3	55.2	57.1	61.3			
GE 18000	18.8	22.9	26.0	33.7	34.8	37.8	42.7	45.2	48.2	50.3	51.9	54.3	55.2	57.1	61.3			
GE 16000	19.1	23.4	26.6	34.2	34.4	38.4	43.2	45.7	48.7	50.9	52.5	54.8	55.7	57.6	61.8			
GE 14000	19.6	24.1	27.2	34.4	36.0	39.0	44.0	46.5	49.5	51.6	53.2	55.6	56.5	58.5	62.8			
GE 12000	20.4	25.1	28.3	36.1	37.3	40.4	45.6	48.1	51.1	53.2	54.8	57.2	58.1	60.1	64.4			
GE 10000	21.6	26.5	29.9	38.0	39.4	42.8	48.1	50.6	54.1	56.3	58.0	60.3	61.2	63.2	67.5			
GE 9000	21.9	26.9	30.4	38.5	39.9	43.3	48.7	51.3	54.9	57.2	58.8	61.2	62.0	64.1	68.4			
GE 8000	22.9	28.4	31.9	40.3	41.7	45.5	51.2	53.8	57.5	59.9	61.5	63.9	64.7	66.8	71.2			
GE 7000	23.5	29.0	32.7	41.1	42.5	46.5	52.2	54.7	58.5	60.9	62.5	64.8	65.7	67.7	72.2			
GE 6000	23.7	29.1	32.8	41.2	42.6	46.6	52.3	54.8	58.6	61.0	62.6	64.9	65.9	67.8	72.3			
GE 5000	24.9	30.4	34.2	42.7	44.1	48.1	54.0	56.6	60.3	62.7	64.3	66.7	67.5	69.6	74.0			
GE 4500	24.9	30.4	34.2	42.7	44.1	48.1	54.0	56.6	60.3	62.7	64.3	66.7	67.5	69.6	74.0			
GE 4000	26.6	32.4	36.3	45.3	46.7	50.6	56.6	59.2	63.0	65.5	67.1	69.5	70.3	72.5	76.9			
GE 3500	27.2	33.2	37.3	46.3	47.7	51.7	58.1	60.8	64.5	67.0	68.6	71.0	71.8	74.0	78.4			
GE 3000	30.1	36.3	40.8	50.3	52.0	56.2	62.8	65.6	69.7	72.7	73.8	76.2	77.1	79.4	83.8			
GE 2500	30.4	36.7	41.1	50.6	52.5	57.0	63.7	66.5	70.5	73.0	74.6	77.1	78.0	80.2	84.6			
GE 2000	30.8	37.2	41.7	51.6	53.4	58.0	64.8	67.6	71.7	74.2	75.8	78.4	79.4	81.6	86.0			
GE 1800	30.8	37.2	41.7	51.6	53.4	58.0	64.8	67.6	71.7	74.2	75.8	78.4	79.4	81.6	86.0			
GE 1500	30.8	37.2	41.8	51.9	53.8	58.3	65.2	68.0	72.2	74.8	76.6	79.1	80.2	82.5	86.9			
GE 1200	30.8	37.2	41.8	51.9	53.8	58.4	65.4	68.2	72.4	75.1	76.8	79.4	80.4	82.7	87.1			
GE 1000	30.8	37.2	41.8	52.0	54.0	58.6	65.6	68.4	72.6	75.3	77.0	79.6	80.6	82.9	87.3			
GE 900	30.8	37.2	41.8	52.0	54.0	58.6	65.6	68.4	72.6	75.3	77.0	79.6	80.6	82.9	87.3			
GE 800	30.8	37.2	41.8	52.0	54.0	58.6	65.6	68.4	72.6	75.3	77.0	79.6	80.6	82.9	87.3			
GE 700	30.8	37.2	41.8	52.2	54.1	58.7	65.7	68.5	72.7	75.4	77.1	79.7	80.8	83.0	87.6			
GE 600	30.8	37.2	41.8	52.2	54.1	58.7	65.7	68.5	72.7	75.4	77.1	79.7	80.8	83.0	87.6			
GE 500	30.8	37.2	41.8	52.2	54.1	58.7	65.7	68.5	72.9	75.6	77.3	80.0	81.1	83.3	88.0			
GE 400	30.8	37.2	41.8	52.2	54.1	58.7	65.7	68.5	73.2	76.0	77.7	80.4	81.5	84.0	89.0			
GE 300	30.8	37.2	41.8	52.2	54.1	58.9	65.9	68.7	73.4	76.3	78.2	81.0	82.0	84.5	89.9			
GE 200	30.8	37.2	41.8	52.2	54.1	58.9	65.9	68.7	73.4	76.3	78.2	81.1	82.5	85.2	90.5			
GE 100	30.8	37.2	41.8	52.2	54.1	58.8	65.9	68.7	73.4	76.3	78.3	81.2	82.8	86.2	91.9			
GE 0	30.8	37.2	41.8	52.2	54.1	58.9	65.9	68.7	73.4	76.3	78.3	81.2	82.8	86.3	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: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.1	41.8	45.7	49.9	52.4	54.0	56.5	57.5	58.7	59.2	59.2	59.9	60.1	60.5	60.8	
GE 20000	38.3	44.3	48.7	53.4	56.3	58.6	61.4	62.5	63.8	64.4	64.5	65.2	65.5	65.9	66.1	
GE 18000	38.5	44.5	49.0	53.8	56.7	58.9	61.7	62.8	64.1	64.7	64.8	65.5	65.8	66.2	66.5	
GE 16000	38.9	45.1	49.6	54.3	57.2	59.5	62.3	63.3	64.7	65.4	65.5	66.2	66.6	67.0	67.2	
GE 14000	39.7	45.8	50.4	55.1	58.2	60.4	63.2	64.3	65.7	66.3	66.5	67.2	67.5	68.0	68.2	
GE 12000	40.3	46.6	51.2	56.1	59.1	61.6	64.6	65.7	67.1	67.7	67.8	68.6	68.9	69.4	69.6	
GE 10000	42.6	49.2	54.2	59.4	62.8	65.6	68.9	70.3	71.7	72.4	72.5	73.4	73.8	74.2	74.4	
GE 9000	43.0	49.7	54.6	60.4	63.5	66.3	69.9	71.4	72.8	73.4	73.5	74.5	74.8	75.3	75.5	
GE 8000	44.5	51.3	56.5	62.7	65.8	68.9	72.9	74.4	75.9	76.6	76.7	77.6	78.1	78.5	78.7	
GE 7000	44.8	51.6	56.9	63.2	66.3	69.5	73.5	75.1	76.6	77.2	77.3	78.3	78.7	79.1	79.4	
GE 6000	44.8	51.6	57.0	63.4	66.6	69.9	74.0	75.5	77.0	77.6	77.7	78.7	79.1	79.6	79.8	
GE 5000	46.1	53.2	58.7	65.7	68.3	71.6	75.7	77.2	78.7	79.4	79.5	80.4	80.9	81.3	81.5	
GE 4500	46.3	53.4	58.9	65.4	68.5	71.8	75.9	77.4	78.9	79.6	79.7	80.6	81.1	81.5	81.7	
GE 4000	48.6	55.0	62.0	68.9	72.2	75.7	79.9	81.4	83.0	83.7	83.8	84.7	85.2	85.6	85.8	
GE 3500	48.8	55.2	62.3	69.2	72.5	76.0	80.2	81.7	83.3	84.0	84.1	85.1	85.5	85.9	86.1	
GE 3000	50.5	58.4	64.9	72.6	75.8	79.6	84.0	85.5	87.2	87.8	88.1	89.0	89.5	89.9	90.1	
GE 2500	50.6	58.6	65.2	72.4	76.0	79.8	84.2	85.7	87.4	88.1	88.3	89.2	89.7	90.1	90.3	
GE 2000	51.1	59.0	65.6	73.4	76.7	80.5	85.2	86.7	88.5	89.1	89.4	90.3	90.8	91.2	91.4	
GE 1800	51.1	59.0	65.6	73.4	76.7	80.5	85.2	86.7	88.5	89.1	89.4	90.3	90.8	91.2	91.4	
GE 1600	51.3	59.4	66.0	73.9	77.1	81.0	85.6	87.1	88.9	89.6	89.8	90.8	91.2	91.6	91.8	
GE 1400	51.4	59.5	66.1	74.0	77.2	81.1	85.7	87.2	89.0	89.7	89.9	90.9	91.3	91.7	91.9	
GE 1000	51.5	59.6	66.2	74.2	77.5	81.7	86.6	88.1	89.9	90.5	90.9	92.0	92.5	92.9	93.1	
GE 900	51.5	59.6	66.3	74.4	77.8	82.0	87.0	88.5	90.3	91.0	91.3	92.5	92.9	93.3	93.5	
GE 800	51.5	59.6	66.3	74.5	78.1	82.3	87.4	88.9	91.0	91.6	91.9	93.1	93.5	94.1	94.3	
GE 700	51.5	59.6	66.3	74.8	78.3	82.5	87.6	89.1	91.2	91.8	92.2	93.3	93.8	94.3	94.5	
GE 600	51.5	59.6	66.3	74.8	78.3	82.6	87.7	89.2	91.5	92.3	92.6	93.8	94.2	94.7	94.9	
GE 400	51.5	59.6	66.3	74.8	78.3	82.6	88.0	89.6	91.8	92.8	93.1	94.3	94.8	95.5	95.7	
GE 300	51.5	59.6	66.3	74.9	78.3	82.6	88.0	89.6	91.8	93.0	93.3	94.5	95.2	95.9	96.3	
GE 200	51.5	59.6	66.3	74.9	78.3	82.6	88.0	89.7	91.9	93.2	93.7	94.8	95.5	96.2	97.0	
GE 100	51.5	59.6	66.3	74.8	78.3	82.6	88.1	89.8	92.0	93.4	94.0	95.4	96.3	97.3	99.4	
GE 0	51.5	59.6	66.3	74.9	78.3	82.6	88.1	89.8	92.0	93.4	94.0	95.4	96.5	97.5	99.9	
GE 0	51.5	59.6	66.3	74.9	78.3	82.6	88.1	89.8	92.0	93.4	94.0	95.4	96.5	97.5	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: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEILING	58.4	59.9	60.9	61.5	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	66.5	68.7	70.2	71.3	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 18000	67.4	69.8	71.3	72.4	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 16000	67.6	71.2	71.7	72.8	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	68.6	71.2	72.8	74.0	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 12000	70.5	73.2	74.8	76.0	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 10000	73.3	76.1	78.3	79.7	80.3	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 9000	74.0	75.8	76.9	80.3	81.0	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000	77.2	80.0	82.2	83.9	84.5	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 7000	78.1	81.0	83.2	84.9	85.6	85.9	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 6000	78.4	81.3	83.5	85.3	85.9	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 5000	79.4	82.3	84.5	86.2	86.9	87.2	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4500	79.4	82.3	84.5	86.2	86.9	87.2	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4000	81.6	84.8	87.3	89.0	89.7	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3500	82.5	85.7	88.2	90.0	90.6	91.0	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	86.9	90.1	92.7	94.8	95.6	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	87.2	92.5	93.3	95.6	96.3	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	87.6	91.0	93.9	96.2	97.0	97.5	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 100	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 0	87.6	91.1	94.1	96.5	97.2	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 14	GE 16	GE 20
NO CEILING	63.4	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 20000	72.5	73.7	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 18000	73.2	74.4	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 16000	73.5	74.5	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 14000	75.1	75.2	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 12000	77.2	78.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 10000	81.1	82.3	83.7	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 9000	81.3	82.6	84.0	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 8000	83.8	85.1	86.5	86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 7000	84.6	85.9	87.3	87.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 6000	84.8	85.1	87.5	88.0	88.2	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 5000	86.0	87.3	88.7	89.1	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4500	86.0	87.3	88.7	89.1	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	87.4	88.8	90.2	90.6	90.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	88.7	90.1	91.5	92.0	92.4	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	91.7	93.7	95.3	96.2	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	92.3	94.3	96.0	97.1	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	92.4	94.4	96.2	97.3	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 1800	92.4	94.4	96.2	97.4	98.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1600	92.4	94.4	96.3	97.5	98.1	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1400	92.4	94.4	96.3	97.5	98.1	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	92.4	94.4	96.5	97.5	98.2	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	92.4	94.4	96.5	97.6	98.2	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	92.4	94.4	96.5	97.6	98.2	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	92.4	94.4	96.5	97.6	98.2	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	92.4	94.4	96.5	97.6	98.2	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	92.4	94.4	96.5	97.7	98.3	98.9	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.4	94.4	96.5	97.7	98.3	98.9	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.4	94.4	96.5	97.7	98.3	98.9	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.4	94.4	96.5	97.7	98.3	98.9	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.4	94.4	96.5	97.7	98.3	98.9	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.4	94.4	96.5	97.7	98.3	98.9	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	62.3	66.1	68.1	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 20000	68.2	73.4	76.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 18000	68.9	74.2	76.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	68.9	74.2	76.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 14000	70.2	75.7	78.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 12000	72.0	77.6	80.4	82.0	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 10000	75.5	81.3	84.2	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 9000	75.9	81.7	84.7	86.6	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 8000	77.6	83.4	86.7	88.6	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 7000	78.4	84.2	87.4	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 6000	78.5	84.3	87.6	89.7	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 5000	78.7	84.5	87.8	89.9	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500	78.7	84.5	87.8	90.0	90.2	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4000	80.2	86.5	90.0	92.2	92.4	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3500	81.1	87.3	91.0	93.1	93.3	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	83.4	89.9	93.7	96.0	96.3	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	83.8	90.3	94.1	96.5	96.8	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	84.2	90.9	94.8	97.3	97.6	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	84.2	91.0	94.9	97.5	97.8	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	84.2	91.0	94.9	97.6	98.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	84.2	91.0	94.9	97.6	98.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	84.2	91.0	94.9	97.6	98.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	84.2	91.0	94.9	97.6	98.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	84.2	91.0	94.9	97.6	98.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	84.2	91.0	94.9	97.5	98.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	84.2	91.0	94.9	97.5	98.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	84.2	91.0	94.9	97.5	98.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	84.2	91.0	94.9	97.5	98.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	84.2	91.0	94.9	97.5	98.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	84.2	91.0	94.9	97.5	98.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	84.2	91.0	94.9	97.5	98.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	84.2	91.0	94.9	97.6	98.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS(UT): 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	52.8	59.0	62.2	67.7	68.3	70.3	70.9	71.0	71.1	71.4	71.7	71.7	71.7	71.7	71.8	71.9
GE 20000	57.6	63.5	68.5	74.4	74.9	77.0	77.6	77.7	77.8	78.3	78.6	78.6	78.6	78.6	78.7	78.8
GE 18000	57.8	63.8	68.7	74.6	75.2	77.2	77.8	78.0	78.1	78.5	78.8	78.8	78.8	78.8	78.9	79.0
GE 16000	57.8	63.8	68.7	74.6	75.2	77.2	77.8	78.0	78.1	78.5	78.8	78.8	78.8	78.8	78.9	79.0
GE 14000	58.1	64.5	70.0	75.9	76.5	78.5	79.1	79.2	79.4	79.8	80.1	80.1	80.1	80.1	80.2	80.3
GE 12000	59.0	65.8	71.5	77.5	78.1	80.1	80.8	80.9	81.0	81.4	81.7	81.7	81.7	81.7	81.8	81.9
GE 10000	62.3	69.8	75.7	81.8	82.4	84.4	85.1	85.2	85.3	85.7	86.0	86.0	86.0	86.0	86.1	86.2
GE 9000	62.3	69.8	75.9	82.3	82.8	84.8	85.5	85.6	85.7	86.1	86.5	86.5	86.5	86.5	86.6	86.7
GE 8000	64.6	72.2	78.3	84.7	85.3	87.3	88.0	88.1	88.2	88.6	88.9	88.9	88.9	88.9	89.0	89.1
GE 7000	65.2	72.9	79.0	85.7	86.2	88.3	88.9	89.0	89.1	89.6	89.9	89.9	89.9	89.9	90.0	90.1
GE 6000	65.6	73.5	79.7	86.5	87.1	89.1	89.8	89.9	90.0	90.4	90.8	90.8	90.8	90.8	90.9	91.0
GE 5000	65.8	73.9	80.0	86.8	87.4	89.5	90.1	90.2	90.3	90.8	91.1	91.1	91.1	91.1	91.2	91.3
GE 4500	66.0	74.1	80.2	87.1	87.7	89.8	90.4	90.5	90.6	91.1	91.4	91.4	91.4	91.4	91.5	91.6
GE 4000	67.4	75.7	81.8	88.8	89.5	91.5	92.5	92.6	92.7	93.1	93.4	93.4	93.4	93.4	93.5	93.7
GE 3500	68.3	76.8	83.0	90.0	90.6	92.7	93.7	93.8	93.9	94.3	94.6	94.6	94.6	94.6	94.7	94.8
GE 3000	70.2	79.2	85.8	93.0	93.8	96.0	97.0	97.1	97.2	97.6	98.0	98.0	98.0	98.0	98.1	98.2
GE 2500	70.8	79.8	86.3	93.5	94.3	96.6	97.5	97.6	97.7	98.2	98.5	98.5	98.5	98.5	98.6	98.7
GE 2000	71.0	80.0	86.6	93.9	94.6	96.9	97.8	98.0	98.1	98.5	98.8	98.8	98.8	98.8	98.9	99.0
GE 1800	71.0	80.1	86.7	94.0	94.8	97.1	98.1	98.2	98.3	98.7	99.0	99.0	99.0	99.0	99.1	99.2
GE 1500	71.0	80.1	86.7	94.1	94.9	97.2	98.2	98.3	98.4	98.8	99.1	99.2	99.2	99.2	99.4	99.5
GE 1200	71.0	80.1	86.8	94.2	95.1	97.3	98.3	98.4	98.5	98.9	99.2	99.4	99.4	99.4	99.5	99.6
GE 1000	71.0	80.1	86.8	94.2	95.1	97.3	98.3	98.4	98.5	98.9	99.2	99.4	99.4	99.4	99.5	99.6
GE 900	71.0	80.1	86.8	94.2	95.1	97.3	98.3	98.4	98.5	98.9	99.2	99.4	99.4	99.4	99.5	99.6
GE 800	71.0	80.1	86.8	94.2	95.1	97.4	98.4	98.5	98.6	99.0	99.4	99.5	99.5	99.5	99.6	99.7
GE 700	71.0	80.1	86.8	94.2	95.1	97.4	98.4	98.5	98.6	99.1	99.5	99.6	99.6	99.6	99.7	99.8
GE 600	71.0	80.1	86.8	94.2	95.1	97.4	98.4	98.5	98.6	99.1	99.5	99.6	99.6	99.6	99.7	99.8
GE 500	71.0	80.1	86.8	94.2	95.1	97.5	98.6	98.7	98.9	99.4	99.7	99.8	99.8	99.8	99.9	100.0
GE 400	71.0	80.1	86.8	94.2	95.1	97.5	98.6	98.7	98.9	99.4	99.7	99.8	99.8	99.8	99.9	100.0
GE 300	71.0	80.1	86.8	94.2	95.1	97.5	98.6	98.7	98.9	99.4	99.7	99.8	99.8	99.8	99.9	100.0
GE 200	71.0	80.1	86.8	94.2	95.1	97.5	98.6	98.7	98.9	99.4	99.7	99.8	99.8	99.8	99.9	100.0
GE 100	71.0	80.1	86.8	94.2	95.1	97.5	98.6	98.7	98.9	99.4	99.7	99.8	99.8	99.8	99.9	100.0
GE 0	71.0	80.1	86.8	94.2	95.1	97.5	98.6	98.7	98.9	99.4	99.7	99.8	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: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.6	48.4	51.4	55.1	56.1	57.8	59.5	60.1	61.1	61.8	62.1	62.8	63.0	63.5	64.4	
GE 20000	49.0	53.5	57.0	61.3	62.5	64.3	66.2	66.8	67.9	68.6	68.9	69.7	69.9	70.4	71.4	
GE 18000	49.4	53.9	57.4	61.7	62.9	64.7	66.6	67.2	68.3	69.0	69.3	70.1	70.3	70.8	71.8	
GE 16000	49.5	54.1	57.6	61.9	63.1	64.9	66.8	67.4	68.5	69.2	69.5	70.3	70.5	71.0	72.0	
GE 14000	50.2	54.9	58.6	63.0	64.2	66.1	68.0	68.6	69.7	70.4	70.7	71.5	71.7	72.2	73.3	
GE 12000	51.5	56.4	60.1	64.7	65.9	67.9	69.9	70.6	71.6	72.4	72.7	73.4	73.6	74.2	75.2	
GE 10000	53.9	59.0	63.2	67.9	69.3	71.4	73.4	74.2	75.3	76.0	76.4	77.2	77.4	77.9	79.0	
GE 9000	54.2	59.3	63.6	68.4	69.7	71.9	74.0	74.8	75.9	76.7	77.0	77.8	78.0	78.5	79.6	
GE 8000	56.3	61.6	66.0	71.0	72.4	74.7	76.9	77.7	78.9	79.6	80.0	80.7	81.0	81.5	82.6	
GE 7000	56.9	62.2	66.7	71.9	73.3	75.5	77.8	78.5	79.7	80.5	80.8	81.6	81.8	82.4	83.4	
GE 6500	57.2	62.6	67.0	72.3	73.7	76.0	78.3	79.1	80.2	81.0	81.3	82.1	82.4	82.9	83.9	
GE 6000	57.9	63.3	67.8	73.1	74.5	76.8	79.1	79.9	81.1	81.9	82.2	83.0	83.2	83.8	84.8	
GE 4500	58.1	63.5	68.0	73.3	74.7	77.0	79.3	80.1	81.3	82.1	82.4	83.2	83.4	83.9	85.0	
GE 4000	59.8	65.5	70.2	75.7	77.1	79.5	81.9	82.7	83.9	84.7	85.1	85.8	86.1	86.6	87.7	
GE 3500	60.7	66.5	71.3	76.9	78.3	80.6	83.2	84.0	85.2	86.0	86.4	87.2	87.4	87.9	89.0	
GE 3000	63.3	69.5	74.5	80.5	82.1	84.6	87.2	88.1	89.3	90.2	90.6	91.4	91.6	92.2	93.2	
GE 2500	63.8	69.9	75.0	81.0	82.6	85.2	87.9	88.7	90.0	90.9	91.2	92.0	92.3	92.8	93.9	
GE 2000	64.0	70.3	75.4	81.6	83.2	85.8	88.5	89.4	90.7	91.5	91.9	92.7	93.0	93.5	94.6	
GE 1800	64.0	70.3	75.5	81.7	83.3	85.9	88.6	89.5	90.8	91.7	92.0	92.8	93.1	93.6	94.7	
GE 1500	64.1	70.4	75.6	81.9	83.5	86.2	88.9	89.8	91.1	92.0	92.4	93.2	93.5	94.0	95.1	
GE 1200	64.1	70.4	75.7	82.0	83.6	86.3	89.1	90.0	91.3	92.2	92.6	93.4	93.7	94.2	95.3	
GE 1000	64.1	70.4	75.8	82.1	83.8	86.5	89.4	90.2	91.6	92.5	92.9	93.7	94.0	94.5	95.6	
GE 900	64.1	70.4	75.8	82.2	83.8	86.6	89.5	90.3	91.7	92.6	93.0	93.8	94.1	94.6	95.7	
GE 800	64.1	70.5	75.8	82.2	83.9	86.6	89.6	90.4	91.8	92.7	93.1	94.0	94.2	94.8	95.9	
GE 700	64.1	70.5	75.8	82.3	84.0	86.7	89.7	90.5	91.9	92.8	93.2	94.1	94.3	94.9	96.0	
GE 600	64.1	70.5	75.8	82.4	84.0	86.8	89.8	90.7	92.1	93.1	93.4	94.3	94.6	95.1	96.3	
GE 500	64.1	70.5	75.8	82.4	84.1	86.9	89.8	90.7	92.2	93.2	93.6	94.5	94.8	95.4	96.5	
GE 400	64.1	70.5	75.8	82.4	84.1	86.9	89.8	90.8	92.3	93.4	93.8	94.7	95.0	95.6	96.9	
GE 300	64.1	70.5	75.8	82.4	84.1	86.9	89.9	90.8	92.4	93.5	94.0	94.9	95.2	95.9	97.4	
GE 200	64.1	70.5	75.8	82.4	84.1	86.9	89.9	90.8	92.4	93.6	94.1	95.1	95.5	96.3	98.8	
GE 100	64.1	70.5	75.8	82.4	84.1	86.9	89.9	90.8	92.4	93.6	94.1	95.2	95.6	96.5	99.7	
GE 0	64.1	70.5	75.8	82.4	84.1	86.9	89.9	90.8	92.4	93.6	94.1	95.2	95.6	96.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7140

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		35.3	39.4	44.6	48.7	50.4	54.2	56.4	56.6	57.9	58.1	58.2	58.7	58.7	59.0	61.2
GE 20000		38.3	42.8	48.4	53.6	55.8	59.8	62.1	62.3	63.8	64.0	64.2	64.7	64.7	65.0	67.2
GE 18000		38.4	42.9	48.6	53.7	55.9	59.9	62.2	62.4	63.9	64.1	64.3	64.8	64.8	65.1	67.3
GE 16000		38.4	42.9	48.6	53.7	55.9	59.9	62.2	62.4	63.9	64.1	64.3	64.8	64.8	65.1	67.3
GE 14000		38.7	43.1	48.8	53.9	56.1	60.1	62.4	62.7	64.1	64.3	64.6	65.0	65.0	65.3	67.6
GE 12000		39.2	43.7	49.3	54.4	56.7	60.7	63.0	63.2	64.7	64.9	65.1	65.6	65.6	65.9	68.2
GE 10000		40.7	45.3	51.3	56.8	59.0	63.4	65.8	66.2	67.8	68.2	68.4	69.0	69.0	69.3	71.7
GE 9000		41.0	45.7	51.7	57.1	59.3	63.8	66.1	66.6	68.1	68.6	68.8	69.3	69.3	69.7	72.0
GE 8000		43.7	48.9	55.0	60.4	62.7	67.1	69.4	69.9	71.4	71.9	72.1	72.7	72.7	73.0	75.3
GE 7000		43.8	49.0	55.1	60.6	62.8	67.2	69.6	70.0	71.6	72.0	72.2	72.8	72.8	73.1	75.4
GE 6000		43.9	49.1	55.2	60.7	62.9	67.3	69.7	70.1	71.7	72.1	72.3	72.9	72.9	73.2	75.6
GE 5000		44.4	49.7	55.8	61.2	63.4	67.9	70.2	70.7	72.2	72.7	72.9	73.4	73.4	73.8	76.1
GE 4500		45.0	50.4	56.7	62.4	64.7	69.1	71.4	71.9	73.4	74.0	74.2	74.8	74.8	75.1	77.4
GE 4000		50.3	56.1	62.4	68.9	71.3	76.1	78.6	79.1	80.7	81.2	81.4	82.0	82.1	82.4	84.8
GE 3500		52.1	57.9	64.2	70.8	73.2	78.1	80.6	81.1	82.7	83.3	83.6	84.1	84.2	84.6	86.9
GE 3000		55.7	62.1	68.4	75.2	77.7	82.6	85.0	85.7	87.2	87.9	88.1	88.8	88.9	89.3	91.7
GE 2500		57.2	63.9	70.4	77.4	80.0	84.9	87.3	88.0	89.6	90.2	90.4	91.1	91.2	91.7	94.0
GE 2000		57.6	64.2	71.3	78.4	81.0	85.9	88.4	89.3	90.9	91.6	91.8	92.4	92.6	93.0	95.3
GE 1800		57.8	64.4	71.6	78.7	81.2	86.1	88.7	89.6	91.1	91.8	92.0	92.7	92.8	93.2	95.6
GE 1500		58.2	64.9	72.0	79.1	81.7	86.7	89.2	90.2	91.8	92.6	92.8	93.4	93.6	94.0	96.3
GE 1200		58.2	65.1	72.2	79.6	82.1	87.1	89.7	90.7	92.2	93.0	93.2	93.9	94.0	94.4	96.8
GE 1000		58.2	65.1	72.2	79.6	82.2	87.2	89.8	90.8	92.6	93.3	93.6	94.2	94.3	94.8	97.1
GE 900		58.2	65.1	72.2	79.6	82.2	87.2	89.8	90.8	92.6	93.3	93.6	94.2	94.3	94.8	97.1
GE 800		58.2	65.1	72.2	79.6	82.2	87.2	89.8	90.8	92.6	93.3	93.6	94.2	94.3	94.8	97.1
GE 700		58.2	65.1	72.2	79.6	82.2	87.2	89.8	90.9	92.7	93.4	93.7	94.3	94.4	94.9	97.2
GE 600		58.2	65.1	72.2	79.7	82.3	87.3	89.9	91.0	92.8	93.6	93.8	94.4	94.6	95.0	97.3
GE 500		58.2	65.1	72.2	79.7	82.3	87.3	89.9	91.0	92.8	93.6	93.8	94.4	94.6	95.0	97.3
GE 400		58.2	65.1	72.2	79.7	82.3	87.3	89.9	91.0	92.8	93.6	93.8	94.4	94.6	95.0	97.3
GE 300		58.2	65.1	72.2	79.7	82.3	87.3	89.9	91.0	92.8	93.7	93.9	94.6	94.7	95.1	97.9
GE 200		58.2	65.1	72.2	79.7	82.3	87.3	89.9	91.0	92.8	93.7	94.0	94.7	94.8	95.2	99.0
GE 100		58.2	65.1	72.2	79.7	82.3	87.3	90.0	91.1	92.9	93.8	94.1	94.8	95.1	95.7	99.7
GE 0		58.2	65.1	72.2	79.7	82.3	87.3	90.0	91.1	92.9	93.8	94.1	94.8	95.1	95.7	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: 471220 STATION NAME: OSAN AB 40REA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 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	30.4	34.3	38.7	42.9	44.1	47.7	50.3	50.7	53.1	53.6	53.8	54.0	54.2	55.0	57.2	
GE 20000	32.9	36.9	41.8	46.9	48.3	52.3	55.0	55.3	58.1	58.7	58.9	59.1	59.3	60.1	62.3	
GE 18000	33.1	37.1	42.0	47.1	48.6	52.6	55.2	55.6	58.3	59.0	59.2	59.4	59.7	60.4	62.7	
GE 16000	33.1	37.1	42.0	47.1	48.6	52.6	55.2	55.6	58.3	59.0	59.2	59.4	59.7	60.4	62.7	
GE 14000	33.1	37.1	42.0	47.1	48.6	52.6	55.2	55.6	58.3	59.0	59.2	59.4	59.7	60.4	62.7	
GE 12000	33.3	37.3	42.2	47.3	48.9	52.9	55.6	55.9	58.7	59.3	59.6	59.8	60.0	60.8	63.1	
GE 10000	34.9	39.0	44.2	50.0	51.6	56.1	58.9	59.2	62.1	62.9	63.1	63.4	63.7	64.4	66.8	
GE 9000	35.1	39.2	44.4	50.2	51.8	56.3	59.1	59.4	62.3	63.1	63.3	63.7	63.9	64.7	67.0	
GE 8000	37.0	41.1	46.7	52.5	54.1	58.7	61.4	61.8	64.7	65.4	65.7	66.0	66.2	67.0	69.3	
GE 7000	37.7	41.8	47.3	53.2	54.8	59.3	62.1	62.4	65.3	66.1	66.3	66.7	66.9	67.7	70.0	
GE 6000	37.7	41.8	47.3	53.2	54.8	59.3	62.1	62.4	65.3	66.1	66.3	66.7	66.9	67.7	70.0	
GE 5000	38.3	42.6	48.1	54.1	55.7	60.2	63.0	63.3	66.2	67.0	67.2	67.6	67.8	68.6	70.9	
GE 4500	38.7	42.9	48.6	54.6	56.2	60.8	63.6	63.9	66.9	67.7	67.9	68.2	68.4	69.2	71.6	
GE 4000	44.4	48.9	54.7	60.8	62.4	67.4	70.2	70.6	73.7	74.6	74.9	75.2	75.4	76.2	78.6	
GE 3500	47.0	51.6	57.4	63.7	65.3	70.4	73.2	73.6	76.8	77.7	78.0	78.3	78.6	79.3	81.7	
GE 3000	50.6	55.9	62.2	68.8	70.7	75.9	79.0	79.3	82.7	83.6	83.9	84.2	84.4	85.2	87.6	
GE 2500	51.7	57.6	63.9	71.1	73.1	78.6	81.7	82.0	85.3	86.2	86.6	86.9	87.1	87.9	90.2	
GE 2000	52.4	58.3	64.9	72.2	74.2	79.7	82.8	83.1	86.7	87.6	87.9	88.2	88.4	89.2	91.6	
GE 1800	52.6	58.4	65.1	72.4	74.4	79.9	83.0	83.3	86.9	87.8	88.1	88.4	88.7	89.4	91.8	
GE 1500	52.9	58.8	65.4	72.8	74.8	80.2	83.4	83.8	87.3	88.2	88.6	88.9	89.1	89.9	92.2	
GE 1200	52.9	58.9	65.7	73.2	75.2	80.7	83.9	84.2	87.8	88.7	89.0	89.3	89.6	90.3	92.7	
GE 1000	53.0	59.0	65.8	73.4	75.4	80.9	84.2	84.6	88.1	89.0	89.3	89.7	89.9	90.7	93.0	
GE 900	53.0	59.0	65.8	73.4	75.4	80.9	84.2	84.6	88.1	89.0	89.3	89.7	89.9	90.7	93.0	
GE 800	53.0	59.1	65.9	73.6	75.6	81.0	84.3	84.7	88.2	89.1	89.4	89.8	90.0	90.8	93.1	
GE 700	53.0	59.1	65.9	73.6	75.6	81.0	84.3	84.7	88.2	89.1	89.4	89.8	90.0	90.8	93.1	
GE 600	53.0	59.1	65.9	73.6	75.6	81.0	84.4	84.8	88.3	89.2	89.6	89.9	90.1	90.9	93.2	
GE 500	53.0	59.1	65.9	73.6	75.6	81.0	84.4	84.8	88.4	89.3	89.7	90.0	90.2	91.0	93.6	
GE 400	53.0	59.1	65.9	73.6	75.6	81.0	84.4	84.8	88.8	89.7	90.0	90.3	90.6	91.3	94.2	
GE 300	53.0	59.1	65.9	73.6	75.6	81.0	84.4	84.8	88.8	89.7	90.1	90.4	90.7	91.4	95.8	
GE 200	53.0	59.1	65.9	73.7	75.7	81.1	84.6	84.9	88.9	89.8	90.2	90.6	90.8	91.8	97.6	
GE 100	53.0	59.1	65.9	73.7	75.7	81.1	84.6	84.9	88.9	89.8	90.2	90.7	90.9	92.3	99.4	
GE 0	53.0	59.1	65.9	73.7	75.7	81.1	84.6	84.9	88.9	89.8	90.2	90.7	90.9	92.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		25.3	29.1	31.8	36.7	37.3	41.1	42.7	43.7	45.7	47.4	48.3	49.2	49.9	50.6	54.1
GE 20000		26.8	31.1	34.0	40.0	40.9	45.2	47.6	48.6	51.1	53.0	54.0	55.1	55.8	56.4	60.0
GE 18000		27.0	31.3	34.2	40.2	41.1	45.4	47.9	48.9	51.4	53.3	54.3	55.4	56.1	56.8	60.3
GE 16000		27.0	31.3	34.3	40.3	41.2	45.6	48.0	49.0	51.6	53.4	54.4	55.6	56.2	56.9	60.4
GE 14000		27.3	32.0	35.0	41.0	41.9	46.3	48.8	49.8	52.3	54.2	55.2	56.3	57.0	57.7	61.2
GE 12000		27.9	32.8	35.8	41.7	42.8	47.2	49.7	50.7	53.2	55.1	56.1	57.2	57.9	58.6	62.2
GE 10000		29.1	34.2	37.6	44.0	45.1	49.7	52.3	53.3	56.1	58.1	59.1	60.2	60.9	61.7	65.3
GE 9000		29.3	34.4	37.8	44.2	45.3	49.9	52.6	53.6	56.3	58.3	59.3	60.4	61.1	61.9	65.6
GE 8000		30.4	35.9	39.4	46.6	47.7	52.6	55.3	56.3	59.1	61.1	62.1	63.2	63.9	64.7	68.3
GE 7000		30.8	36.3	40.1	47.2	48.3	53.2	56.0	57.0	59.8	61.8	62.8	63.9	64.6	65.3	69.0
GE 6000		31.1	36.7	40.4	47.6	48.7	53.6	56.3	57.3	60.1	62.1	63.1	64.2	64.9	65.7	69.3
GE 5000		31.7	37.2	41.0	48.2	49.4	54.3	57.1	58.1	60.9	62.9	63.9	65.0	65.7	66.4	70.1
GE 4500		31.9	37.4	41.2	48.4	49.8	54.7	57.4	58.6	61.6	63.6	64.6	65.7	66.3	67.1	70.8
GE 4000		36.6	42.4	46.3	54.2	55.6	60.8	63.6	64.7	67.8	69.9	70.9	72.1	72.8	73.6	77.2
GE 3500		38.7	44.9	48.8	56.9	58.2	63.6	66.7	67.8	71.1	73.2	74.2	75.4	76.1	76.9	80.6
GE 3000		41.6	48.3	52.9	61.4	63.2	69.0	72.7	73.8	77.4	79.6	80.9	82.2	82.9	83.8	87.6
GE 2500		43.0	50.0	54.6	63.2	65.0	70.9	74.8	76.0	79.8	82.0	83.4	84.8	85.4	86.3	90.1
GE 2000		43.4	50.6	55.1	64.1	65.9	71.8	75.8	77.0	80.8	83.0	84.4	85.8	86.4	87.3	91.1
GE 1800		43.4	50.6	55.1	64.3	66.1	72.0	76.0	77.2	81.0	83.2	84.7	86.0	86.7	87.6	91.3
GE 1600		43.6	50.8	55.3	64.8	66.6	72.4	76.4	77.7	81.4	83.9	85.3	86.8	87.4	88.3	92.1
GE 1400		43.7	50.9	55.4	64.9	66.7	72.6	76.6	77.8	81.6	84.0	85.4	86.9	87.6	88.4	92.2
GE 1200		44.0	51.3	55.9	65.4	67.2	73.1	77.1	78.3	82.1	84.6	86.0	87.6	88.2	89.1	92.9
GE 1000		44.1	51.4	56.0	65.6	67.3	73.2	77.3	78.6	82.3	84.8	86.2	87.8	88.4	89.3	93.1
GE 800		44.1	51.4	56.0	65.6	67.3	73.2	77.3	78.6	82.3	84.8	86.2	87.9	88.6	89.4	93.2
GE 700		44.1	51.4	56.0	65.6	67.3	73.2	77.3	78.6	82.3	84.8	86.2	87.9	88.6	89.4	93.2
GE 600		44.1	51.4	56.0	65.6	67.3	73.2	77.3	78.6	82.3	84.8	86.2	87.9	88.6	89.4	93.2
GE 500		44.1	51.6	56.1	65.7	67.4	73.3	77.4	78.7	82.4	84.9	86.3	88.0	88.7	89.6	93.3
GE 400		44.1	51.6	56.1	65.7	67.4	73.3	77.6	78.8	82.6	85.0	86.4	88.1	88.8	89.7	94.1
GE 300		44.1	51.6	56.1	65.7	67.4	73.3	77.6	78.8	82.6	85.0	86.7	88.3	89.0	90.0	96.1
GE 200		44.1	51.6	56.1	65.7	67.4	73.3	77.6	78.8	82.6	85.1	86.8	88.4	89.2	90.2	97.8
GE 100		44.1	51.6	56.1	65.7	67.4	73.3	77.6	78.8	82.6	85.1	86.8	88.6	89.3	90.3	99.7
GE 0		44.1	51.6	56.1	65.7	67.4	73.3	77.6	78.8	82.6	85.1	86.8	88.6	89.3	90.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AIR KOREA

PERIOD OF RECORD: 77-86
MONTH: NOV FOURDILS: 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	GF 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		28.9	33.1	36.4	40.4	41.3	45.2	47.3	48.7	49.6	51.0	51.1	51.1	51.1	51.6	52.3
GE 20000		31.6	35.3	40.3	45.0	45.9	50.3	53.3	54.7	56.3	57.9	58.1	58.1	58.1	58.6	59.4
GE 18000		32.2	37.1	41.2	45.9	46.8	51.3	54.3	55.8	57.4	59.0	59.2	59.2	59.2	59.7	60.6
GE 16000		32.2	37.1	41.2	45.9	46.8	51.3	54.3	55.8	57.4	59.0	59.2	59.2	59.2	59.7	60.6
GE 14000		32.7	37.6	42.0	46.7	47.6	52.4	55.4	56.9	58.7	60.2	60.4	60.6	60.6	61.0	61.9
GE 12000		33.8	38.8	43.6	48.7	49.7	54.6	57.6	59.0	60.8	62.4	62.7	62.8	62.8	63.2	64.1
GE 10000		34.4	39.8	44.7	50.0	51.6	56.6	59.8	61.4	63.3	65.0	65.3	65.7	65.7	66.1	67.1
GE 9000		34.6	40.0	45.0	50.6	52.1	57.3	60.6	62.2	64.1	65.8	66.1	66.4	66.4	66.9	67.9
GE 8000		35.9	41.9	47.0	53.2	54.9	60.1	63.6	65.2	67.1	69.0	69.3	69.7	69.7	70.1	71.1
GE 7000		36.3	42.3	47.6	53.9	55.6	60.9	64.3	66.0	68.0	69.9	70.3	70.7	70.7	71.1	72.1
GE 6000		36.8	42.8	48.0	54.3	56.0	61.3	64.8	66.4	68.4	70.3	70.8	71.1	71.1	71.6	72.6
GE 5000		38.1	44.1	49.4	55.8	57.4	62.9	66.3	68.0	70.0	71.9	72.3	72.7	72.7	73.1	74.1
GF 4000		38.4	44.6	50.0	56.4	58.1	63.6	67.0	68.7	70.8	72.7	73.1	73.4	73.4	73.9	74.9
GE 4000		42.2	48.8	54.6	61.8	63.6	69.2	72.8	74.7	76.9	78.8	79.3	79.8	79.8	80.2	81.2
GE 3500		43.8	52.6	58.6	64.1	65.9	71.8	75.4	77.4	80.0	81.9	82.4	82.9	82.9	83.3	84.3
GE 3000		46.4	53.8	60.3	68.1	70.2	76.8	80.9	83.0	86.0	88.0	88.6	89.1	89.1	89.6	90.6
GE 2500		47.0	54.3	61.1	69.0	71.1	77.8	82.1	84.3	87.3	89.6	90.1	90.7	90.7	91.1	92.1
GE 2000		47.9	55.7	62.6	70.7	72.9	79.6	83.9	86.1	89.1	91.3	91.9	92.4	92.4	92.9	93.9
GE 1800		47.9	55.7	62.6	70.7	72.9	79.6	83.9	86.1	89.1	91.3	91.9	92.4	92.4	92.9	93.9
GE 1600		48.0	55.8	62.8	71.1	73.3	80.0	84.3	86.6	89.8	92.0	92.7	93.2	93.2	93.7	94.7
GE 1400		48.1	55.9	62.9	71.2	73.4	80.1	84.4	86.7	89.9	92.3	93.0	93.6	93.6	94.0	95.0
GE 1200		48.1	55.9	62.9	71.3	73.6	80.2	84.8	87.0	90.2	92.7	93.3	93.9	93.9	94.3	95.3
GE 1000		48.2	56.0	63.0	71.4	73.7	80.3	84.9	87.1	90.3	92.8	93.4	94.0	94.0	94.4	95.4
GE 900		48.2	56.0	63.0	71.4	73.7	80.3	84.9	87.1	90.3	92.8	93.4	94.0	94.0	94.4	95.4
GE 800		48.2	56.0	63.0	71.4	73.7	80.3	84.9	87.1	90.3	92.8	93.4	94.0	94.0	94.4	95.4
GE 700		48.2	56.0	63.0	71.4	73.7	80.3	84.9	87.1	90.3	92.8	93.4	94.0	94.0	94.4	95.4
GE 600		48.2	56.0	63.0	71.4	73.7	80.3	84.9	87.1	90.3	92.8	93.4	94.0	94.0	94.4	95.4
GE 500		48.2	56.0	63.0	71.4	73.7	80.3	84.9	87.1	90.3	92.9	93.6	94.1	94.1	94.7	96.0
GF 400		48.2	56.0	63.0	71.4	73.7	80.3	84.9	87.1	90.3	93.1	93.8	94.3	94.3	95.1	97.3
GE 300		48.2	56.0	63.0	71.4	73.8	80.4	85.0	87.2	90.4	93.2	93.9	94.4	94.4	95.3	98.2
GF 200		48.2	56.0	63.0	71.4	73.8	80.4	85.0	87.2	90.4	93.2	93.9	94.4	94.4	95.6	98.9
GE 100		48.2	56.0	63.0	71.4	73.8	80.4	85.0	87.2	90.4	93.2	94.0	94.6	94.6	95.7	99.6
GE 0		48.2	56.0	63.0	71.4	73.8	80.4	85.1	87.3	90.6	93.3	94.1	94.7	94.7	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS: 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	47.9	50.1	51.2	52.9	53.1	53.2	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7
GE 20000	54.9	58.0	59.3	61.6	62.1	62.3	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8
GE 18000	55.8	58.9	60.2	62.4	63.0	63.4	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9
GE 16000	55.8	59.0	60.5	62.6	63.1	63.6	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0
GE 14000	57.1	60.4	61.8	64.0	64.6	65.0	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4
GE 12000	58.4	62.0	63.3	65.7	66.2	66.7	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1
GE 10000	61.3	65.1	66.4	69.1	69.7	70.1	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9
GE 9000	61.3	65.1	66.4	69.1	69.7	70.2	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0
GE 8000	64.8	68.9	70.7	73.4	74.2	75.1	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0
GE 7000	66.6	70.7	72.6	75.3	76.1	77.0	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9
GE 6000	66.8	70.9	73.0	75.8	76.6	77.4	78.1	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3
GE 5000	67.4	71.8	74.0	76.8	77.7	78.6	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4
GE 4500	67.8	72.1	74.3	77.1	78.0	78.9	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8
GE 4000	71.9	76.3	78.8	81.8	82.8	83.9	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8
GE 3500	73.7	79.2	80.7	83.9	84.8	85.9	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9
GE 3000	78.0	84.1	86.9	90.8	91.8	93.1	94.3	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7
GE 2500	78.8	85.0	87.8	91.7	92.7	94.0	95.3	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7
GE 2000	79.8	86.0	88.8	92.7	93.7	95.2	96.7	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 1800	79.9	86.1	88.9	92.8	93.8	95.3	96.8	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1
GE 1500	80.4	86.7	89.4	93.6	94.7	96.2	97.7	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
GE 1200	80.6	85.8	89.6	93.7	94.8	96.3	97.8	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1
GE 1000	80.8	87.0	89.8	94.0	95.1	96.8	98.2	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6
GE 900	80.8	87.0	89.8	94.0	95.1	96.8	98.2	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6
GE 800	80.8	87.0	89.8	94.0	95.1	96.8	98.2	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7
GE 700	80.8	87.0	89.8	94.0	95.1	96.8	98.2	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7
GE 600	80.8	87.0	89.8	94.0	95.1	97.0	98.4	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9
GE 500	80.8	87.0	89.8	94.0	95.1	97.1	98.6	98.7	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3
GE 400	80.8	87.0	89.8	94.0	95.1	97.1	98.7	98.8	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6
GE 300	80.8	87.0	89.8	94.0	95.1	97.1	98.8	98.9	99.1	99.4	99.4	99.8	99.8	99.8	99.8	99.8
GE 200	80.8	87.0	89.8	94.0	95.1	97.1	98.8	98.9	99.1	99.4	99.4	99.8	99.8	99.8	99.8	99.8
GE 100	80.8	87.0	89.8	94.0	95.1	97.1	98.8	98.9	99.1	99.4	99.4	99.8	99.8	99.8	99.8	99.8
GE 0	80.8	87.0	89.8	94.0	95.1	97.2	98.9	99.0	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB 40REA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.2	55.1	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	56.8
GE 20000	60.0	61.8	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	60.8	62.7	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	60.8	62.8	64.4	64.9	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 14000	61.4	63.6	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 12000	63.9	66.0	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	67.9	70.0	71.9	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	68.1	70.3	72.3	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	71.7	74.7	76.8	77.3	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	73.6	76.7	78.8	79.3	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	74.0	77.1	79.2	79.8	80.1	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 5000	75.1	78.4	80.8	81.3	81.7	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4000	75.7	79.0	81.3	81.7	82.2	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	80.6	83.9	86.3	87.1	87.6	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000	82.3	85.8	88.2	89.1	89.6	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	86.4	90.6	93.3	94.6	95.0	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	86.8	90.9	93.7	95.0	95.4	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	87.9	92.1	94.9	96.2	96.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	88.0	92.2	95.0	96.3	96.8	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1600	88.1	92.4	95.2	96.7	97.1	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1400	88.2	92.6	95.3	96.9	97.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	88.3	92.7	95.4	97.0	97.4	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	88.3	92.7	95.4	97.1	97.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	88.3	92.7	95.4	97.1	97.6	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	88.3	92.7	95.4	97.1	97.6	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	88.3	92.7	95.4	97.1	97.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	88.3	92.7	95.4	97.1	97.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	88.3	92.7	95.4	97.1	97.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	88.3	92.7	95.4	97.1	97.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	88.3	92.7	95.4	97.1	97.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	88.3	92.7	95.4	97.1	97.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	88.3	92.7	95.4	97.1	97.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

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: 471220 STATION NAME: OSAQ AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: NOV HOURS(LST): 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		50.3	54.8	58.0	60.3	60.6	60.9	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.3
GE 20000		53.8	59.4	63.4	66.8	67.2	67.9	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3
GE 18000		54.1	59.8	63.8	67.1	67.6	68.2	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.7
GE 16000		54.1	59.8	63.8	67.1	67.6	68.2	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.7
GE 14000		55.0	60.7	64.7	68.3	68.8	69.4	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9
GE 12000		56.2	62.1	66.2	70.2	70.7	71.6	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0
GE 10000		59.2	65.4	69.8	73.8	74.2	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.6
GE 9000		59.3	65.6	69.9	74.0	74.4	75.3	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8
GE 8000		61.9	68.6	73.8	78.4	79.1	80.0	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4
GE 7000		63.1	70.1	75.3	80.0	80.7	81.6	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.0
GE 6000		63.3	70.3	75.6	80.2	81.0	82.1	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.6
GE 5000		63.8	70.8	76.1	80.8	81.7	82.8	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2
GE 4500		64.7	71.7	77.0	81.7	82.6	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1
GE 4000		69.1	76.2	81.7	86.4	87.3	88.4	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9
GE 3500		70.9	78.0	83.4	88.4	89.3	90.4	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.9
GE 3000		74.4	81.8	87.6	93.0	94.0	95.3	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8
GE 2500		74.6	82.1	87.9	93.3	94.3	95.8	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4
GE 2000		75.4	83.1	88.9	94.4	95.4	97.3	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 1800		75.4	83.1	88.9	94.4	95.4	97.3	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 1500		75.4	83.1	88.9	94.6	95.6	97.7	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 1000		75.4	83.1	88.9	94.6	95.6	97.7	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 700		75.4	83.1	88.9	94.7	95.7	97.8	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 600		75.4	83.1	88.9	94.8	95.8	97.9	98.6	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 500		75.4	83.1	88.9	94.8	95.8	97.9	98.6	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 400		75.6	83.2	89.0	94.9	95.9	98.0	98.7	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3
GE 300		75.6	83.2	89.0	94.9	95.9	98.0	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 200		75.6	83.2	89.0	94.9	95.9	98.0	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 100		75.6	83.2	89.0	94.9	95.9	98.0	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 50		75.6	83.2	89.0	94.9	95.9	98.0	98.8	98.9	99.3	99.7	99.7	99.7	99.7	99.9	99.9	100.0
GE 0		75.6	83.2	89.0	94.9	95.9	98.0	98.8	98.9	99.3	99.7	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 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	44.7	49.2	53.0	59.1	59.6	61.2	61.9	62.0	62.4	62.6	62.7	63.0	63.1	63.3	63.6	
GE 20000	47.8	53.8	58.3	64.4	66.1	67.7	68.3	68.7	69.4	69.6	69.7	70.0	70.1	70.3	70.8	
GE 18000	47.9	53.9	58.4	64.9	66.2	67.8	68.4	68.8	69.6	69.7	69.8	70.1	70.2	70.4	70.9	
GE 16000	47.9	53.9	58.4	64.9	66.2	67.8	68.4	68.8	69.6	69.7	69.8	70.1	70.2	70.4	70.9	
GE 14000	48.1	54.1	58.7	65.2	66.6	68.1	68.8	69.1	69.7	70.0	70.1	70.4	70.6	70.8	71.2	
GE 12000	49.0	55.1	59.8	66.4	67.8	69.4	70.1	70.4	71.3	71.4	71.6	71.9	72.1	72.3	72.8	
GE 10000	51.8	58.3	63.1	70.1	71.4	73.1	73.8	74.2	75.1	75.3	75.4	75.8	76.0	76.2	76.7	
GE 9000	51.9	58.4	63.2	70.2	71.6	73.2	73.9	74.3	75.2	75.4	75.6	75.9	76.1	76.3	76.6	
GE 8000	54.2	61.8	66.7	74.0	75.3	77.0	77.7	78.1	79.0	79.2	79.3	79.7	79.9	80.1	80.6	
GE 7000	54.7	62.2	67.1	74.4	75.8	77.4	78.1	78.6	79.4	79.7	79.8	80.1	80.3	80.6	81.0	
GE 6000	55.0	62.6	67.4	74.6	76.1	77.8	78.7	79.1	80.0	80.2	80.3	80.7	80.9	81.1	81.6	
GE 5000	55.2	62.8	67.8	75.2	76.6	78.2	79.2	79.7	80.6	80.8	80.9	81.2	81.4	81.7	82.1	
GE 4500	55.9	63.7	68.7	76.3	77.7	79.3	80.3	80.8	81.7	81.9	82.0	82.3	82.6	82.8	83.2	
GE 4000	59.4	67.3	72.3	80.0	81.3	83.0	84.1	84.6	85.4	85.7	85.8	86.1	86.3	86.6	87.0	
GE 3500	61.8	69.8	74.8	82.4	83.9	85.6	86.7	87.1	88.0	88.2	88.3	89.7	88.9	89.1	89.6	
GE 3000	65.1	73.3	78.7	86.4	88.0	89.7	91.0	91.4	92.3	92.7	92.9	93.3	93.6	93.8	94.2	
GE 2500	66.7	74.9	80.2	88.3	90.0	91.7	93.1	93.6	94.6	94.9	95.1	95.6	95.8	96.0	96.4	
GE 2000	67.4	75.0	81.6	89.8	91.6	93.2	94.9	95.3	96.3	96.7	96.9	97.3	97.6	97.8	98.2	
GE 1800	67.4	75.0	81.6	89.8	91.6	93.2	94.9	95.3	96.3	96.7	96.9	97.3	97.6	97.8	98.2	
GE 1500	67.7	75.3	81.9	90.1	91.9	93.6	95.3	95.8	96.8	97.1	97.3	97.8	98.0	98.2	98.7	
GE 1200	67.7	75.3	81.9	90.2	92.0	93.8	95.6	96.0	97.0	97.3	97.6	98.0	98.2	98.4	98.9	
GE 1000	67.7	75.3	81.9	90.2	92.0	93.8	95.6	96.0	97.0	97.3	97.6	98.0	98.2	98.4	98.9	
GE 900	67.7	75.3	81.9	90.3	92.1	93.9	95.7	96.1	97.1	97.4	97.7	98.1	98.3	98.6	99.0	
GE 800	67.7	75.3	81.9	90.3	92.1	93.9	95.8	96.2	97.2	97.6	97.8	98.2	98.4	98.7	99.1	
GE 700	67.7	75.3	81.9	90.3	92.1	93.9	95.8	96.2	97.2	97.6	97.8	98.2	98.4	98.7	99.1	
GE 600	67.7	75.3	81.9	90.3	92.1	93.9	95.8	96.2	97.2	97.6	97.8	98.2	98.4	98.7	99.1	
GE 500	67.7	75.3	81.9	90.3	92.2	94.0	95.9	96.3	97.4	97.8	98.0	98.4	98.7	98.9	99.3	
GE 400	67.8	75.4	82.0	90.6	92.4	94.2	96.1	96.6	97.7	98.0	98.2	98.7	98.9	99.1	99.6	
GE 300	67.8	75.4	82.0	90.6	92.4	94.2	96.1	96.6	97.7	98.0	98.2	98.7	98.9	99.1	99.7	
GE 200	67.8	75.4	82.0	90.6	92.4	94.2	96.1	96.6	97.7	98.0	98.2	98.7	98.9	99.1	99.9	
GE 100	67.8	75.4	82.0	90.6	92.4	94.2	96.1	96.6	97.7	98.0	98.2	98.7	98.9	99.1	99.9	
GE 0	67.8	75.4	82.0	90.6	92.4	94.2	96.1	96.6	97.7	98.0	98.2	98.7	98.9	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 3/8	
NO CEILING	39.6	43.2	46.3	49.7	50.4	52.5	53.8	54.1	55.0	55.5	55.7	56.0	56.1	56.4	57.6		
GE 20000	43.3	47.5	51.1	55.3	56.3	58.7	60.1	60.5	61.7	62.2	62.5	62.7	62.9	63.2	64.3		
GE 18000	43.7	48.0	51.6	55.8	56.7	59.2	60.6	61.1	62.2	62.8	63.0	63.3	63.4	63.7	64.9		
GE 16000	43.7	48.0	51.6	55.8	56.8	59.2	60.7	61.1	62.3	62.8	63.1	63.3	63.5	63.8	64.9		
GE 14000	44.2	48.6	52.3	56.5	57.5	60.0	61.4	61.8	63.0	63.6	63.8	64.1	64.2	64.5	65.7		
GE 12000	45.2	49.7	53.5	57.9	58.9	61.4	62.9	63.3	64.5	65.1	65.3	65.6	65.7	66.0	67.3		
GE 10000	47.4	52.2	56.1	60.8	61.9	64.6	66.2	66.6	67.9	68.5	68.8	69.1	69.3	69.6	70.8		
GE 9000	47.6	52.3	56.3	61.0	62.1	64.9	66.5	66.9	68.2	68.8	69.1	69.4	69.6	69.9	71.1		
GE 8000	49.9	55.2	59.5	64.5	65.7	68.5	70.2	70.6	71.9	72.6	72.8	73.2	73.3	73.6	74.9		
GE 7000	50.8	56.1	60.5	65.6	66.7	69.6	71.2	71.7	72.9	73.6	73.9	74.2	74.3	74.7	75.9		
GE 6000	51.1	56.4	60.8	65.8	67.0	69.9	71.6	72.1	73.3	74.0	74.3	74.6	74.8	75.1	76.3		
GE 5000	51.8	57.2	61.6	66.7	67.9	70.9	72.5	73.0	74.3	75.0	75.3	75.6	75.7	76.0	77.3		
GE 4000	52.3	57.7	62.2	67.4	68.7	71.6	73.2	73.8	75.1	75.8	76.0	76.4	76.5	76.8	78.1		
GE 3500	56.8	62.5	67.1	72.6	74.0	77.1	78.8	79.4	80.7	81.4	81.8	82.1	82.3	82.6	83.8		
GE 3000	58.8	64.6	69.3	74.9	76.3	79.5	81.2	81.8	83.3	84.0	84.3	84.7	84.8	85.1	86.4		
GE 2500	62.3	69.7	73.8	79.4	81.3	84.8	86.8	87.4	89.0	89.8	90.1	90.5	90.7	91.0	92.3		
GE 2000	63.2	69.8	74.9	81.1	82.7	86.2	88.4	89.0	90.6	91.4	91.8	92.2	92.4	92.7	94.0		
GE 1500	64.0	70.8	76.0	82.3	83.9	87.6	89.8	90.5	92.1	92.9	93.3	93.7	93.9	94.2	95.5		
GE 1000	64.1	70.8	76.1	82.4	84.0	87.7	89.9	90.6	92.2	93.0	93.4	93.8	94.0	94.3	95.6		
GE 700	64.3	71.1	76.4	82.8	84.4	88.1	90.4	91.1	92.8	93.6	94.0	94.4	94.6	94.9	96.2		
GE 500	64.3	71.2	76.5	83.0	84.6	88.3	90.6	91.3	93.0	93.9	94.3	94.7	94.8	95.2	96.4		
GE 400	64.4	71.3	76.6	83.2	84.8	88.6	90.9	91.6	93.3	94.2	94.5	95.0	95.1	95.5	96.7		
GE 300	64.5	71.3	76.6	83.3	84.9	88.6	91.0	91.7	93.3	94.2	94.6	95.1	95.2	95.6	96.8		
GE 200	64.5	71.3	76.6	83.3	84.9	88.6	91.0	91.7	93.4	94.3	94.7	95.1	95.3	95.6	96.9		
GE 150	64.5	71.4	76.7	83.3	84.9	88.7	91.0	91.8	93.5	94.3	94.7	95.2	95.3	95.7	97.0		
GE 100	64.5	71.4	76.7	83.3	84.9	88.7	91.1	91.8	93.5	94.4	94.8	95.3	95.4	95.8	97.0		
GE 50	64.5	71.4	76.7	83.3	85.0	88.8	91.2	91.9	93.6	94.6	95.0	95.4	95.6	95.9	97.3		
GE 40	64.5	71.4	76.7	83.4	85.0	88.8	91.2	91.9	93.7	94.7	95.1	95.6	95.7	96.1	97.7		
GE 30	64.5	71.4	76.7	83.4	85.0	88.8	91.3	92.0	93.8	94.8	95.3	95.7	95.9	96.3	96.4		
GE 20	64.5	71.4	76.7	83.4	85.0	88.9	91.3	92.0	93.8	94.8	95.3	95.8	96.0	96.4	99.1		
GE 10	64.5	71.4	76.7	83.4	85.0	88.8	91.3	92.0	93.8	94.8	95.3	95.8	96.0	96.6	99.8		
GE 5	64.5	71.4	76.7	83.4	85.0	88.8	91.3	92.0	93.8	94.9	95.4	95.9	96.1	96.6	100.0		

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.0	45.2	50.0	55.3	57.0	59.0	60.9	61.2	62.5	62.8	62.8	63.0	63.0	63.5	64.5	
GE 2000	41.1	45.2	51.1	57.3	58.7	60.9	62.7	63.0	64.3	64.7	64.7	64.9	64.9	65.5	66.5	
GE 1800	41.4	45.5	51.4	57.5	59.0	61.2	63.0	63.3	64.6	65.1	65.1	65.3	65.3	65.8	66.8	
GE 1600	41.4	45.6	51.4	57.5	59.0	61.2	63.0	63.3	64.6	65.1	65.1	65.3	65.3	65.8	66.8	
GE 1400	41.6	45.8	51.6	57.8	59.2	61.4	63.5	63.9	65.2	65.6	65.6	65.8	65.8	66.3	67.3	
GE 1200	41.8	47.0	52.0	58.3	59.8	61.9	64.2	64.5	65.8	66.2	66.2	66.5	66.5	67.0	68.0	
GE 1000	42.6	47.8	52.9	59.1	60.8	63.0	65.3	65.6	66.9	67.3	67.3	67.5	67.5	68.1	69.0	
GE 900	42.7	48.0	53.0	59.2	60.9	63.1	65.4	65.7	67.0	67.4	67.4	67.6	67.6	68.2	69.1	
GE 800	43.2	48.9	54.5	61.0	62.6	64.8	67.1	67.4	68.7	69.1	69.1	69.4	69.4	69.9	70.9	
GE 700	43.3	49.2	54.9	61.3	62.9	65.2	67.4	67.7	69.0	69.5	69.5	69.7	69.7	70.2	71.2	
GE 600	43.3	49.2	55.1	61.6	63.2	65.5	67.7	68.1	69.5	69.9	69.9	70.1	70.1	70.6	71.6	
GE 500	44.9	51.0	56.8	63.3	64.9	67.2	69.5	69.8	71.2	71.6	71.6	71.8	71.8	72.4	73.3	
GE 400	45.2	51.2	57.1	63.4	65.4	67.6	69.9	70.2	71.6	72.0	72.0	72.3	72.3	72.8	73.8	
GE 400	51.9	59.8	65.4	73.0	74.8	77.4	79.8	80.3	81.7	82.4	82.6	82.8	82.8	83.3	84.4	
GE 300	53.9	61.0	67.8	75.6	77.4	80.2	82.7	83.2	84.6	85.4	85.6	85.8	85.8	86.5	87.5	
GE 300	57.6	65.3	72.9	81.2	83.1	86.2	88.8	89.6	91.0	91.9	92.2	92.4	92.4	93.0	94.1	
GE 200	58.3	65.9	73.5	81.8	83.9	87.2	89.9	90.6	92.0	93.0	93.2	93.4	93.4	94.2	95.3	
GE 200	59.1	65.8	74.4	82.9	84.9	88.3	91.0	91.8	93.3	94.5	94.7	94.9	94.9	95.7	96.8	
GE 1800	59.2	65.9	74.5	82.9	85.1	88.4	91.1	91.9	93.4	94.6	94.9	95.2	95.2	95.9	97.0	
GE 1500	59.2	66.9	74.5	82.9	85.1	88.4	91.4	92.3	93.8	95.1	95.4	95.7	95.7	96.5	97.5	
GE 1200	59.4	67.0	74.6	83.0	85.3	88.6	91.6	92.5	94.0	95.3	95.6	95.9	95.9	96.7	97.7	
GE 1000	59.4	67.0	74.6	83.0	85.3	88.7	91.7	92.6	94.4	95.7	96.0	96.3	96.3	97.1	98.2	
GE 900	59.4	67.0	74.6	83.0	85.3	88.7	91.7	92.6	94.4	95.7	96.0	96.3	96.3	97.1	98.2	
GE 800	59.4	67.0	74.6	83.0	85.3	88.7	91.7	92.6	94.4	95.7	96.0	96.3	96.3	97.1	98.2	
GE 700	59.4	67.0	74.6	83.0	85.3	88.7	91.7	92.6	94.4	95.7	96.0	96.3	96.3	97.1	98.2	
GE 600	59.4	67.0	74.6	83.0	85.3	88.7	91.7	92.6	94.4	95.7	96.0	96.3	96.3	97.1	98.2	
GE 500	59.4	67.0	74.6	83.0	85.3	88.7	91.7	92.6	94.4	95.7	96.1	96.5	96.6	97.4	98.5	
GE 400	59.4	67.0	74.6	83.0	85.3	88.7	91.7	92.6	94.5	95.8	96.2	96.6	96.7	97.5	98.7	
GE 300	59.4	67.0	74.6	83.0	85.3	88.7	91.8	92.7	94.7	96.0	96.5	96.8	96.9	98.0	99.1	
GE 200	59.4	67.0	74.6	83.0	85.3	88.7	91.8	92.7	94.7	96.0	96.6	96.9	97.0	98.1	99.4	
GE 100	59.4	67.0	74.6	83.0	85.3	88.7	91.8	92.7	94.7	96.0	96.6	96.9	97.0	98.1	99.6	
GE 0	59.4	67.0	74.6	83.0	85.3	88.7	91.8	92.7	94.7	96.0	96.6	96.9	97.0	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING FEET	VISIBILITY IN STATUTE MILES																		
	IN 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0		
NO CEIL			35.6	43.2	44.0	49.4	50.4	54.0	56.6	56.9	58.4	59.6	59.6	59.1	59.2	59.5	61.9		
GE 2000			36.9	41.5	45.5	51.0	52.0	55.6	58.3	58.6	60.1	60.4	60.4	61.0	61.1	61.3	63.9		
GE 1800			37.1	41.7	45.7	51.2	52.3	55.8	58.5	58.8	60.3	60.6	60.6	61.2	61.3	61.5	64.1		
GE 1600			37.1	41.7	45.7	51.2	52.3	55.8	58.5	58.8	60.3	60.6	60.6	61.2	61.3	61.5	64.1		
GE 1400			37.2	41.8	45.8	51.3	52.4	55.9	58.6	58.9	60.4	60.8	60.8	61.3	61.4	61.6	64.2		
GE 1200			37.6	42.3	46.2	51.4	53.2	56.8	59.6	59.9	61.4	61.7	61.7	62.3	62.4	62.6	65.2		
GE 1000			38.9	43.5	47.5	53.2	54.8	58.4	61.3	61.6	63.1	63.4	63.4	64.0	64.1	64.3	66.9		
GE 900			38.9	43.5	47.6	53.4	55.1	58.6	61.6	61.9	63.4	63.8	63.8	64.3	64.4	64.6	67.2		
GE 800			40.1	44.8	49.1	55.4	57.0	60.5	63.8	64.1	65.6	65.9	65.9	66.5	66.6	66.8	69.4		
GE 700			40.1	44.8	49.2	55.5	57.1	60.6	63.9	64.2	65.7	66.0	66.0	66.6	66.7	66.9	69.5		
GE 600			40.1	44.8	49.2	55.5	57.1	60.6	63.9	64.2	65.7	66.0	66.0	66.6	66.7	66.9	69.5		
GE 500			41.0	45.8	50.2	56.5	58.1	61.6	64.8	65.2	66.7	67.0	67.0	67.5	67.6	67.8	70.4		
GE 400			41.0	46.0	50.4	56.8	58.4	61.9	65.3	65.6	67.1	67.4	67.4	68.0	68.1	68.3	70.9		
GE 300			46.9	53.0	58.1	65.4	67.1	71.1	74.8	75.2	76.7	77.0	77.1	78.0	78.1	78.3	80.9		
GE 200			48.6	54.9	60.2	67.6	69.4	73.4	77.4	77.7	79.2	79.7	79.8	80.6	80.8	81.0	83.5		
GE 100			53.9	60.5	66.0	74.5	76.2	80.5	84.7	85.4	87.1	87.8	88.1	88.9	89.0	89.2	91.9		
GE 0			54.7	61.6	67.1	75.6	77.6	81.9	86.5	87.1	88.8	89.8	90.0	90.9	91.0	91.2	93.9		
GE 2000			55.1	62.4	67.8	76.6	78.6	83.3	87.8	88.5	90.3	91.4	91.6	92.5	92.6	92.8	95.5		
GE 1800			55.2	62.5	68.0	76.9	78.8	83.5	88.1	88.7	90.5	91.6	91.8	92.7	92.8	93.0	95.7		
GE 1600			55.4	62.7	68.2	77.2	79.2	84.3	88.8	89.5	91.3	92.4	92.6	93.4	93.5	93.8	96.5		
GE 1400			55.5	62.8	68.3	77.3	79.4	84.4	89.0	89.7	91.8	92.9	93.1	94.0	94.1	94.3	97.0		
GE 1200			55.5	62.8	68.3	77.4	79.5	84.5	89.1	89.8	91.9	93.1	93.3	94.2	94.3	94.5	97.2		
GE 1000			55.5	62.8	68.3	77.4	79.5	84.5	89.1	89.8	91.9	93.1	93.3	94.2	94.3	94.5	97.2		
GE 900			55.8	63.2	68.7	77.9	79.9	84.9	89.6	90.2	92.4	93.5	93.8	94.6	94.7	94.9	97.6		
GE 800			55.9	63.3	68.8	78.0	80.0	85.1	89.7	90.3	92.5	93.7	93.9	94.7	94.8	95.1	97.7		
GE 700			55.9	63.3	68.8	78.0	80.0	85.1	89.7	90.3	92.5	93.7	93.9	94.7	94.8	95.1	97.7		
GE 600			55.9	63.3	68.8	78.0	80.0	85.1	89.7	90.3	92.5	93.7	93.9	94.7	94.8	95.1	97.7		
GE 500			55.9	63.3	68.8	78.0	80.0	85.1	89.7	90.3	92.5	93.7	93.9	94.7	94.8	95.1	97.7		
GE 400			55.9	63.3	68.8	78.0	80.0	85.1	89.7	90.3	92.5	93.7	93.9	94.7	94.8	95.1	97.7		
GE 300			55.9	63.3	68.8	78.0	80.0	85.1	89.7	90.3	92.5	93.7	93.9	94.7	94.8	95.1	97.7		
GE 200			55.9	63.3	68.8	78.0	80.0	85.1	89.7	90.3	92.5	93.7	93.9	94.7	94.8	95.1	97.7		
GE 100			55.9	63.3	68.8	78.0	80.0	85.1	89.7	90.3	92.5	93.7	93.9	94.7	94.8	95.1	97.7		
GE 0			55.9	63.3	68.8	78.0	80.0	85.1	89.7	90.3	92.5	93.7	93.9	94.7	94.8	95.1	97.7		

TOTAL NUMBER OF OBSERVATIONS: 750

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GF 0	
NO CEIL	28.1	33.8	37.1	44.6	46.0	48.6	52.3	53.3	55.4	56.1	56.7	57.2	57.2	57.3	58.9		
GE 2000	29.0	34.8	38.4	46.2	47.4	50.3	54.4	55.5	57.5	58.4	58.9	59.5	59.5	59.7	61.3		
GE 1800	29.1	34.9	38.5	46.2	47.6	50.5	54.6	55.7	57.7	58.6	59.1	59.7	59.7	59.9	61.5		
GE 1600	29.1	34.9	38.5	46.2	47.6	50.5	54.6	55.7	57.7	58.6	59.1	59.7	59.7	59.9	61.5		
GE 1400	29.1	34.9	38.5	46.2	47.6	50.5	54.6	55.7	57.7	58.6	59.1	59.7	59.7	59.9	61.5		
GE 1200	29.1	34.9	38.7	46.6	48.0	50.9	55.1	56.2	58.3	59.1	59.7	60.2	60.2	60.4	62.0		
GE 1000	30.4	35.2	40.0	48.2	49.7	52.7	57.1	58.3	60.4	61.3	61.8	62.4	62.4	62.6	64.2		
GE 900	30.4	35.2	40.0	48.2	49.7	52.7	57.1	58.3	60.4	61.3	61.8	62.4	62.4	62.6	64.2		
GE 800	31.9	37.7	41.6	50.0	51.7	54.9	59.6	60.8	63.1	64.0	64.5	65.1	65.1	65.3	66.9		
GE 700	32.2	38.0	42.0	50.5	52.3	55.6	60.2	61.4	63.9	64.7	65.3	65.8	65.8	66.0	67.6		
GE 600	32.2	38.0	42.0	50.5	52.3	55.6	60.2	61.4	63.9	64.7	65.3	65.8	65.8	66.0	67.6		
GE 500	33.0	38.8	43.0	51.6	53.3	56.8	61.4	62.6	65.1	65.9	66.5	67.0	67.0	67.2	68.8		
GE 450	33.1	39.1	43.4	52.0	53.9	57.4	62.0	63.2	65.7	66.6	67.1	67.6	67.6	67.8	69.5		
GE 400	37.5	44.4	49.0	58.5	61.0	64.9	69.9	71.1	73.8	74.7	75.3	75.8	75.8	76.2	78.0		
GE 350	39.4	45.6	51.3	61.2	63.8	68.0	73.3	74.5	77.6	78.6	79.1	79.7	79.7	81.1	81.9		
GE 300	44.0	51.9	57.7	68.4	71.4	76.0	81.6	82.8	85.3	87.6	88.4	89.0	89.0	89.7	91.6		
GE 250	44.4	52.4	58.2	69.2	72.3	77.0	82.6	83.8	87.3	88.6	89.5	90.1	90.2	91.0	93.0		
GE 200	44.7	52.9	58.9	70.0	73.0	77.7	83.4	84.7	88.4	89.7	90.6	91.3	91.4	92.2	94.3		
GE 180	44.8	53.0	59.1	70.2	73.2	78.0	83.7	84.9	88.6	89.9	90.9	91.5	91.6	92.4	94.5		
GE 160	44.8	53.0	59.1	70.2	73.3	78.2	84.1	85.4	89.0	90.3	91.3	91.9	92.0	92.8	94.9		
GE 140	45.2	53.4	59.6	70.9	73.9	78.7	84.6	85.9	89.6	91.0	91.9	92.7	92.8	93.7	95.8		
GE 120	45.3	53.7	59.8	71.0	74.1	78.9	84.8	86.1	89.9	91.3	92.3	93.0	93.1	94.1	96.2		
GE 100	45.3	53.7	59.8	71.0	74.1	78.9	84.8	86.1	90.1	91.5	92.5	93.2	93.3	94.3	96.5		
GE 90	45.3	53.8	59.9	71.1	74.2	79.0	84.9	86.3	90.3	91.7	92.7	93.4	93.5	94.5	96.8		
GE 80	45.4	53.9	60.0	71.3	74.4	79.2	85.2	86.6	90.5	92.2	93.1	93.9	94.0	94.9	97.2		
GE 70	45.4	53.9	60.0	71.3	74.4	79.2	85.2	86.6	90.5	92.2	93.1	93.9	94.0	94.9	97.2		
GE 60	45.4	53.9	60.0	71.3	74.4	79.2	85.2	86.6	90.5	92.2	93.1	94.0	94.1	95.1	97.5		
GE 50	45.4	53.9	60.0	71.3	74.4	79.2	85.2	86.6	90.5	92.2	93.1	94.0	94.1	95.3	97.7		
GE 40	45.4	53.9	60.0	71.3	74.4	79.2	85.2	86.6	90.5	92.2	93.1	94.0	94.1	95.4	98.2		
GE 30	45.4	53.9	60.0	71.3	74.4	79.2	85.2	86.6	90.6	92.4	93.3	94.2	94.3	95.8	99.1		
GE 20	45.4	53.9	60.0	71.3	74.4	79.2	85.2	86.6	90.6	92.5	93.4	94.3	94.4	95.9	99.6		
GE 0	45.4	53.9	60.0	71.3	74.4	79.2	85.2	86.6	90.6	92.5	93.4	94.3	94.4	95.9	100.0		

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1/10	GE 6/10	GE 5/10	GE 4/10	GE 3/10	GE 2 1/2	GE 2 1/2	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		27.4	32.3	35.8	43.3	45.1	49.9	54.4	55.5	57.2	57.8	57.8	58.4	58.4	58.6	59.2
GE 2000	28.6	34.2	38.4	47.0	49.2	54.8	59.7	60.8	62.8	63.5	63.8	64.4	64.4	64.6	65.4	65.4
GE 1800	28.7	34.4	38.7	47.6	49.9	55.6	60.4	61.7	63.8	64.5	64.7	65.4	65.4	65.6	66.3	66.3
GE 1600	28.9	34.6	38.9	47.8	50.1	55.8	60.6	61.9	64.0	64.7	64.9	65.6	65.6	65.8	66.6	66.6
GE 1400	28.9	34.6	39.0	48.0	50.2	56.0	61.2	62.5	64.5	65.4	65.6	66.2	66.2	66.5	67.2	67.2
GE 1200	29.5	35.4	40.0	49.1	51.5	57.4	62.6	63.9	65.9	66.8	67.0	67.6	67.6	67.8	68.6	68.6
GE 1000	29.5	35.4	40.0	49.1	51.5	57.4	62.6	63.9	65.9	66.8	67.0	67.6	67.6	67.8	68.6	68.6
GE 800	30.9	37.1	42.2	51.6	54.0	59.9	65.4	66.7	68.8	69.7	69.9	70.5	70.5	70.9	71.5	71.5
GE 700	31.2	37.6	42.7	52.2	54.6	60.6	66.3	67.6	69.8	70.6	70.9	71.6	71.6	71.8	72.6	72.6
GE 600	31.2	37.7	42.8	52.4	54.9	61.1	66.8	68.1	70.2	71.1	71.3	72.0	72.0	72.3	73.0	73.0
GE 500	31.4	38.4	43.5	53.1	55.8	61.9	67.6	68.9	71.1	72.2	72.4	73.1	73.1	73.3	74.1	74.1
GE 450	31.4	38.4	43.5	53.2	55.9	62.0	67.7	69.2	71.4	72.5	72.7	73.4	73.4	73.7	74.4	74.4
GE 400	32.6	43.1	46.0	57.0	59.9	66.5	72.4	73.9	76.2	77.3	77.6	78.5	78.5	78.7	79.5	79.5
GE 350	34.0	42.0	48.3	59.7	62.7	69.7	75.8	77.4	80.0	81.1	81.4	82.3	82.3	82.5	83.2	83.2
GE 300	36.6	45.1	52.4	64.9	68.3	75.7	82.5	84.2	87.6	89.4	89.7	90.6	90.6	90.9	91.6	91.6
GE 250	36.8	45.5	52.9	65.7	69.0	76.5	83.4	85.2	88.7	90.5	90.9	91.8	91.8	92.0	92.8	92.8
GE 200	37.0	45.9	53.5	66.3	69.8	77.3	84.5	86.2	90.0	92.2	92.5	93.4	93.4	93.5	93.8	94.5
GE 1800	37.0	45.9	53.5	66.3	69.8	77.3	84.5	86.2	90.0	92.2	92.5	93.4	93.4	93.5	93.8	94.5
GE 1600	37.2	46.1	53.8	67.1	70.9	78.5	85.8	87.6	91.4	93.9	94.2	95.2	95.2	95.3	95.5	96.2
GE 1400	37.2	46.2	54.0	67.3	71.2	78.8	86.1	88.0	91.8	94.4	94.7	95.8	95.8	95.9	96.1	96.9
GE 1200	37.2	46.2	54.1	67.7	71.7	79.4	86.7	88.5	92.5	95.1	95.5	96.6	96.6	96.9	97.6	97.6
GE 1000	37.3	46.3	54.2	67.8	71.8	79.5	86.8	88.6	92.6	95.2	95.6	96.7	96.7	96.8	97.0	97.7
GE 800	37.3	46.3	54.2	67.8	71.8	79.5	86.9	88.7	92.7	95.3	95.7	96.9	96.9	97.0	97.2	98.0
GE 700	37.3	46.3	54.2	67.8	71.8	79.6	87.0	89.0	93.0	95.6	96.0	97.2	97.2	97.3	97.5	98.3
GE 600	37.3	46.3	54.2	67.8	71.8	79.6	87.1	89.1	93.1	95.8	96.2	97.4	97.4	97.5	97.7	98.5
GE 500	37.3	46.3	54.2	67.8	71.8	79.7	87.3	89.4	93.3	96.1	96.6	97.7	97.7	97.8	98.2	98.9
GE 450	37.3	46.3	54.2	67.8	71.8	79.7	87.3	89.4	93.3	96.1	96.6	97.7	97.7	97.8	98.2	98.9
GE 400	37.3	46.3	54.2	67.8	71.8	79.7	87.3	89.4	93.3	96.1	96.6	97.7	97.7	97.8	98.2	98.9
GE 350	37.3	46.3	54.2	67.8	71.8	79.7	87.3	89.4	93.3	96.1	96.6	97.7	97.7	97.8	98.2	98.9
GE 300	37.3	46.3	54.2	67.8	71.8	79.7	87.3	89.4	93.3	96.1	96.6	97.7	97.7	97.8	98.2	98.9
GE 200	37.3	46.3	54.2	67.8	71.8	79.7	87.3	89.4	93.3	96.1	96.6	97.7	97.7	97.8	98.2	98.9
GE 100	37.3	46.3	54.2	67.8	71.8	79.7	87.3	89.4	93.3	96.1	96.6	97.7	97.7	97.8	98.2	98.9
GE 0	37.3	46.3	54.2	67.8	71.8	79.7	87.3	89.4	93.3	96.1	96.6	97.7	97.7	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSPAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	52.9	56.5	58.9	61.6	62.6	63.7	64.1	64.2	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7		
GE 20000	56.3	62.5	63.3	66.3	67.5	68.7	69.1	69.2	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8		
GE 18000	56.7	62.9	63.9	66.9	68.1	69.2	69.7	69.9	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4		
GE 16000	56.7	62.9	63.9	66.9	68.1	69.2	69.7	69.9	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4		
GE 14000	56.8	61.3	64.3	67.3	68.5	69.7	70.1	70.3	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9		
GE 12000	57.4	62.2	65.2	68.2	69.4	70.6	71.1	71.3	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8		
GE 10000	58.4	63.2	66.3	69.4	70.5	71.8	72.3	72.5	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0		
GE 9000	58.6	63.4	66.6	69.6	70.8	72.0	72.5	72.7	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2		
GE 8000	60.9	66.3	69.9	73.2	74.4	75.7	76.1	76.3	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9		
GE 7000	61.4	65.9	70.4	73.8	75.1	76.3	77.1	77.3	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8		
GE 6000	61.4	65.9	70.4	73.8	75.1	76.3	77.1	77.3	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8		
GE 5000	61.8	67.3	71.0	74.5	75.8	77.1	77.8	78.1	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6		
GE 4500	62.3	67.7	71.4	74.9	76.3	77.6	78.5	78.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2		
GE 4000	64.7	71.2	75.4	79.1	80.8	82.4	83.2	83.4	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0		
GE 3500	67.7	74.3	78.5	82.5	84.1	85.8	86.7	86.9	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4		
GE 3000	71.5	78.9	83.4	87.8	89.8	91.5	92.5	92.7	93.2	93.4	93.4	93.8	93.8	93.8	93.8	93.8		
GE 2500	71.5	79.1	83.7	88.2	90.1	92.3	93.2	93.4	94.2	94.4	94.4	94.7	94.7	94.7	94.7	94.7		
GE 2000	71.7	79.4	84.2	88.8	90.8	93.1	94.1	94.3	95.2	95.7	95.8	96.2	96.2	96.2	96.2	96.2		
GE 1800	71.7	79.4	84.2	88.9	90.8	93.1	94.1	94.3	95.2	95.7	95.8	96.2	96.2	96.2	96.2	96.2		
GE 1600	71.9	79.7	84.7	89.8	91.7	94.1	95.2	95.4	96.2	96.9	97.0	97.4	97.4	97.4	97.4	97.4		
GE 1400	71.9	79.7	84.7	90.0	91.9	94.4	95.8	96.0	96.9	97.5	97.6	98.1	98.1	98.1	98.1	98.1		
GE 1000	72.2	79.9	85.1	90.5	92.5	95.1	96.6	96.8	97.7	98.4	98.5	98.9	98.9	98.9	98.9	98.9		
GE 900	72.2	79.9	85.1	90.5	92.5	95.1	96.6	96.8	97.7	98.4	98.5	98.9	98.9	98.9	98.9	98.9		
GE 800	72.2	79.9	85.1	90.5	92.5	95.1	96.7	96.9	97.8	98.6	98.7	99.1	99.1	99.1	99.1	99.1		
GE 700	72.2	79.9	85.1	90.5	92.6	95.3	96.9	97.1	98.1	98.8	99.0	99.5	99.5	99.5	99.5	99.5		
GE 600	72.2	79.9	85.1	90.5	92.6	95.3	96.9	97.1	98.1	98.8	99.0	99.5	99.5	99.5	99.5	99.5		
GE 500	72.2	79.9	85.1	90.5	92.7	95.5	97.1	97.3	98.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9		
GE 400	72.2	79.9	85.1	90.5	92.7	95.5	97.1	97.4	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0		
GE 300	72.2	79.9	85.1	90.5	92.7	95.5	97.1	97.4	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0		
GE 200	72.2	79.9	85.1	90.5	92.7	95.5	97.1	97.4	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0		
GE 100	72.2	79.9	85.1	90.5	92.7	95.5	97.1	97.4	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0		
GE 0	72.2	79.9	85.1	90.5	92.7	95.5	97.1	97.4	98.4	99.1	99.6	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: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2
NO CEIL	57.1	60.5	60.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	61.6	65.6	66.2	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	61.8	65.8	66.6	67.7	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	61.8	65.8	66.6	67.7	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	62.2	65.5	67.2	68.4	68.4	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	62.5	67.0	67.7	68.9	68.9	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	64.3	68.8	69.6	70.8	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 9000	64.4	69.9	69.7	70.9	70.9	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 8000	66.3	71.2	72.0	73.3	73.3	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 7000	67.2	72.0	72.9	74.2	74.2	74.6	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 6000	67.4	72.3	73.1	74.4	74.4	74.8	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	68.7	73.5	74.4	75.7	75.7	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4500	68.7	73.5	74.4	75.7	75.7	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4000	73.0	79.2	79.4	81.0	81.3	81.8	82.2	82.2	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.6
GE 3500	75.7	81.0	82.2	83.8	84.1	85.1	85.4	85.4	85.5	85.6	85.6	85.8	85.8	85.8	85.8	85.8
GE 3000	80.9	85.7	88.2	90.1	90.8	91.9	92.5	92.5	92.6	92.8	92.8	93.1	93.1	93.1	93.1	93.1
GE 2500	81.5	87.4	88.9	90.9	91.5	93.0	93.7	93.7	93.8	94.0	94.0	94.3	94.3	94.3	94.3	94.3
GE 2000	82.0	89.3	90.0	92.0	92.8	94.3	94.9	94.9	95.3	95.6	95.6	95.9	95.9	95.9	95.9	95.9
GE 1800	82.0	89.3	90.1	92.2	92.9	94.4	95.1	95.1	95.4	95.7	95.7	96.0	96.0	96.0	96.0	96.0
GE 1600	82.4	89.8	90.8	92.8	93.5	95.2	96.0	96.0	96.3	96.7	96.7	97.2	97.2	97.2	97.2	97.2
GE 1400	82.4	89.2	91.3	93.3	94.1	95.7	96.6	96.6	96.9	97.2	97.2	97.7	97.7	97.7	97.7	97.7
GE 1200	83.0	90.0	92.0	94.1	94.8	96.5	97.4	97.4	97.7	98.1	98.1	98.6	98.6	98.6	98.6	98.6
GE 1000	83.1	90.1	92.2	94.2	94.9	96.6	97.5	97.5	97.8	98.2	98.2	98.7	98.7	98.7	98.7	98.7
GE 900	83.1	90.2	92.3	94.4	95.2	96.8	97.7	97.7	98.1	98.4	98.4	98.9	98.9	98.9	98.9	98.9
GE 800	83.1	90.2	92.3	94.5	95.3	96.9	97.8	97.8	98.4	98.7	98.7	99.2	99.2	99.2	99.2	99.2
GE 700	83.1	90.2	92.3	94.6	95.4	97.0	98.0	98.0	98.5	98.8	98.8	99.4	99.4	99.4	99.4	99.4
GE 600	83.1	90.2	92.3	94.7	95.7	97.3	98.3	98.3	98.8	99.1	99.1	99.7	99.7	99.7	99.7	99.7
GE 500	83.1	90.2	92.3	94.7	95.7	97.3	98.3	98.3	98.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8
GE 400	83.1	90.2	92.3	94.7	95.7	97.3	98.3	98.3	98.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8
GE 300	83.1	90.2	92.3	94.7	95.7	97.3	98.3	98.3	98.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8
GE 200	83.1	90.2	92.3	94.7	95.7	97.3	98.3	98.3	98.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8
GE 100	83.1	90.2	92.3	94.7	95.7	97.3	98.3	98.3	98.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8
GE 0	83.1	90.2	92.3	94.7	95.7	97.3	98.3	98.3	98.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8

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: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: DEC 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	51.9	58.3	61.4	63.7	63.9	64.6	65.2	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	66.0
GE 2000	54.4	61.4	64.9	67.7	68.0	69.0	69.9	70.0	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.8
GE 1800	54.7	61.7	65.4	68.2	68.4	69.5	70.3	70.4	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.2
GE 1600	54.7	61.7	65.4	68.2	68.4	69.5	70.3	70.4	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.2
GE 1400	54.9	62.0	65.7	68.5	68.7	70.1	71.0	71.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.8
GE 1200	55.1	62.2	65.8	68.7	69.0	70.4	71.3	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.2
GE 1000	55.9	63.1	66.8	69.8	70.1	71.5	72.4	72.5	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.2
GE 900	55.9	63.1	66.8	69.8	70.1	71.5	72.4	72.5	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.2
GE 800	56.5	64.3	68.2	71.5	71.8	73.2	74.1	74.2	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.9
GE 700	56.6	64.4	68.3	71.8	72.2	73.5	74.4	74.5	74.8	75.1	75.2	75.4	75.4	75.4	75.4	75.6
GE 600	56.9	64.7	68.6	72.2	72.5	73.9	74.7	74.8	75.2	75.4	75.5	75.7	75.7	75.7	75.7	75.9
GE 500	58.1	65.9	69.8	73.3	73.7	75.1	75.9	76.0	76.3	76.6	76.7	76.9	76.9	76.9	76.9	77.1
GE 450	58.4	66.2	70.1	73.7	74.0	75.4	76.2	76.3	76.7	76.9	77.0	77.2	77.2	77.2	77.2	77.4
GE 400	62.2	73.4	74.3	78.2	78.8	80.3	81.3	81.4	81.7	81.9	82.0	82.3	82.3	82.3	82.3	82.6
GE 350	64.8	73.1	77.2	81.2	81.9	83.8	84.7	84.8	85.2	85.4	85.5	85.7	85.7	85.7	85.7	86.0
GE 300	70.5	79.6	83.8	88.6	89.4	91.4	92.5	92.6	92.9	93.1	93.2	93.4	93.4	93.4	93.4	93.9
GE 250	71.4	80.8	84.9	89.9	90.9	93.1	94.2	94.3	94.6	94.8	94.9	95.2	95.2	95.2	95.2	95.6
GE 200	71.7	81.3	85.5	90.4	91.4	93.8	94.9	95.1	95.6	95.9	96.0	96.2	96.2	96.2	96.2	96.7
GE 180	72.0	81.7	85.9	90.9	91.8	94.2	95.4	95.5	96.0	96.3	96.5	96.7	96.7	96.7	96.7	97.1
GE 150	72.3	81.9	86.2	91.3	92.3	94.6	95.8	96.1	96.6	97.2	97.3	97.5	97.5	97.5	97.5	98.0
GE 120	72.6	82.4	86.7	91.9	93.0	95.4	96.6	96.9	97.6	98.2	98.3	98.5	98.5	98.5	98.5	98.9
GE 100	72.7	82.5	86.8	92.3	93.3	95.7	96.9	97.2	98.0	98.5	98.6	98.8	98.8	98.8	98.8	99.2
GE 90	72.7	82.5	86.8	92.3	93.3	95.7	96.9	97.2	98.0	98.5	98.6	98.8	98.8	98.8	98.8	99.2
GE 80	72.7	82.5	86.8	92.4	93.4	95.8	97.0	97.3	98.1	98.6	98.7	98.9	98.9	98.9	98.9	99.4
GE 70	72.7	82.5	86.8	92.5	93.5	95.9	97.1	97.4	98.2	98.7	98.8	99.0	99.0	99.0	99.0	99.5
GE 60	72.7	82.5	86.8	92.6	93.7	96.0	97.2	97.5	98.3	98.8	98.9	99.1	99.1	99.1	99.1	99.6
GE 50	72.7	82.5	86.8	92.6	93.7	96.0	97.2	97.5	98.3	98.8	98.9	99.1	99.1	99.1	99.1	99.6
GE 40	72.7	82.5	86.8	92.6	93.7	96.0	97.2	97.5	98.3	98.9	99.0	99.2	99.2	99.2	99.2	99.7
GE 30	72.7	82.5	86.8	92.6	93.7	96.0	97.2	97.5	98.3	99.0	99.1	99.4	99.4	99.4	99.4	99.8
GE 20	72.7	82.5	86.8	92.6	93.7	96.0	97.2	97.5	98.3	99.0	99.1	99.4	99.4	99.4	99.4	99.9
GE 10	72.7	82.5	86.8	92.6	93.7	96.0	97.2	97.5	98.3	99.0	99.1	99.4	99.4	99.4	99.4	99.9
GE 0	72.7	82.5	86.8	92.6	93.7	96.0	97.2	97.5	98.3	99.0	99.1	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA)

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL]	46.0	51.2	56.0	60.5	61.2	62.3	64.0	64.1	64.2	64.3	64.3	64.5	64.5	64.6	65.1	
GE 20000]	48.5	53.8	59.4	64.1	64.8	66.1	68.0	68.1	68.2	68.3	68.3	68.5	68.5	68.6	69.0	
GE 18000]	48.9	54.2	59.8	64.5	65.3	66.6	68.4	68.5	68.6	68.7	68.7	68.9	68.9	69.0	69.5	
GE 16000]	48.9	54.2	59.8	64.5	65.3	66.6	68.4	68.5	68.6	68.7	68.7	68.9	68.9	69.0	69.5	
GE 14000]	49.2	54.7	60.3	65.1	65.8	67.1	68.9	69.0	69.1	69.2	69.2	69.5	69.5	69.6	70.0	
GE 12000]	49.4	54.8	60.5	65.3	66.0	67.3	69.1	69.2	69.4	69.5	69.5	69.7	69.7	69.8	70.2	
GE 10000]	49.9	55.5	61.4	66.1	66.9	68.3	70.1	70.2	70.3	70.4	70.4	70.6	70.6	70.8	71.2	
GE 9000]	50.0	55.6	61.5	66.2	67.0	68.4	70.2	70.3	70.4	70.5	70.5	70.8	70.8	70.9	71.3	
GE 8000]	51.1	57.0	63.2	68.1	68.8	70.2	72.0	72.2	72.3	72.4	72.4	72.6	72.6	72.7	73.1	
GE 7000]	51.1	57.2	63.4	68.5	69.2	70.6	72.5	72.6	72.7	72.8	72.8	73.0	73.0	73.1	73.5	
GE 6000]	51.1	57.3	63.5	68.6	69.5	70.9	72.7	72.8	72.9	73.0	73.0	73.3	73.3	73.4	73.9	
GE 5000]	52.5	58.8	65.1	70.1	71.0	72.4	74.2	74.3	74.4	74.5	74.5	74.9	74.9	75.1	75.5	
GE 4500]	52.6	59.9	65.2	70.2	71.1	72.5	74.3	74.4	74.5	74.6	74.6	75.1	75.1	75.2	75.6	
GE 4000]	57.7	64.7	71.2	77.1	78.0	79.7	81.5	81.6	81.9	82.3	82.4	82.8	82.8	82.9	83.3	
GE 3500]	60.4	67.5	74.1	80.2	81.2	83.1	85.2	85.3	85.6	85.9	86.0	86.6	86.6	86.8	87.2	
GE 3000]	65.1	72.5	79.4	86.5	87.5	89.6	91.7	91.8	92.3	92.7	92.8	93.3	93.4	93.7	94.1	
GE 2500]	66.0	73.7	80.6	88.0	89.0	91.2	93.3	93.4	94.0	94.4	94.6	95.2	95.3	95.5	95.9	
GE 2000]	66.5	74.2	81.2	88.6	89.7	91.8	94.0	94.1	94.6	95.1	95.3	96.1	96.2	96.5	96.9	
GE 1800]	66.5	74.2	81.3	88.7	89.8	91.9	94.1	94.2	94.7	95.2	95.4	96.2	96.3	96.6	97.0	
GE 1500]	67.0	74.7	81.8	89.2	90.4	92.6	94.9	95.1	95.6	96.0	96.2	97.1	97.2	97.4	97.8	
GE 1200]	67.1	74.8	81.9	89.4	90.5	92.7	95.1	95.2	95.7	96.2	96.5	97.4	97.5	97.7	98.2	
GE 1000]	67.1	74.8	81.9	89.4	90.5	92.7	95.1	95.2	95.7	96.3	96.6	97.5	97.6	97.8	98.3	
GE 900]	67.1	74.8	81.9	89.4	90.5	92.7	95.1	95.2	95.7	96.3	96.6	97.5	97.6	97.8	98.3	
GE 800]	67.2	74.9	82.0	89.5	90.8	92.9	95.3	95.4	95.9	96.7	96.9	97.8	98.0	98.2	98.6	
GE 700]	67.2	74.9	82.0	89.6	90.8	92.9	95.3	95.4	95.9	96.7	96.9	97.8	98.2	98.4	98.8	
GE 600]	67.2	74.9	82.0	89.6	90.8	93.0	95.5	95.6	96.1	96.9	97.1	98.1	98.4	98.6	99.0	
GE 500]	67.2	74.9	82.0	89.7	90.9	93.1	95.6	95.7	96.2	97.0	97.2	98.2	98.5	98.7	99.2	
GE 400]	67.2	74.9	82.0	89.7	90.9	93.1	95.6	95.7	96.2	97.0	97.2	98.2	98.5	98.8	99.4	
GE 300]	67.2	74.9	82.0	89.7	90.9	93.1	95.6	95.7	96.2	97.0	97.2	98.2	98.5	98.8	99.4	
GE 200]	67.2	74.9	82.0	89.7	90.9	93.1	95.6	95.7	96.2	97.1	97.3	98.3	98.6	99.0	99.6	
GE 100]	67.3	75.1	82.2	89.8	91.0	93.2	95.8	95.9	96.5	97.3	97.5	98.5	98.8	99.2	100.0	
GE 0]	67.3	75.1	82.2	89.8	91.0	93.2	95.8	95.9	96.5	97.3	97.5	98.5	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: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		42.4	47.2	50.5	55.1	56.0	58.0	59.9	60.3	61.3	61.5	61.6	61.9	61.9	62.0	62.8
GE 20000	44.6	49.8	53.4	58.7	59.4	61.6	63.7	64.1	65.1	65.4	65.5	65.8	65.8	66.0	66.8	
GE 18000	44.8	50.0	53.7	58.8	59.8	62.1	64.1	64.6	65.5	65.9	66.0	66.3	66.3	66.4	67.2	
GE 16000	44.8	50.0	53.7	58.8	59.8	62.1	64.1	64.6	65.5	65.9	66.0	66.3	66.3	66.4	67.2	
GE 14000	45.0	50.3	54.0	59.1	60.1	62.4	64.5	65.0	65.9	66.3	66.4	66.7	66.7	66.8	67.6	
GE 12000	45.2	50.6	54.4	59.5	60.6	62.9	65.1	65.6	66.5	66.9	67.0	67.3	67.3	67.4	68.3	
GE 10000	46.2	51.7	55.6	60.7	61.9	64.3	66.5	67.0	67.9	68.3	68.4	68.7	68.7	68.9	69.7	
GE 9000	46.3	51.8	55.6	60.8	62.0	64.4	66.6	67.1	68.1	68.4	68.5	68.8	68.8	69.0	69.8	
GE 8000	47.6	53.4	57.6	63.0	64.2	66.6	69.0	69.4	70.4	70.8	70.9	71.2	71.2	71.4	72.2	
GE 7000	47.9	53.8	58.0	63.5	64.7	67.2	69.6	70.0	71.1	71.4	71.5	71.9	71.9	72.0	72.9	
GE 6000	47.9	53.9	58.1	63.6	64.9	67.3	69.8	70.2	71.3	71.6	71.7	72.1	72.1	72.3	73.1	
GE 5000	48.9	54.9	59.2	64.8	66.0	68.5	71.0	71.4	72.5	72.8	72.9	73.3	73.3	73.5	74.3	
GE 4000	49.1	55.1	59.4	65.0	66.3	68.8	71.3	71.8	72.8	73.2	73.3	73.7	73.7	73.8	74.7	
GE 3000	53.3	60.1	64.8	71.2	72.7	75.5	78.1	78.6	79.8	80.2	80.4	80.8	80.8	81.0	81.9	
GE 2000	55.6	62.6	67.4	74.0	75.6	78.6	81.4	81.9	83.1	83.6	83.8	84.2	84.2	84.5	85.3	
GE 1000	60.0	67.6	73.0	80.3	82.1	85.4	88.3	88.9	90.4	91.1	91.3	91.8	91.9	92.1	93.0	
GE 2500	60.6	68.3	73.7	81.2	83.0	86.5	89.6	90.2	91.7	92.4	92.7	93.2	93.2	93.5	94.4	
GE 2000	61.0	68.9	74.4	81.9	83.9	87.5	90.6	91.2	92.8	93.8	94.0	94.6	94.6	94.9	95.8	
GE 1800	61.1	69.0	74.6	82.1	84.0	87.6	90.7	91.4	93.0	93.9	94.2	94.7	94.8	95.1	96.0	
GE 1500	61.3	69.2	74.9	82.6	84.6	88.2	91.5	92.2	93.8	94.8	95.1	95.7	95.7	96.0	96.9	
GE 1200	61.4	69.4	75.1	82.9	84.9	88.6	91.9	92.6	94.3	95.3	95.6	96.3	96.3	96.6	97.5	
GE 1000	61.5	69.6	75.3	83.2	85.2	88.9	92.3	92.9	94.7	95.8	96.1	96.7	96.8	97.1	98.0	
GE 900	61.6	69.6	75.3	83.2	85.2	89.0	92.3	93.0	94.8	95.9	96.2	96.8	96.9	97.2	98.1	
GE 800	61.6	69.7	75.4	83.3	85.4	89.1	92.5	93.1	94.9	96.0	96.3	97.0	97.1	97.4	98.3	
GE 700	61.6	69.8	75.5	83.4	85.4	89.2	92.6	93.3	95.1	96.2	96.5	97.2	97.3	97.6	98.5	
GE 600	61.6	69.8	75.5	83.4	85.5	89.2	92.6	93.3	95.2	96.3	96.6	97.3	97.4	97.7	98.6	
GE 500	61.6	69.8	75.5	83.5	85.6	89.3	92.8	93.5	95.3	96.5	96.8	97.5	97.6	97.9	98.9	
GE 400	61.6	69.8	75.5	83.5	85.6	89.3	92.8	93.5	95.3	96.5	96.9	97.5	97.6	98.0	99.0	
GE 300	61.6	69.8	75.5	83.5	85.6	89.3	92.8	93.5	95.4	96.6	96.9	97.6	97.8	98.2	99.3	
GE 200	61.6	69.8	75.5	83.5	85.6	89.3	92.8	93.5	95.4	96.6	97.0	97.7	97.8	98.3	99.6	
GE 100	61.7	69.8	75.5	83.5	85.6	89.3	92.8	93.5	95.4	96.7	97.1	97.8	97.9	98.3	99.8	
GE 0	61.7	69.8	75.5	83.5	85.6	89.3	92.8	93.5	95.4	96.7	97.1	97.8	97.9	98.4	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: 471220 STATION NAME: OSAN AB KOREA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.9	43.5	46.0	49.1	49.8	51.4	52.5	52.9	53.4	53.8	53.9	54.1	54.2	54.3	54.8	
GE 20000	45.3	49.5	52.4	56.1	57.0	58.9	60.1	60.5	61.1	61.5	61.6	61.9	62.0	62.1	62.6	62.6
GE 18000	45.8	50.0	53.0	56.8	57.6	59.4	60.7	61.1	61.8	62.2	62.3	62.6	62.6	62.8	62.8	63.3
GE 16000	45.8	50.1	53.1	56.9	57.7	59.5	60.8	61.3	61.9	62.3	62.4	62.7	62.7	62.9	63.4	63.4
GE 14000	46.3	50.9	53.6	57.5	58.3	60.1	61.5	61.9	62.5	62.9	63.1	63.3	63.4	63.5	64.0	64.0
GE 12000	47.3	51.7	54.8	58.7	59.6	61.5	62.9	63.3	63.9	64.3	64.5	64.7	64.8	65.0	65.4	65.4
GE 10000	49.8	54.6	57.9	62.0	63.0	64.9	66.4	66.8	67.5	67.9	68.1	68.3	68.4	68.6	69.1	69.1
GE 9000	50.0	54.8	58.1	62.3	63.3	65.3	66.7	67.2	67.9	68.3	68.4	68.7	68.8	68.9	69.4	69.4
GE 8000	52.9	58.1	61.7	66.1	67.2	69.2	70.8	71.3	72.0	72.4	72.5	72.8	72.9	73.1	73.6	73.6
GE 7000	53.8	59.1	62.8	67.3	68.4	70.5	72.0	72.5	73.3	73.7	73.8	74.1	74.2	74.4	74.9	74.9
GE 6000	54.0	59.3	63.0	67.6	68.7	70.8	72.4	72.9	73.6	74.0	74.2	74.5	74.6	74.7	75.2	75.2
GE 5000	54.9	60.3	64.1	68.8	69.9	72.0	73.6	74.1	74.9	75.3	75.5	75.7	75.8	76.0	76.5	76.5
GE 4500	55.2	60.6	64.5	69.2	70.3	72.4	74.0	74.5	75.3	75.7	75.9	76.2	76.3	76.4	76.9	76.9
GE 4000	58.1	64.0	68.1	73.2	74.3	76.6	78.4	79.0	79.8	80.2	80.4	80.7	80.8	81.0	81.5	81.5
GE 3500	59.4	65.4	69.7	75.3	76.2	78.5	80.3	80.9	81.7	82.2	82.4	82.7	82.8	82.9	83.4	83.4
GE 3000	63.1	69.7	74.3	80.2	81.5	84.1	86.1	86.7	87.6	88.2	88.4	88.7	88.8	89.0	89.5	89.5
GE 2500	63.9	70.7	75.5	81.5	82.8	85.5	87.6	88.2	89.2	89.7	89.9	90.3	90.4	90.5	91.1	91.1
GE 2000	64.7	71.7	76.6	82.8	84.2	87.0	89.1	89.8	90.8	91.4	91.6	92.0	92.1	92.3	92.8	92.8
GE 1800	64.8	71.8	76.8	83.0	84.4	87.2	89.4	90.1	91.1	91.7	91.9	92.2	92.3	92.5	93.0	93.0
GE 1600	65.4	72.5	77.6	84.0	85.5	88.4	90.7	91.4	92.4	93.0	93.3	93.7	93.8	93.9	94.5	94.5
GE 1400	65.7	72.9	78.1	84.5	86.1	89.0	91.3	92.0	93.1	93.7	94.0	94.4	94.5	94.7	95.2	95.2
GE 1200	66.0	73.3	78.5	85.2	86.7	89.8	92.2	92.9	94.0	94.7	95.0	95.4	95.5	95.6	96.2	96.2
GE 900	66.0	73.3	78.6	85.3	86.9	89.9	92.4	93.1	94.2	94.9	95.1	95.5	95.6	95.8	96.4	96.4
GE 800	66.1	73.5	78.8	85.6	87.2	90.3	92.8	93.5	94.7	95.3	95.6	96.0	96.1	96.3	96.9	96.9
GE 700	66.2	73.6	79.0	85.8	87.4	90.6	93.1	93.8	95.0	95.7	96.0	96.4	96.5	96.7	97.2	97.2
GE 600	66.3	73.7	79.1	85.9	87.6	90.8	93.3	94.1	95.3	96.0	96.3	96.7	96.9	97.1	97.6	97.6
GE 500	66.3	73.8	79.2	86.1	87.8	91.1	93.7	94.5	95.8	96.5	96.8	97.3	97.4	97.6	98.2	98.2
GE 400	66.3	73.8	79.2	86.2	87.9	91.2	93.9	94.7	96.0	96.8	97.1	97.6	97.7	97.9	98.6	98.6
GE 300	66.3	73.8	79.2	86.2	87.9	91.3	94.0	94.8	96.2	97.0	97.3	97.8	98.0	98.2	99.0	99.0
GE 200	66.3	73.8	79.2	86.2	87.9	91.3	94.0	94.8	96.2	97.1	97.4	98.0	98.1	98.4	99.5	99.5
GE 100	66.3	73.8	79.3	86.2	87.9	91.3	94.0	94.8	96.2	97.1	97.4	98.0	98.2	98.5	99.8	99.8
GE 0	66.3	73.8	79.3	86.2	88.0	91.3	94.0	94.8	96.3	97.1	97.5	98.0	98.2	98.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 87613

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TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

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

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

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

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

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

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

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

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220

STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 95						.2	2.2	2.6					.4
GE 90						2.5	17.4	22.4	.6				3.6
GE 85					2.5	14.8	46.8	59.6	7.0				10.9
GE 80				1.3	16.6	52.6	79.8	87.1	37.8	2.1			23.1
GE 75				7.1	46.7	83.0	96.0	97.1	73.7	11.6			34.5
GE 70			.8	21.2	71.3	95.8	99.4	99.7	93.9	37.8	1.3		43.4
GE 65			2.7	40.3	88.7	99.5	99.8	100.0	99.3	65.5	6.9	.2	50.2
GE 60		.5	11.3	65.1	97.7	99.9	100.0		100.0	85.8	24.7	.9	57.1
GE 55	.3	2.6	28.2	84.9	99.5	100.0				95.0	46.0	3.6	63.2
GE 50	2.0	9.0	50.2	96.3	100.0					99.1	66.2	13.4	69.6
GE 45	8.7	23.8	71.0	99.5						99.7	80.0	29.8	76.0
GE 40	24.9	43.2	86.7	99.9						100.0	90.6	48.7	82.8
GE 35	48.6	67.9	95.8	100.0							97.5	69.9	89.9
GE 30	70.5	83.1	99.4								99.7	86.4	94.9
GE 25	86.9	95.7	99.9								100.0	94.5	98.1
GE 20	95.2	99.0	100.0									98.3	99.4
GE 15	99.2	99.9										99.7	99.9
GE 10	100.0	100.0										100.0	100.0
MEAN	33.7	38.2	49.3	62.8	73.1	79.4	84.0	85.5	77.5	66.8	52.6	39.3	61.9
SD	8.084	8.387	8.363	7.746	6.495	5.378	5.483	5.169	5.073	6.800	8.884	9.033	19.363
TOTAL OBS	1076	988	1084	1020	1054	1016	1054	1054	1020	1054	1020	1054	12494

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 47122D

STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 80]						.5	.5						.1
GE 75]						.3	23.6	26.1	.6				4.3
GE 70]						5.9	64.6	67.3	6.0				12.1
GE 65]					.9	28.1	91.0	89.9	22.4	.1			19.5
GE 60]				.6	11.1	72.2	99.1	98.9	51.2	2.0			27.9
GE 55]			.1	4.4	37.9	94.7	100.0	99.8	75.7	11.0	.3		35.2
GE 50]			.4	15.6	69.1	99.6		100.0	91.6	29.1	2.5	.1	42.3
GE 45]		.1	1.8	35.0	89.9	100.0			98.6	52.3	9.1	.3	48.8
GE 40]	.1	.7	6.9	56.1	99.1				99.7	73.7	22.7	1.7	55.0
GE 35]	2.2	4.9	21.4	81.9	100.0				100.0	92.3	44.0	6.8	62.7
GE 33]	3.3	8.2	31.5	88.2						96.1	52.8	10.9	65.8
GE 30]	7.6	16.5	53.7	95.9						99.1	68.4	20.4	71.7
GE 25]	18.3	37.0	82.2	99.8						100.0	87.2	43.1	80.6
GE 20]	36.2	56.3	95.5	100.0							96.6	62.7	87.2
GE 15]	55.9	73.5	99.4								99.7	60.9	92.4
GE 10]	72.8	87.0	100.0								99.9	92.2	96.0
GE 5]	86.2	95.2									100.0	97.2	98.2
GE 0]	94.8	98.9										99.3	99.4
GE -5]	97.9	99.4										99.8	99.8
GE -10]	99.5	99.6										100.0	99.9
GE -15]	99.9	99.9											100.0
GE -20]	100.0	100.0											100.0
MEAN]	15.6	20.4	30.0	41.4	52.3	62.1	70.9	71.0	59.4	44.9	33.5	22.2	43.6
SD]	9.883	9.344	6.222	7.327	5.818	4.639	4.371	4.528	6.878	7.349	7.929	8.810	20.146
TOTAL OBS]	1076	988	1084	1020	1054	1016	1054	1054	1020	1054	1020	1054	12494

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 471220

STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

TEMP/FIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 85I							5.2	4.6					.8
GE 80I						.9	35.0	44.6	1.4				6.9
GE 75I					.4	18.8	78.3	80.6	12.5				16.0
GE 70I				.3	8.8	66.4	97.2	97.4	46.3	.9			26.4
GE 65I				2.3	39.7	94.7	99.5	100.0	78.5	8.5			35.2
GE 60I			.1	13.2	74.8	99.7	100.0		96.1	30.9	.8		42.9
GE 55I			.8	38.0	95.1	100.0			99.8	63.5	5.9	.2	50.2
GE 50I		.2	6.6	66.0	99.9				100.0	84.0	23.9	.8	56.7
GE 45I	.3	1.6	26.2	89.5	100.0					95.5	47.7	4.1	63.6
GE 40I	2.5	11.0	52.4	98.4						99.5	68.2	15.7	70.6
GE 35I	13.5	29.4	80.8	99.8						100.0	85.0	36.7	78.7
GE 30I	32.0	53.8	94.1	100.0							94.9	58.3	86.0
GE 25I	53.4	72.5	99.0								99.4	77.1	91.7
GE 20I	72.7	86.8	99.9								100.0	90.5	95.8
GE 15I	87.5	96.8	100.0									96.7	98.4
GE 10I	96.4	99.3										99.1	99.6
GE 5I	99.4	99.8										99.9	99.9
GE 0I	99.9	100.0										100.0	100.0
GE -5I	100.0												100.0
MEAN	24.9	29.5	39.9	52.3	63.0	71.0	77.7	78.5	68.7	56.1	43.3	31.0	53.0
SD	8.426	8.216	6.464	6.333	4.931	3.936	4.296	4.243	5.113	6.336	7.881	8.539	19.462
TOTAL OBS	1076	988	1084	1020	1054	1016	1054	1054	1020	1054	1020	1054	12494

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	
						JUN	JUL						
53	47	54	60	78	85	91	93	98	85	82	64	65	98
54	48	54	70	80	83	88	91	95	90	75	68	54	95
55	44	60	65	81	85	92	93	93	91	83	65	57	93
56	48	50	63	75	80	87	96	97	90	77	70	48	97
57	44	44	59	80	85	87	89	93	84	80	65	51	93
58	48	58	71	80	86	96	96	94	85	77	66	54	96
59	50	58	64	76	83	89	94	98	89	81	67	54	98
60	54	56	65	78	86	89	95	97	89	77	66	57	97
61	42	56	62	75	85	87	97	96	88	78	67	56	97
62	48	54	66	74	80	89	96	91	87	78	70	54	96
63	38	50	70	72	80	84	91	91	85	72	65	51	91
64	47	44	70	78	82	90	94	95	84	76	58	52	95
65	43	48	58	80	88	92	94	90	85	81	66	55	94
66	51	55	61	79	84	88	90	95	86	75	66	53	95
67	54	59	62	80	84	85	93	92	86	70	64	42	93
68	48	52	65	77	81	86	90	90	88	81	68	65	90
69	50	49	68	77	79	88	88	91	85	79	65	55	91
70	50	58	65	78	85	85	92	90	88	76	65	54	92
71	49	54	70	76	86	85	92	92	85	74	72	54	92
72	56	47	65	79	79	88	97	91	80	77	64	57	97
73	51	59	66	78	80	86	96	96	87	75	60	53	96
74	50	53	68	77	86	87	87	91	84	75	69	51	91
75	44	53	62	84	84	91	95	98	91	82	68	60	98
76	50	60	59	73	89	91	89	89	82	75	68	55	91
77	42	64	71	78	82	91	95	89	84	82	66	59	95
78	48	57	64	80	87	89	96	89	86	82	66	60	96
79	55	62	64	75	82	82	89	91	82	77	72	54	91
80	52	55	63	77	86	88	86	82	82	77	66	52	88
81	34	46	70	77	86	88	95	90	84	75	57	52	95
82	48	54	64	79	84	84	95	95	88	82	70	54	95

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

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
83	46	46	64	77	88	93	90	93	88	77	64	57	93
84	45	48	61	73	81	90	91	95	82	77	68	57	95
85	37	50	64	79	82	90	93	93	90	75	68	50	93
86	43	39	64	75	81	90	91	95	88	75	63	55	95
87	46	55	63										
MEAN	47.1	53.2	64.9	77.5	83.9	88.3	92.6	92.8	86.1	77.5	66.1	54.7	94.1
S.D.	4.986	5.644	3.548	2.561	2.772	2.912	3.005	3.391	2.847	3.174	3.330	4.358	2.512
TOTAL OBS	1076	988	1084	1020	1054	1016	1054	1054	1020	1054	1020	1054	12494

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

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB 40REA

PERIOD OF RECORD: 53-87

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 WHOLE DEGREE'S FAHRENHEIT

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53	03	4	024	32	41	53	62	59	49	36	19	15	03
54	11	-7	19	34	44	55	58	63	48	32	26	9	-7
55	-8	5	21	28	44	49	64	66	50	31	24	17	-8
56	3	-11	19	32	42	55	64	60	41	27	16	0	-11
57	8	-1	16	24	40	52	64	61	38	27	20	7	-1
58	-8	-2	15	30	43	54	66	59	44	30	27	25	-8
59	1	19	21	33	46	53	66	65	50	33	22	7	1
60	0	17	19	24	41	55	64	64	51	39	14	4	0
61	-6	5	24	31	40	58	70	68	47	33	25	13	-6
62	8	9	23	27	42	50	60	65	46	35	20	14	8
63	-16	2	22	30	41	51	64	64	45	30	18	10	-16
64	12	6	21	34	45	56	67	66	51	29	24	14	6
65	-2	10	16	24	39	50	62	65	41	34	27	1	-2
66	0	3	25	27	41	49	57	67	47	32	9	6	0
67	-5	9	20	33	43	57	67	69	46	33	14	-3	-5
68	3	-2	19	30	41	48	64	59	42	34	21	6	-2
69	3	-17	13	30	41	50	57	60	53	33	21	1	-17
70	1	8	21	24	44	50	60	62	46	33	15	4	1
71	-6	4	13	27	43	56	65	63	47	32	22	13	-6
72	16	20	20	27	43	54	61	59	44	30	14	6	6
73	14	15	21	26	46	55	69	71	39	30	17	-9	14
74	-7	5	12	31	39	53	67	57	46	30	17	10	-7
75	6	10	19	30	44	53	64	64	51	33	21	5	6
76	1	17	19	26	39	55	57	64	46	24	19	4	1
77	-2	0	14	28	42	57	66	53	41	33	19	1	-2
78	0	3	21	24	37	50	64	62	44	33	19	12	0
79	12	1	21	26	41	55	62	53	43	34	14	14	1
80	1	-2	21	30	37	55	55	59	45	30	27	4	1
81	-13	1	23	24	41	44	70	63	44	24	14	9	-13
82	5	5	21	30	37	52	63	63	45	24	21	10	5

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NOTES * TRAINED ON LESS THAN FULL MONTHS
 # AT LEAST ONE DAY LESS THAN 24 OBS

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 53-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
83	7	5	10	30	41	54	61	64	50	27	18	0	0
84	0	1	14	27	39	54	63	66	45	30	18	1	0
85	-8	9	19	25	48	57	66	68	50	34	25	7	-8
86	-4	1	14	27	43	57	59	63	46	28	21	10	-4
87	0	7	14										
MEAN	2.8	4.5	18.8	28.9	41.7	53.4	62.9	62.8	46.1	31.5	19.9	7.5	-3.2
S.D.	7.579	7.838	3.456	2.756	2.600	2.990	3.643	4.075	3.718	3.126	3.972	6.934	6.139
TOTAL OBS	1076	988	1084	1020	1054	1016	1054	1054	1020	1054	1020	1054	12494

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

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-87

HOURS LIST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-05	MEAN	21.0	24.5	34.5	46.0	57.1	66.7	73.2	73.0	63.0	50.7	38.9	27.6	48.1
	SD	9.912	8.713	6.159	7.189	6.561	4.637	4.314	4.652	6.203	7.717	8.446	9.053	19.389
	TOT OBS	930	846	930	897	930	900	930	930	900	930	900	930	10953
06-11	MEAN	19.4	22.7	32.6	43.5	54.6	64.7	72.1	71.7	61.5	49.1	37.7	26.4	46.5
	SD	10.349	9.469	6.617	7.791	7.324	5.112	4.471	4.853	6.632	8.181	8.779	9.462	19.584
	TOT OBS	930	846	930	897	930	899	930	930	900	930	900	930	10952
12-08	MEAN	18.3	21.6	32.2	44.2	55.9	66.0	72.8	72.4	61.8	48.6	37.0	25.7	46.5
	SD	10.726	9.924	6.884	7.823	6.742	4.957	4.407	4.918	6.774	8.350	8.855	9.827	20.294
	TOT OBS	930	846	930	897	930	900	930	930	900	930	900	930	10953
09-11	MEAN	23.2	28.0	40.7	54.3	64.8	72.9	77.8	78.4	69.7	57.8	43.7	33.7	53.6
	SD	10.087	8.751	7.024	6.780	6.195	4.431	4.777	4.631	5.280	7.659	8.863	9.453	20.332
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	30.8	34.8	47.4	50.8	73.5	77.7	81.4	82.0	75.1	65.0	50.5	37.4	59.6
	SD	8.261	8.146	7.790	7.301	6.974	4.903	5.368	5.158	4.749	7.480	8.892	8.818	19.301
	TOT OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955
15-17	MEAN	32.2	35.9	48.5	61.4	71.7	79.1	82.3	82.7	75.6	65.5	50.8	38.0	60.4
	SD	7.908	8.224	8.021	7.720	7.260	5.055	5.618	5.456	4.889	7.756	8.866	8.771	19.306
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
18-20	MEAN	37.4	31.1	42.5	55.4	66.7	74.8	79.1	78.8	70.0	58.5	45.0	32.7	55.3
	SD	9.143	7.568	7.123	7.150	5.949	4.826	5.255	4.977	4.981	7.477	8.348	8.531	19.497
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
18-23	MEAN	23.4	27.4	38.0	50.1	61.0	69.8	75.1	74.9	65.1	52.8	40.6	29.0	50.7
	SD	9.067	7.873	6.138	6.594	6.312	4.113	4.324	4.363	5.658	7.295	8.252	8.790	19.213
	TOT OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955
ALL	MEAN	24.5	28.3	39.0	52.0	62.8	71.5	76.7	76.7	67.7	56.0	43.0	31.0	52.6
	SD	10.534	9.951	9.182	9.880	9.156	6.985	6.116	6.356	7.805	10.014	10.051	10.119	20.296
	TOT OBS	7440	5768	7440	7191	7440	7199	7438	7440	7200	7440	7200	7440	87636

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEI-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB (KOREA

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	19.2	22.6	32.0	42.8	53.6	63.0	69.9	70.0	60.6	48.2	36.4	25.8	45.5
	SD	9.476	8.464	5.949	7.075	6.126	4.753	4.270	4.563	6.279	7.655	8.459	8.712	18.876
	TOT OBS	930	846	930	897	930	900	930	930	900	930	900	930	10953
03-05	MEAN	17.8	21.0	30.4	41.0	51.8	61.8	69.2	69.2	57.3	47.0	35.4	24.7	44.2
	SD	9.903	9.150	6.333	7.506	6.644	5.243	4.470	4.717	6.635	8.193	8.701	9.124	19.163
	TOT OBS	930	846	930	897	930	899	930	930	900	930	900	930	10952
06-08	MEAN	16.8	20.1	30.2	41.6	52.9	62.6	69.5	69.5	59.4	46.5	34.8	24.1	44.1
	SD	10.326	9.618	6.656	7.328	6.296	4.948	4.398	4.719	6.628	8.267	8.806	9.428	19.659
	TOT OBS	930	846	930	897	930	900	930	930	900	930	900	930	10953
09-11	MEAN	21.0	25.3	36.4	47.7	57.6	65.9	72.0	72.5	64.1	52.9	39.7	28.2	48.7
	SD	9.565	8.343	6.384	5.932	5.182	4.149	4.240	4.389	5.178	7.252	8.680	8.938	18.838
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	26.7	29.8	39.9	50.5	59.8	67.7	73.4	73.7	65.9	55.9	43.5	32.7	51.7
	SD	7.719	7.640	6.675	6.179	5.372	4.081	4.048	4.414	5.081	6.965	8.611	8.218	17.489
	TOT OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955
15-17	MEAN	27.7	30.5	40.6	50.8	60.2	68.3	73.9	74.0	66.0	55.9	43.7	33.1	52.2
	SD	7.390	7.549	6.608	6.313	5.560	4.103	4.079	4.359	4.937	6.950	8.300	8.106	17.320
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
19-20	MEAN	24.5	27.6	37.3	48.0	58.2	66.8	72.6	72.8	64.3	53.2	40.7	29.7	49.7
	SD	7.824	7.314	6.147	6.346	5.686	4.247	4.302	4.340	5.235	7.231	8.305	8.186	18.044
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
21-23	MEAN	21.3	24.9	34.5	45.4	55.9	64.7	70.9	71.1	61.9	49.7	37.7	26.9	47.2
	SD	8.697	7.641	5.786	6.523	5.650	4.388	4.101	4.275	5.946	7.317	8.249	8.430	18.460
	TOT OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955
ALL HOURS	MEAN	21.9	25.2	35.2	46.0	56.3	65.1	71.4	71.6	62.7	51.2	39.0	28.1	47.9
	SD	9.692	9.016	7.369	7.590	6.558	5.059	4.570	4.815	6.326	8.293	9.112	9.230	18.737
	TOT OBS	7440	6768	7440	7191	7440	7199	7438	7440	7200	7440	7200	7440	87636

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	12.9	16.6	27.1	38.9	50.7	60.6	66.2	68.5	58.8	45.7	32.3	21.0	41.9
	SD	11.298	10.566	7.722	8.411	6.838	5.615	4.673	4.911	6.882	8.709	10.371	10.373	20.801
	TOT OBS	930	846	930	897	930	900	930	930	900	930	900	930	10953
03-05	MEAN	11.4	15.3	26.1	37.8	49.4	59.7	67.6	67.8	57.8	44.7	31.4	20.0	40.9
	SD	11.777	11.147	7.810	8.453	7.168	5.952	4.853	5.021	7.105	9.215	10.646	10.842	21.091
	TOT OBS	930	846	930	897	930	899	930	930	900	930	900	930	10952
06-08	MEAN	10.5	14.4	26.1	38.2	50.2	60.2	67.7	68.0	57.7	44.3	30.9	19.4	40.8
	SD	12.240	11.673	8.231	8.136	6.949	5.754	4.861	5.073	7.081	9.185	10.690	11.006	21.470
	TOT OBS	930	846	930	897	930	900	930	930	900	930	900	930	10951
09-11	MEAN	13.8	18.0	29.5	40.4	51.7	61.7	69.2	69.5	60.5	48.3	33.9	22.5	43.4
	SD	11.770	11.094	8.687	8.462	7.271	5.916	4.890	5.275	6.662	9.219	11.341	10.837	20.884
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	16.3	19.0	29.0	39.6	51.4	61.7	69.7	69.7	60.0	47.8	34.2	23.7	43.6
	SD	11.713	11.623	9.620	9.956	8.352	6.429	4.740	5.437	7.590	9.779	12.277	11.278	20.724
	TOT OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955
15-17	MEAN	17.2	19.4	29.3	39.6	51.3	61.9	70.0	69.8	59.9	47.4	34.5	23.9	43.8
	SD	11.288	11.148	9.383	10.038	8.766	6.463	4.775	5.541	7.435	9.554	11.543	10.906	20.479
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
18-20	MEAN	18.6	19.2	29.3	39.8	51.4	61.9	69.5	69.9	60.6	48.3	34.6	23.2	43.8
	SD	10.561	10.265	7.771	7.082	6.041	5.922	4.972	5.177	6.665	8.907	10.640	10.352	20.331
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
21-23	MEAN	14.7	18.4	28.6	40.0	51.5	61.5	68.7	69.2	59.7	46.7	33.1	21.5	42.9
	SD	10.833	9.865	7.416	8.405	7.132	5.679	4.600	4.720	6.818	8.635	10.197	10.225	20.452
	TOT OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955
ALL HOURS	MEAN	14.2	17.5	26.1	39.3	51.0	61.1	66.8	69.1	59.4	46.6	33.1	21.9	42.6
	SD	11.673	11.074	8.496	8.931	7.628	6.017	4.868	5.211	7.116	9.274	11.034	10.850	20.816
	TOT OBS	7440	6768	7440	7191	7440	7199	7438	7440	7200	7440	7200	7440	87636

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 78-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-07	100.0	100.0	100.0	98.7	93.9	78.4	51.3	26.5	11.7	71.7	930
	08-05	100.0	100.0	100.0	99.1	94.5	78.4	50.5	25.1	13.1	71.8	930
	06-08	100.0	100.0	100.0	99.8	94.7	80.2	53.1	26.3	12.5	72.2	930
	09-11	100.0	100.0	99.6	95.8	85.2	68.4	45.8	24.6	10.5	68.5	930
	12-14	100.0	99.7	95.1	79.4	60.6	41.1	27.0	17.9	4.4	57.1	930
	15-17	100.0	99.9	96.5	79.5	56.6	38.4	18.9	11.0	3.7	56.0	930
	18-20	100.0	100.0	99.8	97.0	80.8	59.4	32.2	16.8	5.8	65.0	930
	21-23	100.0	100.0	100.0	98.5	89.9	76.2	46.7	25.6	10.1	70.4	930
	TOTALS	100.0	100.0	98.9	93.5	82.0	65.1	40.1	21.1	9.0	66.6	7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 471220 STATION NAME: OSAN AB (DREA)

PERIOD OF RECORD: 78-87
 MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN {RELATIVE HUMIDITY}	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.1	95.2	82.2	53.1	29.0	10.8	72.6	846
	03-05	100.0	100.0	99.9	98.9	95.6	85.3	57.6	29.3	11.6	73.6	846
	06-08	100.0	100.0	100.0	98.6	96.0	84.9	62.8	30.4	11.6	74.3	846
	09-11	100.0	100.0	99.6	94.7	83.5	67.7	40.3	22.3	8.5	67.4	846
	12-14	100.0	100.0	96.6	76.0	53.4	33.8	16.1	9.0	3.3	54.3	846
	15-17	100.0	99.8	96.1	74.9	50.0	27.5	12.8	7.2	3.0	52.8	846
	18-20	100.0	100.0	100.0	95.4	77.7	51.3	24.1	13.7	5.6	62.5	846
	21-23	100.0	100.0	100.0	99.8	92.1	73.4	42.4	20.8	9.7	69.6	846
	TOTALS	100.0	100.0	99.0	92.2	80.4	63.3	38.7	20.2	8.0	65.9	6768

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 78-87
 MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-07	100.0	100.0	100.0	99.4	96.9	87.1	59.5	36.2	12.9	75.1	930
	08-05	100.0	100.0	100.0	99.6	98.0	91.9	70.6	42.4	16.7	77.7	930
	06-08	100.0	100.0	100.0	99.6	98.0	91.7	74.0	47.5	20.9	78.9	930
	09-11	100.0	100.0	99.1	94.8	81.8	61.5	37.4	19.7	7.8	66.1	930
	12-14	100.0	99.4	93.7	69.9	41.4	25.2	13.9	6.7	3.2	51.1	930
	15-17	100.0	99.1	90.9	68.0	39.4	22.6	13.3	5.7	2.3	49.8	930
	18-20	100.0	99.8	99.1	93.0	75.2	46.5	23.2	11.3	3.4	61.0	930
	21-23	100.0	100.0	100.0	99.6	94.4	76.3	42.7	21.8	7.6	70.3	930
	TOTALS	100.0	99.8	97.9	90.5	78.1	62.9	41.8	23.9	9.4	66.3	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	03-07	100.0	100.0	100.0	99.8	97.5	90.4	71.0	39.5	14.7	77.2	897
	13-05	100.0	100.0	100.0	100.0	98.8	95.0	81.0	51.4	23.5	80.8	897
	16-08	100.0	100.0	100.0	99.8	99.1	94.3	80.7	48.3	21.1	80.1	897
	19-11	100.0	99.9	97.7	88.1	72.6	52.2	32.9	12.9	4.7	61.5	900
	12-14	100.0	98.2	84.6	63.0	39.4	21.7	13.1	6.4	1.3	48.4	900
	15-17	100.0	97.9	82.6	60.1	36.7	22.6	13.7	5.1	1.9	47.6	900
	18-20	100.0	99.9	95.8	85.3	64.1	43.1	24.9	8.1	2.9	57.9	900
	21-23	100.0	100.0	99.8	98.1	91.7	73.3	51.0	19.4	5.2	69.3	900
	TOTALS	100.0	99.5	95.1	86.8	75.0	61.5	46.0	23.9	9.7	65.4	7191

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN [RELATIVE HUMIDITY]	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-07	100.0	100.0	100.0	99.9	99.0	93.5	82.4	48.4	16.7	79.8	930
	08-05	100.0	100.0	100.0	100.0	99.7	96.5	89.1	61.8	27.5	83.2	930
	06-08	100.0	100.0	100.0	100.0	98.8	95.2	84.9	54.0	25.7	81.5	930
	09-11	100.0	100.0	98.4	92.6	79.9	60.2	37.3	15.9	5.2	64.5	930
	12-14	100.0	99.1	92.0	77.7	52.6	29.9	17.6	7.8	2.4	53.4	930
	15-17	100.0	97.8	89.6	73.1	45.7	25.9	14.2	7.2	1.9	51.3	930
	18-21	100.0	99.7	96.2	88.9	73.2	47.4	25.4	10.5	3.5	60.0	930
	21-23	100.0	100.0	99.8	98.5	93.5	79.8	59.5	25.9	6.9	72.1	930
	TOTALS	100.0	99.6	97.0	91.3	80.3	66.1	51.3	28.9	11.2	68.2	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN [RELATIVE HUMIDITY]	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.0	97.7	89.1	52.0	24.3	80.9	90
	03-05	100.0	100.0	100.0	99.9	99.3	98.4	92.5	63.1	21.6	83.5	899
	06-08	100.0	100.0	99.9	99.9	99.1	97.3	88.7	58.9	18.4	82.0	900
	09-11	100.0	100.0	99.6	97.1	90.8	75.2	48.8	21.3	4.1	69.1	900
	12-14	100.0	99.9	97.4	89.7	70.8	45.2	23.7	7.4	1.4	59.4	900
	15-17	100.0	100.0	97.6	87.7	66.2	37.5	14.8	6.3	1.7	57.3	900
	18-20	100.0	100.0	99.4	97.0	86.3	65.8	34.9	13.7	2.3	65.5	900
	21-23	100.0	100.0	100.0	99.9	97.8	90.9	72.3	32.9	5.6	75.4	900
	TOTALS	100.0	100.0	99.2	96.4	88.7	75.2	58.6	31.9	8.7	71.6	7179

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 971220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-95
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN [RELATIVE HUMIDITY]	TOTAL [NO.]
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	01-07	100.0	100.0	100.0	100.0	99.9	99.8	97.3	69.1	20.4	84.1	93
	08-15	100.0	100.0	100.0	100.0	100.0	100.0	98.6	75.0	27.0	85.9	97
	16-23	100.0	100.0	100.0	100.0	100.0	99.7	96.3	68.0	2.1	84.1	93
	24-31	100.0	100.0	100.0	100.0	99.7	91.5	66.7	30.1	5.0	75.0	80
	12-19	100.0	100.0	100.0	99.9	95.7	73.1	41.7	19.5	1.9	62.1	67
	15-22	100.0	100.0	99.9	99.9	93.1	71.9	39.9	10.5	1.5	57.0	61
	18-25	100.0	100.0	100.0	99.9	97.7	65.5	52.7	23.9	4.1	71.0	75
	21-28	100.0	100.0	100.0	100.0	100.0	99.7	60.8	50.7	17.9	81.0	85
	30-31	100.0	100.0	100.0	99.9	98.3	51.0	73.0	41.0	21.8	71.0	74

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NAME: ...

PERIOD OF RECORDS: 77-86
 MONTH: AUG

RELATIVE HUMIDITY	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
	100	90	80	70	60	50	40	30	20		
100	100	100	100	100	100	100	100	100	100	85.9	930
90	100	100	100	100	100	100	100	100	100	87.4	930
80	100	100	100	100	100	100	100	100	100	85.9	930
70	100	100	100	100	100	100	100	100	100	74.7	930
60	100	100	100	100	100	100	100	100	100	67.0	930
50	100	100	100	100	100	100	100	100	100	66.0	930
40	100	100	100	100	100	100	100	100	100	74.8	930
30	100	100	100	100	100	100	100	100	100	82.5	930
20	100	100	100	100	100	100	100	100	100	79.0	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 1951-1970
 MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										
		10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN (REL. HUMIDITY)	
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9
	06-08	100.0	100.0	100.0	100.0	99.9	99.9	98.7	97.1	95.6	94.2	94.2
	09-11	100.0	100.0	99.9	98.9	95.3	89.1	81.1	71.9	61.9	51.9	51.9
	12-14	100.0	100.0	99.1	91.9	75.8	65.6	54.1	43.1	33.1	23.1	23.1
	15-17	100.0	100.0	99.7	92.7	80.1	70.1	57.1	45.1	35.1	25.1	25.1
	18-20	100.0	100.0	100.0	99.9	96.9	92.9	87.9	81.9	75.9	69.9	69.9
	21-23	100.0	100.0	100.0	100.0	99.9	97.9	95.9	93.9	91.9	89.9	89.9
	TOTALS		100.0	100.0	99.8	98.7	91.9	81.9	70.9	59.9	49.9	39.9

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CENTRAL CLIMATOLOGY BRANCH
 OSAN AB
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-86
 MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	0-24	100.0	100.0	100.0	99.8	97.7	87.4	66.8	41.1	16.0	76.6	930
	03-05	100.0	100.0	99.9	99.7	97.1	89.2	70.9	41.6	15.8	77.2	930
	06-08	100.0	100.0	100.0	99.4	97.5	90.5	72.8	41.6	17.1	77.5	930
	09-11	100.0	100.0	99.9	98.8	92.8	79.5	53.4	30.2	11.3	72.4	930
	12-14	100.0	100.0	98.7	89.1	69.0	43.8	22.6	11.0	2.8	59.3	930
	15-17	100.0	100.0	98.9	89.6	66.2	39.7	20.0	8.3	3.1	58.3	930
	18-20	100.0	100.0	100.0	99.1	91.7	69.8	41.7	23.0	6.7	68.9	930
	21-23	100.0	100.0	100.0	99.2	96.1	83.7	60.5	34.3	13.5	74.3	930
	TOTALS	100.0	100.0	99.7	96.8	88.5	72.9	51.1	28.9	10.8	70.6	7440

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 471220 STATION NAME: OSAN AB KOREA

PERIOD OF RECORD: 77-87
 MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	98.9	93.5	82.0	65.1	40.1	21.1	9.0	66.6	7440
FEB		100.0	100.0	99.0	92.2	80.4	63.3	38.7	20.2	8.0	65.9	6766
MAR		100.0	99.8	97.9	90.5	78.1	62.9	41.8	23.9	9.4	66.3	7441
APR		100.0	99.5	95.1	86.8	75.0	61.5	46.0	23.9	9.7	65.4	7191
MAY		100.0	99.6	97.0	91.3	80.3	66.1	51.3	28.9	11.2	68.2	7440
JUN		100.0	100.0	99.2	96.4	88.7	75.9	58.6	31.9	8.7	71.6	7199
JUL		100.0	100.0	100.0	99.9	98.3	90.0	73.0	43.7	11.8	77.4	7438
AUG		100.0	100.0	100.0	99.6	97.7	89.5	73.7	48.7	13.9	78.3	7440
SEP		100.0	100.0	99.8	98.7	91.9	81.5	69.6	46.2	15.5	76.2	7231
OCT		100.0	100.0	99.3	95.1	86.9	74.5	62.2	39.7	15.4	73.1	7441
NOV		100.0	100.0	99.0	95.1	84.7	70.7	52.8	30.2	10.8	70.0	7207
DEC		100.0	100.0	99.7	96.4	88.5	72.9	51.1	28.9	10.8	70.6	7441
TOTALS		100.0	99.9	98.7	94.6	86.0	72.4	54.9	32.2	11.2	71.8	87636

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PRESSURE SUMMARY

STATION PRESSURE SUMMARY

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

LEVEL PRESSURE SUMMARY

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

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