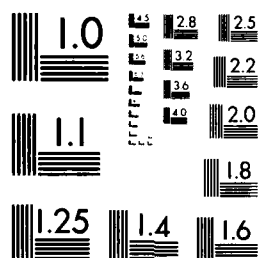


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THULE AB GREENLAND REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 12 MAY 87
UNCLASSIFIED USAFETAC/DS-87/824 F/C 4/2

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

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GL 042020

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OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)

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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

THULE AB GL MSC# 042020
N 76 32 W 068 45 ELEV 251 FT BGTL
PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST
PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 77 - DEC 86
SUMMARY OF DAY DATA: NOV 51 - DEC 86

"Approved for public release;
Distribution Unlimited"

FEDERAL BUILDING
ASHEVILLE, N.C. 28801 - 2723

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Accession for	
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RRRRRRR	UU	UU	SS	SS	WW	WW	00 00
RRRRRRR	UU	UU	SS	SS	WW	WW	00 00
RR RR	UU	UU	SS SS	SS SS	WW W	WW	00 00
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RR RR	UUUUUU		SSSSSS	SSSSSS	WWW	WWW	0000

STATION NAME: THULE AB GREENLAND

STATION NUMBER: 042020

PERIOD OF RECORD:

HOURLY OBSERVATIONS: JAN 77 - DEC 86

SUMMARY OF DAY DATA: NOV 51 - DEC 86

TIME CONVERSION LST TO GMT: -4

CALL ID: BGTL

HOURS SUMMARIZED: 0000-2300 LST

DATE PRODUCED: 12 MAY 1987

GL-4/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: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

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

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-93-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

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

STATION NO ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV (FT)		CALL SIGN		WMO NUMBER	
042020		THULE AB GREENLAND		N 76 32		W 068 45		251		BGTL		04202	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	HT. BARO.					
1	Thule AB Greenland	AB	Jan 52	Mar 55	N 76 33	W 068 48	261	193 ft	24				
2	Same	Same	Apr 55	Mar 58	Same	Same	251	Same	24				
3	Same	Same	Apr 58	Dec 76	N 76 32	W 068 45	Same	Same	24				
4	Same	Same	Jan 77	Dec 79	Same	Same	Same	Same	24				
5	Same	Same	Jan 80	Mar 81	Same	Same	Same	Same	24				
6	Same	Same	Apr 81	Dec 86	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 52	Located on roof of weather station	AN/GMQ-1	Esterline Angus	30 ft	
2	Apr 54	1. Located in the forecasting section 2. Located in the observing section	Same	Same	15 ft	
3	Apr 55	1. Located on roof of weather station 2. Located in the observing section	AN/GMQ-1	RO-2	19 ft	
4	Nov 55	1. Located 2000 ft S-SW of weather station, adjacent to main runway.	AN/GMQ-1	Same	15 ft	

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	
5	Apr 58	1. Located 1750 ft from W end of rnwy 083°-263° and 500 ft N of rnwy	Same	Same	Same	
6	Apr 60	1. Located 1750 ft from W end of rnwy 160°-340° and 500 ft N of rnwy.	AN/GMQ-1	Same	25 ft	
7	Nov 60	2. Located on roof of base wea stn	AN/GMQ-1	Same	13 ft	
8	Dec 61	1. Located 1150 ft from W end of rnwy 160°-340° and 500 ft N of rnwy	AN/GMQ-1	Same	25 ft	
9	Apr 62	2. Located on roof of base wea stn	AN/GMQ-1	Same	13 ft	
10	Apr 67	1. Same location as above.	AN/GMQ-1	Same	25 ft	
11	Apr 68	2. Located on the approach end of rnwy 34 & 500 ft N of centerline.	Same	Same	13 ft	
12	Feb 69	1. Located 1150 ft from W end of rnwy 16.	Same	Same	Same	
13	Jan 70	2. Same	Same	Same	Same	
14	Jan 71	1. Located 1150 ft down rnwy 16 from its approach end, and 500 ft E of rnwy centerline.	Same	Same	Same	
15	Dec 79	2. Located 900 ft down rnwy 34 from its approach end and 500 ft W of centerline.	Same	Same	Same	
		1. Located 1000 ft down rnwy 16 from its approach end, and 500 ft E of rnwy centerline.	Same	Same	Same	
		2. Located 850 ft down rnwy 34 from its approach end, and 500 ft W of centerline.	Same	Same	Same	
		1. Same	AN/GMQ-2	Same	Same	
		2. Same	Same	RO-362	Same	
		1. Located 100 ft down rnwy 16 from its approach end and 500 ft E of rnwy centerline.	Same	Same	Same	
		2. Located 850 ft down rnwy 34 from its approach end & 500 ft E of rnwy centerline.	Same	Same	Same	
		1. Located 1000 ft down rnwy 16 from its approach and 560 ft E of rnwy centerline.	Same	Same	Same	
		2. Located 650 ft down rnwy 34 from its approach end & 500 ft W of rnwy centerline.	Same	Same	Same	
		1. Same	Same	Same	Same	
		2. 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, TORNADOES AND WATERSPOUTS.

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

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

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

HAIL: ALL REPORTED HAIL.

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

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

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

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

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1100 METERS).

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

NOTES:

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JAN

HOURS (LST)	TSTMS	RAIN E/OP DRIZZLE	FRZING RAIN E/OP DRIZZLE	SNOW E/OP SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OP HAZE	BLOWING SNOW	DUST E/OP SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02				19.6		19.6	.4		3.5		4.0	930
03-05				19.0		19.0	.5		2.9		3.4	930
06-08		.2	.1	20.3		20.5	.8		4.5		5.3	930
09-11		.3		17.4		17.7	.8		4.4		5.2	930
12-14		.4		16.5		16.9	.9	.1	4.5		5.5	930
15-17				18.8		18.8	.5		3.8		4.3	930
18-20				17.0		17.0	.8	.1	4.3	.1	5.2	930
21-23				16.9		16.9	.4		4.8		5.3	930
TOTALS		.1	.0	18.2		18.3	.6	.0	4.1	.0	4.8	7440

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: FEB

HOURS (LST)	TSTMS	RAIN E/OP DRIZZLE	FRZING RAIN E/OP DRIZZLE	SNOW E/OP SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OP HAZE	BLOWING SNOW	DUST E/OP SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02				18.6		18.6	.7		2.7		3.4	846
03-05				16.1		16.1	1.4		2.8		4.3	846
06-08				19.7		19.7	.8		2.4		3.2	846
09-11				19.6		19.6	2.2		2.4		4.6	846
12-14				15.6		15.6	2.5	.2	4.0		6.7	846
15-17				17.0		17.0	1.5	.4	4.4		6.3	846
18-20				19.3		19.3	.7		3.4		4.1	846
21-23				19.9		19.9	.2		3.2		3.4	846
TOTALS				18.2		18.2	1.3	.1	3.2		4.5	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: MAR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CHST TO VISION	TOTAL OBS
00-02				20.3		20.3	.2		7.3		7.5	970
03-05				19.4		19.4	.2		7.1		7.3	930
06-08				19.5		19.5	.1		5.8		5.9	970
09-11				18.0		18.0	.4	.1	5.7		6.2	970
12-14	.1			15.2	.1	15.2	.9		4.9		5.4	970
15-17				14.9		14.9	.4		7.8		8.3	970
18-20				13.5		13.5	.3		8.0		8.3	970
21-23				17.7		17.7	.1	.1	7.4		7.6	970
TOTALS	.0			17.3	.0	17.3	.3	.0	6.9		7.1	7440

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: APR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CHST TO VISION	TOTAL OBS
00-02				18.4		18.4	.9		3.7		4.6	900
03-05				16.6		16.6	.9		3.9		4.8	900
06-08				16.8		16.8	1.1	.1	4.1		5.3	970
09-11				19.6		19.6	.4		3.3		3.8	900
12-14				18.9		18.9	.3		2.8		3.1	900
15-17				17.6		17.6	.3		3.7		4.0	900
18-20			.1	16.6		16.7	.1		3.4	.1	3.7	900
21-23				15.4		15.4	.2	.1	3.2		3.6	900
TOTALS			.0	17.5		17.5	.5	.0	3.5	.0	4.1	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: MAY

HOURS (LST)	TSTMS	RAIN L/DR ORIZZLE	FRZING RAIN L/DR ORIZZLE	SNOW L/DR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/CRST TO VISION	TOTAL OBS
00-02		.8		12.4		13.1	2.5		.9		3.3	930
03-05		.9		11.0		11.7	2.5		.9		3.3	930
06-08		.5		12.9		13.4	1.9		.8		2.7	930
09-11		.2		13.9		14.1	1.7		.4		2.4	930
12-14		.1		11.0		11.1	1.6		.8		2.4	930
15-17		.2		12.6		12.8	1.7	.2	.1		2.0	930
18-20		.2		13.8		14.0	1.5		.2	.1	1.8	930
21-23		.3		12.6		12.9	2.3		.6		2.9	930
TOTALS		.4		12.5		12.9	2.0	.0	.6	.0	2.6	7440

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JUN

HOURS (LST)	TSTMS	RAIN L/DR ORIZZLE	FRZING RAIN L/DR ORIZZLE	SNOW L/DR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/CRST TO VISION	TOTAL OBS
00-02		2.4		9.9		11.8	10.3		.3		10.7	900
03-05		3.1		10.1		12.8	11.6		.1		11.7	900
06-08		2.4	.1	11.7		13.4	11.4		.3		11.4	900
09-11		2.3		10.0		11.6	7.1	.2	.2	.1	7.7	900
12-14		3.2		7.6		10.2	5.2	.3			5.6	900
15-17		3.6		8.2	.1	10.9	5.6	.3			5.9	900
18-20		3.0		8.2		10.2	7.6	.3			7.9	900
21-23		1.7		9.0		10.0	9.9				9.9	900
TOTALS		2.7	.0	9.3	.0	11.4	9.6	.1	.1	.0	8.9	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JUL

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	FLOWING SNOW	DUST 6/0R SAND	% OBS W/CHEST TO VISION	TOTAL OBS
00-02		10.7		2.2		12.1	9.0	.1		.2	9.3	924
03-05		13.1		3.4		14.6	9.2	.1			9.3	924
06-08		10.5		2.5		11.6	8.7		.1	.1	9.0	926
09-11		8.8		1.5		9.5	7.0	.1		.3	7.4	930
12-14		9.5		1.2		10.1	5.1	.3		.2	5.6	929
15-17		9.3		1.5		9.8	4.3	.4			4.7	927
18-20		10.3		1.4		11.2	5.4	.4			5.8	926
21-23		12.0		2.4		13.3	7.7	.5			8.2	924
TOTALS		10.5		2.0		11.5	7.1	.2	.0	.1	7.4	7411

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	FLOWING SNOW	DUST 6/0R SAND	% OBS W/CHEST TO VISION	TOTAL OBS
00-02		12.8		5.7		16.8	10.1	.3			10.4	930
03-05		12.5	.1	5.5		17.0	10.8	.1			10.9	930
06-08		11.5		6.2		16.1	10.8	.5			11.3	930
09-11	.1	9.0		5.2		13.4	7.6	.6	.2	.2	8.7	930
12-14		9.5		4.3		13.2	4.2	.2	.2	.1	4.7	930
15-17		6.2		4.2	.1	11.2	5.1	.4		.2	5.7	930
18-20		10.6		4.5	.3	14.4	6.6	.0			7.2	930
21-23		12.9		5.3	.1	16.8	9.1	.4	.1		9.7	930
TOTALS		10.7	.0	5.1	.1	14.9	8.3	.4	.1	.1	8.6	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN G/10R GRIZZLE	FRZING RAIN G/10R DRIZZLE	SNOW G/10R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE G/10R HAZE	BLOWING SNOW	DUST G/10R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		1.0		12.8		13.8	2.2		.8		3.0	900
03-05		1.3		13.9		15.2	2.0		.7		2.7	900
06-08		2.2		14.3		16.4	.9		.9	.3	2.1	900
09-11		1.9	.1	13.1		15.0	.4		.7	.6	1.7	900
12-14		1.9		13.8		15.2	.6	.1	.3	.4	1.4	900
15-17		2.4		13.7		15.6	.4	.1	.9		1.4	900
18-20		1.8		12.8		14.2	1.2		1.3		2.6	900
21-23		.9		12.2		13.0	2.2		1.6		3.8	900
TOTALS		1.7	.0	13.3		14.8	1.2	.0	.9	.2	2.3	7200

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN G/10R GRIZZLE	FRZING RAIN G/10R DRIZZLE	SNOW G/10R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE G/10R HAZE	BLOWING SNOW	DUST G/10R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		.2		19.7		19.7	.3		2.9		3.2	930
03-05		.2		20.3		20.3	.8		2.8		3.5	930
06-08		.2		21.1		21.2	.5		3.0		3.5	930
09-11		.2		20.0		20.1	.5		2.6		3.1	930
12-14				21.6		21.6	.1		2.0		2.2	930
15-17				20.2		20.2	.3		1.9		2.3	930
18-20		.3		18.0		18.3	.5		2.9		3.3	930
21-23		.1	.1	21.4		21.5	.2		3.1		3.3	930
TOTALS		.2	.0	20.3		20.4	.4		2.6		3.1	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		.2		20.4		20.7		.1	4.3		4.4	900
03-05		.1		20.3		20.4	.1		4.3		4.4	900
06-08				20.8		20.8			4.8		4.8	900
09-11				20.3		20.3			4.8		4.8	900
12-14				18.1		18.1			3.0		3.0	900
15-17		.1	.1	21.3		21.4	.2		3.2		3.4	900
18-20		.1		21.7		21.7	.6		3.6		4.1	900
21-23				23.9		23.9	.1		4.1		4.2	900
TOTALS		.1	.0	20.9		20.9	.1	.0	4.0		4.1	7200

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		.5		21.5		21.5	.8	.2	4.7	.1	5.8	930
03-05		.5		19.6		19.6	.1	.2	5.2		5.5	930
06-08		.3		20.2		20.2			4.3		4.3	930
09-11		.3		23.8		23.8	.2		3.4		3.7	930
12-14		.3		24.5		24.7			2.5		2.5	930
15-17		.3		23.9		24.2	.2		2.8		3.0	930
18-20		.3	.1	23.0		23.1	.3		2.8		3.1	929
21-23		.3		24.4		24.4	.6		5.0		5.6	927
TOTALS		.4	.0	22.6		22.7	.3	.1	3.8	.0	4.2	7436

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: ALL

HOURS (LST)	1	1STMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0P DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	ALL		.1	.0	18.2		18.3	.6	.0	4.1	.0	4.8	7440
FEB					18.2		16.2	1.3	.1	3.2		4.5	6768
MAR		.0			17.3	.0	17.3	.3	.0	6.8		7.1	7440
APR				.0	17.5		17.5	.5	.0	3.5	.0	4.1	7200
MAY			.4		12.5		12.9	2.0	.0	.6	.0	2.6	7440
JUN			2.7	.0	9.3	.0	11.4	8.6	.1	.1	.0	8.9	7200
JUL			10.5		2.0		11.5	7.1	.2	.0	.1	7.4	7410
AUG		.0	10.9	.0	5.1	.1	14.9	8.0	.4	.1	.1	8.6	7440
SEP			1.7	.0	13.3		14.8	1.2	.0	.9	.2	2.3	7200
OCT			.2	.0	20.3		20.4	.4		2.6		3.1	7440
NOV			.1	.0	20.9		20.9	.1	.0	4.0		4.1	7200
DEC			.4	.0	22.6		22.7	.3	.1	3.8	.0	4.2	7436
TOTALS		.0	2.3	.0	14.8	.0	16.7	2.5	.1	2.5	.0	5.1	87614

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86
MONTH: ALL

MONTH	TSTMS	RAIN &/OR GRIZZLE	FRZING RAIN &/OR GRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN		.3		49.3		49.4	10.0	.2	24.1		32.1	1085
FEB				51.2		51.2	12.9	.6	24.4		34.1	986
MAR		.1		48.2		48.2	12.0	.6	19.4		29.3	1084
APR		.1	.1	43.0		43.0	10.7	.3	13.4		22.3	1050
MAY		2.1	.2	53.3		54.0	20.7	.6	6.5		26.7	1085
JUN		14.3	.1	37.1		44.1	40.9	.5	1.7		42.5	1049
JUL		37.1		11.9	.1	40.9	41.6	.7	.3		42.3	1084
AUG		38.1	.4	17.3	.1	45.5	32.1	1.5	.8		33.4	1085
SEP		10.1	.8	46.7		51.3	11.2		5.8	.1	16.6	1049
OCT		1.1	.3	60.4		60.4	6.2	.1	16.1		21.3	1084
NOV		.4	.1	57.8		57.9	5.3	.1	19.2		23.4	1078
DEC		.3	.1	55.6		55.6	7.4	.4	19.7		26.5	1115
TOTALS		8.7	.2	44.3	.0	50.1	17.6	.5	12.0	.0	29.2	12836

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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 (HUNDRETHS)

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: 042020

STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

AMOUNTS IN INCHES																		
MONTH	NONE	TRACE	.01	.02	.06	.11	.26	.51	1.01	2.51	5.01	10.01	OVER	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
				.05	.10	.25	.50	1.00	2.50	5.00	10.00	20.00	20.00			MEAN	GREATEST	LEAST
JAN	48.8	32.5	5.3	8.3	3.5	1.2	.3		.1					18.7	1085	.32	2.61	TRACE
FEB	48.6	33.0	4.8	9.2	1.9	1.4	.8	.2						18.3	987	.34	1.98	TRACE
MAR	51.4	33.2	5.2	6.9	1.9	1.2	.2							15.4	1084	.20	.71	TRACE
APR	56.1	28.0	5.5	7.0	1.8	1.0	.6							15.8	1049	.22	.79	TRACE
MAY	46.1	34.7	4.9	9.1	2.3	2.6	.3		.1					19.3	1095	.34	1.34	TRACE
JUN	56.2	32.5	3.1	4.7	1.8	1.4	.2							11.2	1049	.19	.62	TRACE
JUL	59.1	20.4	3.2	7.8	4.1	3.8	1.5	.1	.1					20.6	1085	.63	3.07	.05
AUG	54.5	22.2	4.4	9.9	4.0	3.6	1.0	.5						23.3	1065	.62	1.86	TRACE
SEP	48.1	28.1	4.9	8.9	4.8	4.0	1.0	.2						23.7	1049	.54	1.98	.02
OCT	40.5	30.0	6.9	13.0	4.3	4.1	.9	.2						29.5	1085	.60	1.41	.06
NOV	41.8	34.8	6.4	10.5	2.5	3.0	1.0	.1						23.4	1079	.44	1.45	.02
DEC	44.5	33.9	6.2	10.9	3.0	1.2	.4	.1						21.6	1115	.32	2.43	TRACE
ANN	49.6	30.3	5.1	8.8	3.0	2.4	.7	.1	.0					20.1	12837	4.76		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 042020 STATION NAME: THULE AN GL

PERIOD OF RECORD: 51-86

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51													
52	.10	.44	.13	.01	.01	.08	.45	.10	.39	.04	.11	.05	.45
53	.07	.11	.06	.03	.08	.02	.20	.38	.07	.13	.28	.08	.38
54	.07	.04	.12	.08	.07	.30	.10	.02	.15	.30	.08	.06	.30
55	.13	.17	TRACE	.06	.29	.22	.05	.98	.04	.32	.28	.03	.98
56	.03	.03	.04	.08	.05	.02	.29	.80	.14	.25	.05	.02	.80
57	.01	.03	.04	TRACE	.03	TRACE	1.95	.17	.77	.58	.24	.09	1.95
58	.26	.49	.04	.07	.03	.05	.03	.05	.38	.44	.41	.12	.44
59	.06	.04	.08	.28	.04	.11	.40	.09	.17	.25	.06	.09	.40
60	.10	.18	.33	.07	.08	.08	.26	.04	.33	.16	.18	.04	.33
61	.07	TRACE	.07	.05	.13	.12	.27	.21	.14	.08	.07	.06	.27
62	.05	TRACE	.37	.34	.21	TRACE	.17	.27	.15	.10	.08	.06	.27
63	.49	.28	.06	.04	.12	.03	.40	.48	.20	.11	.27	.06	.49
64	1.72	.32	.06	*.14	.20	*.02	.28	.32	.32	.24	.04	.16	1.72
65	.12	.93	.16	.10	.12	.23	.22	.09	.18	.36	.24	.08	.93
66	.18	.06	.02	.08	1.10	.16	.08	.24	.12	.26	.02	.08	1.10
67	.10	.04	.20	.05	.30	.20	.28	.04	.05	.18	.17	.41	.41
68	.03	.24	.01	.08	.27	.02	.14	.03	.63	.10	.09	.14	.63
69	.08	.12	.13	.12	.06	.16	.20	.60	.22	.13	.61	.04	.61
70	TRACE	.30	.04	.33	.18	.06	.19	.12	.12	.16	.36	.65	.65
71	.09	.04	.10	.16	.08	.05	.22	.70	.14	.03	.16	.04	.70
72	.14	*.04	.12	.08	.11	TRACE	.12	.30	.10	.29	.03	*TRACE	.30
73	.10	.02	.07	.28	.27	.04	.35	.56	.47	.10	.31	.15	.56
74	.06	.14	*.08	.14	.15	.04	.12	.06	.06	.10	*.06	.04	.15
75	.08	TRACE	.03	.17	.05	.21	.07	.15	.21	.54	.02	.07	.54
76	.04	.04	.01	.03	.45	.01	.05	.05	.08	.07	.03	.15	.45
77	.20	.12	.20	.03	.22	.05	.05	.06	*.18	.30	.16	.10	.30
78	.09	.04	.01	.06	.02	.02	.20	.12	.02	.18	.03	.05	.20
79	.08	.06	.20	.05	.02	TRACE	.09	.20	.05	.10	.05	.04	.20
80	.09	.04	.04	.20	.21	.10	.10	.10	.07	.10	.20	.02	.21

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: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 51-86

24 HOUR AMOUNTS IN INCHES													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
R1	.07	.02	.01	TRACE	.11	.10	.09	.12	.30	.22	.50	.20	.50
R2	.13	.01	.16	.27	.02	.08	.40	.24	.14	.19	.16	.03	.40
R3	.02	.08	.04	.12	.25	.11	.30	TRACE	.19	.25	.12	.13	.40
R4	.05	.01	TRACE	TRACE	TRACE	.20	.62	.07	.10	.21	.28	.17	.62
R5	.15	TRACE	.02	.10	.06	.40	.04	.50	.08	.35	.13	.03	.50
R6	.06	.55	.10	.08	.11	.01	.17	.26	.45	.02	.03	.03	.55
MLAN	.146	.149	.090	.105	.154	.096	.257	.243	.206	.204	.174	.103	.557
S.D.	.287	.202	.089	.096	.193	.096	.324	.242	.173	.137	.144	.119	.340
TOTAL OBS	1085	987	1084	1049	1085	1047	1085	1085	1049	1085	1079	1115	12637

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

YEAR	TOTAL MONTHLY PRECIPITATION IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51											.24	.13	
52	.23	.54	.17	.05	.01	.11	.52	.31	.65	.07	.47	.29	3.61
53	.31	.29	.13	.04	.10	.02	.42	.86	.32	.70	.99	.17	4.75
54	.36	.16	.47	.15	.29	.42	.30	.02	.42	.74	.24	.17	3.74
55	.13	.29	TRACE	.16	.62	.31	.15	1.63	.05	1.16	.64	.09	5.43
56	.08	.08	.07	.12	.13	.02	.73	1.42	.18	.65	.17	.08	3.73
57	.01	.12	.08	TRACE	.05	TRACE	3.07	.29	1.98	1.41	.62	.26	7.89
58	.78	1.38	.10	.08	.11	.07	.05	.06	.62	1.22	.75	.59	6.83
59	.15	.11	.15	.29	.06	.13	.70	.16	.52	.68	.21	.26	3.41
60	.23	.24	.57	.09	.26	.15	.67	.11	.67	.37	.92	.14	4.42
61	.16	TRACE	.10	.18	.39	.60	.61	.64	.57	.22	.16	.22	3.85
62	.17	TRACE	.41	.56	.52	TRACE	.20	1.04	.54	.48	.33	.21	4.46
63	1.07	.75	.11	.15	.32	.10	1.19	1.37	.65	.40	.48	.26	6.85
64	2.61	.98	.24	.29	.45	.08	1.25	.59	.67	.75	.22	.48	8.61
65	.44	1.98	.56	.29	.58	.61	.99	.19	.69	.99	.45	.18	7.98
66	.50	.24	.10	.17	1.34	.31	.08	1.86	.30	.65	.02	.17	5.94
67	.14	.12	.24	.10	.79	.21	1.15	.13	.19	.72	.97	1.32	6.08
68	.07	.43	.03	.28	.39	.05	.32	.03	.91	.39	.38	.56	3.94
69	.27	.42	.41	.21	.39	.56	.87	.74	.42	.37	1.45	.19	6.10
70	TRACE	.40	.10	.79	.33	.09	.72	.21	.22	.34	.71	2.43	6.34
71	.19	.16	.14	.23	.14	.05	.23	1.26	.42	.11	.25	.09	3.27
72	.39	.07	.29	.09	.35	TRACE	.33	.99	.27	.68	.09	TRACE	3.55
73	.22	.03	.21	.39	.41	.06	.95	.84	1.74	.24	.38	.32	5.79
74	.12	.38	.12	.36	.95	.08	.34	.20	.11	.42	.09	.22	3.34
75	.10	TRACE	.06	.21	.10	.42	.32	.58	.73	1.32	.04	.19	4.07
76	.15	.07	.02	.09	.81	.01	.32	.13	.37	.19	.27	.34	2.70
77	.44	.26	.07	.09	.44	.11	.09	.10	.61	.76	.60	.32	4.42
78	.34	.17	.02	.28	.02	.03	.53	.58	.07	.64	.04	.17	2.84
79	.29	.18	.71	.19	.02	TRACE	.39	.50	.14	.22	.21	.11	2.96
80	.34	.07	.12	.42	.43	.12	.54	.48	.16	.13	.56	.03	3.40

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: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 51-86

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	
81	.14	.03	.01	TRACE	.13	.25	.14	.66	1.11	.74	.84	.31	4.36
82	.34	.02	.22	.52	.03	.13	1.04	.71	.42	.54	.29	.13	4.39
83	.04	.25	.16	.44	.47	.29	.92	TRACE	.40	.69	.18	.38	4.42
84	.06	.01	TRACE	TRACE	TRACE	.39	1.20	.31	.35	.37	.80	.11	3.60
85	.15	TRACE	.03	.26	.14	.62	.16	1.51	.23	1.20	.44	.23	4.79
86	.13	1.34	.25	.08	.17	.02	.41	1.20	1.17	.06	.05	.13	5.06
MEAN	.319	.339	.202	.217	.341	.186	.626	.621	.541	.601	.441	.316	4.700
S.D.	.452	.457	.192	.178	.309	.196	.557	.521	.439	.369	.333	.437	1.413
TOTAL OBS	1085	987	1064	1049	1085	1049	1085	1085	1049	1085	1079	1115	12837

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: 042020

STATION NAME: THULE AR GL

PERIOD OF RECORD: 51-86

AMOUNTS IN INCHES																		
MONTH	NONE	TRACE	0.1	0.5	1.5	2.5	3.5	4.5	6.5	10.5	15.5	25.5	OVER	2 DAYS	TOTAL	MONTHLY AMOUNTS		
			TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	WITH	OBS	MEAN	GREATEST	LEAST
			0.4	1.4	2.4	3.4	4.4	6.4	10.4	15.4	25.4	50.4	50.4	PEAKS				
														AMTS				
JAN	48.4	32.1	13.2	5.3	.5	.4		.2		.1				19.5	1045	2.4	25.8	TRACE
FEB	48.0	33.0	13.7	3.6	.5	.4	.2	.5						18.9	997	3.3	16.9	TRACE
MAR	50.7	33.8	11.3	3.4	.6	.1	.1							15.5	1044	2.1	7.1	TRACE
APR	56.0	28.1	11.2	3.8	.3	.6	.1							15.9	1049	2.3	8.2	TRACE
MAY	46.2	34.6	12.4	5.3	.9	.4		.2	.1					19.3	1085	3.5	14.9	TRACE
JUN	62.7	30.0	5.2	1.6	.4									7.2	1049	.9	5.1	TRACE
JUL	87.6	9.1	1.8	1.2	.7									3.2	1085	.5	6.3	.0
AUG	82.4	13.5	2.3	1.6	.3									4.1	1065	.7	4.6	.0
SEP	52.1	28.5	10.6	7.0	1.0	.2	.1	.4	.1					19.4	1049	4.0	13.5	.2
OCT	39.9	29.9	18.2	7.6	2.7	.9	.5	.2	.1					10.2	1085	6.4	14.7	.7
NOV	41.4	34.2	15.5	6.2	1.4	.8	.3	.1		.1				24.4	1079	4.9	26.2	.3
DEC	44.5	34.2	14.8	5.2	.7	.4	.1		.1					21.3	1115	3.3	24.4	TRACE
ANN	55.0	28.4	10.8	4.3	.8	.3	.1	.1	.0	.0				16.6	12837	3.3		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 042027 STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

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						
51											1.3	.5	
52	1.1	3.3	1.0	1.0	.3	TRACE	TRACE	.3	1.2	.4	2.5	2.0	5.3
53	1.2	1.1	.6	.3	.8	.2	TRACE	TRACE	.7	1.3	2.9	.8	2.9
54	.7	.4	1.2	.8	.7	.3	TRACE	.6	1.5	1.0	.8	.6	3.0
55	1.3	1.7	TRACE	.6	2.9	TRACE	TRACE	TRACE	.3	3.2	3.0	.7	3.2
56	.3	.3	.4	.8	.5	TRACE	TRACE	.3	1.7	4.0	.5	.2	4.0
57	.1	.3	.6	TRACE	.5	TRACE	.0	.0	1.0	1.8	2.8	.9	5.8
58	2.6	5.0	.4	.3	.3	.5	.0	TRACE	1.1	6.7	4.4	1.2	7.1
59	.6	.4	.8	2.8	.4	1.1	.0	.0	1.7	2.5	.6	.9	2.8
60	1.0	1.6	3.0	.3	.8	.2	.0	TRACE	1.0	1.6	1.8	.4	3.1
61	.7	TRACE	.7	.5	3.0	.5	.1	.1	1.4	.8	.7	.6	3.1
62	.5	TRACE	3.7	3.4	2.1	TRACE	TRACE	1.0	1.5	1.0	.8	.6	3.7
63	4.9	2.8	.6	.4	1.2	.3	TRACE	TRACE	2.0	1.1	2.7	.6	4.9
64	15.0	3.7	.4	*1.4	.7	*.1	.9	2.3	4.6	2.6	.7	.9	15.0
65	1.2	6.1	1.9	1.6	.9	2.3	1.8	.7	2.0	3.5	2.4	.8	6.1
66	1.4	.6	.2	1.2	1.2	.9	.8	.0	1.2	2.0	.2	.5	2.0
67	.5	.5	.5	.5	3.0	2.0	1.0	.2	.8	2.0	2.0	4.1	4.1
68	.2	2.8	.1	.8	2.1	.2	.1	TRACE	6.3	1.1	.9	1.4	6.3
69	.8	1.2	1.3	1.2	.6	1.6	.2	TRACE	3.5	1.5	14.5	.8	14.5
70	TRACE	3.0	.4	3.5	9.3	.6	TRACE	.7	2.4	1.5	3.6	.5	9.3
71	.9	.4	1.5	2.6	1.3	TRACE	1.5	1.3	1.4	1.0	1.5	.8	2.6
72	2.8	*1.3	1.3	1.0	1.9	TRACE	TRACE	1.0	1.4	3.6	.3	*TRACE	3.6
73	3.1	.4	.7	2.8	2.2	TRACE	1.4	TRACE	4.7	1.0	3.1	1.5	4.7
74	.6	1.4	*.6	1.4	1.5	.4	.2	TRACE	.6	1.0	*.5	.4	1.5
75	.8	TRACE	.3	1.7	.5	TRACE	.0	1.5	2.1	1.4	.2	.7	2.1
76	.4	.4	.1	.3	4.5	.1	.1	.3	.5	.7	.3	2.5	4.5
77	3.0	1.2	2.0	.3	2.2	.5	TRACE	TRACE	*1.9	1.0	1.6	1.0	3.0
78	.9	.4	.1	.6	.2	.2	.0	TRACE	.2	1.9	.3	.5	1.9
79	.8	.1	2.0	.5	.2	TRACE	.7	1.2	.5	1.0	.5	.4	2.0
80	.9	.4	.4	2.2	2.1	1.0	TRACE	.2	.7	1.0	2.0	.2	2.2

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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
81	.7	.2	.1	TRACE	1.1	.5	.0	.1	2.8	2.2	5.0	2.0	5.0
82	1.3	.1	1.6	2.7	.2	TRACE	.5	2.0	1.4	1.9	1.6	.3	2.7
83	.2	.8	.4	1.2	2.5	1.1	TRACE	TRACE	1.3	1.4	2.0	1.3	2.5
84	.5	.1	TRACE	TRACE	TRACE	.9	.0	TRACE	.3	2.1	2.8	1.2	2.8
85	1.5	TRACE	.2	1.0	TRACE	.5	TRACE	.5	.8	3.5	1.3	.3	3.5
86	.6	5.5	1.0	.8	1.1	.1	TRACE	1.0	4.5	.2	.3	.7	5.5
MEAN	1.52	1.38	.87	1.15	1.51	.47	.27	.42	1.99	2.21	2.05	1.06	4.13
S.D.	2.557	1.671	.861	.997	1.716	.590	.493	.621	1.697	1.529	2.498	1.218	2.545
TOTAL OBS	1085	987	1084	1049	1085	1049	1085	1085	1049	1085	1079	1115	12637

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

TOTAL MONTHLY SNOWFALL IN INCHES													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51											2.5	1.6	
52	3.0	4.5	1.4	2.3	.5	TRACE	TRACE	.3	4.1	.7	5.8	5.3	27.9
53	4.2	2.9	1.3	.4	1.0	.2	TRACE	TRACE	3.2	7.0	10.0	1.7	31.9
54	3.6	1.6	4.7	1.5	2.9	.3	TRACE	.0	2.3	7.4	2.4	1.7	28.4
55	1.3	2.9	TRACE	1.6	8.2	TRACE	TRACE	TRACE	.4	11.4	6.6	.9	73.3
56	.8	.6	.7	1.2	1.3	TRACE	TRACE	.3	1.7	9.6	1.8	.8	19.0
57	.1	1.8	1.8	TRACE	.9	TRACE	.0	.0	4.1	14.5	5.9	2.1	32.2
58	8.5	14.6	1.0	.8	1.1	.7	.0	TRACE	10.5	14.7	7.8	5.9	65.8
59	1.6	1.0	1.5	2.9	.6	1.3	.0	.0	5.2	6.8	2.1	2.6	25.6
60	2.3	2.4	5.7	.9	2.7	.6	.0	TRACE	3.1	3.7	9.2	1.4	32.0
61	1.6	TRACE	1.0	1.8	6.5	1.3	.1	.1	4.5	2.2	1.6	2.2	22.9
62	1.7	TRACE	4.1	5.6	5.2	TRACE	TRACE	3.3	4.7	4.8	3.3	2.1	34.8
63	10.7	7.5	1.1	1.5	2.8	1.0	TRACE	TRACE	6.2	4.0	4.7	2.6	42.1
64	25.8	9.6	2.5	*3.5	2.7	*.3	2.8	4.6	7.5	7.9	2.6	4.4	*74.2
65	4.6	16.9	5.7	3.1	4.1	5.1	6.3	.8	5.7	10.7	5.5	2.1	70.6
66	4.6	2.1	1.2	1.9	3.6	3.6	.8	.0	1.6	10.9	.3	1.6	72.2
67	.9	1.0	.9	1.1	8.7	2.1	1.2	.3	2.3	7.3	9.9	12.5	46.2
68	.6	4.3	.2	2.8	4.0	.2	.1	TRACE	9.1	4.2	3.9	5.7	35.0
69	2.7	4.2	4.1	2.1	3.9	4.3	.2	TRACE	4.3	4.6	26.2	2.0	58.6
70	TRACE	4.0	.9	8.2	14.9	.9	TRACE	1.7	7.3	5.0	7.1	24.4	70.4
71	2.0	2.0	2.0	4.2	2.4	TRACE	1.5	2.0	2.7	1.7	2.4	.9	23.8
72	6.2	*2.1	3.9	1.2	5.1	TRACE	TRACE	1.0	3.4	7.8	1.1	*TRACE	*31.8
73	4.5	.4	2.1	3.9	4.1	TRACE	2.1	TRACE	9.7	2.4	3.9	2.3	36.4
74	1.2	3.8	*1.2	3.6	9.5	.7	.2	TRACE	1.1	4.2	*4.9	2.2	*28.6
75	1.0	TRACE	.6	2.1	.9	TRACE	.0	2.0	7.3	13.2	.4	1.9	29.4
76	1.5	.7	.2	.9	8.1	.1	.1	.6	2.2	1.9	2.0	4.4	22.7
77	5.4	2.6	6.0	.9	4.4	1.0	TRACE	TRACE	*6.1	7.6	6.0	3.2	*43.2
78	3.4	1.7	.2	2.8	.2	.2	.0	TRACE	.2	7.0	.4	1.1	17.2
79	2.9	1.8	7.1	1.9	.2	TRACE	1.3	2.8	1.4	2.2	2.1	1.1	24.8
80	3.4	.7	1.2	4.4	4.3	1.2	TRACE	.2	1.6	1.3	5.6	.3	24.2

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 042020 STATION NAME: THOLF AB GL

PERIOD OF RECORD: 51-86

TOTAL MONTHLY SNOWFALL IN INCHES													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
61	1.4	.3	.1	TRACE	1.3	.5	.0	.2	7.9	7.4	8.4	3.1	26.5
82	3.4	.2	2.2	5.2	.3	TRACE	.5	2.2	4.2	5.4	2.9	1.3	27.8
83	.4	2.5	1.6	4.4	4.7	2.0	TRACE	TRACE	4.0	8.9	3.0	3.9	35.2
84	.6	.1	TRACE	TRACE	TRACE	1.9	.0	TRACE	.4	3.7	8.0	2.0	16.7
85	1.5	TRACE	.3	2.8	TRACE	1.2	TRACE	.9	2.3	10.2	4.4	.3	23.9
86	1.3	13.9	2.5	.8	1.7	.2	TRACE	1.5	7.8	.7	.6	1.3	32.3
MEAN	3.39	3.32	2.05	2.32	3.51	.90	.49	.71	4.00	6.37	4.87	3.28	33.93
S.D.	4.544	4.325	1.948	1.815	3.301	1.266	1.211	1.131	2.678	3.864	4.667	4.300	14.462
TOTAL OBS	1085	987	1034	1049	1085	1049	1065	1085	1049	1085	1079	1115	12837

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: 042020

STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

MONTH	AMOUNTS IN INCHES													OVER	% 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	120				MEAN	GREATEST	LEAST
JAN		2.0	4.1	4.1	6.1	21.7	34.2	25.4	2.5						98.0	1085			
FEB		2.8	2.9	2.8	.4	24.8	31.4	27.8	7.0						97.2	989			
MAR		1.8	3.0	5.5	2.5	20.7	33.7	24.4	6.8	1.8					98.2	1084			
APR			3.4	8.8	4.3	22.8	34.6	18.7	7.5						100.0	1050			
MAY	11.4	3.4	16.2	8.3	7.1	13.7	28.1	8.4	3.3						85.2	1085			
JUN	76.7	9.1	6.7	2.7	1.7	1.9	1.1	.1							14.2	1050			
JUL	99.7		.2	.1											.3	1085			
AUG	97.6	1.5	.7	.2											.9	1085			
SEP	52.5	13.3	14.3	7.6	5.5	5.8	.9								34.1	1049			
OCT	6.7	6.7	14.9	12.8	11.5	30.7	15.0	1.6							86.5	1085			
NOV	.6	.5	8.7	7.6	10.8	40.3	22.2	9.4							99.0	1079			
DEC	.8	1.4	3.0	10.9	7.1	28.8	30.5	17.5							97.8	1115			
ANN	28.8	3.5	6.5	5.9	4.7	17.6	19.3	11.1	2.3	.1					67.6	12841			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51											3	2	
52	3	8	8	2	2	0	0	0	2	1	6	4	8
53	7	7	5	3	1	1	0	0	1	4	12	11	12
54	13	13	14	14	4	0	0	0	2	7	10	12	14
55	13	14	12	9	11	1	0	0	TRACE	4	6	6	14
56	5	5	6	6	4	TRACE	0	TRACE	1	6	6	5	6
57	6	6	6	6	2	0	0	0	1	9	9	11	11
58	16	20	18	12	12	3	0	0	7	10	10	11	20
59	12	11	10	9	5	TRACE	0	0	4	10	13	16	16
60	18	20	24	26	16	4	0	0	3	7	20	21	26
61	23	7	7	9	12	7	0	0	3	5	7	9	23
62	11	11	15	18	15	0	0	1	4	9	12	13	18
63	24	32	32	27	18	4	0	0	3	5	7	7	32
64	14	15	8	9	10	4	0	2	7	10	11	11	15
65	20	35	39	31	15	0	0	1	5	12	9	10	39
66	11	11	11	11	11	2	0	0	1	6	4	5	11
67	6	7	7	6	8	3	0	0	1	4	14	22	22
68	20	22	22	14	12	8	0	0	7	9	6	10	22
69	13	18	22	20	12	1	0	0	4	4	22	7	22
70	6	10	3	8	12	3	0	1	3	3	6	23	23
71	26	12	12	13	12	3	0	TRACE	2	3	3	8	26
72	14	27	29	31	28	10	0	1	1	10	7	*5	31
73	9	8	9	11	13	1	2	0	7	8	12	15	15
74	16	20	*21	25	30	13	0	0	1	5	*6	8	30
75	10	10	10	11	13	0	0	1	4	15	15	17	17
76	19	20	20	21	29	1	0	0	1	2	5	11	29
77	16	18	24	24	24	2	0	0	*5	12	16	21	24
78	27	26	22	10	7	0	0	0	0	7	5	3	28
79	4	5	8	6	3	0	0	0	TRACE	2	4	4	8
80	2	1	3	7	10	1	0	0	1	1	6	1	10

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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

YEAR	DAILY SNOW DEPTH IN INCHES -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
81	2	2	2	2	2	0	0	TRACE	3	6	6	6	6
82	3	TRACE	1	6	5	TRACE	0	0	3	7	5	4	7
83	4	6	6	6	5	0	0	0	3	4	4	7	7
84	8	8	8	8	6	0	0	0	0	3	5	8	8
85	7	5	5	5	1	0	0	0	2	9	5	2	9
86	3	16	20	11	4	TRACE	0	2	6	1	1	3	20
MEAN	11.7	13.1	13.2	12.5	10.7	2.1	.1	.3	2.7	6.3	8.3	5.5	17.0
S.D.	7.204	8.678	9.305	8.222	7.809	3.124	.338	.561	2.165	3.494	4.850	5.972	8.470
TOTAL OBS	1085	989	1084	1050	1085	1050	1085	1085	1049	1085	1079	1115	12841

NOTE * (BASED ON LESS THAN FULL MONTHS)

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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 IS GIVEN FOR EACH DIRECTION.

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

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITY IS 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 .01%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 54-96

YEAR	DAILY PEAK GUSTS IN KNOTS												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
54													
55	SSE 52	SSE 68	SSE 52	S 41	ESE 51	SE 50	SSE 52	SE 74	E *76		ESE *75	SE 44	
56	SE 73	SF 55	SSE 49	ESE 50	SE 35	SSE *31				SE *57	ESE 46	ESE 51	
57	ESE 67	ESE 62	E 89	SSE 36	SE 43	E 53	E 62	E 45	NNE 63	SE 49	SE 50	S 21	E 89
58	SSE 58	ESE 70	SSE 38	SE 65	SF 68	E 42	E 59	E 17	NNW 32	NE 45	ESE 48	SSE 46	ESE 70
59	SSE 58	SSE 63	SE 34	ESE 58	SE 30	SE 32	SF 25	SE 31	ENE 68	NE 50	ESE 50	SE 36	ENE 68
60	ESE 81	ESE 66	ESE 90	SE 54	NNW *27	SE 28	ESE 47	E *33	SF 34	E 43	SE 43	ESE 28	ESE 90
61	SSE 63	SE 50	ESE 58	S 19	SE 34	SSE 41	SF 47	ESE *48	E *30	ENE *51	SSE *47	SE *55	SSE 63
62	SE 39	SF 65	ESE 35	SSW 30	ESE 52	SSE 39	E 58	ESE 58	ENE 70	SE 47	ESE 60	ESE 70	ENE 70
63	SL 70	SSE 64	SE 68	SE 45	SE 34	SE 34	ESE 43	E 50	SE 44	E 38	S 65	N 48	SE 70
64	E 67	SSW 60	SE 60	SSE 65	SSE 26	SE 51	ESE 64	ESE *45	E *53	SE 39	SSE *39	SSE 50	E 67
65	SL 80	W 77	SSW 50	SSW 35	S 50	SE 37	ENE 46	E 64	ESE 55	SE 40	ENE 58	ESE 46	SF 80
66	E 63	SE 51	SE 34	ESE 55	SSW 48	SE 50	E 40	E 53	SF 65	SE 36	S 49	SF 57	SE 65
67	SE 52	ESE 74	SSE 102	ESE 84	SSW 60	SE 27	E 58	ESE 49	SW 49	SF 40	ESE 55	SE 70	SSE 102
68	SL 40	ESE 50	SE 49	ESE 55	ESE 48	ESE 46	14/ 41	12/ 47	10/ 65	11/ 57	8/ 53	10/ 47	10/ 66
69	22/ 52	12/ 50	14/ 44	14/ 32	13/ 44	2/ 31	14/ 31	10/ 36	12/ 43	16/ 24	15/ 54	14/ 39	15/ 54
70	15/ 58	20/ 63	14/ 56	14/ 64	13/ 37	11/ 50	11/ 44	12/ 58	16/ 46	14/ 60	15/ 80	13/ 70	15/ 80
71	2/ 36	19/ 39	14/ 36	16/ 40	12/ 64	13/ 63	13/ 57	15/ 64	11/ 52	7/ 52	11/ 32	12/ 83	12/ 83
72	10/ 70	14/ 81	12/ 96	23/ 57	13/ 34	13/ 50	15/ 26	13/ 39	11/ 48	7/ 44	13/ 49	4/ 37	12/ 96
73	13/ 57	17/ 32	11/ 76	15/ 31	14/ 54	12/ 49	17/ 62	14/ 67	14/ 40	4/ 54	4/ 21	13/ 40	11/ 76
74	16/ 30	13/ 25	13/ 38	12/ 35	14/ 41	10/ 58	14/ 41	14/ 52	12/ 44	11/ 41	11/ 42	13/ 30	16/ 58
75	10/ 43	7/ 44	1/ 44	13/ 55	14/ 29	10/ 51	7/ 50	7/ 67	13/ 46	8/ 45	13/ 41	12/ 44	7/ 67
76	14/ 74	13/ 54	12/ 60	14/ 38	16/ 62	14/ 40	12/ 49	13/ 38	12/ 76	13/ 43	16/ 36	8/ 54	12/ 76
77	13/ 66	13/ 47	13/ 64	12/ 54	6/ 38	13/ 50	7/ 27	13/ 27	13/ 66	11/ 58	9/ 48	7/ 71	7/ 71
78	9/ 50	11/ 40	10/ 32	9/ 45	7/ 45	14/ 38	11/ 60	13/ 42	16/ 35	12/ 46	13/ 63	13/ 65	13/ 65
79	12/ 66	13/ 50	13/ 71	12/ 65	15/ 36	13/ 37	10/ 53	8/ 53	17/ 25	14/ 40	15/ 54	15/ 47	13/ 71
80	15/ 62	14/ 62	9/ 60	11/ 38	7/ 44	3/ 45	11/ 70	13/ 56	13/ 43	13/ 42	13/ 46	13/ 49	11/ 70
81	11/ 50	13/ 56	12/ 35	12/ 49	11/ 55	11/ 40	14/ 43	8/ 45	9/ 66	13/ 47	15/ 55	15/ 50	9/ 66
82	10/ 41	14/ 28	14/ 50	12/ 42	7/ 76	7/ 38	10/ 57	16/ 48	12/ 40	14/ 23	9/ 55	15/ 21	7/ 76
83	15/ 26	15/ 45	16/ 51	7/ 60	6/ 46	14/ 34	12/ 64	15/ 26	4/ 27	10/ 77	11/ 70	9/ 37	10/ 77

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

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 042020 STATION NAME: THULE AH GL

PERIOD OF RECORD: 54-86

DAILY PEAK GUSTS IN KNOTS													
YEAR	-M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
84	12/ 42	13/ 35	10/ 48	12/ 24	10/ 33	12/ 42	10/ 48	4/ 40	3/ 42	9/ 62	16/ 36	11/ 59	9/ 62
85	11/ 72	13/ 38	15/ 48	16/ 44	18/ 33	16/ 35	15/ 41	16/ 45	11/ 49	14/ 70	29/ 82	5/ 44	29/ 82
86	6/ 55	11/ 52	11/ 48	12/ 52	5/ 48	12/ 40	17/ 64	6/ 62	15/ 47	16/ 27	16/ 50	14/ 64	17/ 64
MEAN	56.7	53.8	55.2	47.4	45.1	42.6	49.3	48.3	49.2	45.8	51.5	45.1	73.9
S.D.	14.221	14.228	18.827	14.055	12.238	8.728	11.957	13.698	14.441	12.493	12.839	14.513	11.346
TOTAL OBS	991	903	989	956	984	952	959	940	865	927	933	1001	11420

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
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	56	
N		.1									.1	4.0
NNF	.2	.5	.8	.1	.1						1.7	7.1
NF	.5	3.2	2.6	.4	.2						7.0	6.9
ENE	1.2	6.4	4.6	.5	.2						14.9	6.2
E	4.9	15.9	11.5	1.9	.3	.8	.3				35.7	6.9
ESE	1.4	5.9	5.2	1.0	.5	.3	.3	.1			14.7	9.0
SE	.3	1.3	1.1	.4	.4	1.0	.2	.2		.1	5.1	14.7
SSE	.4	.2	.3	1.0	.3	.4	.2	.1			3.0	15.0
S	.4	.3	.1	.2	.1						1.2	6.9
SSW		.1		.1		.1					.3	14.0
SW	.4	.1									.5	2.6
WSW	.1		.1								.2	6.5
W	.2	.4	.1								.8	5.0
WNW		.1		.1							.2	9.5
NW	.2										.2	2.0
NNW	.1	.1									.2	4.0
VARIABLE	3.7	1.5	.1								5.3	3.0
CALM	////////////////////										8.8	////
TOTALS	14.2	32.3	26.5	5.8	2.3	2.6	1.1	.4		.1	100.0	6.8

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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
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		.4									.5	6.4
NNF	.3	.8	.3	.3								1.7	6.6
NE	.5	2.5	2.9	.4	.1							6.5	7.2
ENE	2.7	6.3	5.1	.3		.2						14.6	6.1
E	5.6	16.2	13.9	1.6	.5	.5	.2					38.6	6.7
ESE	1.3	6.1	3.7	1.0	.9	.3	.3					13.5	8.1
SE	.4	1.8	1.4	1.2	.5	.5	.1	.2	.1			6.3	12.1
SSE	.1	.2	.1	.5	.3	.6	.2					2.2	17.7
S	.5		.2		.3							1.1	9.7
SSW		.1										.1	5.0
SW	.2	.3										.5	3.4
WSW		.3	.1									.4	4.8
W	.1	.2										.3	3.7
WNW	.1	.3										.4	3.8
NW	.2											.2	2.5
NNW													
VARIABLE	1.6	1.9	.5	.2								4.3	4.5
CALM	////////////////////////////////////											8.6	////
TOTALS	13.9	37.2	28.6	5.6	2.7	2.3	.9	.2	.1			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AIR GL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(1ST): 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	.1							.3	7.7
NNF	.8	.9	.2	.2							2.0	5.4
NF	.9	2.4	2.3	.4							5.9	6.2
ENE	1.2	7.8	4.3	.4	.5						14.3	6.6
E	4.7	17.2	12.7	1.9	.5	.4	.3				37.8	6.8
ESE	1.1	5.7	4.7	.8	.3	.8	.3				13.7	6.3
SE	.3	1.3	2.0	1.4	.4	.3	.3	.2	.1		6.5	12.8
SSE	.3	.1	.5	.4	.4	.2		.4	.1		2.6	17.5
S	.1		.4	.2							.8	4.9
SSW	.2	.2									.4	4.3
SW	.2	.1	.1								.4	4.0
WSW												
W	.2	.8	.3								1.3	5.3
WNW	.1	.1	.1								.3	4.3
NW			.1								.1	7.0
NNW	.1	.1									.2	2.5
VARIABLE	2.4	1.4	.3	.1							4.2	3.7
CALM	////////////////////										9.1	////
TOTALS	12.7	35.1	28.3	6.0	2.3	1.7	1.0	.6	.2		100.0	6.8

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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
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		.3								.6	5.8
NNE	.1	.2	.2								.5	6.2
NE	.5	2.3	2.7	.5	.2						6.2	7.3
ENE	1.5	7.3	5.5	.9		.1					15.3	6.5
E	4.1	19.0	12.7	1.4	.8	.4	.6				39.0	7.0
ESE	1.4	4.8	5.1	1.0	1.1	.3	.1	.1			13.9	9.4
SF	.4	1.3	2.0	1.0	.5	.2	.4	.2			6.1	11.8
SSF	.2	.4	.2	.5	.6	.3	.2		.1		2.7	15.9
S	.1	.1	.1								.2	5.3
SSW	.1	.1	.1								.3	5.7
SW	.4										.4	2.3
WSW												
W	.2	.3									.5	3.6
WNW	.1		.1								.2	5.0
NW		.2	.1								.3	6.0
NNW	.1	.2									.3	3.7
VARIABLE	2.0	1.2									3.2	3.1
CALM	////////////////////////////////////										9.9	////
TOTALS	11.7	37.5	29.1	5.3	3.2	1.4	1.4	.3	.1		100.0	6.8

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: 042023 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.2		.1							.3	7.3
NNE	.0	.3	.2	.1							.9	6.1
NE	.5	2.3	2.2	.8	.1	.1					5.9	7.4
ENE	1.6	8.1	4.5	1.0	.2						15.4	6.5
E	3.0	15.6	13.8	1.5	.5	.2		.4			34.9	7.1
ESE	2.0	5.4	4.9	1.4	1.0	.4	.2				15.4	6.3
SE	.1	1.7	1.3	1.2	.6	.3	.2		.3		5.8	13.1
SSE	.2	.5	.6	.9	.5	.3	.8				3.9	15.9
S	.3	.1		.1							.5	4.4
SSW												
SW	.2	.2	.1								.5	4.4
WSW		.1									.1	4.0
W	.4	.2									.6	5.8
WNW	.2										.2	3.0
NW		.1									.1	4.0
NNW		.1									.1	4.0
VARIABLE	2.8	.9	.1								3.8	2.9
CALM	////////////////////										11.5	////
TOTALS	11.7	35.7	27.7	7.0	3.0	1.4	1.2	.4	.3		100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3			.1								.4	4.5
NNE	.1	.6		.1								.9	5.6
NE	.5	2.8	1.9	.5	.2							6.0	7.0
ENE	1.6	9.1	4.3	.4	.2	.2						15.9	6.4
E	4.8	17.0	13.2	1.4	.5	.3	.1	.2				37.6	6.8
ESE	1.2	5.9	3.9	.6	.8	.6	.3	.1				13.4	8.7
SE	.5	1.1	1.5	1.1	1.0		.3	.1	.1	.3		6.0	14.4
SSE		.6	.3	.9	.4	.3	.1	.1	.1			2.9	15.6
S		.2	.4				.1					.8	10.4
SSW		.1	.1									.2	6.5
SW	.1	.2	.1									.4	5.3
WSW	.2		.1									.3	4.3
W	.6	.4										1.1	3.5
WNW													
NW		.1										.1	5.0
NNW		.2										.2	4.5
VARIABLE	2.2	1.2	.1	.1								3.5	3.6
CALM	////////////////////////////////////											10.1	////
TOTALS	12.3	39.7	26.0	5.3	3.1	1.5	1.0	.5	.2	.3		100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(EST): 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									.3	4.3
NNE	.4	.3	.2								1.0	4.6
NE	1.1	3.5	2.7	.1							7.4	5.9
ENE	1.8	6.1	4.0	.3		.1					14.3	5.9
E	4.8	17.5	10.9	1.8	.2	.5		.3			36.1	6.6
ESE	1.1	6.7	3.4	1.5	.9	1.0	.3				14.9	9.5
SE	.2	1.1	1.4	1.8	.5	.8	.2		.2	.1	6.3	14.3
SSE	.7	.1	.2	.8	.4		.1				1.9	13.1
S		.3	.5	.2			.1				1.2	10.4
SSW	.1										.1	2.0
SW		.2	.1								.3	5.0
WSW	.2		.1								.3	4.0
W		.4	.1	.1							.6	7.2
WNW		.1	.1								.2	8.0
NW												
NNW												
VARIABLE	3.9	1.3	.5	.4	.1						6.2	4.2
CALM	////////////////////										9.7	////
TOTALS	14.1	39.5	24.3	7.1	2.2	2.4	.8	.3	.2	.1	100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
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									.1	6.0
NNE	.4	.1	.3	.1							1.0	6.3
NE	1.3	3.2	2.0	.8							7.3	6.3
ENE	1.0	6.4	4.1	.6	.1						15.2	6.0
E	4.1	17.2	11.5	1.4	1.2	.6	.3	.1			36.5	7.1
ESE	1.2	6.2	3.7	1.1	.4	.4	.2	.1			13.3	8.2
SE	.4	1.5	1.4	1.4	1.5	.5	.2	.1	.1		7.2	13.5
SSE	.1	.2	.2	.6	.4	.3	.1	.2	.1		2.4	12.4
S		.3	.5	.1							1.0	8.3
SSW	.1										.1	2.0
SW	.2	.4									.6	4.8
WSW	.2	.3	.1								.6	4.8
W	.2	.6	.1		.1						1.1	6.2
WNW				.1							.1	16.0
NW	.1										.1	2.0
NNW			.1								.1	10.0
VARIABLE	3.4	1.2	.1								4.7	3.1
CALM	////////////////////////////////////										8.6	////
TOTALS	13.4	59.9	24.2	6.2	3.8	1.9	.9	.5	.2		100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
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	.1	.1	.1	.0								.3	5.9
NNE	.3	.5	.3	.1	.0							1.2	6.1
NE	.7	2.8	2.4	.5	.1	.0						6.5	6.8
ENE	1.7	7.9	4.5	.6	.2	.1						15.0	6.3
E	4.5	16.9	12.5	1.6	.6	.5	.2	.1				37.0	6.9
ESE	1.3	5.8	4.3	1.0	.7	.5	.3	.1				14.1	8.4
SE	.3	1.4	1.5	1.2	.7	.5	.3	.1	.1	.1		6.2	13.3
SSE	.2	.3	.3	.7	.4	.3	.2	.1	.1			2.7	16.1
S	.2	.2	.3	.1	.1		.0					.8	8.3
SSW	.1	.1	.0	.0		.0						.2	6.5
SW	.2	.2	.1									.5	4.0
WSW	.1	.1	.1									.3	4.7
W	.3	.4	.1	.0	.0							.8	4.8
WNW	.1	.1	.0	.0								.2	6.1
NW	.1	.1	.0									.1	4.1
NNW	.0	.1	.0									.1	4.3
VARIABLE	2.7	1.3	.2	.1	.0							4.4	3.5
CALM	////////////////////////////////////											9.4	////
TOTALS	13.0	38.3	26.8	6.0	2.8	1.9	1.0	.4	.2	.1		100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
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	.1		.1								.2	6.5
NNF	.2										.2	2.0
NE	.8	2.2	.2								3.3	4.4
ENE	1.8	9.9	4.4	.1							16.2	5.6
E	6.5	18.8	9.3	1.4	.5	.1	.1	.1			36.9	6.0
ESE	3.0	4.4	3.4	.8	.2	.2	.1				12.2	6.6
SE	.5	1.1	1.1	1.3	.4	.2	.2	.2			5.0	12.4
SSE	.4	.5	.8	1.8	.2	.1					3.8	11.0
S	.2	.7	.6	.4	.2						2.1	8.7
SSW	.4	.1	.2		.1						.9	6.9
SW	.4	.2									.6	2.8
WSW	.1	.6									.7	4.0
W	1.2	.6	.4								2.1	4.0
WNW	.1	.1	.2								.5	5.8
NW	.1	.1									.2	3.0
NNW		.1									.1	6.0
VARIABLE	3.4	1.2		.1							4.7	2.8
CALM	////////////////////////////////////										10.3	////
TOTALS	19.1	40.7	20.8	5.9	1.7	.7	.5	.4			100.0	5.7

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: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N												
NNE		.1									.1	4.0
NE	1.1	2.7	.1								3.9	4.2
ENE	1.5	8.4	5.6	.2		.1					15.8	6.1
E	9.2	16.7	11.9	.8							38.7	5.7
ESE	2.7	4.7	3.0	.7	.2	.1	.1	.4			11.9	7.4
SE	.2	.7	1.7	.7	.7		.1	.4			4.5	12.6
SSE	.2	.7	.6	1.3	.1	.1	.1				3.2	10.8
S	.4	.5	.4	.5							1.7	7.9
SSW		.1	.2	.1							.5	8.5
SW	.2	.2	.2								.7	5.8
WSW	.6	.6	.1								1.5	4.0
W	.6	.4	.4								1.5	4.4
WNW			.1								.1	9.0
NW												
NNW	.1	.4									.5	4.8
VARIABLE	3.1	1.3	.5								4.9	5.5
CALM	////////////////////////////////////										11.0	////
TOTALS	20.0	37.5	24.7	4.4	1.1	.4	.4	.7			100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N												
NNE												
NE	.9	1.9	.4								5.1	4.6
ENE	2.4	2.3	4.1	.1	.1						16.1	5.4
E	3.3	18.0	11.5	.5	.5						39.7	5.5
ESE	2.6	6.4	3.4	.5	.4	.2	.1				15.6	6.4
SE	.4	1.3	1.7	.9	.7	.1	.2	.1			5.4	11.1
SSE		.2	.8	1.5	.1	.1	.1				3.0	13.5
S	.5	.4	.8	.1	.2	.1					2.1	8.9
SSW		.1	.1								.2	6.0
SW	.4	.1									.5	3.3
WSW	.6	.2									.8	3.1
W	.9	.4	.1								1.4	3.0
WNW	.1	.2									.4	3.7
W												
NNW	.1	.1									.2	4.0
VARIABLE	2.7	1.1	.1								3.7	3.2
CALM	////////////////////////////////////										10.9	////
TOTALS	19.7	40.0	23.0	7.7	2.0	.6	.5	.1			100.0	5.4

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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(EST): 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	5.0
NNE	.1										.1	3.0
NE	1.2	2.6	.7								4.5	4.6
NNE	3.4	6.7	2.8	.1	.1						15.2	5.1
E	9.8	18.9	11.0	1.2	.2						41.1	5.5
ESE	3.0	5.6	3.9	.2		.6	.2				13.5	6.9
SE	.5	.6	.9	.8	.5	.5	.6	.1			4.5	14.6
SSE	.6	.6	.7	1.2	.2	.2					3.5	10.5
S	.2	.1	1.2	.2	.1						1.9	8.6
SSW	.1										.1	1.0
SW	.4	.2									.6	3.4
WSW	.2	.5	.1								.8	4.7
W	.2	.2	.4								.8	5.0
WNW												
NW												
NNW		.1									.1	4.0
VARIABLE	2.0	2.5	.5	.1							5.1	4.2
CALM	////////////////////////////////////										7.8	////
TOTALS	21.7	40.9	22.2	3.9	1.2	1.3	.8	.1			100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAF/FLTAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS/EST: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.1									.2	3.5
NNE	.1										.1	3.0
NE	.9	2.7	.4		.1						4.1	4.9
ENE	2.4	9.8	2.4	.2	.1						14.9	5.1
E	9.7	19.1	8.5	1.2	.4	.2					39.1	5.5
ESE	2.0	5.3	3.2	.5	.4	.5					11.8	6.9
SE	.9	1.2	1.4	.6	.4	.4	1.1	.1			6.0	12.9
SSE		.2	.5	.9		.4	.2				2.2	14.9
S	.2	.1	.4	.2							.9	7.5
SSW	.5	.2									.7	2.3
SW	.1	.1									.2	3.0
WSW	.1	.4	.1								.6	4.6
W	.6	1.3	.5								2.4	4.6
WNW		.1									.1	4.0
NW		.1									.1	4.0
NNW	.1										.1	1.0
VARIABLE	2.7	2.0	1.1	.5							6.3	4.7
CALM	////////////////////										9.9	////
TOTALS	20.6	42.9	18.3	4.1	1.2	1.4	1.3	.1			100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
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	.1	.1								.4	5.7
NNE	.1										.1	3.0
NE	.5	2.4	.6								3.4	5.0
ENE	1.9	10.0	3.0		.2	.1					15.2	5.5
E	8.5	20.1	8.9	.5	.7	.7					38.4	5.4
ESE	1.8	6.3	4.1	.9	.4		.2				13.7	7.0
SE	.7	1.3	.9	1.3	.6	.7	.6	.2			6.4	13.8
SSE	.1	.2	.5	.6	.4	.4	.6				2.7	17.3
S	.1	.2	.7	.2	.2						1.5	10.3
SSW	.1	.2	.1								.5	4.5
SW	.1										.1	3.0
WSW	.5	.2	.1	.1							.9	4.5
W	.5	.4	.2		.1						1.2	6.4
WNW	.2	.2	.1								.6	4.2
NW	.2	.1									.4	3.0
NNW												
VARIABLE	.9	2.0	.4	.2							3.5	5.1
CALM	////////////////////										10.9	////
TOTALS	16.4	43.9	19.7	3.9	2.1	1.4	1.4	.2			100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2											.2	2.5
NNF	.1											.1	2.0
NE	.9	1.9	.4	.1								3.3	5.0
ENE	1.8	9.6	3.5	.2	.1	.2						15.5	5.9
E	2.6	19.4	9.0	.7	.2	.2						39.1	5.5
ESE	2.1	5.8	3.3	.5	.8	.2	.1	.1				13.0	7.5
SE	.4	1.2	2.0	1.2	.7	.5	.6	.1				6.6	13.1
SSE		.1	1.1	.6	.1	.1	.1					2.1	12.5
S	.1	.4	.6	.1	.1							1.3	5.2
SSW	.5	.1										.6	2.6
SW	.4	.2										.6	2.8
WSW	.4	.2		.2								.3	5.9
W	.4	.7	.1	.1								1.3	5.1
WNW	.4	.4	.1									.8	4.7
NW		.4										.4	4.0
NNW	.1	.1	.1									.4	6.3
VARIABLE	1.1	1.6	.1									3.0	4.1
CALM	////////////////////											10.9	////
TOTALS	10.3	42.2	20.3	3.8	2.1	1.3	.8	.2				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: D42020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(IST): 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	2.0
NNE	.2	.1										.4	3.3
NE	.2	1.9	.2									2.4	5.0
ENE	2.4	10.4	3.2	.1	.1	.2						16.4	5.6
E	9.1	17.7	9.2	.9	.5	.1	.1					37.7	5.6
ESE	2.6	5.1	3.5	.6	.7	.4	.1	.2				13.2	7.8
SE	.5	2.6	1.5	.8	.4	.8	.1					6.7	10.3
SSE	.2	.6	.8	1.4	.7	.1						3.4	11.1
S	.4	.4	.6	.4	.2	.1						2.0	9.6
SSW	.2			.1								.4	4.7
SW	.1		.1									.2	5.0
WSW	.7	.2	.2									1.2	4.2
W	.2	.6	.4									1.2	5.5
WNW	.1	.1										.2	4.0
NW	.2											.2	2.5
NNW	.4	.1										.5	2.0
VARIABLE	2.4	.5	.1	.1								3.1	3.0
CALM	////////////////////////////////////											10.6	////
TOTALS	20.1	40.3	20.0	4.5	2.1	1.8	.4	.2				100.0	5.7

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: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.1	.0								.2	4.5
NNE	.1	.0									.1	4.9
NE	.6	2.3	.4	.0	.0						3.3	4.7
ENE	2.2	9.5	3.6	.1	.1	.1					15.7	6.6
E	8.8	15.6	9.9	.9	.7	.1	.0	.0			34.7	6.6
ESE	2.5	5.4	3.5	.6	.4	.3	.1	.1			12.9	7.0
SE	.5	1.2	1.4	1.0	.5	.4	.4	.2			5.6	12.5
SSE	.2	.4	.7	1.2	.2	.2	.1				3.0	12.4
S	.3	.3	.7	.3	.1	.0					1.7	9.6
SSW	.2	.1	.1	.0	.0						.5	4.8
SW	.3	.1	.0								.4	3.6
WSW	.4	.4	.1	.0							.9	4.3
W	.6	.6	.3	.0	.0						1.5	4.7
WNW	.1	.1	.1								.3	4.7
NW	.1	.1									.2	7.7
NNW	.1	.1	.0								.2	4.3
VARIABLE	2.2	1.6	.3	.1							4.3	3.9
CALM	////////////////////////////////////										10.3	////
TOTALS	19.4	41.0	21.1	4.3	1.7	1.1	.8	.3			100.0	5.7

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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-85
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	.2	.1									.3	2.7
NNE		.2		.1							.3	6.0
NE	.6	1.8	.3	.1							2.9	5.4
ENE	1.9	10.0	4.6	.2				.1			16.8	5.6
E	4.0	16.9	12.5	1.5	.5	.2	.1		.1		37.8	6.6
ESE	1.2	5.3	4.6	1.3	.4	.1	.1	.1			13.1	7.8
SE	.2	1.7	1.9	2.5	1.5	.8		.2	.2		9.0	13.8
SSE	.3	.3	.5	.9	.9	.9	.4				4.2	16.2
S	.3	.1	.1	.2	.1						.3	8.4
SSW	.1	.1									.2	7.0
SW	.3	.3									.6	7.2
WSW	.6	.1	.2								1.1	9.1
W	.4	.5									1.0	4.0
WNW	.4	.2									.6	7.2
NW	.1	.1	.1								.3	5.7
NNW												
VARIABLE	1.9	1.1	.2	.2							3.4	6.9
CALM	////////////////////////////////////										7.3	////
TOTALS	12.8	41.0	25.2	7.0	3.4	1.9	.6	.4	.3		100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAF

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.1	.2	.2							.5	9.4
NNF			.1								.1	9.0
NE	.4	2.3	.4	.3	.1						3.5	6.3
ENE	2.9	9.4	4.1	.3							16.7	5.4
E	2.7	20.6	10.6	1.6		.5					36.1	6.3
ESE	1.0	6.3	3.3	1.0	.6	.4	.1				12.8	8.0
SE	.4	1.9	1.6	1.4	1.2	1.0	.2	.4	.2		8.4	14.5
SSE	.1	.2	.6	1.2	.4	.3	.8				3.7	16.5
S	.2	.1	.3			.1					.8	8.7
SSW		.2	.1								.3	6.0
SW	.2			.1							.3	5.0
WSW	.2	.1	.2								.5	5.2
W	.6	.8	.1	.1							1.6	5.0
WNW		.2									.2	4.5
NW	.1										.1	3.0
NNW	.3										.3	1.7
VARIABLE	2.7	.5	.4	.1							3.8	3.5
CALM	////////////////////////////////////										10.2	////
TOTALS	11.9	42.8	22.3	6.3	2.4	2.4	1.1	.4	.2		100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042023 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
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	.2		.1		.1		.1				.5	12.0
NNE		.1			.1						.2	12.0
NE	.5	1.5	.2								2.3	4.8
ENE	2.6	11.6	4.1	.4							18.7	5.5
E	4.9	19.4	9.9	1.7	.2						36.1	5.9
ESE	1.2	5.1	3.4	.9	.5	.2					11.3	7.2
SE	.9	2.4	2.0	1.7	1.1	.6	.2	.3			9.2	11.7
SSE		.1	.3	1.0	.4	.8	.8	.1			3.4	20.3
S	.1	.1	.2	.4	.1		.1				1.1	11.9
SSW	.2	.1	.2								.5	5.0
SW	.2	.2	.2								.6	4.5
WSW	.2	.8									1.0	4.4
W	.8	1.2	.1								2.0	3.8
WNW	.4	.4									.9	3.5
NW	.1	.2									.3	3.7
NNW	.1	.1									.2	4.0
VARIABLE	3.5	1.1	.2								4.8	2.9
CALM	////////////////////////////////////										6.7	////
TOTALS	16.0	44.3	21.1	6.1	2.6	1.6	1.2	.4			100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULF AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N			.1									.1	8.0
NNE		.1										.1	4.0
NE	1.5	1.8	.4	.1								3.9	4.3
ENE	1.6	8.7	3.3	.1								13.8	5.4
E	5.1	20.8	8.0	.6	.4							34.9	5.6
ESE	2.5	6.2	4.3	.6	.5		.1	.2				14.5	7.1
SE	.9	1.7	1.8	1.4	.5	.6	.2					7.2	10.7
SSE	.5	.1	.6	.8	.6	.5	.4	.1				3.8	16.1
S	.4	.2	.3	.5	.1		.1					1.7	17.1
SSW		.3	.2									.5	6.6
SW	.5	.4										1.0	3.2
WSW	.3	.8	.1									1.2	4.5
W	.5	1.1										1.6	3.8
WNW	.7	.1										.3	3.3
NW		.1										.1	4.0
NNW													
VARIABLE	2.9	1.5	.2	.1	.1							4.8	3.9
CALM	////////////////////											10.5	////
TOTALS	17.0	44.0	19.5	4.3	2.4	1.7	.9	.3				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(1ST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	.1									.3	3.0
NNE			.1	.2							.3	11.0
NE	.8	2.0	.8	.1							3.7	5.0
ENE	3.1	7.1	1.1	.2							11.5	4.4
E	7.8	17.2	4.5	.5		.1			.1		30.3	5.0
ESE	3.4	4.1	2.4	1.3	.2	.3	.2	.1			12.0	7.1
SF	.6	1.8	1.7	1.5	1.7	.6	.2	.1			8.4	12.2
SSE	.5	.1	.5	1.0	.6	.5	.3	.3			4.0	16.5
S	.2	.1		.4	.2	.3					1.3	14.4
SSW	.4		.1								.5	3.6
SW	.6	.3	.1								1.1	3.8
WSW	.5	1.2	.2								1.9	4.6
W	.6	.3	.2	.1							1.3	4.4
WNW	.1	.3	.2	.1							.8	6.1
NW	.1										.1	2.0
NNW	.2	.1									.3	4.0
VARIABLE	3.2	1.4	.4				.1				5.2	4.3
CALM	////////////////////////////////////										17.0	////
TOTALS	27.7	36.2	12.4	5.5	2.8	1.9	.9	.5	.1		100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(IST): 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												
NNE	.3										.3	2.7
NE	1.2	1.9	.3	.1							3.5	4.4
ENE	4.1	5.9	1.3	.6			.1	.1			12.2	5.1
E	7.0	17.2	4.9	.5	.3	.2					37.2	5.3
ESE	4.2	4.7	1.9	.6	.4	.4	.1	.1			12.6	6.7
SE	1.1	1.3	1.4	1.5	1.0	1.0	.5	.2			8.0	13.5
SSE	.2	.4	.4	.9	1.0	.6	.5	.2			4.3	17.8
S	.3	.4	.4		.3						1.5	8.9
SSW	.1		.1			.1					.3	11.3
SW	.4	.1									.5	7.2
WSW	1.1	.5									1.6	2.7
W	.6	1.2	.1								1.9	4.1
WNW		.2									.2	4.0
NW	.2										.2	2.0
NNW	.2										.2	2.0
VARIABLE	2.0	1.6	.6	.2							4.5	4.5
CALM	////////////////////////////////////										17.8	////
TOTALS	23.1	35.6	11.6	4.5	3.0	2.4	1.3	.6			100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: MAR 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	.1										.2	3.0
NNE													
NE	1.7	2.8	.3	.2								5.1	4.6
ENE	1.5	8.3	3.0	.3								13.2	5.4
E	7.5	18.1	8.9	1.6	.3	.2						36.7	5.8
ESE	1.6	4.6	3.7	.9	.8	.3		.1				11.9	8.0
SE	1.3	1.4	1.8	1.2	1.0	.9	.3	.3	.4			8.6	14.0
SSE	.3	.2	.5	.4	1.1	.8	.8	.1				4.2	18.3
S	.2	.5	.2	.2	.1	.2	.2					1.7	12.9
SSW	.3	.2	.1	.1								.8	5.9
SW	.3	.1										.4	3.0
WSW	.9	.6		.2								1.6	4.7
W	.2	1.1	.2									1.5	5.0
WNW	.1	.1										.2	3.0
NW	.1											.1	2.0
NNW	.1	.1		.1								.3	7.0
VARIABLE	1.1	.9	.2	.3								2.7	5.0
CALM	////////////////////////////////////											10.8	////
TOTALS	17.6	39.1	19.0	5.6	3.2	2.4	1.3	.5	.4			100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
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											.1	3.0
NNE	.2											.2	2.5
NE	.6	2.6	.1	.1								3.4	4.7
ENE	2.3	8.0	3.9	.4		.1						14.6	5.7
E	5.2	19.5	12.0	2.0	.4	.1		.2				39.5	6.5
ESE	1.5	5.9	5.7	.5	.1	.3	.3	.1				14.5	7.6
SE	.9	1.8	.9	1.5	.8	1.0	.1	.2	.2	.2		7.5	14.8
SSE	.1	.4	.6	1.1	.9	1.2	.4	.1				4.8	17.3
S	.2	.4	.2	.2	.1	.1						1.3	9.7
SSW	.1	.1										.2	3.0
SW	.2	.2										.4	3.8
WSW	.1	.1										.2	3.0
W	.2	.1	.3									.6	5.5
WNW	.1	.1										.2	3.5
NW		.1										.1	6.0
NNW		.1										.1	5.0
VARIABLE	1.6	1.9	.6	.2								4.4	4.7
CALM	////////////////////											7.6	////
TOTALS	13.4	41.4	24.4	6.1	2.3	2.8	.9	.5	.2	.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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: MAR 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	34-40	41-47	48-55	GE 56	
N	.1	.1	.1	.0	.0		.0				.3	7.1
NNE	.1	.1	.0	.0	.0						.2	7.1
NE	.9	2.1	.4	.1	.0						3.5	4.8
ENE	2.5	8.6	3.2	.3		.0	.0	.0			14.7	5.4
E	5.5	19.0	8.9	1.3	.3	.2	.0	.0	.0		35.2	5.9
ESE	2.1	5.3	3.7	.9	.5	.3	.1	.1			12.8	7.4
SE	.8	1.8	1.7	1.6	1.1	.8	.2	.2	.1	.0	8.3	13.2
SSE	.3	.2	.5	.9	.7	.7	.6	.1			4.0	17.3
S	.3	.3	.2	.3	.1	.1	.1				1.5	10.7
SSW	.7	.1	.1	.0		.0					.4	5.7
SW	.4	.2	.0	.0							.6	3.5
WSW	.5	.5	.1	.0							1.1	4.2
W	.5	.8	.1	.0							1.5	4.4
WNW	.2	.2	.0	.0							.4	4.1
NW	.1	.1	.0								.2	3.8
NNW	.1	.1		.0							.2	3.9
VARIABLE	2.4	1.2	.4	.1	.0		.0				4.2	4.0
CALM	////////////////////////////////////										11.0	////
TOTALS	16.8	40.6	19.4	5.7	2.8	2.1	1.0	.5	.2	.0	100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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										.1	4.0
NNE	.1											.1	2.0
NE	1.3	1.8	.4									3.6	4.1
ENE	3.8	6.6	.6									10.9	4.1
E	7.6	17.9	8.8	1.2	.7	.3						36.4	5.9
ESE	2.4	6.7	2.8	1.4	.2	.2		.3	.2			14.3	7.8
SE	.8	1.2	2.3	1.7	1.1	.8	.6	.2				9.7	13.2
SSE	.3	.4	.8	1.2		.4	.1	.1				3.4	12.8
S	.1	.2	.4	1.3	.7	.1						2.9	13.8
SSW	.1	.2	.1									.4	4.5
SW	.3		.2									.6	4.6
WSW	.4	.1	.2									.8	3.9
W	.7	.7	.1									1.4	3.8
WNW		.3		.1								.4	6.0
NW	.2											.2	2.5
NNW	.1	.1										.2	3.0
VARIABLE	1.3	1.0	.1									2.4	3.5
CALM	////////////////////////////////////											13.0	////
TOTALS	19.7	37.3	16.9	7.0	2.7	1.9	.7	.7	.2			100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THUL AB GL

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	.1	.1	.1									.3	5.7
NNE	.1		.1									.2	5.0
NL	1.4	.8	.2	.1								2.6	4.3
ENE	4.2	6.2	.9	.2	.1							11.7	4.4
E	7.7	20.6	6.7	1.0	.3	.1						36.3	5.3
ESE	2.7	6.0	3.4	1.6	.3			.4				14.4	7.3
SE	1.0	1.6	.9	1.2	.4	.9	.2					6.2	11.4
SSE	.2	.2	1.0	1.3	.9	.9	.6					5.1	16.5
S	.1	.1	.3	.9	.2	.2						1.8	13.2
SSW	.2	.1	.1	.1								.6	6.4
SW	.1		.1									.2	5.0
WSW	.2	.3										.6	4.2
W	.3	.3	.2									.9	4.5
WNW		.2										.2	4.5
NW	.1	.2										.3	3.3
NNW	.3	.1										.4	2.5
VARIABLE	1.8	1.0	.4	.1	.2							3.6	5.3
CALM	////////////////////											14.6	////
TOTALS	20.7	37.9	14.6	6.4	2.6	2.1	.8	.4				100.0	5.8

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: 042020 STATION NAME: THULF AB GL

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		.1									.1	6.0
NNE	.1										.1	2.0
NE	1.0	1.2	.3		.1						2.7	4.9
ENE	5.9	6.1	1.0	.3	.1						13.4	4.2
E	10.6	17.0	3.7	.1	.2	.1	.3				32.0	4.9
ESE	3.6	6.4	2.4	.9	.6	.3	.3	.1			14.7	7.2
SE	1.0	1.6	1.0	.8	.7	.9	.2				6.1	11.4
SSE	.1	.1	.8	1.6	.3	1.1	.1				4.1	16.0
S			.3	.2	.2	.1					.9	15.1
SSW			.1								.1	7.0
SW	.2										.2	2.0
WSW	.1	.3	.2								.7	5.3
W	.4	.9	.1								1.4	4.1
WNW	.2	.2									.4	3.5
NW	.3	.1									.4	2.8
NNW	.1										.1	3.0
VARIABLE	2.3	1.2	.2	.6							4.3	4.7
CALM	////////////////////////////////////										18.1	////
TOTALS	26.0	35.3	10.2	4.4	2.7	2.6	1.0	.1			100.0	5.1

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: 042020 STATION NAME: THULF AB GL

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	.1										.2	4.0
NNE	.1											.1	3.0
NE	1.0	.2	.1	.2								1.6	4.9
NNE	7.0	2.7	.2	.4			.1					10.4	7.7
E	11.0	11.7	1.3	.6	.2	.1						24.9	4.1
ESE	2.6	3.6	1.0	1.1	.3	.6	.2					9.5	7.7
SE	1.2	1.3	1.1	.8	1.2	.8	.3					6.8	12.0
SSE	.2	.2	.8	.6	.6	1.1	.1					3.6	15.3
S		.1	.7	.1	.9							1.8	14.2
SSW		.3										.7	5.3
SW	.3	.3	.1									.8	4.0
WSW	1.0	.7	.2									1.9	4.1
W	3.2	1.6	.2	.1								5.1	3.4
WNW	.4	.7										.8	3.1
NW	.2		.1									.3	4.0
NNW													
VARIABLE	2.7	1.4	.1	.1								4.3	1.3
CALM	////////////////////////////////////											27.8	////
TOTALS	31.1	24.6	6.0	4.0	3.2	2.7	.7					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: 042020 STATION NAME: THULE AB GL

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		.1										.1	4.0
NNE			.2									.2	8.0
NE	.6				.1							.7	5.2
ENE	3.0	.6	.2	.3								4.1	3.8
E	7.0	4.6	.9	.2	.4	.1						13.2	4.3
ESE	2.2	1.9	.9	.9	.4	.9	.1					7.3	9.0
SE	.7	1.1	.9	1.1	.7	.8	.2					5.4	12.4
SSE	.7	.3	.7	1.4	1.1	.8						4.7	14.3
S	.5		.6	1.0	.3	.1						2.6	11.6
SSW	.4											.4	2.5
SW	1.1	.2										1.3	2.4
WSW	3.1	.7										3.8	2.5
W	5.8	.8	.6		.1	.1						9.3	3.5
WNW	1.1	.6	.3									2.0	3.6
NW	.4	.2	.1									.8	3.7
NNW	.3	.3										.7	3.2
VARIABLE	3.0	.6	.2	.1								3.9	3.1
CALM	////////////////////////////////////											39.4	////
TOTALS	29.7	13.9	5.6	5.1	3.2	2.8	.3					100.0	3.8

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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: APR 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										.1	2.0
NNE	.1										.1	3.0
NE	.1			.1							.2	8.0
ENE	1.9	.9	.1								2.9	3.5
E	6.1	4.4	1.1	1.2	.3						13.2	4.9
ESE	1.7	2.0	.8	.9	.9	.6	.1	.2			7.1	10.2
SE	.9	.8	1.0	1.0	.6	1.2	.2	.1			6.8	13.6
SSE	.3	1.0	.6	1.4	.7	.4					4.4	12.0
S	.1	.4	.4	1.3	.8						3.1	12.8
SSW	.6	.2		.2							1.0	7.1
SW	1.2	.7	.3								2.2	4.1
WSW	3.1	.9									4.0	2.7
W	6.8	2.7	.2								9.7	3.0
WNW	1.6	1.2	.2								3.1	4.0
NW	.7	.3	.1								1.1	3.6
NNW	.2	.1									.3	3.0
VARIABLE	2.7	.7									3.3	2.4
CALM	////////////////////////////////////										38.2	////
TOTALS	28.1	16.3	5.0	6.2	3.2	2.2	.3	.3			100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042027 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.1									.1	6.0
NNE		.1									.1	4.0
NE	.9	.3		.1							1.3	3.8
ENE	3.8	2.9		.1							6.8	2.3
E	8.7	9.0	1.2	.6		.2					19.7	4.3
ESE	2.3	4.4	1.8	1.7	.4	.7			.3		11.7	8.9
SE	1.4	1.4	2.2	1.0	.6	.6	.2	.2			7.7	10.5
SSE	.7	.9	.7	1.1	.6	.7	.3				4.9	12.7
S	.2	.4	.9	.9	.8						3.2	11.9
SSW	.2	.1									.3	2.3
SW	.4	.6	.3								1.3	4.5
WSW	1.1	.2	.3								1.7	3.9
W	3.8	2.7	.4								6.9	3.5
WNW	1.6	.7									2.2	3.1
NW	.6	.2									.8	3.3
NNW	.2	.1	.1								.4	4.5
VARIABLE	2.3	.4	.1	.1							3.0	3.1
CALM	////////////////////										27.9	////
TOTALS	28.2	24.7	8.1	5.6	2.3	2.1	.6	.2	.1		100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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	GF 56		
N		.2										.2	5.0
NNE													
NE	.6	.3	.2	.1								1.2	5.0
ENE	4.2	7.1	.7		.1							12.1	4.2
E	8.1	16.3	4.3	.2	.2							31.2	4.8
ESE	3.2	6.0	2.9	.9	.7	.1	.1	.3		.3		14.6	8.3
SE	.8	2.2	2.3	2.2	.9	.9	.3	.1				9.8	11.7
SSE	.3	.2	.9	1.0	.3	.6	.3					3.7	14.4
S	.4	.3	.1	.8	.9							2.6	11.9
SSW	.1		.1	.2								.4	9.8
SW	.3	.3		.1								.8	5.0
WSW	.4	.6										1.0	3.3
W	1.0	.7	.4									2.1	4.3
WNW	.1	.1	.1									.3	4.7
NW		.2										.2	4.5
NNW	.2											.2	3.0
VARIABLE	2.1	1.1	.2	.1		.1						3.7	4.3
CALM	////////////////////											15.9	////
TOTALS	22.0	37.8	12.3	5.7	3.1	1.7	.8	.4		.3		100.0	5.7

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: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.0	.1	.0								.2	4.8
NNE	.1	.0	.0								.1	4.4
NE	.9	.6	.2	.1	.0						1.7	4.5
ENE	4.2	4.1	.5	.2	.0	.0					9.0	4.0
E	8.1	12.9	3.5	.6	.3	.1	.0				25.9	4.9
ESE	2.6	4.6	2.0	1.2	.5	.4	.1	.2	.1	.0	11.7	8.1
SE	1.0	1.4	1.5	1.2	.8	.8	.3	.1			7.1	12.0
SSE	.3	.4	.8	1.2	.6	.7	.2	.0			4.2	14.3
S	.2	.2	.5	.9	.6	.1					2.3	12.8
SSW	.2	.1	.1	.1							.5	5.3
SW	.5	.3	.1	.0							.9	4.0
WSW	1.2	.5	.1								1.8	3.2
W	2.7	1.5	.7	.1		.0					4.6	3.5
WNW	.6	.5	.1	.0							1.2	3.8
NW	.3	.2	.0								.5	3.5
NNW	.2	.1	.0								.3	3.2
VARIABLE	2.3	.9	.1	.1	.0	.0					3.6	3.8
CALM	////////////////////////////////////										24.4	////
TOTALS	25.7	28.5	9.8	5.6	2.8	2.2	.6	.3	.1	.0	100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 7,000

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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									.1	4.0
NNE	.3										.3	2.0
NE	.9	.4									1.3	3.4
ENE	3.4	2.9	.1	.1							6.6	3.5
E	7.0	10.1	3.3	.9	.2		.1				21.6	5.1
ESE	2.0	6.5	3.2	.9	.2	.2		.3			13.3	7.0
SE	.5	1.6	2.5	1.7	.4	.2					7.0	9.2
SSE	.1	.5	1.2	.9	.5						3.2	10.9
S	.5	.8	.6	.4							2.4	7.4
SSW	.4	.1									.5	2.6
SW	1.0	.2									1.2	2.5
WSW	1.9	.5									2.5	2.6
W	3.2	2.8	.3								6.3	3.6
WNW	1.6	.8									2.4	2.9
NW	.5	.1									.6	2.5
NNW	.3	.2	.1								.6	4.2
VARIABLE	1.8	.6			.1						2.6	3.5
CALM	////////////////////										27.4	////
TOTALS	25.7	26.3	11.4	4.8	1.5	.4	.1	.3			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: 042020 STATION NAME: THULE AB GL

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	.2											.2	2.5
NNE	.3	.1	.1		.1							.6	6.7
NE	1.1	.9	.2	.1								2.3	4.2
ENE	2.9	2.5	.3	.2	.1							6.0	4.1
E	8.6	12.9	2.8	.6	.1			.1				25.2	4.8
ESE	2.4	5.5	2.9	.9	.1	.3	.2					12.2	6.8
SE	.6	1.8	2.9	.6	.3	.2	.2					6.8	9.4
SSE	.3	.5	1.2	1.3	.2	.2						3.8	10.7
S	.2	.4	.2	.8								1.6	8.6
SSW	.3	.2	.1									.6	4.2
SW	.5	.3	.1									1.0	7.4
WSW	.6	.9										1.5	3.4
W	1.6	1.8	.2									3.7	3.7
WNW	1.0	.4										1.4	2.8
NW	.3	.1										.4	2.5
NNW	.2	.2										.4	3.5
VARIABLE	2.6	.9	.1		.1							3.7	3.3
CALM	////////////////////											28.7	////
TOTALS	23.9	29.5	11.2	4.4	1.1	.8	.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: 042020 STATION NAME: THULE AB GL

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	.2										.2	2.0
NNE	.3	.1									.4	3.0
NE	1.4	.3	.3	.1		.1					2.3	5.0
ENE	1.9	1.4	.9		.1						4.3	4.6
E	7.0	7.5	1.4	.6	.1	.1	.3				17.5	4.9
ESE	1.8	5.2	.9	1.2	.3	.3					9.7	6.9
SE	1.6	2.6	2.3	1.4	.3						8.2	7.4
SSE	.2	.9	.9	1.3	.6	.4	.1				4.4	12.5
S	.6	.8	.3	.8		.1					2.6	7.8
SSW	.3	.1									.4	2.3
SW	.5	.5	.2								1.3	4.2
WSW	2.2	.6									2.8	2.9
W	5.8	2.8	.5								9.1	3.3
WNW	1.0	1.0									1.9	3.2
NW	.6	.4									1.1	3.3
NNW	.4	.2									.6	3.0
VARIABLE	3.3	1.4		.1							4.8	3.1
CALM	////////////////////////////////////										28.3	////
TOTALS	29.8	25.4	7.6	5.5	1.5	1.1	.4				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: 042020 STATION NAME: THULE AB GL

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	.1	.1									.2	3.0
NNF	.1	.3									.4	3.5
NE	.3		.2			.1					.6	8.3
ENE	.6	.4	.2			.7					1.6	8.1
E	3.7	2.7	1.4	1.6		.5					9.9	6.9
ESE	1.3	1.3	1.2	1.1	.2	.4	.1				5.6	9.3
SE	.8	1.4	1.7	2.4	.8	.3					7.3	10.4
SSE	.4	1.1	.9	1.4	.3	.3					4.4	10.4
S	.4		.6	.2							1.3	7.8
SSW	.3	.2	.1								.6	4.0
SW	1.5	.4									1.9	2.3
WSW	2.7	1.1	.1		.1						4.0	3.1
W	12.8	7.3	.5								23.6	3.2
WNW	2.9	1.6	.1								4.1	3.2
NW	.8	.5									1.3	3.6
NNW	.4	.2	.2								.9	4.1
VARIABLE	1.5	.5	.5	.3	.1						3.0	5.3
CALM	////////////////////////////////////										32.2	////
TOTALS	30.1	15.2	7.8	7.0	1.5	2.0	.1				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

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

STATION NUMBER: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 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	.2										.3	4.3
NNE	.1											.1	2.0
NE	.4	.2			.1							.4	5.3
ENE	.5	.1	.4									1.1	4.9
E	1.8	1.3	1.6	1.7	.5	.1						7.1	8.4
ESE	.4	.5	.9	1.2	1.3	.4	.1					4.8	13.5
SE	.5	1.1	1.3	1.6	.5	.5	.1					5.7	11.1
SSE	.6	.2	1.2	1.0	.5							3.5	10.5
S	.3	.4	1.0	.6	.2							2.6	9.1
SSW	.3	.4		.2								1.0	5.7
SW	1.0	.5	.1									1.6	3.4
WSW	5.4	1.3										6.7	2.5
W	15.4	10.4	1.8									28.0	3.5
WNW	3.8	4.3	.9									8.9	3.9
NW	.6	.8	.3									1.7	4.2
NNW	.3	.2										.5	3.4
VARIABLE	1.7	1.0	.2									2.9	3.4
CALM	////////////////////											22.7	////
TOTALS	33.4	23.3	9.7	6.3	3.2	1.1	.2					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042023 STATION NAME: THULF AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	.1									.4	2.8
NNE		.2									.2	6.0
NE	.2	.3		.1							.6	4.8
ENE	.4		.1	.1			.1				.8	8.4
E	1.6	1.5	1.3	.8	.1	.3					5.6	7.4
ESE	.2	.5	.5	1.7	1.1	.1					4.2	12.4
SE	.5	.2	1.6	2.7	.3						5.4	11.0
SSE	.3	.6	.9	2.2	.5	.3					4.8	12.0
S	1.0	.4	.6	.5	.3						2.9	7.7
SSW	.1										.1	2.0
SW	1.3	.6	.1	.2							2.3	3.9
WSW	5.4	1.5	.3								7.2	2.9
W	16.7	12.3	1.2	.1							31.0	3.7
WNW	4.8	3.9	.9								9.6	3.7
NW	.9	1.2									2.0	3.6
NNW	.1	.9	.1								1.1	4.6
VARIABLE	1.0	.2		.1							1.3	3.4
CALM	////////////////////////////////////										20.5	////
TOTALS	34.8	24.5	8.4	8.5	2.4	.8	.1				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042023 STATION NAME: THULE AB GL

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	.3	.1									.4	3.3
NNE	.1	.2									.3	4.0
NE		.1									.1	5.0
ENE	.5	.6	.3			.1	.1				1.7	7.6
E	3.3	2.9	.8	1.2	.3						8.5	5.9
ESE	1.5	1.3	.9	1.2	.5	.1	.1				5.6	8.7
SE	.5	1.0	1.5	2.0	.4	.2	.1	.1			5.9	11.2
SSE	.6	.3	1.5	1.5	.1	.2	.1				4.4	11.0
S		.2	1.1	1.0	.1						2.4	10.1
SSW	.1	.1	.3								.5	6.4
SW	.8	.5	.1								1.4	3.3
WSW	3.9	.8	.2								4.8	2.6
W	14.4	8.6	2.2								25.2	3.5
WNW	3.7	2.9	.3								6.9	3.7
NW	1.2	1.1	.4								2.7	4.0
NNW	.5	.2	.1								.9	3.5
VARIABLE	1.1	.2		.1							1.4	3.7
CALM	////////////////////////////////////										26.9	////
TOTALS	32.6	21.2	9.7	7.0	1.5	.6	.4	.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: 042020 STATION NAME: THULE AB GL

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	.1	.2	.1									.4	4.5
NNE	.2	.3										.5	3.6
NF	.5	.1										.6	2.7
ENE	1.0	1.5		.1								2.6	4.3
E	5.5	6.2	1.0	1.1	.4		.1					14.3	5.4
ESE	1.6	4.6	2.2	.9	.3		.1	.1				9.8	7.0
SE	.8	1.0	2.3	2.7	.1		.3					7.1	9.9
SSE	.5	.9	1.8	1.0	.2							4.3	9.0
S	.1	.6	.6	.3	.1							1.8	8.0
SSW	.2		.1									.3	4.7
SW	1.1	.4	.1									1.6	3.1
WSW	2.9	1.5										4.4	2.9
W	7.7	4.0	.9	.1								12.7	3.4
WNW	3.2	1.3										4.5	2.7
NW	1.2	.2										1.4	2.5
NNW	.6	.4										1.1	3.2
VARIABLE	1.3	.4	.1	.1								1.9	3.9
CALM	////////////////////////////////////											37.5	////
TOTALS	28.6	23.7	9.1	6.2	1.2		.5	.1				100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMER: 042020 STATION NAME: THULE AB GL

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	.2	.1	.0									.3	7.4
NNE	.2	.2	.0		.0							.4	4.1
NE	.6	.3	.1	.0	.0	.0						1.1	4.6
ENE	1.4	1.2	.3	.1	.0	.1	.0					3.1	4.7
E	4.9	5.6	1.7	1.1	.2	.1	.1					13.7	5.6
ESE	1.4	3.2	1.6	1.1	.5	.2	.1	.1				6.1	8.1
SE	.7	1.3	2.0	1.9	.4	.2	.1	.0				6.7	9.8
SEF	.4	.6	1.2	1.3	.4	.2	.0					4.1	10.9
S	.4	.5	.6	.6	.1	.0						2.2	8.3
SSW	.3	.1	.1	.0								.5	4.4
SW	1.0	.5	.1	.0								1.5	7.3
WSW	3.1	1.0	.1		.0							4.2	2.8
W	9.7	6.3	1.0	.0								17.1	3.5
WNW	2.7	2.0	.3									5.0	3.5
NW	.8	.6	.1									1.4	3.5
NNW	.4	.3	.1									.8	3.7
VARIABLE	1.8	.7	.1	.1	.0							2.7	3.7
CALM	////////////////////////////////////											27.2	////
TOTALS	29.9	24.4	9.4	6.2	1.7	.8	.3	.1				100.0	4.1

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: G42020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(EST): 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	8.0
NNE	.1	.3	.2	.1								.8	6.4
NE		.3	.2	.1		.1						.8	10.0
ENE	.7	.3	.2									1.2	4.5
E	1.3	.9	1.3	.3		.1						4.0	6.5
ESE	.3	.7	1.1	1.2	.6		.2					4.1	11.2
SE	.3	.2	1.2	1.3	.8	.4						4.3	13.1
SSE			1.3	1.3	.7	.1						3.4	13.2
S	.3	.2	.6	1.1	.6	.2						3.0	12.4
SSW	.1											.1	1.0
SW	.6											.6	1.8
WSW	2.1	1.1	.3									3.6	3.5
W	13.4	6.4	2.0	.2								22.1	3.5
WNW	5.2	1.7	.1									7.0	2.7
NW	1.2	.4										1.7	2.7
NNW	.6	.2										.8	2.9
VARIABLE	1.6	1.0		.1								2.7	3.5
CALM	////////////////////////////////////											39.8	////
TOTALS	27.7	13.9	9.8	5.9	2.6	1.0	.2					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	.2	.1									.7	4.2
NNE		.1										.1	4.0
NE	.4	.2	.2	.3								1.2	6.4
ENE	.6	.6	.2	.1	.1							1.6	6.3
E	2.5	1.8	1.2	1.0	.1							6.7	5.9
ESE	.9	.9	.9	.8	.3							3.7	8.2
SE	.6	.4	1.8	1.2	.9	.1	.2	.1				5.3	12.8
SSE		.7	1.1	1.8	.8	.1						4.1	12.9
S	.1	.4	.9	.7	.4							2.5	10.9
SSW	.1											.1	3.0
SW	.7	.3										1.0	3.0
WSW	2.3	.7	.3									3.3	3.2
W	12.4	5.1	1.0	.1								19.7	3.1
WNW	4.3	1.6										5.9	2.6
W	.9	.4										1.3	2.8
WNW	.3	.2	.2									1.2	3.6
VARIABLE	2.2	.9										3.1	2.4
CALM	////////////////////////////////////											39.4	////
TOTALS	29.1	14.2	8.0	6.0	2.7	.2	.2	.1				100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 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	.3	.1	.1									.6	3.8
NNE	.1	.2										.3	3.7
NE	.2	.1	.2									.5	4.8
ENE	.7	.6	.1	.1	.2							1.7	6.4
E	1.3	1.0	.9	.6	.2							4.0	7.1
ESE	.1	.1	.9	1.2	.4	.1	.1					3.0	13.3
SE	.1	.7	.7	.9	.6	.4		.1				3.4	13.5
SSE		.7	1.2	1.6	1.0	.2						4.7	12.8
S	.3	.3	1.1	.9	.4	.1						3.2	10.8
SSW		.7										.3	6.0
SW	.7	.4	.1									1.2	3.5
WSW	3.7	1.3	.3									5.3	3.3
W	18.3	10.1	1.6									30.0	3.3
WNW	4.2	3.2	.2									7.7	3.5
NW	.7	.6	.1									1.3	3.8
NNW	.7	.3										1.0	3.0
VARIABLE	1.6	1.7										3.2	3.4
CAL"	////////////////////////////////////											28.4	////
TOTALS	33.0	21.8	7.6	5.2	2.9	.9	.1	.1				100.0	3.9

AN 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: 042020 STATION NAME: THULF AB GL

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	.1	.1										.2	3.0
NNE	.1	.1	.1	.2								.6	8.4
NE		.1										.1	4.0
ENE	.1	.2	.1									.4	4.8
E	.4	.7	.3	1.6	.4							3.4	10.7
ESE			.6	1.4	.6	.1						2.7	13.6
SE	.1	.3	.4	1.8	1.1	.3	.2					4.3	15.1
SSE	.1	.1	1.0	2.0	.6	.3	.1					4.2	13.7
S		.4	1.3	1.1	.7	.1						3.7	12.5
SSW		.1		.1								.2	5.5
SW	.3											.3	2.7
WSW	5.9	1.3	.2									7.4	2.7
W	21.0	16.7	2.4	.2								42.3	3.7
WNW	4.4	5.0	.7	.1								10.2	3.9
NW	1.4	.7	.1									2.2	3.5
NNW	.8	.2										1.0	3.0
VARIABLE	1.8	.6	.3									2.7	3.5
CALM	////////////////////											13.9	////
TOTALS	36.7	28.7	7.7	8.6	3.3	.9	.3					100.0	4.9

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: 042023 STATION NAME: THULE AB GL

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		.1		.1							.2	10.0
NNE	.1			.3	.1						.6	12.4
NE		.2	.1								.3	6.7
ENE	.3	.4	.2	.3							1.3	7.7
E	.2	.1	.2	1.6	.3						2.4	12.8
ESE	.1	.3	1.1	1.2	.8	.7					4.2	13.8
SE	.2	.3	1.1	1.4	1.0	.7					4.8	13.7
SSE		.2	1.2	1.9	.6	.3					4.2	13.6
S	.1	.4	.6	2.4	.4	.3					4.3	13.6
SSW												
SW	.3										.3	2.0
WSW	5.1	1.3		.1							6.6	2.9
W	16.8	24.8	4.2	.1							45.9	4.1
WNW	2.9	8.1	1.0								12.0	4.4
NW	1.3	1.0									2.3	3.4
NNW	.1										.1	2.0
VARIABLE	1.0	1.2	.1	.1							2.4	4.2
CALM	////////////////////////////////////										7.9	////
TOTALS	28.7	36.7	9.9	9.7	3.2	2.0					100.0	5.7

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: 042020 STATION NAME: THULE AB GL

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		.2	.1	.2							.6	9.8
NNE		.2	.1	.1							.4	7.5
NE		.1	.2								.3	8.0
ENE	.1	.1	.2								.4	5.5
E	.2	.1	.1	1.6	.7	.1					2.3	13.1
ESE		.3	.7	1.2	1.2	.6					4.0	15.3
SE	.2	.3	1.1	1.1	.8	.9					4.4	14.6
SSE		.3	.6	2.6	1.0		.1				4.6	13.8
S		.4	1.1	2.0	.9	.2					4.7	13.0
SSW	.2		.3								.6	6.6
SW	.2	.2	.1								.6	5.0
WSW	4.9	1.0	.1								5.9	2.8
W	14.0	24.2	5.8	.3							44.3	4.5
WNW	4.4	8.0	1.3							.1	13.9	4.6
NW	.8	.2	.2								1.2	4.3
NNW	.1	.4		.2							.8	7.1
VARIABLE	1.7	1.6	.2	.1							3.8	4.3
CALM	////////////////////////////////////										7.2	////
TOTALS	26.8	38.1	12.3	9.4	4.1	1.8	.1			.1	100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 700

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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JUN 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	.2	.1								.7	6.3
NNE			.1									.1	10.0
NE		.2										.2	5.0
ENE			.2	.1								.3	8.7
E		.7	1.3	1.1	.1	.1						3.3	10.4
ESE		.1	1.0	1.1	.9	.1						3.2	13.5
SE		.3	.7	.6	1.9	.3						3.8	15.2
SSE		.1	1.2	1.3	2.0	.6						5.2	15.5
S		.3	.7	1.6	.8	.1						3.4	13.5
SSW		.1	.1									.2	6.5
SW	.6	.9										1.4	4.1
WSW	3.8	1.4	.1									5.3	3.1
W	17.2	21.4	4.7	.2	.1							43.7	4.2
WNW	4.6	6.2	1.3									12.1	4.1
NW	.6	1.2	.2									2.0	4.7
NNW	.1	1.0	.1									1.2	5.0
VARIABLE	.8	.8	.4									2.0	4.7
CALM	////////////////////////////////////											11.7	////
TOTALS	27.7	35.1	12.4	6.1	5.8	1.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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	.2	.2								.6	6.0
NNE					.1						.1	10.0
NNE	.1	.2	.3								.7	5.7
ENE	.3	.6	.1								1.0	4.9
E	.2	.7	1.0	1.0	.2						3.1	9.3
ESE		.6	1.3	1.1	.2	.2					3.4	11.5
SE	.1	.7	.7	1.2	.6	.7	.1				3.6	15.4
SSE		.4	1.2	2.1	1.0	.4					5.2	14.0
S	.4	.4	1.0	.8	1.2	.1					4.0	12.1
SSW			.2	.1							.3	10.3
SW	.6	.2									.8	3.3
WSW	3.1	.7	.3								4.1	2.9
W	19.1	12.2	3.2								34.6	3.7
WNW	5.0	3.6									8.6	3.3
NW	1.6	.8	.3								2.7	3.5
NNW	.4	.4									.9	3.3
VARIABLE	1.1	.7	.1								1.9	3.5
CALM	////////////////////////////////////										24.6	////
TOTALS	32.2	21.9	10.1	6.3	3.3	1.4	.1				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-P6
MONTH: JUN 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	.1							.4	6.1
NNE	.1	.1	.1	.1	.0						.4	8.2
NE	.1	.2	.2	.1		.0					.5	6.7
ENE	.3	.3	.2	.1	.0						1.0	6.1
E	.8	.7	.8	1.1	.2	.0					3.7	8.7
ESE	.2	.4	.9	1.2	.6	.2	.0				3.5	12.5
SE	.2	.4	1.0	1.2	.9	.5	.1	.0			4.2	14.1
SSE	.0	.3	1.1	1.8	.9	.3	.0				4.5	13.7
S	.2	.4	.9	1.3	.7	.2					3.6	12.5
SSW	.1	.1	.1	.0							.2	6.9
SW	.5	.3	.0								.8	3.4
WSW	3.8	1.1	.2	.0							5.2	3.0
W	16.5	15.4	3.1	.2	.0						35.2	3.9
WNW	4.4	4.7	.6	.0						.0	9.7	3.8
NW	1.1	.7	.1								1.8	3.6
NNW	.4	.4	.0	.0							.9	3.9
VARIABLE	1.5	1.1	.2	.0							2.7	3.7
CALM	////////////////////										21.6	////
TOTALS	30.2	26.5	9.6	7.2	3.5	1.2	.1	.0		.0	100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042023 STATION NAME: THULE AB GL

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	.3	.1	.1									.5	4.0
NNE	.1											.1	2.0
NF		.2	.1	.2								.5	8.6
ENE	.2	.9	.5	.3								1.9	7.3
E	1.2	2.6	1.4	1.2	.4	.4		.3				7.6	9.9
FSE	.6	1.1	1.4	1.4	.4	.3	.1					5.4	10.6
SE	.5	.4	1.1	1.2	.6	.4	.1					4.4	17.3
SSE	.2	.8	.4	1.0	.2	.5	.1					3.2	12.3
S	.2	.1	.3	.4	.3	.1						1.5	12.4
SSW	.1											.1	2.0
SW	.5	.1										.6	2.8
WSW	1.5	1.6	.1									3.2	3.3
W	10.4	3.7	.2									14.3	2.8
WNW	3.4	1.1	.1									4.5	2.9
NW	1.9	.2	.2									2.4	2.9
NNW	.5	.1	.1									.8	3.6
VARIABLE	2.4	.5	.1				.1					3.1	3.5
CALM	////////////////////											45.6	////
TOTALS	24.2	13.5	6.3	5.7	2.1	1.8	.4	.3				100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.2										.2	5.0
NNE	.1	.1	.1									.3	4.7
NE	.4		.2	.1								.8	5.6
ENE	.5	.9	.4	.3								2.2	6.1
E	1.2	1.4	1.6	1.7	.8	.2	.4	.1				7.5	11.2
ESE	1.1	1.3	1.2	.8	1.0	.2	.2	.1				5.8	11.1
SE	.2	1.2	1.3	1.4	.4	.3	.2					5.1	11.6
SSF	.1	.6	1.0	.8	.3	.2						3.0	11.2
S	.4	.2	.6	.6	.5							2.5	10.6
SSW		.1										.1	5.0
SW	.4	.4										.9	3.5
WSW	1.7	1.0										2.7	2.9
W	10.1	4.2										14.3	2.8
WNW	3.0	.9										3.9	2.6
NW	.8	.8	.3									1.8	4.0
NNW	.4	.1										.5	2.6
VARIABLE	1.9	.5	.1				.1					2.7	3.9
CALM	////////////////////////////////////											45.7	////
TOTALS	22.5	14.0	6.9	5.7	3.0	1.0	1.0	.2				100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042023 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2											.2	2.5
NNE	.2	.1	.1	.2								.6	6.8
NF		.3	.4	.1								.9	7.9
ENE	.4	.9	.4	.2								1.9	6.2
E	.8	1.4	1.3	1.6	.4	.2	.1	.5				6.4	12.1
ESE	.2	1.4	.6	.8	.6	.4	.1	.1				4.3	12.2
SE	.3	.2	1.2	1.8	.4	.2	.2					4.4	12.8
SSE		.4	.6	1.1	.5	.3						3.0	13.4
S	.2	.1	.5	.6	.2							1.7	10.3
SSW	.1	.3										.4	3.8
SW	.4	.6		.1								1.2	4.5
WSW	2.3	2.4	.1									4.8	3.5
W	16.7	7.5										24.2	2.9
WNW	3.7	1.5	.2									5.4	3.0
NW	1.1	1.0	.2									2.3	3.6
NNW	.2	.2										.4	3.3
VARIABLE	2.2	1.7	.2		.1			.1				4.3	4.4
CALM	////////////////////											33.5	////
TOTALS	29.0	20.1	6.0	6.6	2.4	1.2	.4	.8				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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	.1	.1										.4	4.5
NNE	.1	.2										.3	4.7
NE		.3	.1	.1								.5	7.4
ENE	.1	.8	1.0	.4	.3							2.6	9.3
E	.1	1.1	1.6	1.4	.1	.5	.3					5.2	12.0
ESE	.1	.3	1.0	1.1	.8	.6	.2	.1				4.2	15.6
SE		.2	1.4	.9	.9	.3	.1	.2				4.0	15.5
SSE	.1	.2	1.0	1.4	.5	.1	.1					3.4	13.2
S		.3	.8	.8								1.8	10.1
SSW		.1										.1	5.0
SW	.9	.9										1.7	3.5
WSW	3.0	1.9	.2									5.2	3.5
W	20.0	16.5	2.2	.3								38.9	3.7
WNW	3.2	4.2	.6									8.1	4.0
NW	.4	1.1	.1									1.6	4.3
NNW	.7											.2	3.0
VARIABLE	2.8	.9	.2									3.9	2.9
CALM	////////////////////											17.9	////
TOTALS	31.2	24.2	10.1	6.3	2.6	1.6	.8	.3				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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	.2										.3	4.0
NNE			.2									.2	9.0
NF		.1	.1									.2	6.5
ENE		.7	.4	.6	.1							1.5	11.1
E		.9	3.0	.8	.5	.5	.3	.1				6.1	12.7
ESE			1.0	1.2	.6	.4	.2					3.4	15.8
SE	.1	.4	1.3	1.6	.8	.8	.5	.1				5.6	15.7
SSE	.1		1.4	1.3	.2	.3	.1					3.4	13.3
S		.1	.6	.9								1.6	10.6
SSW	.2			.1	.1							.4	9.5
SW	.6	.6	.3									1.6	4.5
WSW	2.4	2.2	1.1									5.6	4.3
W	16.5	25.3	2.5	.3								44.6	4.0
WNW	3.8	6.1	.8									10.7	4.1
W	.6	.8	.1									1.5	3.9
NNW	.1	.2										.3	4.3
VARIABLE	1.3	.8	.4									2.5	3.9
CALM	////////////////////											10.3	////
TOTALS	25.8	36.0	13.2	6.8	2.4	2.0	1.2	.2				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042027 STATION NAME: THULE AB GL

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		.1								.2	10.0
NNE		.1		.2								.3	10.7
NE	.1	.2	.2		.1							.6	7.8
NNE	.1	.4	.8	.5	.1							1.9	9.6
E	.3	.8	1.9	2.0	.3	.5	.2	.3				6.5	12.5
ESE	.1	.3	1.1	.6	.9	.1	.2					3.3	14.0
SE	.1	.3	1.3	1.0	.3	.3	.2					3.6	12.9
SSE	.2	.3	.8	1.4	1.2	.4	.2					4.6	14.8
S	.2	.1	.9	.9			.1					1.7	11.3
SSW	.2	.1										.3	2.7
SW	.2	.5	.2	.2								1.2	6.5
WSW	2.6	1.4	.5	.3								5.8	4.4
W	17.4	22.9	3.3	.1								43.7	4.2
WNW	3.9	7.7	.8									12.3	4.2
NW	.5	1.0	.1									1.6	3.9
NNW	.1	.1										.2	3.6
VARIABLE	1.2	.6										1.8	3.2
CALM	////////////////////////////////////											17.1	////
TOTALS	27.4	36.0	11.4	7.4	2.9	1.4	1.0	.3				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(EST): 1900-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	.2									.5	3.6
NNE	.1										.1	1.0
NE		.1	.2								.3	2.2
ENE		.3	1.2		.2						1.7	2.7
E		1.1	1.6	1.2	.5	1.0		.3			5.7	19.1
ESE	.7	1.1	.9	1.0	.5	.3					4.5	11.9
SE	.9	.6	.6	.9	.7	.9					5.7	11.6
SSE	.3	.1	.9	.5	1.7	.8	.2				7.7	17.1
S		.7	1.2	.9	.9	.3					4.5	11.6
SSW	.5	.1									.7	2.7
SW	.3	.7	.1								.7	9.0
WSW	1.1	1.9	.3								3.7	7.1
W	12.9	12.1	1.3								26.3	12.6
WNW	1.1	.7	.3								11.7	8.6
WW	1.1	1.7	.7								3.7	9.2
WSW	.3	.3									.9	9.7
VARIOUS	1.1	.3	.3								1.9	9.9
CAV	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

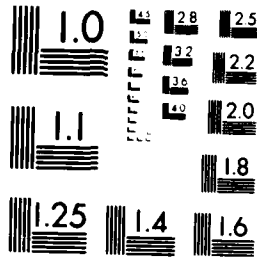
AD-A187 837

INULE AB GREENLAND REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A... 12 MAY 87
USAFETAC/DS-87/824 F/C 4/2

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042023 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.6										1.1	4.1
NNF													
NE	.2	.4	.3	.2								1.2	6.9
NNE	.2	.9	.5	.4	.2							2.3	8.3
E	.4	.8	.9	1.1	.3	.8	.3	.3				4.9	14.8
ESE	.6	.9	1.5	1.0	.8	.1						4.9	9.9
SE	.3	.3	.9	1.4	.8	.4	.3					4.4	14.2
SSE	.1	.2	.4	.4	.5	.3	.3	.1				2.5	17.3
S	.1	.4	1.0	.4	.3	.1						2.4	10.5
SSW	.3		.2									.5	4.4
SW	.3	.6										1.0	3.7
WSW	1.7	1.2	.1									3.0	3.2
W	17.4	7.7	.5									25.6	3.0
WNW	4.9	2.6	.2									7.7	3.1
NW	1.2	.5										1.7	3.0
NNW	.6	.1	.2	.1								1.1	4.5
VARIABLE	1.1	.8										1.8	3.3
CALM	////////////////////////////////////											33.9	////
TOTALS	30.1	18.1	6.8	5.1	2.9	1.7	1.0	.4				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	.2	.0	.0							.4	4.4
NNE	.1	.1	.1	.1							.3	6.4
NE	.1	.2	.2	.1	.0						.6	7.2
ENE	.2	.7	.7	.4	.1						2.0	8.4
E	.5	1.2	1.7	1.4	.4	.5	.2	.3			6.2	12.3
ESE	.4	.8	1.1	1.0	.7	.4	.1	.0			4.5	12.3
SE	.3	.5	1.1	1.3	.6	.4	.2	.0			4.4	13.4
SEF	.2	.3	.8	1.0	.6	.4	.1	.0			3.4	14.1
S	.1	.2	.7	.6	.2	.0	.0				2.0	10.9
SSW	.1	.1	.0	.0	.0						.3	4.8
SW	.5	.5	.1	.0							1.1	4.2
WSW	2.3	1.8	.4	.0							4.5	3.7
W	16.0	13.1	1.3	.1							30.5	3.5
WNW	3.9	3.7	.4								8.0	3.7
NW	1.0	.8	.2								2.0	3.7
NNW	.3	.1	.0	.0							.5	3.8
VARIABLE	1.7	.8	.2		.0	.0	.0	.0			2.8	3.8
CALM	////////////////////										26.6	////
TOTALS	27.9	25.2	8.8	6.0	2.7	1.7	.7	.4			100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 7410

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 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	.5								.6	7.8
NNE	.3		.4								.8	5.7
NE	.3	.5	.4	.1							1.4	6.1
ENE	1.1	1.8	1.0	.3							4.2	5.5
E	5.3	3.2	2.0	1.7	.2						12.5	5.7
ESE	1.8	2.7	1.1	1.5	.4	.5					8.1	8.3
SE	.6	1.5	1.5	1.7	.5	1.1	.1	.1			7.2	12.3
SSE	1.0	.5	1.3	1.6	.9	.3	.2				5.8	11.6
S	.2	.1	.5	.8	.2	.5	.1				2.5	14.5
SSW	.1	.3	.3								.8	5.6
SW	.3	.4	.1								.9	4.1
WSW	1.4	.9									2.3	2.8
W	5.1	1.6	.2								6.9	2.9
WNW	1.7	.4									1.4	3.1
NW	.8										.8	2.0
NNW	.3	.1									.4	2.3
VARIABLE	1.2	.5	.3	.3	.1						2.5	5.6
CALM	////////////////////////////////////										41.2	////
TOTALS	20.8	14.8	9.8	8.1	2.4	2.5	.4	.1			100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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	.4	.1	.1	.3	.1							1.1	7.9
NNE	.3		.1	.1								.5	5.2
NE	.5	.3	.3	.1								1.3	5.3
ENE	2.0	1.2	.6	.5	.2							4.6	5.9
E	4.1	3.9	1.9	1.1	.4							11.4	5.9
ESE	2.4	2.5	1.1	2.0	.5	.3						8.8	8.0
SE	1.3	1.4	1.6	1.6	1.2	.5						7.6	10.6
SSE	.1	.2	1.8	1.5	.5	.4	.1	.1				4.8	13.5
S	.2	.4	.4	.8	.4	.2						2.5	12.7
SSW	.5	.1		.1								.8	4.4
SW	.5	.2										.8	2.6
WSW	1.3	.4	.2									1.9	3.5
W	4.1	2.0	.4									6.6	3.4
WNW	1.2	.3										1.5	2.7
NW	.6											.6	1.3
NNW	.1											.1	1.0
VARIABLE	2.0	1.1	.4	.1								3.7	3.7
CALM	////////////////////											41.4	////
TOTALS	21.8	14.2	9.1	8.3	3.4	1.5	.1	.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: 042020 STATION NAME: THULE AB GL

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		.2								.3	5.7
NNE	.3	.2	.5		.1						1.2	6.4
NE	1.0	.3	.8	.2	.1						2.4	6.4
ENE	1.9	.8	.4	.2	.3						3.7	5.7
E	3.9	1.7	2.5	1.8	.5	.1					10.5	7.1
ESE	1.7	1.9	1.4	1.8	.3	.1					7.3	8.0
SE	.4	.9	1.9	2.2	1.6	.3	.3				7.6	13.2
SSE	.5	.6	1.1	1.0	.3	.6	.1				4.3	12.3
S	.3	.3	.9	.4	.4	.2					2.6	11.4
SSW	.4	.1		.1							.6	4.3
SW	.5										.5	1.8
WSW	1.1	.8			.1						1.9	3.9
W	6.1	3.1	.9								10.1	3.4
WNW	1.8	.4									2.3	2.5
NW	.8	.2									1.0	2.9
NNW	.2	.1									.3	2.3
VARIABLE	1.9	.0	.4	.3							3.5	4.5
CALM	////////////////////////////////////										39.8	////
TOTALS	23.1	12.4	11.0	8.1	3.9	1.4	.4				100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	.4										.8	3.7
NNE		.1	.1									.2	6.5
NE	.3	.2	.8	.2	.2							1.7	8.4
ENE	.1	.4	.6	.4	.1							1.7	8.9
E	.9	1.3	2.2	1.4	.8	.2						6.7	9.7
ESE	.2	1.0	1.4	1.8	.5	.4	.1					5.5	12.0
SE	.4	.6	1.3	2.3	1.3	.8	.2	.3				7.2	15.0
SSE	.3	.1	.9	2.0	.9	.3						4.5	13.4
S	.1	.8	.3	.6	.8	.1						2.7	12.5
SSW	.3											.3	2.0
SW	1.6	.5										2.2	2.9
WSW	4.6	1.5	.3									6.5	3.0
W	14.2	8.2	2.2	.4								24.9	3.7
WNW	1.7	3.2	.5									5.5	4.2
NW	.8	.6										1.4	3.4
NNW	.2	.5										.8	4.1
VARIABLE	1.9	1.2	.5	.3	.1							4.1	5.2
CALM	////////////////////											23.4	////
TOTALS	28.1	20.8	11.1	9.6	4.6	1.8	.3	.3				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.1				.1					.2	15.5
NNE												
NE	.2		.4	.1	.1	.1					1.0	11.1
ENE	.1	.8	.8	1.0	.1	.1					2.8	9.6
E	.9	.8	1.7	1.6	.6	.3					5.9	10.8
ESE		.4	1.7	1.8	.6						4.6	11.8
SE	.3	.5	1.0	3.4	1.8	1.2	.1	.3			8.7	15.8
SSE		.5	2.2	2.0	1.6	.1					6.5	12.9
S		.4	.8	1.0	.6	.3					3.1	13.2
SSW	.2		.2								.4	5.3
SW	1.7	.9	.1								2.7	3.2
WSW	4.9	3.2	.4								8.6	3.4
W	14.8	16.3	3.1	.3							34.6	4.0
WNW	2.5	4.0	1.0								7.4	4.3
NW	.4	1.1	.4								1.9	4.9
NNW	.2	.2	.1								.5	4.4
VARIABLE	.6	.2	.3	.3							1.5	6.6
CALM	////////////////////										9.5	////
TOTALS	27.0	29.5	14.2	11.6	5.6	2.3	.1	.1			100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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		.4	.1								.5	5.6
NNF		.3		.1							.4	6.8
NE		.1	.3	.1							.5	8.8
ENE	.4	.4	.6	.8			.1				2.4	9.2
E	.3	1.2	1.7	1.7	.6	.3	.1				6.0	11.3
ESE	.1	.5	1.3	1.7	.3		.1				4.1	11.3
SE	.1	.5	1.6	3.3	2.2	.5	.6				8.9	15.4
SSE	.2	.5	2.2	2.0	1.6	.5					7.1	13.1
S		.2	.6	1.1	.5						2.5	12.6
SSW	.1	.2	.2	.1							.6	6.7
SW	.5	1.0	.3								1.8	4.3
WSW	4.6	3.4	.9	.1							9.0	3.9
W	13.4	17.2	3.0	.5							34.2	4.2
WNW	2.4	3.5	.2								6.1	4.0
NW	.6	.9	.2								1.7	4.1
NNW	.1	.3									.4	4.3
VARIABLE	.4	1.2	.2	.4							2.3	6.2
CALM	////////////////////////////////////										11.3	////
TOTALS	23.4	32.0	13.5	12.0	5.3	1.4	1.0				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: AUG 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	.5	.2	.1									.9	3.5
NNE		.4										.4	4.5
NE	.1	.6	.4	.1	.1							1.4	7.4
ENE	.4	.5	.1	.4								1.5	7.3
E	.5	.5	2.0	2.2	.6	.1						6.0	10.8
ESE	.3	.8	2.3	1.5	.4	.2	.1					5.6	11.0
SE	.1	1.1	2.0	1.9	1.7	1.0	.2					8.1	14.1
SSE		.3	2.6	2.5	1.1	.4	.1					7.0	13.3
S	.1	.2	.9	.1	.3	.1	.1					1.8	12.0
SSW	.7	.4	.1									.9	4.1
SW	1.0	.8	.1									1.8	3.9
WSW	3.8	2.4	.3									6.5	3.4
W	16.5	11.2	2.5	.1								30.2	3.7
WNW	2.2	3.1	.3									5.6	3.9
NW	.4	.6	.1									1.2	4.1
NNW	.4	.3										.8	3.7
VARIABLE	.5	.6	.3									1.5	4.8
CALM	////////////////////											18.9	////
TOTALS	27.2	24.2	14.2	8.8	4.3	1.8	.5					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042023 STATION NAME: THULE AB GL

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	.3	.1	.3									.8	4.1
NNE		.4	.1									.5	5.6
NE	.1	.2	.8	.1								1.2	7.5
ENE	.9	.9	.5	.3								2.6	5.9
E	1.6	1.6	2.4	1.3	.5	.1						7.5	8.4
ESE	1.1	1.6	2.4	.5	.2	.2						6.0	7.9
SE	1.2	1.1	1.6	1.9	1.2	.4	.1					7.5	11.2
SSE	.5	1.0	1.7	1.9	.8	1.1	.3	.1				7.4	13.9
S	.3	.1	.2	.4	.4	.2						1.7	13.1
SSW	.4	.1	.1									.6	3.2
SW	.9	.8	.1									1.7	3.7
WSW	1.7	1.3	.2									3.2	3.5
W	9.6	6.0	.8									15.4	3.3
WNW	1.7	1.5	.2									3.4	3.5
NW	.9	.8										1.6	3.3
NNW		.2										.2	5.0
VARIABLE	1.5	.6	.2									2.4	3.4
CALM	////////////////////////////////////											36.1	////
TOTALS	21.7	18.3	11.6	6.6	3.1	2.0	.4	.1				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULF AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	.2	.2	.0	.0	.0					.6	5.9
NNE	.1	.2	.2	.0	.0						.5	5.8
NE	.1	.3	.5	.1	.1	.0					1.4	7.3
ENE	.9	.8	.6	.5	.1	.0	.0				2.9	6.9
E	2.2	1.8	2.1	1.6	.6	.1	.0				5.3	8.1
ESE	1.0	1.4	1.6	1.6	.4	.2	.0				4.2	9.4
SE	.6	1.0	1.6	2.3	1.4	.7	.2	.1			7.9	13.5
SSE	.3	.5	1.7	1.8	1.0	.5	.1	.0			5.9	13.0
S	.2	.3	.6	.6	.5	.2	.0				2.4	12.8
SSW	.3	.2	.1	.0							.6	4.6
SW	.9	.6	.1								1.5	3.4
WSW	2.9	1.7	.3	.0	.0						5.0	3.4
W	10.3	8.2	1.6	.2							20.4	3.8
WNW	1.8	2.1	.3								4.2	3.8
NW	.7	.5	.1								1.3	3.6
NNW	.2	.2	.0								.4	3.7
VARIABLE	1.3	.9	.3	.2	.0						2.7	4.8
CALM	////////////////////////////////////										27.7	////
TOTALS	24.1	20.8	11.8	9.1	4.1	1.8	.4	.1			100.0	5.1

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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(EST): 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	.3									.8	5.3
NNE		.1	.3									.4	5.3
NE	1.1	5.4	1.3	.4								6.3	5.8
ENE	3.1	4.8	1.6	.2								7.7	4.7
E	8.3	10.1	3.7	1.3	.2							23.7	5.1
ESE	4.2	5.7	3.4	1.4	.2	.1	.1	.1				15.3	6.6
SE	2.3	2.9	2.0	2.4	.4	.7	.4	.1				11.7	10.1
SSE	.4	.7	.8	1.3	.4	.1	.1					3.9	11.0
S	.6	.8	.4									1.9	4.6
SSW	.1	.1	.1									.3	5.7
SW	.1	.8	.1									1.0	4.6
WSW	.2	.2	.3									.8	5.3
W	.3	.2	.6									1.1	6.1
WNW	.2	.2	.1	.1								.7	6.2
W	.2	.1	.2									.6	4.8
NNW		.2										.2	4.0
VARIABLE	1.4	1.0										2.4	3.4
CALM	////////////////////////////////////											19.3	////
TOTALS	23.0	31.6	15.3	7.3	1.7	.9	.7	.2				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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(151): 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		.8	.2									1.0	5.3
NNE	.3	.1	.4	.2								1.1	7.3
NE	1.0	.7	1.2	.1								5.0	5.3
ENE	2.2	6.3	1.0	.3								9.9	4.8
E	5.7	11.6	4.7	1.1	.8	.1						23.9	5.8
ESE	4.8	6.7	3.2	1.2	1.0	.1	.1	.3				17.4	7.1
SE	1.2	3.0	3.0	1.9	.3	.3	.6					10.3	9.6
SSE	.1	.9	1.4	.7	1.0		.1					4.2	11.3
S	.4	.4	.7									1.6	5.4
SSW													
SW		.1	.3									.4	7.0
WSW		.3	.1									.4	6.0
W	.3	.2	1.0	.3								1.9	7.6
WNW	.3	.1										.4	3.5
NW	.3	.4										.8	4.1
NNW	.1											.1	2.0
VARIABLE	1.9	.8	.2									2.9	3.0
CALM	////////////////////											18.6	////
TOTALS	18.9	34.4	17.6	5.9	3.1	.6	.8	.3				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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: SEP 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	.4	.3			.1						1.0	8.2
NNE	.1	.3	.3	.1		.1						1.0	9.4
NE	1.1	1.8	1.1	.2								4.2	5.3
ENE	1.6	5.1	1.9	.3	.1	.1						9.1	5.9
E	5.1	11.4	5.7	1.2	.2	.2						23.9	5.7
ESE	4.3	5.8	2.4	.9	.6	.3	.3	.3				15.0	7.5
SE	2.6	3.6	1.9	1.9	.3		.1					10.3	7.1
SSE	.2	1.1	1.0	.9	1.0	.1						4.3	11.0
S	.1	.4	.4	.7								1.7	8.7
SSW		.4	.1									.6	6.2
SW	.7	.1	.2									1.0	4.1
WSW	.7	.4	.3									1.4	4.3
W	.6	.3	.6	.2								1.7	6.2
WNW	.2		.1									.3	4.7
NW	.3	.1										.4	2.5
NNW	.2	.3	.1	.1								.6	5.4
VARIABLE	1.6	.7	.1									2.3	3.1
CALM	////////////////////											20.9	////
TOTALS	19.4	32.4	16.7	6.6	2.2	1.0	.4	.3				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	.7	.2	.1								1.1	6.3
NNE	.3	.6	.4	.2		.1						1.7	7.9
NE	1.3	2.1	1.0	.1	.2	.1						4.9	6.2
ENE	1.7	3.3	1.1	.4	.1	.1						6.8	5.8
E	6.2	7.2	2.7	1.1	.1	.2						17.6	5.4
ESE	3.1	4.7	1.4	.9	.9	.9	.3	.1		.2		12.6	9.5
SE	1.1	2.3	2.0	.6	.1	.4	.2					6.8	8.5
SSE	.4	1.1	.9	2.0	.2	.4						5.1	10.4
S	.6	.4	.8	.4								2.2	7.1
SSW	.4	.2										.7	3.3
SW	1.0	.3										1.3	2.8
WSW	1.1	1.0	.1	.1								2.3	3.9
W	1.8	1.0	.3									3.1	3.6
WNW	.4	.1	.6	.1	.1							1.3	7.3
NW		.1		.1								.2	10.0
NNW	.2	.1										.3	2.7
VARIABLE	1.2	1.6	.4									3.2	4.3
CALM	////////////////////////////////////											28.8	////
TOTALS	21.1	26.9	12.0	6.2	1.8	2.3	.6	.1		.2		100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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	.2	.8	.2								1.2	5.0
NNE	.2	.6	.1	.1							1.0	5.9
NE	.4	1.2	.7		.2	.1	.1				2.8	8.0
ENE	1.7	2.4	.8	.8	.4		.1				6.2	7.3
E	4.4	5.9	1.3	1.4	.4	.1	.2	.1	.1		14.1	6.8
ESE	1.9	3.6	2.0	1.4	1.4	.1	.2	.3			11.0	9.6
SE	1.3	2.8	1.2	1.2	.6	.4					7.6	8.5
SSE	.9	.9	.7	.9	.7	.2					4.2	10.2
S	.7	.7	.9	.2							2.4	6.0
SSW	1.0	.2		.1							1.3	3.3
SW	2.0	.6	.1								2.7	2.8
WSW	1.9	.8	.2								2.9	3.3
W	7.6	2.0	.2								9.8	2.8
WNW	1.8	.6		.1							2.4	3.0
NW	.6	.1	.2	.2							1.1	5.7
NNW	.3	.1	.1								.6	3.8
VARIABLE	2.0	1.1	.2								3.3	3.3
CALM	////////////////////////////////////										25.3	////
TOTALS	28.9	24.2	9.0	6.6	3.8	1.0	.7	.4	.1		100.0	4.8

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: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	1.3	.2									1.8	5.2
NNE	.1	.3	.2									.7	5.7
NE	.4	1.8	.8	.1		.1	.1					3.3	7.0
ENE	1.4	2.0	1.4	.4	.2							5.6	6.1
E	4.0	3.8	2.1	1.0	.7	.2	.1					11.9	6.6
ESE	2.4	3.6	1.7	1.3	.2	.4	.1	.3				10.6	8.7
SE	1.2	1.7	1.9	2.7	.6	.3	.2	.1				8.7	10.9
SSE	1.1	.7	.4	1.0	.4	.6						4.2	10.6
S	.7	1.0	1.1	.6								3.3	6.8
SSW	.2	.4	.1	.1								.9	5.5
SW	1.3	.6	.1									2.0	3.0
WSW	3.2	.9	.4									4.6	3.1
W	7.1	3.1	.9									11.1	3.3
WNW	2.0	.9	.4	.1								3.4	3.9
NW	.3	.2	.3	.2								1.1	6.7
NNW	.1	.2	.2									.6	5.2
VARIABLE	1.1	.4	.2									1.8	3.4
CALM	////////////////////											24.6	////
TOTALS	27.1	22.9	12.7	8.0	2.1	1.7	.6	.4				100.0	4.9

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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: SEP 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	.3	.9	.8								2.0	5.8
NNE		.3									.3	4.7
NE	.6	1.3	.6	.2			.1				2.8	6.6
ENE	1.7	2.7	1.3	.3	.1						5.1	5.6
E	3.4	8.2	2.9	.9	.4	.2		.2			16.3	6.5
ESE	2.1	3.8	2.4	2.1	.6	.3	.1				11.4	8.3
SE	2.2	1.7	2.1	2.2	1.0	.7	.1				10.0	10.2
SSE	1.1	.7	1.0	1.7	1.0						5.4	9.8
S	.6	.8	.4	.1	.1						2.0	6.4
SSW		.2	.2	.2							.7	8.5
SW	.8	.3	.1	.1							1.3	4.7
WSW	1.3	.4	.2	.3							2.3	4.9
W	4.4	1.9	.4	.1							6.9	3.4
WNW	.7	.6	.1								1.3	3.9
NW	.7	.4	.1								1.2	3.8
NNW	.2	.1									.7	3.7
VARIABLE	.8	.2	.3								1.7	4.6
CALM	////////////////////////////////////										28.1	////
TOTALS	20.9	24.6	13.1	8.3	3.2	1.7	.3	.2			100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042023 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	.1	.6									1.2	5.3
NNE		.6	.1									.7	6.3
NE	.9	3.0	.7	.9	.1							5.6	6.6
ENE	2.7	4.0	2.0	.1								8.8	4.9
E	6.7	11.0	5.0	1.4	.2	.1	.1					24.6	5.7
ESE	3.1	4.6	3.2	.6	.1	.3	.2	.1				12.2	6.9
SE	1.6	2.1	2.3	2.2	.9	.4	.2	.1				9.9	10.3
SSE	.1	1.0	.7	1.1	.7	.6						4.1	12.9
S	.3	.3	1.0	.2								1.9	7.5
SSW	.1	.1	.1									.3	5.7
SW	.1	.3	.1									.6	5.0
WSW	.3	.4	.3	.2								1.3	6.3
W	2.0	.8	.1	.4								3.3	4.3
WNW	1.2	.3	.2	.1								1.9	4.7
NW	.3		.1									.4	3.3
NNW	.2		.2									.4	6.0
VARIABLE	1.0	.6										1.6	3.1
CALM	////////////////////////////////////											21.2	////
TOTALS	21.2	29.2	16.8	7.3	2.0	1.4	.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: 042020 STATION NAME: THULF AP GL

PERIOD OF RECORD: 77-86
MONTH: SEP 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	56-63		
N	.2	.7	.4	.0		.0						1.3	5.7
NNE	.1		.2	.1		.0						.9	7.2
NE	.9	2.2	.9	.3	.1	.0	.0					4.4	6.2
ENE	2.0	3.8	1.4	.4	.1	.0	.0					7.8	5.5
E	5.5	6.7	3.5	1.2	.4	.2	.1	.0	.0			19.5	5.8
ESE	3.2	4.8	2.5	1.3	.6	.3	.2	.2		.0		13.2	7.9
SE	1.7	2.5	2.1	1.9	.6	.4	.2	.0				9.4	9.4
SSE	.6	.9	.9	1.2	.7	.2	.0					4.4	10.8
S	.5	.6	.7	.3	.0							2.1	6.6
SSW	.2	.2	.1	.1								.6	5.1
SW	.7	.4	.1	.0								1.3	3.6
WSW	1.1	.6	.3	.1								2.0	4.1
W	3.0	1.2	.5	.1								4.9	3.7
WNW	.9	.3	.2	.1	.0							1.5	4.2
NW	.3	.2	.1	.1								.7	5.0
NNW	.2	.1	.1	.0								.4	4.5
VARIABLE	1.4	.8	.2									2.4	3.5
CALM	////////////////////////////////////											23.3	////
TOTALS	22.6	28.3	14.1	7.0	2.5	1.3	.6	.3	.0	.0		100.0	5.1

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: U42010 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS: 11-11:00

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	.5	.3								1.1	8.9
NNE		.2	.1	.1								.4	7.5
NE	.9	2.3	1.0	.3				.1				4.5	6.6
ENE	1.8	5.4	4.2	1.0	.2							12.6	6.5
E	.1	13.0	11.4	1.7	.4	.5	.1	.1				31.4	7.1
ESE	1.0	4.6	9.0	2.5	.5	.2	.2					18.1	8.5
SE	.3	2.5	5.7	1.7	.3	.6						11.2	9.7
SSE	.3	.5	1.2	.8		.3	.4					3.5	12.3
S		.2	.6	.3	.2							1.4	10.3
SSW		.2	.2									.4	7.0
SW		.2	.1	.1	.1							.5	10.2
WSW	.3	.3	.3	.1								1.1	6.5
W	.2	.4	.2	.3								1.2	7.4
WNW	.2	.1	.1									.4	4.5
NW		.1	.1									.2	8.0
NNW	.1											.1	3.0
VARIABLE	.0	1.5	.2	.3								2.8	5.4
CALM	////////////////////											9.0	////
TOTALS	10.1	31.7	35.1	9.6	1.8	1.7	.8	.2				100.0	7.1

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: 042023 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: OCT 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		.2	.3	.1	.1						.8	10.6
NNE	.2	.1	.1	.2							.6	9.0
NE	1.8	2.7	1.8		.2						6.0	5.7
ENE	1.3	5.1	4.6	1.2	.4						12.6	7.3
E	2.3	14.4	11.2	1.8	1.1	.4	.2	.2			31.6	7.6
ESE	.8	4.9	6.9	1.3	.5	.5	.2	.1			15.3	8.8
SE	.3	2.3	6.7	1.9	.6	.3					12.2	9.5
SSE	.3	.5	1.4	.8	.1	.1	.1	.1		.1	3.5	12.0
S		.3	.1	.3	.1						.9	10.1
SSW	.1		.2	.1							.4	8.0
SW	.2	.5	.1								.9	4.5
WSW	.1	.5	.6	.1							1.4	6.8
W	.3	.2	.2	.1							.9	5.9
WNW		.2									.2	6.0
WV			.1								.1	7.0
NNW												
VARIABLE	1.5	1.1	.2	.2							3.0	4.6
CALM	////////////////////////////////////										9.7	////
TOTALS	9.2	32.6	34.6	8.2	3.2	1.4	.5	.4		.1	100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042027 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 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	6.0
NNF		.2	.2	.3								.8	10.1
NE	.9	3.7	1.9	.3	.1							6.9	6.3
ENE	1.5	5.2	3.4	.1	.6	.1						11.0	6.9
E	3.9	11.3	13.7	1.3	.9	.5	.3	.3				32.2	7.8
ESE	1.4	5.8	8.3	1.4	.1	.6	.1					17.7	8.0
SE	1.3	2.8	5.7	1.1	.6	.5				.1		12.2	9.2
SSE		.9	.9	1.0	.3		.1	.3				3.4	12.6
S	.1	.2	.3	.2			.1					1.0	10.6
SSW	.2	.2	.1	.2								.8	7.3
SW	.1	.3	.1									.5	5.0
WSW	.2	.5	.4									1.2	5.9
W	.3	.6	.4	.3								1.7	6.9
WNW			.1									.1	7.0
NW		.1										.1	5.0
NNW													
VARIABLE	1.3	1.4	.7	.2	.1							3.2	5.0
CALM	////////////////////////////////////											7.2	////
TOTALS	11.2	33.3	35.8	6.5	2.8	1.8	.6	.6		.1		100.0	7.3

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: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.1	.2	.1								.4	9.5
NNE		.1	.2	.1								.4	9.8
NE	1.8	2.9	1.1	.1								5.9	5.0
NNE	1.8	5.9	3.2	.5	.4	.2						12.2	6.7
E	3.4	14.4	9.9	1.1	.6	.4	.2	.1				30.2	7.0
ESE	1.1	7.2	7.0	1.4	.2	.4	.1	.1	.1			17.6	8.2
SE	.5	3.0	6.8	2.0	.3	.1		.1		.2		13.1	9.7
SSE	.2	.2	1.0	1.3	.1	.6	.1	.1				3.7	14.2
S	.1	.5	.2	.6			.2					1.7	11.3
SSW	.2	.1	.2	.1								.6	6.7
SW	.1	.1	.1	.3								.6	9.8
WSW	.3	.4	.3									1.1	5.2
W	.5	.2		.2	.1							1.7	6.0
WW			.1		.1							.2	14.0
NW		.1	.1									.2	7.0
NNW													
VARIABLE	1.2	.5	.2		.1							2.0	4.6
CALM	////////////////////////////////////											8.2	////
TOTALS	11.4	36.6	30.6	9.0	2.0	1.8	.6	.4	.1	.2		100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AF GL

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(UT): 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	56-63		
N	.1	.2	.1		.1							.5	7.4
NNE	.1	.1	.3									.5	6.8
NE	1.1	1.8	.9	.3	.1							4.2	5.6
ENE	1.9	6.0	2.6	.2	.4	.1	.2					11.4	6.6
E	3.8	13.5	8.1	1.8	1.2	.5	.3	.1				29.4	7.3
ESE	1.4	3.2	7.6	1.3	.3	.3	.1	.1				19.4	7.7
SE	.9	3.3	6.7	1.4	.3	.3	.1	.1				13.0	8.8
SSE	.2	.4	1.0	1.0	.4	.5		.2	.1			3.9	14.9
S	.4	.3	.3	.2	.1							1.4	7.2
SSW	.2	.3	.1									.6	4.5
SW	.2	.2	.4									.9	6.3
WSW	.3	.8	.7	.2								1.5	6.1
W	.1	.4	.1									.6	4.8
WNW	.1		.7									.4	6.8
NW		.1	.3		.1							.5	9.6
NNW		.1		.1								.2	6.0
VARIABLE	1.4	1.2										2.6	3.4
CALM	////////////////////////////////////											8.9	////
TOTALS	12.0	37.1	29.0	6.6	3.1	1.8	.4	.5	.1			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: 042020 STATION NAME: THULE AP GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N			.1								.1	9.0
NNE	.2	.4	.2								.9	5.5
NE	.5	2.7	1.0	.2							4.4	6.7
NNE	1.5	6.9	3.2	.6	.2		.2				12.7	6.6
E	3.4	15.1	10.1	1.8	.9	.4	.3				32.0	7.2
ESE	1.0	7.1	7.6	1.9	.3	.4	.2	.1			19.7	8.1
SE	.9	2.3	5.6	1.3	.6	.2	.3	.1	.1		11.4	9.9
SSE	.2	.4	1.4	1.2	.2	.5					4.7	12.2
S	.7	.1	.2	.4							1.3	6.7
SSW	.1	.5	.3	.3							1.7	7.3
SW	.2	.4	.3	.1	.1						1.2	7.4
WSW	.1	.2	.1	.1							.7	6.3
W	.7	.1	.1	.1							.8	6.2
WNW	.1		.2								.3	7.3
NW			.1	.2							.3	12.0
NNW			.1								.1	12.0
VARIABLE	1.0	1.2	.1								2.3	4.0
CALM	////////////////////////////////////										8.0	////
TOTALS	2.2	32.5	30.9	6.4	2.4	1.6	1.1	.2	.1		100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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	GE 56		
N		.3	.2	.1								.6	7.2
NNE	.1	.1	.1									.3	4.7
NE	.4	3.5	1.0	.6	.1							5.7	6.7
ENE	.9	6.3	3.4	.6	.3							11.6	6.6
E	3.8	14.7	12.2	1.4	.6	.3	.4					33.4	7.0
ESE	1.2	3.5	11.2	1.8	.3	.2	.5	.3				19.1	9.2
SE	.1	2.3	4.7	2.2	.5	.1	.4	.2				10.5	10.9
SSE	.2	.6	1.1	.4	.3	.6	.2	.2				3.8	14.5
S		1.3	.8	.3	.1							2.5	7.6
SSW	.1	.4	.1									.6	5.5
SW	.2		.2	.2								.6	8.2
WSW	.2		.1	.1								.4	7.0
W		.3	.6	.1								1.1	8.1
WNW		.2										.2	4.5
NW		.2	.1									.3	7.3
NNW	.1	.1	.1									.3	6.3
VARIABLE	1.1	.8	.1									1.9	3.5
CALM	////////////////////////////////////											6.8	////
TOTALS	9.4	34.8	36.0	8.0	2.4	1.3	1.6	.8				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOHAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042023 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(EST): 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	.2	.1							.5	7.8
NNE		.1		.1							.2	9.0
NE	.4	3.1	1.5		.2						5.3	6.2
ENE	1.0	5.9	2.5	.3	.3	.1					10.1	6.5
E	3.5	13.5	11.5	1.4	.4		.3				30.9	6.9
ESE	1.7	6.1	9.9	2.2	.3	.1	.6	.1			21.1	8.4
SE	.5	2.0	5.4	2.5	.5	.2	.6	.3			12.2	11.1
SSE	.2	.5	1.5	.6	.5	.2	.4				4.1	12.9
S	.3	.6	.9	.2	.1						2.2	7.6
SSW	.1	.2									.3	4.0
SW	.1	.3	.5	.3							1.3	9.2
WSW	.2		.2								.4	5.3
W	.2	.2	.4	.3							1.2	7.7
NNW			.1								.1	9.0
NW	.1	.1	.1	.1							.4	7.0
NNW		.1	.1	.1							.3	9.0
VARIABLE	.5	1.0	.1			.1					1.8	5.1
CALM	////////////////////////////////////										7.7	////
TOTALS	9.1	34.2	34.9	8.3	2.5	.8	2.0	.4			100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOHAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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	.0	.2	.2	.1	.0							.5	8.6
NNE	.1	.2	.2	.1								.5	7.6
NE	1.0	2.8	1.3	.2	.1			.0				5.4	6.0
ENE	1.5	5.8	3.4	.6	.4	.1	.1					11.8	6.7
E	3.5	13.7	11.0	1.5	.8	.4	.3	.1				31.4	7.2
ESE	1.2	5.9	8.4	1.7	.3	.4	.3	.1	.0			18.4	8.4
SE	.6	2.6	5.9	1.8	.5	.3	.2	.1	.0	.0		12.0	9.8
SSE	.2	.5	1.2	.9	.3	.4	.2	.1	.0	.0		3.7	13.3
S	.2	.5	.4	.3	.1		.0					1.5	8.9
SSW	.1	.3	.2	.1								.6	6.5
SW	.1	.3	.2	.1	.0							.8	7.4
WSW	.2	.4	.3	.1								1.0	6.2
W	.3	.4	.3	.2	.0							1.1	6.8
WNW	.1	.1	.1		.0							.3	6.9
NW	.0	.1	.1	.0	.0							.3	8.4
NNW	.0	.0	.0	.0								.1	7.2
VARIABLE	1.1	1.1	.1	.1	.0	.0						2.5	4.5
CALM	////////////////////////////////////										8.2	////	
TOTALS	10.2	34.7	33.4	7.9	2.5	1.5	1.0	.5	.0	.1		100.0	7.2

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: 042023 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N												
NNE			.3								.3	8.3
NE	1.0	2.4	.9	.2	.1	.1					4.8	6.1
ENE	2.2	7.1	3.8	.6	.1		.1	.1			14.0	6.4
E	2.3	12.0	15.2	1.4	.6	.3	.1		.1		33.0	7.3
ESE	1.6	3.7	7.6	2.2	1.0	.1	.1	.2			16.4	9.0
SE	.9	3.3	5.6	1.6	1.3	.4	.7	.3			14.1	10.8
SSE	.1	1.1	.8	1.0	.1	.3	.1				3.6	11.6
S	.2	.3	.1	.4	.1	.1					1.3	10.5
SSW	.1	.1									.2	3.0
SW	.1	.1	.2								.4	6.5
WSW		.1	.3								.4	7.5
W	.3	.4	.2	.1							1.1	5.3
WNW	.1		.1	.1							.3	7.7
NW				.1							.1	12.0
NNW												
VARIABLE	1.2	1.3	.2								2.8	3.7
CALM	////////////////////////////////////										7.0	////
TOTALS	10.2	33.0	35.3	7.8	3.3	1.4	1.1	.7	.1		100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: NOV 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	.2										.2	2.0
NNE												
NE	.4	2.7	.7	.8	.1						4.7	6.8
ENE	2.6	6.7	3.0	.2	.1	.1	.1				14.8	5.8
E	2.3	13.0	13.9	2.4	.3	.3		.3			32.7	7.5
ESE	.9	6.1	8.3	2.1	.3	.2	.1	.3			18.4	8.6
SE	.4	3.1	4.6	1.1	1.1	.4	.2	.8	.1		11.9	11.9
SSE	.6	.8	1.0	.8	.3	.3	.6				4.3	12.7
S		.2	.1	.3							.7	9.7
SSW	.2	.1	.1								.4	4.8
SW	.1	.2	.1	.3							.8	8.0
WSW	.1	.4		.1							.7	6.2
W	.1	.4	.2	.1	.1						1.0	7.9
WNW			.2	.1							.3	10.3
NW	.1										.1	2.0
NNW	.1										.1	2.0
VARIABLE	1.3	.7	.1	.1							2.2	3.8
CALM	////////////////////////////////////										6.7	////
TOTALS	9.6	36.4	32.7	8.6	2.4	1.4	1.0	1.4	.1		100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): 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												
NNE	.1										.1	2.0
NE	.7	3.1	1.0	.1							4.9	5.2
ENE	2.1	6.1	3.9	.2							12.4	5.7
E	2.9	12.4	14.3	2.1	.8	.1		.1	.1		32.7	7.4
ESE	1.1	5.9	9.4	1.6	1.0	.1	.4	.2		.1	19.8	9.1
SE	.4	3.3	4.7	1.3	1.0	.6		.4			11.8	10.4
SSE		.9	1.1	.6	.1	1.1	.2		.1		4.1	15.1
S	.1	.2	.4	.2							1.0	7.8
SSW	.2	.1	.2	.1							.7	6.5
SW	.2	.3	.3								.2	5.0
WSW	.3	.2									.6	3.6
W	.4	.2	.2								.9	4.5
WNW			.1								.1	10.0
NW			.2								.2	7.5
NNW			.1								.1	7.0
VARIABLE	.7	.8	.7								2.1	4.7
CALM	////////////////////										7.6	////
TOTALS	9.4	33.6	36.6	6.2	2.9	1.9	.7	.8	.2	.1	100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 598

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(ELST): 0200-1100

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	56		
N	.1											.1	2.0
NNE		.2	.4	.1								.4	6.9
NE	.7	2.0	.7	.3	.2							3.9	6.3
ENE	2.0	7.0	4.2	.2	.2							13.7	6.0
E	2.1	11.6	13.2	1.3	.6	.4	.1		.1			29.4	7.6
ESE	.7	6.0	8.6	1.3	.3	.2	.2		.1			17.4	8.2
SE	.2	4.6	4.2	1.6	1.0	.9	.3		.1			17.4	10.6
SSE		.7	1.0	.8	.7	.1			.1			3.3	12.6
S	.3	.6				.2						1.1	9.4
SSW		.1	.1		.1							.2	13.3
SW	.1	.4	.1									.2	4.8
WSW	.3	.4	.2	.3								1.3	6.2
W	.4	.2	.2									.4	4.9
WNW													
Nw		.1		.1								.2	7.5
NNW			.2									.2	8.5
VARIABLE	1.0	.8	.3	.3			.1	.1				2.6	7.4
CALM	////////////////////											11.1	////
TOTALS	8.0	34.7	33.6	6.3	3.1	1.9	.8	.1	.4			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 903

GLOBAL CLIMATOLOGY BRANCH
USAFELTAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042027 STATION NAME: THULE AB GL

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	.2								.3	8.3
NNE				.1							.1	14.0
NE	.9	.2	.4	.4	.3						4.3	6.7
ENE	1.2	2.1	3.7	.3	.1	.1					12.6	6.2
E	2.6	12.3	13.4	1.7	.9	.2					31.1	7.1
ESE	.6	4.0	9.8	1.8	.4	.2	.1				16.9	8.5
SE	.4	3.0	5.8	1.4	.9	.8	.4	.4			13.2	11.7
SSE	.1	1.3	1.7	.8	.2						4.1	9.7
S	.2	.1	.1	.2	.1	.1					.9	11.1
SSW			.1								.1	10.0
SW	.1	.2	.1	.1							.6	6.2
WSW			.2								.2	8.0
W	.2	.8	.2	.1							1.3	5.8
WNW		.1	.1	.1							.3	7.3
NW		.6									.6	4.2
NNW	.2										.2	2.0
VARIABLE	1.4	.7	.2	.2							2.6	4.3
CALM	////////////////////										10.6	////
TOTAL*	8.0	32.6	36.1	7.3	3.0	1.4	.6	.4			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042023 STATION NAME: THULF AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N												
NNE	.1	.1	.1		.1						.4	9.0
NF	.5	3.2	1.1								4.7	5.5
ENE	2.1	5.2	4.8	.4	.2						12.8	6.4
E	2.6	12.3	13.8	3.1	1.1	.1					32.0	7.6
ESE	1.0	4.8	6.9	2.4	.2			.3		.2	15.9	5.9
SE	.4	2.1	3.8	1.8	.3		.9	.1		.1	9.6	11.6
SSE	.1	1.1	1.3	.6	.3	.2		.1			3.8	10.3
S	.3	.4	.4		.1	.1					1.4	5.0
SSW	.2	.4	.1								.8	4.6
SW	.2										.2	2.0
WSW	.1	.2	.1	.2							.7	7.3
W	.2	.2	.4	.2							1.1	7.1
WNW	.1	.2		.2							.6	7.4
NW												
NNW	.1	.1	.1								.3	5.7
VARIABLE	1.9	1.4	.2	.3	.3	.1					4.3	5.9
CALM	////////////////////										10.4	////
TOTALS	2.9	32.0	33.2	9.3	2.8	.6	.9	.6		.3	100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 260

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N				.1							.1	15.0
NNE		.1	.1								.2	7.0
NE	.2	2.7	.8	.2							5.9	6.2
ENE	1.8	6.7	4.2	.4							13.1	6.0
E	2.6	10.9	15.6	2.0	1.0	.1					32.3	7.4
ESE	1.2	3.4	7.3	2.6	.4	.1		.2	.1		15.4	9.2
SE	.9	3.6	3.8	1.1	.4	.3	.4	.3			10.9	10.2
SSE	.2	.9	1.8	1.1	.4	.3	.1				4.9	11.5
S	.2	.8	.7	.6	.2						2.4	9.4
SSW		.1	.2	.2							.6	9.2
SW	.1	.1	.2								.4	6.3
WSW	.2	.3									.6	4.2
W	.6	.3	.1								1.0	3.8
WNW												
WW												
NNW												
VARIABLE	1.3	1.2	.6	.4							3.6	5.8
CALM	////////////////////////////////////										10.6	////
TOTALS	9.3	31.1	35.6	6.8	2.6	.9	.6	.6	.1		100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): 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								.2	9.0
NNE			.1									.1	8.0
NE	.9	2.6	1.2	.1								4.8	5.6
ENE	.6	7.6	3.1	.7	.2	.2						12.3	6.8
E	2.8	12.9	14.8	1.7	.4	.3	.1					33.0	7.2
ESE	.9	4.7	9.2	1.3	.3	.1		.3				16.9	8.5
SE	.3	3.3	2.9	2.1	.3	.9	.6	.1	.1			10.7	11.7
SSE	.3	.7	1.1	.4	.4	.3		.1				3.4	11.5
S	.2	.2	.6	.2	.1	.2						1.6	10.6
SSW	.1	.1										.2	4.0
SW	.2	.2										.4	4.0
WSW	.1	.4	.1	.2								.9	6.4
W	.4	.4		.2	.1							1.2	6.6
WNW		.2										.2	5.0
NW	.1			.1								.2	7.5
NNW		.1										.1	5.0
VARIABLE	2.1	.9	.4									3.4	3.8
CALM	////////////////////////////////////											10.2	////
TOTALS	9.2	34.3	33.6	7.2	2.0	2.1	.7	.6	.1			100.0	7.1

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: 042023 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: NOV 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	.0	.0	.0								.1	7.1
NNE	.0	.1	.1	.0	.0							.3	4.5
NE	.5	2.6	.8	.3	.1	.0						4.5	6.0
ENE	1.8	6.9	3.8	.4	.1	.1	.0	.0				13.2	6.2
E	2.5	12.3	14.3	2.0	.7	.3	.0	.1	.0			32.2	7.4
ESE	1.0	4.8	8.4	1.9	.5	.1	.1	.2	.0	.0		17.2	8.7
SE	.5	3.3	4.4	1.5	.8	.5	.4	.3	.0	.0		11.9	11.0
SSE	.2	.9	1.2	.8	.3	.3	.1	.0	.0			5.2	11.8
S	.2	.4	.5	.3	.1	.1						1.3	5.4
SSW	.1	.1	.1	.0	.0							.4	6.4
SW	.2	.2	.1	.1								.6	5.7
WSW	.2	.3	.1	.1								.7	6.1
W	.1	.4	.2	.1	.0							1.1	5.8
WNW	.0	.1	.1	.1								.2	7.8
NW	.0	.1	.0	.0								.2	6.2
NNW	.1	.0	.1									.1	5.2
VARIABLE	1.4	1.0	.3	.2	.0	.0	.0	.0				2.9	5.0
CALM	////////////////////											9.3	////
TOTALS	9.2	33.5	34.5	7.7	2.8	1.5	.8	.6	.1	.1		100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 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									.4	3.3
NNE	.1	.2		.1							.6	5.0
NE	.8	1.8	1.0	.1	.3						4.2	6.5
NNE	1.2	6.7	5.7	.8	.1	.2					14.6	6.8
E	3.1	11.5	13.0	1.9	.5	.3					30.4	7.2
ESE	.9	4.4	7.4	1.9	.4	.6					15.6	8.6
SE	.6	4.4	4.3	.9	.3	.5	.5		.1	.1	11.8	9.8
SSE	.2	1.0	.5	.5	.6	.5	.2				3.7	13.1
S	.1	.1	.2	.5	.2	.5					1.7	15.9
SSW	.1	.3		.4							.9	8.9
SW	.2	.3									.5	3.2
WSW	.1	.3		.3							1.0	5.8
W	.2	.9	.1								1.2	4.4
WNW	.1	.1	.1								.3	5.3
NW	.1	.4	.1								.6	5.2
NNW	.1	.3									.4	4.5
VARIABLE	.9	1.9	.2	.2	.1	.1					3.7	6.9
CALM	////////////////////////////////////										8.5	////
TOTALS	9.2	34.9	32.8	7.7	2.9	2.9	.8		.1	.1	100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
DTAF/AFAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042023 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-P6
MONTH: DEC HOURS(IST): 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										.1	2.0
NNE	.1	.2									.3	4.0
NE	.5	2.2	1.3	.2							4.2	6.1
NNE	1.1	7.3	4.1	.4	.8	.2					13.9	7.1
E	2.3	11.5	13.5	1.9	.8	.3		.1			28.4	7.5
ESE	1.0	6.3	7.0	1.3	.3	.5	.1				16.6	7.5
SE	1.5	3.5	4.0	1.2	.8	.3	.2				11.5	8.5
SSE	.1	1.8	.9	1.1	.4	.3	.1	.1			4.8	11.7
S	.1	.2	.4	.9	.5	.3					2.5	13.9
SSW		.1		.1	.1						.2	11.7
SW	.1		.1								.2	4.5
WSW	.1	.2	.1								.6	4.7
W	.4	.3	.2								1.0	4.8
WNW	.1	.2									.3	4.0
NW	.1		.2								.3	6.3
NNW	.1	.1	.1								.3	6.5
VARIABLE	1.0	.9	.1			.1					2.7	4.2
CALC	////////////////////////////////////										9.9	////
TOTALS	9.6	34.9	32.0	7.1	3.7	2.2	.4	.2			100.0	7.0

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: 042023 STATION NAME: THULF AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	.1										.2	3.0
NNE	.1	.3										.4	4.0
NE	1.1	2.6	.6	.5	.2	.1						5.2	6.7
ENE	1.4	5.3	4.0	.6	.8	.3			.1	.1		12.6	7.9
E	3.2	11.8	14.9	2.7	.2				.1			33.0	7.2
ESE	1.0	6.0	8.0	1.0	.2	.2	.1					16.5	7.6
SE	1.5	2.6	3.4	1.0	1.3	.3	.3	.1	.3			10.9	11.0
SSE	.1	1.0	.6	.9	.5		.1					3.2	10.9
S		.1	.6	.8	1.0	.2						2.7	14.7
SSW		.2										.2	6.0
SW		.3										.3	4.0
WSW	.1	.1										.2	3.0
W	.2	.3										.5	3.2
WNW	.1	.2	.3									.6	6.3
NW	.2	.5										.9	4.0
NNW		.1	.1									.2	7.0
VARIABLE	1.5	1.4	.4									3.3	4.1
CALM	////////////////////											9.0	////
TOTALS	10.8	33.0	33.1	7.4	4.2	1.2	.5	.1	.5	.1		100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: DEC 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	.1	.1										.2	3.5
NNE	.1	.1		.1								.3	6.3
NE	1.2	2.2	1.0	.2	.1	.1						4.7	6.0
ENE	1.0	6.0	4.5	1.1	.4	.1						13.1	7.2
E	1.8	13.7	13.0	1.9	.8	.1						31.3	7.1
ESL	1.5	5.8	8.4	2.0	.6	.3	.1					18.8	8.0
SE	2.2	4.1	2.8	.9	.4	.5	.6			.1		11.6	9.3
SSE	.4	.9	1.1	1.4	.8	.1				.2		4.8	12.1
S	.3	.1	.5	.1	.2							1.3	9.5
SSW			.1									.1	10.0
SW		.3	.1									.4	6.0
WSW	.2	.4		.1								.8	5.1
W	.1	.8		.1								1.0	4.8
WNW	.1	.1										.2	3.5
NW	.1	.4										.5	4.0
NNW													
VARIABLE	1.5	.8	1.0	.2								5.4	5.0
CALM	////////////////////////////////////											7.3	////
TOTALS	10.6	35.7	32.5	6.2	3.3	1.3	.8		.3			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N													
NNE	.1			.1								.2	9.0
NE	1.1	2.3	1.0									4.3	5.0
ENE	2.8	5.7	4.5	.4	.1	.3						13.9	6.5
E	3.1	11.9	14.6	1.8	.8	.3						32.6	7.3
ESE	1.7	6.5	7.1	1.5	.4	.2						17.4	7.4
SE	1.2	4.2	3.3	.9	.6	.4	.1	.4		.1		11.3	9.8
SSE	.1	1.0	1.5	.9	.5	.1	.1					4.2	10.7
S	.1	.2	.5	.4				.1				1.4	11.9
SSW	.2	.1	.1	.1								.5	6.4
SW			.1									.1	10.0
WSW		.2	.1									.3	5.3
W	.2	.6	.1									1.0	4.8
WNW	.1	.3										.4	4.0
NW	.2	.1		.1								.4	5.8
NNW		.1										.1	5.0
VARIABLE	1.5	1.8	.5	.2								4.1	4.8
CALM	////////////////////////////////////											7.7	////
TOTALS	12.5	35.1	33.5	6.5	2.5	1.4	.2	.5		.1		100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	.1										.2	3.5
NNE			.1									.1	8.0
NE	1.1	2.8	.5	.3	.1							4.8	5.9
ENE	1.8	6.2	4.5	.8	.2							13.5	6.3
E	3.2	12.9	13.5	2.3	.9							32.8	7.1
ESE	1.4	4.8	7.8	2.0	.9	.2						17.2	8.4
SE	1.0	3.8	2.9	.8	1.0	.4	.4					10.2	9.6
SSE	.3	1.2	.9	1.0	.2	.2	.1					3.9	9.8
S	.1	.2	.3	.2	.1							1.0	9.7
SSW		.3	.2	.2								.8	8.0
SW	.1	.2	.1									.4	5.8
WSW	.1	.3										.4	5.0
W	.3	.5	.1									1.0	4.6
WNW	.2	.2										.4	2.8
NW													
NNW	.2	.1	.1									.4	4.8
VARIABLE	2.9	1.4	.2	.3		.1						4.9	4.3
CALM	////////////////////////////////////											7.8	////
TOTALS	12.9	35.2	31.4	7.8	3.3	1.0	.5					100.0	6.8

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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: DEC 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									.2	6.5
NNE		.1	.1									.2	7.0
NE	.3	2.3	1.0	.2	.1							3.9	6.6
ENE	1.3	8.0	4.7	.6								14.6	6.1
E	3.0	13.3	12.6	2.6		.1						31.6	6.7
ESE	1.0	5.6	7.8	2.2	.4	.2	.3					17.4	8.5
SE	1.1	4.3	1.9	1.1	.6	.2	.6					9.9	9.0
SESE	.1	.1	.8	.9	.5	1.0	.2					3.4	16.7
S	.1		.3	.5								1.0	9.7
SSW		.2	.1									.3	6.3
SW		.3	.3									.6	7.0
WSW	.2	.1										.3	7.7
W	.1	.3	.4	.1	.1							1.1	8.0
WNW	.1	.3	.5									1.0	6.7
NW			.1									.1	9.0
NNW		.2										.2	6.0
VARIABLE	2.6	1.4	.5	.3		.1						5.0	4.8
CALM	////////////////////											9.0	////
TOTALS	9.9	36.7	31.3	8.4	1.8	1.6	1.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 529

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	.2										.3	3.7
NNE	.1		.1									.2	4.0
NE	1.0	2.9	.3	.1	.2							4.5	5.7
NNE	1.3	6.9	4.2	.4	.1	.3						13.3	6.6
E	2.0	12.3	12.7	1.7	.4	.2						29.4	7.1
ESE	1.4	4.2	8.3	1.2	.4	.3	.1	.1				16.1	8.3
SE	1.0	4.4	2.6	1.1	.8		1.1	.5				11.7	11.2
SSE	.2	.8	.9	.4	.4	.2	.2					3.8	14.0
S	.1	.2	.4	.4			.2					1.4	12.6
SSW		.3	.1									.4	5.5
SW	.1	.2										.3	4.7
WSW	.4	.4	.1									1.0	3.7
W	.1	.1	.5	.1								.2	8.0
WNW		.4										.4	5.0
NW		.1	.1									.2	7.5
NNW		.1										.1	5.0
VARIABLE	3.0	2.8	.5	.2	.3	.1						7.0	5.2
CALM	////////////////////////////////////											9.0	////
TOTALS	10.2	36.5	31.2	5.7	2.7	1.8	1.6	.5				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 967

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042027 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS/EST: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.1	.0								.2	3.7
NNE	.1	.1	.0	.0							.2	5.4
NE	.9	2.4	.8	.2	.1	.0					4.5	6.1
ENE	1.5	6.5	4.5	.6	.3	.2			.0	.0	13.7	6.8
E	2.7	12.4	13.5	2.1	.5	.2		.0	.0		31.5	7.7
ESE	1.2	5.5	7.7	1.6	.5	.3	.1	.0			16.9	6.1
SE	1.5	3.9	3.2	1.0	.7	.3	.5	.1	.1	.0	11.1	6.8
SSE	.2	1.0	.9	.9	.5	.4	.1	.0	.0		4.0	11.2
S	.1	.1	.4	.5	.3	.2	.0	.0			1.8	12.9
SSW	.0	.2	.1	.1	.0						.4	7.8
SW	.1	.2	.1								.4	5.4
WSW	.2	.3	.0	.1							.6	4.7
W	.2	.5	.2	.0	.0						.9	5.4
WNW	.1	.2	.1								.6	5.1
W	.1	.2	.1	.0							.4	5.1
NNW	.1	.1	.0								.2	5.4
VARIABLE	1.9	1.5	.5	.2	.1	.1					4.7	4.9
CALM	////////////////////										4.5	////
TOTALS	30.8	35.2	32.2	7.4	3.1	1.7	.8	.2	.1	.0	100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 7436

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

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

STATION NUMBER: 042023 STATION NAME: THULE AB GL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.2	.1	.0	.0	.0	.0				.4	5.8
NNE	.1	.2	.1	.1	.0	.0					.4	6.4
NE	.7	1.6	.7	.2	.1	.0	.0	.0			3.1	5.9
ENE	1.7	4.7	2.2	.4	.1	.1	.0	.0	.0	.0	9.1	5.9
E	4.1	10.3	6.4	1.4	.4	.2	.1	.1	.0		27.6	6.6
ESE	1.5	4.0	3.8	1.3	.5	.3	.1	.1	.0	.0	11.6	8.4
SE	.7	1.8	2.3	1.5	.8	.5	.3	.1	.0	.0	7.9	11.4
SSE	.3	.5	.9	1.1	.6	.4	.2	.7	.0	.0	4.0	17.3
S	.2	.3	.5	.5	.2	.1	.0	.0			1.9	10.6
SSW	.2	.1	.1	.0	.0	.0					.4	5.6
SW	.4	.3	.1	.0	.0						.4	4.1
WSW	1.3	.7	.2	.0	.0						2.3	3.6
W	5.1	4.1	.6	.1	.0	.0					10.2	3.8
WNW	1.2	1.2	.2	.0	.0					.0	2.6	3.4
W	.4	.3	.1	.0	.0						.4	4.0
NNW	.2	.1	.0	.0							.4	4.1
VARIABLE	1.9	1.1	.3	.1	.0	.0	.0	.0			3.3	4.1
CALM	////////////////////////////////////										17.3	////
TOTALS	20.0	31.4	19.3	6.7	2.7	1.6	.7	.3	.1	.0	100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 87612

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

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

CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 7-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	.1	.1	.0								.3	4.5
NNE	.1	.1	.0	.0								.2	5.9
NE	.3	.3	.2	.2	.1							1.0	7.0
ENE	.9	.9	.5	.4	.3	.2		.0				3.2	8.7
E	2.1	2.4	1.4	.8	.7	.8	.2	.1	.0			8.6	9.5
ESE	1.0	1.4	1.0	.9	1.0	1.2	.5	.0				7.3	14.1
SE	.5	.4	.7	1.5	1.6	1.6	.8	.3	.1			7.6	18.3
SSE	.3	.3	.4	.9	1.0	1.1	.5	.1	.0			4.6	18.3
S	.1	.2	.4	.6	.2	.2	.0	.0				1.6	17.2
SSW	.1	.2	.2	.1								.7	6.6
SW	.5	.6	.2	.2								1.5	5.3
WSW	2.4	1.2	.7	.1								4.0	3.8
W	10.7	6.4	1.0	.3	.0	.0						21.3	7.0
WNW	3.2	2.8	.4	.0	.0					.0		6.5	3.8
NW	1.0	.6	.1	.0								1.7	3.6
NNW	.4	.2	.1									.7	3.7
VARIABLE	1.6	.6	.3	.7	.0	.1		.0				2.9	5.0
CALM	////////////////////											26.3	////
TOTALS	25.4	26.7	8.0	6.7	5.0	5.2	2.1	.7	.2	.0		100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 6426

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	DDDDDD
PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	DDDDDD
PP PP	AA AA	RR RR	II	DD DD
PP PP	AA AA	RR RR	II	DD DD
PPPPPPPP	AA AA	RRRRRRRR	II	DD DD
PPPPPPPP	AAAAA AAAAA	RRRRRRRR	II	DD DD
PP	AAAAA AAAAA	RR RR	II	DD DD
PP	AA AA	RR RR	II	DD DD
PP	AA AA	RR RR	II	DD DD
PP	AA AA	RR RR	II	DD DD

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 1948, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

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

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

SKY COVER SUMMARY

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

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

ALSO PRESENTED ARE MEAN SKY COVERS.

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(EST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GF 5	GF 4	GE 3	GE 2	GF 1 1/2	GF 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GF 5/16	GF 1/4	GF 0	
NO CEIL																
GE 20000																
GF 18000																
GF 16000																
GE 14000																
GE 12000																
GF 10000																
GF 9000																
GF 8000																
GE 7000																
GF 6000																
GE 5000																
GF 4500																
GF 4000																
GF 3500																
GF 3000																
GE 2500																
GE 2000																
GF 1800																
GF 1500																
GF 1200																
GF 1000																
GF 900																
GF 800																
GF 700																
GF 600																
GF 500																
GF 400																
GF 300																
GF 200																
GF 100																
GF 0																

TOTAL NUMBER OF OBSERVATIONS: 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(UT): 0700-0900

CEILING	VISIBILITY IN STATUTE MILES																
	10 FEET	GL 10	GE 6	GE 5	GE 4	GL 3	GE 2 1/2	GL 2	GE 1 1/2	GE 1 1/4	GE 1	GL 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				88.3	89.9	90.5	90.7	91.2	91.5	91.5	92.2	92.2	92.2	92.4	92.5	92.9	93.0
GE 4500				88.6	90.2	90.9	91.1	91.5	91.9	91.9	92.5	92.5	92.5	92.6	92.9	93.2	93.3
GE 4000				89.4	91.4	92.1	92.3	92.9	93.1	93.1	93.8	93.9	93.8	94.0	94.1	94.4	94.5
GE 3500				89.7	91.8	92.4	92.6	93.1	93.4	93.4	94.1	94.1	94.1	94.3	94.4	94.6	94.6
GE 3000				89.7	92.1	92.8	93.0	93.4	93.6	93.8	94.4	94.4	94.4	94.6	95.0	95.3	95.5
GE 2500				89.9	92.2	92.9	93.1	93.5	93.9	93.9	94.5	94.5	94.5	94.9	95.2	95.5	95.6
GE 2000				90.3	92.6	93.3	93.5	94.0	94.3	94.3	95.0	95.0	95.0	95.3	95.7	96.0	96.2
GE 1800				90.3	92.6	93.3	93.5	94.0	94.3	94.3	95.0	95.0	95.0	95.3	95.7	96.0	96.2
GE 1500				90.6	93.0	93.6	93.9	94.3	94.6	94.6	95.3	95.3	95.3	95.7	96.0	96.3	96.5
GE 1200				90.6	93.0	93.6	93.9	94.3	94.6	94.6	95.3	95.3	95.3	95.7	96.0	96.3	96.5
GE 1000				91.0	93.3	94.0	94.2	94.6	95.0	95.0	95.9	96.0	96.0	96.3	96.7	97.0	97.2
GE 900				91.0	93.3	94.0	94.2	94.6	95.0	95.0	95.9	96.0	96.0	96.3	96.7	97.0	97.2
GE 800				91.0	93.3	94.0	94.2	94.6	95.0	95.0	95.9	96.1	96.1	96.4	96.8	97.1	97.3
GE 700				91.0	93.3	94.0	94.2	94.6	95.0	95.0	95.9	96.1	96.1	96.4	96.8	97.1	97.3
GE 600				91.0	93.3	94.0	94.2	94.6	95.0	95.0	95.9	96.1	96.1	96.4	96.8	97.2	97.4
GE 500				91.0	93.3	94.1	94.3	94.8	95.2	95.2	96.1	96.3	96.3	96.9	97.3	97.7	97.9
GE 400				91.1	93.4	94.2	94.4	94.9	95.3	95.3	96.2	96.4	96.4	97.0	97.4	97.8	98.0
GE 300				91.2	93.5	94.3	94.5	95.0	95.4	95.4	96.3	96.5	96.5	97.2	97.7	98.3	98.6
GE 200				91.2	93.5	94.3	94.5	95.0	95.4	95.4	96.3	96.5	96.5	97.3	97.9	98.6	99.1
GE 100				91.2	93.5	94.3	94.5	95.0	95.4	95.4	96.3	96.5	96.5	97.3	97.8	98.6	99.4
GE 0				91.2	93.5	94.3	94.5	95.0	95.4	95.4	96.3	96.5	96.5	97.3	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 697

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

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

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CELL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																

TOTAL NUMBER OF OBSERVATIONS: 492

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GF 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000		36.4	87.9	89.4	90.4	90.4	90.4	90.9	91.3	91.5	91.6	91.7	91.7	92.0	92.1	
GE 4500		46.4	87.9	89.4	90.4	90.4	90.4	90.9	91.3	91.5	91.6	91.7	91.7	92.0	92.1	
GE 4000		87.2	88.9	90.4	91.0	91.4	91.9	91.9	92.3	92.5	92.6	92.7	92.7	93.0	93.1	
GE 3500		88.0	89.7	91.2	91.7	92.2	92.6	92.6	93.1	93.3	93.4	93.5	93.5	93.7	93.8	
GE 3000		88.8	90.5	92.5	93.1	93.7	94.2	94.2	94.6	94.8	94.9	95.0	95.0	95.3	95.4	
GE 2500		89.2	91.0	93.0	93.5	94.2	94.6	94.6	95.0	95.3	95.4	95.5	95.5	95.7	95.8	
GE 2000		89.5	91.3	93.3	93.8	94.6	95.0	95.0	95.5	95.7	95.8	95.9	95.9	96.1	96.3	
GE 1800		89.5	91.3	93.3	93.8	94.6	95.0	95.0	95.5	95.7	95.8	95.9	95.9	96.1	96.3	
GE 1500		89.7	91.4	93.4	93.9	94.7	95.2	95.2	95.6	95.8	95.9	96.0	96.0	96.3	96.4	
GE 1000		90.3	92.1	94.1	94.7	95.5	95.9	95.9	96.4	96.6	96.7	96.8	96.8	97.1	97.5	
GE 900		90.3	92.1	94.1	94.7	95.5	95.9	95.9	96.4	96.6	96.7	96.8	96.8	97.1	97.5	
GE 800		90.3	92.1	94.1	94.7	95.5	95.9	95.9	96.4	96.6	96.7	96.8	96.8	97.1	97.5	
GE 700		90.4	92.4	94.4	95.0	95.8	96.3	96.3	96.7	96.9	97.0	97.2	97.2	97.6	97.9	
GE 600		90.4	92.4	94.4	95.0	95.8	96.3	96.3	96.7	96.9	97.1	97.4	97.4	97.7	98.0	
GE 500		90.4	92.4	94.4	95.0	95.8	96.3	96.3	96.7	96.9	97.1	97.4	97.4	97.8	98.1	
GE 400		90.4	92.4	94.4	95.0	95.8	96.3	96.3	96.8	97.0	97.2	97.6	97.6	98.0	98.3	
GE 300		90.4	92.4	94.4	95.0	95.9	96.4	96.4	96.9	97.1	97.4	97.8	97.8	98.3	98.9	
GE 200		90.4	92.4	94.4	95.0	95.9	96.4	96.4	96.9	97.1	97.4	97.8	97.8	98.6	99.4	
GE 100		90.4	92.4	94.4	95.0	95.9	96.4	96.4	96.9	97.1	97.4	97.8	97.8	98.7	99.6	
GE 0		90.4	92.4	94.4	95.0	95.9	96.4	96.4	96.9	97.1	97.4	97.8	97.8	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 519

GLOBAL CLIMATOLOGY BRANCH
USAFITAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AE GL

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000																		
GE 4500																		
GE 4000																		
GE 3500																		
GE 3000																		
GE 2500																		
GE 2000																		
GE 1800																		
GE 1500																		
GE 1200																		
GE 1000																		
GE 900																		
GE 800																		
GE 700																		
GE 600																		
GE 500																		
GE 400																		
GE 300																		
GE 200																		
GE 100																		
GE 0																		

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(IST): 1830-2000

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																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000			87.2	89.0	89.7	90.2	90.8	91.2	91.2	91.4	91.4	91.6	92.0	92.0	92.3	92.5		
GE 4500			87.2	89.0	89.7	90.2	90.8	91.2	91.2	91.4	91.4	91.6	92.0	92.0	92.3	92.5		
GE 4000			88.3	90.1	90.8	91.3	91.8	92.3	92.3	92.5	92.5	92.7	93.0	93.0	93.4	93.6		
GE 3500			88.7	90.9	91.5	92.1	92.6	93.0	93.0	93.5	93.5	93.7	94.0	94.0	94.3	94.6		
GE 3000			89.7	92.0	92.7	93.3	93.8	94.2	94.2	94.7	94.8	95.0	95.4	95.4	95.8	96.0		
GE 2500			89.9	92.2	92.9	93.5	94.0	94.5	94.5	94.9	95.0	95.2	95.7	95.7	96.0	96.2		
GE 2000			90.2	92.5	93.3	93.8	94.3	94.8	94.8	95.2	95.3	95.5	96.0	96.0	96.3	96.5		
GE 1800			90.6	93.0	93.8	94.3	94.9	95.3	95.3	95.8	95.9	96.1	96.5	96.5	96.8	97.1		
GE 1500			91.3	93.6	94.3	94.9	95.4	95.9	95.9	96.3	96.4	96.6	97.1	97.1	97.4	97.6		
GE 1200			91.4	93.7	94.5	95.0	95.5	96.0	96.0	96.4	96.5	96.7	97.2	97.2	97.5	97.7		
GE 1000			91.4	93.7	94.5	95.0	95.7	96.1	96.1	96.5	96.6	96.8	97.3	97.3	97.6	97.8		
GE 900			91.5	93.8	94.6	95.1	95.8	96.2	96.2	96.6	96.7	97.0	97.4	97.4	97.7	97.9		
GE 800			91.5	93.8	94.6	95.1	95.8	96.2	96.2	96.6	96.7	97.0	97.4	97.4	97.7	97.9		
GE 700			91.5	93.8	94.6	95.1	95.8	96.2	96.2	96.6	96.7	97.0	97.4	97.4	97.7	97.9		
GE 600			91.6	93.9	94.7	95.2	95.9	96.3	96.3	96.7	96.8	97.1	97.5	97.5	97.8	98.0		
GE 500			91.7	94.2	95.0	95.5	96.2	96.6	96.6	97.1	97.2	97.4	98.0	98.0	98.4	98.9		
GE 400			91.7	94.2	95.0	95.5	96.2	96.6	96.6	97.1	97.2	97.4	98.0	98.0	98.4	98.9		
GE 300			91.7	94.2	95.0	95.5	96.2	96.6	96.6	97.1	97.3	97.5	98.2	98.2	98.5	99.0		
GE 200			91.7	94.2	95.0	95.5	96.2	96.6	96.6	97.1	97.3	97.5	98.2	98.2	98.6	99.1		
GE 100			91.7	94.2	95.0	95.5	96.2	96.6	96.6	97.2	97.4	97.6	98.4	98.4	98.9	100.0		
GE 0			91.7	94.2	95.0	95.5	96.2	96.6	96.6	97.2	97.4	97.6	98.4	98.4	98.9	100.0		

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(1ST): 2100-2300

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	1																
GE 20000	1																
GE 18000	1																
GE 16000	1																
GE 14000	1																
GE 12000	1																
GE 10000	1																
GE 9000	1																
GE 8000	1																
GE 7000	1																
GE 6000	1																
GE 5000	1																
GE 4500	1																
GE 4000	1																
GE 3500	1																
GE 3000	1																
GE 2500	1																
GE 2000	1																
GE 1800	1																
GE 1600	1																
GE 1500	1																
GE 1200	1																
GE 1000	1																
GE 900	1																
GE 800	1																
GE 700	1																
GE 600	1																
GE 500	1																
GE 400	1																
GE 300	1																
GE 200	1																
GE 100	1																
GE 0	1																

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	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																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GF 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 7262

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 092020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GF	GF	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	1/8	0
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000																
GE	4500																
GE	4000																
GE	3500																
GE	3000																
GE	2500																
GE	2000																
GE	1800																
GE	1500																
GE	1200																
GE	1000																
GE	900																
GE	800																
GE	700																
GE	600																
GE	500																
GE	400																
GE	300																
GE	200																
GE	100																
GE	0																

TOTAL NUMBER OF OBSERVATIONS: 333

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			91.5	93.2	93.8	94.3	94.3	94.4	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.2	95.8
GE 4500			91.5	93.2	93.8	94.3	94.3	94.4	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.2	95.8
GE 4000			92.1	93.8	94.4	94.9	94.9	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	96.4
GE 3500			92.1	93.8	94.4	94.9	94.9	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	96.4
GE 3000			92.1	94.2	94.9	95.4	95.4	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.4	97.0
GE 2500			92.5	94.2	95.0	95.5	95.5	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.5	97.1
GE 2000			92.9	94.6	95.4	95.9	95.9	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.7	96.9	97.5
GE 1800			92.9	94.6	95.4	95.9	95.9	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.7	96.9	97.5
GE 1500			93.0	94.7	95.5	96.0	96.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.9	97.0	97.6
GE 1200			93.1	94.9	95.8	96.2	96.2	96.4	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.2	97.8
GE 1000			93.2	94.9	95.8	96.2	96.2	96.4	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.2	97.8
GE 900			93.2	94.9	95.8	96.2	96.2	96.4	96.9	96.9	96.9	96.9	96.9	97.0	97.2	97.3	97.9
GE 800			93.2	94.9	95.8	96.2	96.2	96.4	96.9	96.9	96.9	96.9	96.9	97.0	97.2	97.3	97.9
GE 700			93.2	95.0	95.9	96.4	96.4	96.5	97.0	97.0	97.0	97.0	97.0	97.1	97.3	97.5	98.1
GE 600			93.2	95.0	95.9	96.4	96.4	96.5	97.0	97.1	97.1	97.1	97.1	97.2	97.5	97.6	98.2
GE 500			93.2	95.0	95.9	96.4	96.4	96.5	97.0	97.1	97.1	97.1	97.1	97.2	97.5	97.6	98.2
GE 400			93.2	95.0	95.9	96.4	96.4	96.5	97.0	97.2	97.2	97.2	97.2	97.6	97.7	97.9	98.7
GE 300			93.2	95.0	95.9	96.4	96.4	96.5	97.0	97.2	97.2	97.2	97.2	97.6	97.7	98.2	98.9
GE 200			93.2	95.0	95.9	96.4	96.4	96.5	97.0	97.2	97.2	97.2	97.2	97.6	97.9	98.7	99.5
GE 100			93.2	95.0	95.9	96.4	96.4	96.5	97.0	97.3	97.3	97.3	97.3	98.1	98.8	99.0	100.0
GE 0			93.2	95.0	95.9	96.4	96.4	96.5	97.0	97.3	97.3	97.3	97.3	98.1	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 826

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			89.9	91.3	92.3	92.5	92.7	92.9	92.9	92.9	92.9	92.9	93.0	93.5	93.5	93.5
GE 4500			90.5	91.9	92.9	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.6	94.1	94.1	94.1
GE 4000			91.3	92.8	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.5	94.9	94.9	94.9
GE 3500			91.6	93.1	94.2	94.5	94.6	94.9	94.9	94.9	94.9	94.9	95.1	95.5	95.5	95.5
GE 3000			92.2	94.1	95.3	95.7	95.8	96.1	96.1	96.3	96.3	96.3	96.4	96.9	96.9	96.9
GE 2500			92.2	94.1	95.3	95.7	95.8	96.1	96.1	96.3	96.3	96.3	96.4	96.9	96.9	96.9
GE 2000			92.7	94.6	95.8	96.1	96.3	96.6	96.6	96.7	96.7	96.7	96.9	97.3	97.3	97.3
GE 1800			92.7	94.6	95.8	96.1	96.3	96.6	96.6	96.7	96.7	96.7	96.9	97.3	97.3	97.3
GE 1500			92.7	94.7	95.9	96.3	96.4	96.7	96.7	96.7	96.9	96.9	97.0	97.5	97.5	97.5
GE 1200			92.7	94.9	96.1	96.5	96.6	97.0	97.0	97.1	97.1	97.1	97.2	97.7	97.7	97.7
GE 1000			92.8	95.1	96.3	96.6	96.7	97.1	97.1	97.2	97.2	97.2	97.3	97.8	97.8	97.8
GE 900			92.8	95.1	96.3	96.6	96.7	97.1	97.1	97.2	97.2	97.2	97.3	97.8	97.8	97.8
GE 800			92.8	95.1	96.3	96.6	96.7	97.1	97.1	97.2	97.2	97.2	97.3	97.8	97.8	97.8
GE 700			92.8	95.1	96.3	96.6	96.7	97.1	97.1	97.2	97.2	97.2	97.3	97.8	97.8	97.8
GE 600			92.8	95.1	96.3	96.6	96.7	97.1	97.1	97.2	97.2	97.2	97.3	97.8	97.8	97.8
GE 500			92.8	95.3	96.5	96.9	97.0	97.3	97.3	97.3	97.5	97.5	97.6	98.1	98.1	98.1
GE 400			92.8	95.3	96.5	96.9	97.0	97.3	97.3	97.3	97.5	97.5	97.6	98.4	98.4	98.4
GE 300			92.8	95.3	96.5	96.9	97.0	97.3	97.3	97.3	97.5	97.5	97.6	98.6	98.6	98.6
GE 200			92.8	95.3	96.5	96.9	97.0	97.5	97.5	97.5	97.6	97.7	97.8	98.8	98.8	98.8
GE 100			92.8	95.3	96.5	96.9	97.0	97.5	97.5	97.5	97.6	97.7	98.0	98.9	98.9	98.9
GE 0			92.8	95.3	96.5	96.9	97.0	97.5	97.5	97.5	97.6	97.7	98.0	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GL 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GL 3/4	GL 5/8	GE 1/2	GE 5/16	GL 1/4	GE 0	
.....																		
NO CEILING																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
.....																		
GE 10000																		
GE 9000																		
GE 8000																		
GL 7000																		
GE 6000																		
.....																		
GE 5000				87.2	88.2	89.3	89.6	89.9	90.1	90.5	91.1	91.1	91.1	91.5	91.7	91.7	92.0	
GE 4500				87.3	88.3	89.4	89.8	90.0	90.2	90.6	91.2	91.2	91.2	91.6	91.8	91.8	92.1	
GE 4000				88.4	89.4	90.7	91.1	91.3	91.6	92.0	92.6	92.6	92.6	92.9	93.2	93.2	93.4	
GE 3500				89.1	90.1	91.8	92.2	92.4	92.7	93.0	93.7	93.7	93.7	94.1	94.4	94.4	94.6	
GE 3000				89.6	90.6	92.3	92.7	92.9	93.2	93.5	94.1	94.1	94.1	94.6	94.9	94.9	95.1	
.....																		
GE 2500				89.8	90.8	92.3	92.7	92.9	93.2	93.5	94.1	94.1	94.1	94.6	94.9	94.9	95.1	
GE 2000				89.8	90.7	92.8	93.2	93.4	93.7	94.0	94.6	94.6	94.6	95.1	95.4	95.4	95.6	
GE 1800				89.8	90.7	92.8	93.2	93.4	93.7	94.0	94.6	94.6	94.6	95.1	95.4	95.4	95.6	
GE 1500				89.9	90.9	92.9	93.3	93.5	93.8	94.1	94.8	94.8	94.8	95.2	95.5	95.5	95.7	
GE 1200				90.2	91.2	93.4	93.8	94.0	94.3	94.6	95.2	95.2	95.2	95.7	96.0	96.0	96.2	
.....																		
GE 1000				90.5	91.5	93.7	94.0	94.3	94.6	95.0	95.6	95.6	95.6	96.1	96.3	96.3	96.6	
GL 900				90.7	91.7	93.9	94.3	94.5	94.9	95.2	95.9	95.9	95.9	96.3	96.6	96.6	96.8	
GE 800				90.7	91.7	93.9	94.3	94.5	94.9	95.2	95.9	95.9	95.9	96.3	96.6	96.6	96.8	
GE 700				90.7	91.7	93.9	94.3	94.5	94.9	95.2	95.9	95.9	95.9	96.3	96.6	96.6	96.8	
GE 600				90.7	91.7	93.9	94.3	94.5	94.9	95.2	95.9	95.9	95.9	96.3	96.6	96.6	96.8	
.....																		
GE 500				91.0	92.0	94.1	94.5	94.8	95.1	95.5	96.1	96.2	96.2	96.7	97.0	97.0	97.2	
GE 400				91.0	92.0	94.1	94.5	94.8	95.1	95.5	96.1	96.2	96.2	97.1	97.3	97.3	97.6	
GE 300				91.0	92.0	94.1	94.5	94.8	95.1	95.5	96.1	96.2	96.2	97.4	97.7	97.7	98.0	
GE 200				91.0	92.0	94.1	94.5	94.8	95.1	95.5	96.1	96.2	96.6	97.4	97.7	97.7	98.5	
GE 100				91.0	92.0	94.1	94.5	94.8	95.1	95.5	96.1	96.2	96.6	97.4	97.7	97.7	100.0	
.....																		
GE 0				91.0	92.0	94.1	94.5	94.8	95.1	95.5	96.1	96.2	96.6	97.4	97.7	97.7	100.0	
.....																		

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(IST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES													
IN	FEET	GE	GE	GF	GF	GE	GE	GE	GE	GE	GE	GE	GF	GF	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL															
GE	20000														
GF	18000														
GF	16000														
GF	14000														
GE	12000														
GF	10000														
GF	9000														
GF	8000														
GF	7000														
GF	6000														
GE	5000			85.4	86.2	87.9	88.4	89.0	89.1	89.1	90.1	90.2	90.2	90.6	90.9
GE	4500			85.5	86.3	88.0	88.5	89.1	89.2	89.2	90.2	90.4	90.4	90.7	91.0
GE	4000			86.9	87.8	89.9	90.5	91.1	91.2	91.2	92.2	92.3	92.3	92.7	93.0
GF	3500			87.6	87.9	90.0	90.6	91.2	91.3	91.3	92.3	92.5	92.5	92.9	93.1
GE	3000			87.6	88.5	90.6	91.2	91.8	92.0	92.2	93.2	93.3	93.3	93.8	94.2
GF	2500			87.4	88.8	91.7	91.6	92.2	92.3	92.6	93.6	93.7	93.7	94.2	94.6
GE	2000			88.1	89.0	91.2	91.8	92.5	93.0	93.2	94.2	94.3	94.3	94.8	95.2
GF	1800			88.1	89.0	91.2	91.8	92.5	93.0	93.2	94.2	94.3	94.3	94.8	95.2
GE	1500			88.1	89.0	91.2	91.8	92.5	93.0	93.2	94.2	94.3	94.3	94.8	95.2
GF	1200			88.6	89.5	91.6	92.5	93.2	93.8	94.1	95.3	95.4	95.4	95.9	96.3
GF	1000			88.6	89.5	92.0	92.6	93.3	94.1	94.3	95.6	95.7	95.7	96.2	96.5
GF	900			88.6	89.5	92.0	92.6	93.3	94.1	94.3	95.6	95.7	95.7	96.2	96.5
GF	800			89.6	89.5	92.0	92.6	93.4	94.2	94.4	95.7	95.8	95.8	96.3	96.7
GE	700			89.6	89.5	92.1	92.7	93.6	94.3	94.6	95.8	95.9	95.9	96.4	96.8
GF	600			89.6	89.5	92.1	92.7	93.6	94.3	94.6	95.8	95.9	95.9	96.4	96.8
GF	500			88.6	89.5	92.1	92.7	93.6	94.3	94.6	95.8	95.9	95.9	96.4	96.8
GF	400			88.6	89.5	92.1	92.7	93.6	94.3	94.6	95.8	95.9	95.9	96.4	96.8
GF	300			88.6	89.5	92.1	92.7	93.6	94.3	94.6	95.8	95.9	95.9	96.4	96.8
GF	200			88.6	89.5	92.1	92.7	93.6	94.3	94.6	95.8	95.9	95.9	96.4	96.8
GF	100			88.6	89.5	92.1	92.7	93.6	94.3	94.6	95.8	95.9	95.9	96.4	96.8
GF	0			88.6	89.5	92.1	92.7	93.6	94.3	94.6	95.8	95.9	95.9	96.4	96.8

TOTAL NUMBER OF OBSERVATIONS: 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	2	1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																

TOTAL NUMBER OF OBSERVATIONS: 814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(EST): 1800-2000

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GF 4	GF 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GF 5/16	GE 1/4	GF 0
NO CELL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8500																
GE 7000																
GE 6000																
GE 5000			85.7	86.5	88.0	88.4	88.8	89.5	89.8	90.1	90.3	90.4	90.5	90.7	90.7	91.5
GE 4500			86.0	86.9	88.3	88.6	89.2	89.9	90.1	90.5	90.6	90.7	90.9	91.1	91.1	91.6
GE 4000			87.4	88.2	89.7	90.1	90.5	91.2	91.5	91.6	91.9	92.1	92.2	92.4	92.4	93.1
GE 3500			87.6	88.8	90.3	90.7	91.1	91.8	92.1	92.4	92.5	92.7	92.8	93.0	93.0	93.7
GE 3000			88.3	89.5	91.0	91.5	91.8	92.5	92.9	93.3	93.4	93.5	93.6	93.9	93.9	94.6
GE 2500			88.3	89.5	91.0	91.5	91.8	92.5	92.9	93.3	93.4	93.5	93.6	93.9	93.9	94.6
GE 2000			88.4	89.7	91.1	91.7	92.1	92.8	93.0	93.5	93.6	93.7	93.9	94.1	94.1	94.8
GE 1800			88.7	89.9	91.3	91.9	92.3	93.0	93.3	93.7	93.9	94.0	94.1	94.3	94.3	95.1
GE 1500			88.9	90.1	91.4	92.4	92.8	93.6	93.9	94.3	94.5	94.6	94.7	94.9	94.9	95.7
GE 1200			89.2	90.5	92.3	92.9	93.3	94.1	94.5	94.9	95.1	95.2	95.3	95.5	95.5	96.3
GE 1000			89.2	90.9	92.7	93.3	93.6	94.6	95.2	95.7	95.8	95.9	96.0	96.3	96.3	97.0
GE 900			89.2	90.9	92.7	93.5	93.9	94.8	95.4	95.9	96.0	96.1	96.3	96.5	96.5	97.2
GE 800			89.2	90.9	92.7	93.5	93.9	94.8	95.5	96.0	96.1	96.3	96.6	96.9	96.9	97.6
GE 700			89.2	90.9	92.7	93.5	93.9	94.8	95.5	96.0	96.1	96.3	96.6	97.0	97.0	97.7
GE 600			89.2	91.0	93.0	93.6	94.0	94.9	95.7	96.1	96.3	96.4	97.0	97.2	97.2	98.0
GE 500			89.3	91.0	93.0	93.6	94.0	94.9	95.7	96.3	96.4	96.5	97.4	97.6	97.6	98.3
GE 400			89.3	91.0	93.0	93.6	94.0	94.9	95.7	96.3	96.4	96.5	97.5	97.7	97.8	98.6
GE 300			89.3	91.0	93.0	93.6	94.0	94.9	95.7	96.3	96.4	96.5	97.5	97.7	97.8	98.7
GE 200			89.3	91.0	93.0	93.6	94.0	94.9	95.7	96.3	96.4	96.5	97.6	97.8	98.2	99.2
GE 100			89.3	91.0	93.0	93.6	94.0	94.9	95.7	96.3	96.4	96.5	97.6	97.8	98.2	100.0
GE 0			89.3	91.0	93.0	93.6	94.0	94.9	95.7	96.3	96.4	96.5	97.6	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 351

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042027 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-87
MONTH: FEB HOURS (LST): 1100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	CE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE C	
NO CELL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			87.5	89.0	90.7	90.6	91.2	91.4	92.0	92.3	92.7	92.4	92.5	92.6	92.7	92.7	
GE 4500			87.7	89.3	91.0	91.2	91.5	91.8	92.4	92.6	92.5	92.7	92.9	93.0	93.1	93.3	
GE 4000			88.0	89.7	91.6	91.8	92.1	92.4	93.0	93.3	93.3	93.5	93.6	93.7	93.9	94.1	
GE 3500			88.3	90.2	92.3	92.4	92.7	93.0	93.6	93.9	93.9	94.1	94.2	94.3	94.4	94.7	
GE 3000			88.9	90.8	92.9	93.0	93.3	93.6	94.2	94.6	94.6	94.7	94.8	94.9	95.0	95.3	
GE 2500			89.1	90.9	93.0	93.1	93.5	93.7	94.3	94.7	94.7	94.8	94.9	95.0	95.2	95.4	
GE 2000			89.3	91.3	93.3	93.5	93.8	94.1	94.7	95.0	95.0	95.2	95.3	95.4	95.5	95.8	
GE 1800			89.3	91.3	93.3	93.5	93.8	94.1	94.7	95.0	95.0	95.2	95.3	95.4	95.5	95.8	
GE 1500			89.7	91.6	93.7	93.9	94.3	94.6	95.2	95.5	95.5	95.6	95.8	95.9	96.0	96.2	
GE 1200			89.6	91.6	93.9	94.2	94.7	94.9	95.5	95.9	95.9	96.0	96.1	96.2	96.4	96.6	
GE 1000			89.6	91.9	94.2	94.4	95.0	95.5	96.4	96.7	96.7	96.9	97.0	97.1	97.2	97.5	
GE 900			89.6	91.9	94.4	94.7	95.3	95.8	96.6	97.0	97.0	97.1	97.2	97.3	97.5	97.7	
GE 800			90.0	92.0	94.6	94.8	95.4	96.0	96.9	97.2	97.2	97.3	97.5	97.6	97.7	97.9	
GE 700			90.0	92.0	94.6	94.8	95.4	96.0	96.9	97.2	97.2	97.3	97.5	97.6	97.7	97.9	
GE 600			90.0	92.0	94.6	94.8	95.4	96.0	96.9	97.2	97.2	97.3	97.5	97.6	97.7	97.9	
GE 500			90.0	92.0	94.6	94.8	95.4	96.0	96.9	97.2	97.2	97.3	97.5	97.6	97.7	97.9	
GE 400			90.0	92.0	94.8	95.0	95.6	96.2	97.1	97.5	97.5	97.6	97.7	97.8	97.9	98.2	
GE 300			90.0	92.0	94.8	95.0	95.8	96.4	97.3	97.6	97.6	97.7	98.1	98.2	98.3	98.5	
GE 200			90.0	92.0	94.8	95.0	95.8	96.4	97.3	97.6	97.6	97.7	98.2	98.3	98.4	98.9	
GE 100			90.0	92.0	94.8	95.0	95.8	96.4	97.3	97.6	97.6	97.7	98.2	98.3	98.4	100.0	
GE C			90.0	92.0	94.4	95.0	95.8	96.4	97.2	97.6	97.6	97.7	98.2	98.3	98.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 526

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(EST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			87.3	88.7	90.0	90.5	90.8	91.2	91.5	91.9	91.9	92.0	92.3	92.4	92.6	92.9	
GE 4500			87.5	88.9	90.3	90.7	91.0	91.4	91.7	92.1	92.1	92.2	92.5	92.7	92.8	93.1	
GE 4000			88.4	89.8	91.3	91.8	92.1	92.5	92.8	93.2	93.2	93.3	93.6	93.8	93.9	94.3	
GE 3500			88.6	90.2	91.7	92.2	92.5	92.9	93.2	93.6	93.7	93.7	94.0	94.2	94.4	94.7	
GE 3000			89.2	90.9	92.5	93.0	93.3	93.8	94.1	94.5	94.6	94.6	95.0	95.2	95.4	95.7	
GE 2500			89.3	90.9	92.6	93.0	93.4	93.9	94.2	94.6	94.7	94.7	95.1	95.3	95.4	95.8	
GE 2000			89.6	91.2	93.0	93.4	93.8	94.3	94.6	95.1	95.1	95.2	95.5	95.8	95.9	96.3	
GE 1800			89.6	91.3	93.0	93.5	93.9	94.3	94.7	95.1	95.2	95.2	95.6	95.8	95.9	96.3	
GE 1500			89.6	91.4	93.2	93.7	94.1	94.7	95.0	95.4	95.5	95.6	95.9	96.1	96.3	96.6	
GE 1200			90.0	91.7	93.6	94.1	94.5	95.0	95.4	95.8	95.9	95.9	96.3	96.5	96.7	97.0	
GE 1000			90.1	91.9	93.8	94.3	94.7	95.4	95.8	96.3	96.3	96.4	96.7	96.9	97.1	97.5	
GE 900			90.2	92.0	93.9	94.4	94.9	95.5	95.9	96.4	96.5	96.5	96.9	97.1	97.3	97.6	
GE 800			90.2	92.0	93.9	94.4	94.9	95.6	96.0	96.5	96.5	96.6	97.0	97.2	97.3	97.7	
GE 700			90.2	92.0	94.0	94.5	94.9	95.6	96.0	96.5	96.6	96.6	97.0	97.2	97.4	97.7	
GE 600			90.2	92.0	94.0	94.5	94.9	95.6	96.0	96.5	96.6	96.6	97.1	97.3	97.5	97.8	
GE 500			90.3	92.1	94.0	94.5	95.0	95.7	96.1	96.6	96.7	96.7	97.3	97.5	97.7	98.1	
GE 400			90.3	92.1	94.1	94.6	95.0	95.7	96.1	96.7	96.8	96.8	97.6	97.8	98.0	98.4	
GE 300			90.3	92.1	94.1	94.6	95.1	95.8	96.2	96.7	96.9	97.1	97.8	98.1	98.3	98.7	
GE 200			90.3	92.1	94.1	94.6	95.1	95.8	96.2	96.8	96.9	97.1	97.9	98.2	98.6	99.3	
GE 100			90.3	92.1	94.1	94.6	95.1	95.8	96.2	96.8	96.9	97.1	97.9	98.3	98.7	100.0	
GE 0			90.3	92.1	94.1	94.6	95.1	95.8	96.2	96.8	96.9	97.1	97.9	98.3	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 6589

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(CELT): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GF 1	GE 3/4	GE 5/8	GE 1/2	GF 5/16	GE 1/4	GF 0
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		87.3	88.6	87.7	89.7	90.5	91.1	91.1	92.1	92.7	92.7	92.7	92.7	92.7	92.8	93.0
GE	4500		87.3	88.6	87.7	89.7	90.5	91.1	91.1	92.1	92.7	92.7	92.7	92.7	92.7	92.8	93.0
GE	4000		88.0	89.2	90.6	90.6	91.6	92.3	92.3	93.6	94.3	94.3	94.3	94.3	94.3	94.4	94.5
GE	3500		88.1	87.3	90.8	90.8	91.7	92.4	92.4	93.7	94.4	94.4	94.4	94.4	94.4	94.5	94.6
GE	3000		88.4	87.7	91.4	91.4	92.4	93.1	93.1	94.4	95.0	95.0	95.0	95.0	95.0	95.2	95.3
GE	2500		88.6	89.8	91.5	91.5	92.5	93.2	93.2	94.5	95.2	95.2	95.2	95.2	95.2	95.3	95.4
GE	2000		88.8	90.0	91.7	91.9	93.1	93.8	93.8	95.3	95.7	95.9	95.9	95.9	95.9	96.0	96.3
GE	1800		88.9	90.3	92.1	92.2	93.4	94.2	94.2	95.6	96.3	96.3	96.3	96.3	96.3	96.4	96.6
GE	1500		88.9	90.3	92.1	92.2	93.4	94.2	94.2	95.6	96.3	96.3	96.3	96.3	96.3	96.4	96.6
GE	1200		88.9	90.3	92.1	92.2	93.4	94.2	94.2	95.6	96.3	96.3	96.3	96.3	96.3	96.4	96.6
GE	1000		89.0	90.4	92.2	92.3	93.5	94.3	94.3	95.7	96.4	96.4	96.4	96.4	96.4	96.5	96.8
GE	900		89.0	90.4	92.2	92.3	93.5	94.3	94.3	95.7	96.4	96.4	96.4	96.4	96.4	96.5	96.8
GE	800		89.0	90.4	92.2	92.3	93.7	94.5	94.5	95.9	96.6	96.6	96.6	96.6	96.6	96.9	97.2
GE	700		89.0	90.4	92.2	92.3	93.7	94.5	94.5	95.9	96.6	96.6	96.6	96.6	96.6	96.9	97.2
GE	600		89.0	90.4	92.2	92.3	93.7	94.5	94.5	95.9	96.6	96.6	96.6	96.6	96.6	96.9	97.2
GE	500		89.0	90.4	92.2	92.3	93.7	94.5	94.5	95.9	96.6	96.6	96.6	96.6	96.6	96.9	97.2
GE	400		89.0	90.4	92.2	92.3	93.8	94.6	94.6	96.0	96.7	97.0	97.0	97.0	97.0	97.6	98.0
GE	300		89.0	90.4	92.2	92.4	93.8	94.6	94.6	96.0	96.7	97.0	97.0	97.0	97.0	97.6	98.2
GE	200		89.0	90.4	92.2	92.4	93.8	94.6	94.6	96.0	96.7	97.0	97.0	97.0	97.0	97.6	98.6
GE	100		89.0	90.4	92.2	92.4	93.8	94.6	94.6	96.0	96.7	97.0	97.0	97.0	97.0	97.6	98.4
GE	0		89.0	90.4	92.2	92.4	93.8	94.6	94.6	96.0	96.7	97.0	97.0	97.0	97.0	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86

MONTH: MAR

HOURS/1ST: 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	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 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			86.6	89.0	90.6	90.7	91.2	91.8	91.8	92.5	92.7	92.7	92.8	92.9	93.0	93.3
GE 4500			86.8	89.0	90.6	90.7	91.2	91.8	91.8	92.5	92.7	92.7	92.8	92.9	93.0	93.3
GE 4000			87.3	89.8	91.2	91.4	92.0	92.5	92.5	93.4	93.5	93.5	93.6	93.8	93.9	94.2
GE 3500			87.4	90.0	91.6	91.7	92.2	92.8	92.8	93.6	93.9	93.9	93.9	94.0	94.1	94.4
GE 3000			87.5	90.1	91.9	92.0	92.5	93.1	93.1	94.0	94.1	94.1	94.2	94.3	94.4	94.7
GE 2500			87.7	90.4	92.1	92.2	92.8	93.3	93.3	94.2	94.3	94.3	94.4	94.5	94.6	95.0
GE 2000			88.2	90.8	92.5	93.0	93.8	94.4	94.4	95.4	95.5	95.5	95.6	95.7	95.8	96.2
GE 1800			88.3	90.9	92.7	93.1	93.9	94.5	94.5	95.5	95.6	95.6	95.7	95.8	95.9	96.3
GE 1500			88.3	90.9	92.7	93.1	93.9	94.5	94.5	95.5	95.6	95.6	95.7	95.8	95.9	96.3
GE 1200			88.3	90.9	92.7	93.1	93.9	94.5	94.5	95.5	95.6	95.6	95.7	95.8	95.9	96.3
GE 1000			88.4	91.0	92.8	93.2	94.0	94.6	94.6	95.7	95.9	95.9	96.1	96.2	96.3	96.6
GE 900			88.4	91.0	92.8	93.2	94.0	94.6	94.6	95.7	95.9	95.9	96.1	96.2	96.3	96.6
GE 800			88.4	91.0	92.8	93.2	94.0	94.6	94.6	95.7	95.9	95.9	96.5	96.8	96.9	97.3
GE 700			88.4	91.0	92.8	93.2	94.0	94.6	94.6	95.7	95.9	95.9	96.5	96.8	96.9	97.3
GE 600			88.4	91.0	92.8	93.2	94.0	94.6	94.6	95.7	95.9	96.2	96.8	97.1	97.4	97.7
GE 500			88.4	91.0	92.8	93.2	94.0	94.6	94.6	95.7	95.9	96.2	96.8	97.1	97.7	98.0
GE 400			88.4	91.0	92.8	93.2	94.0	94.6	94.6	95.7	95.9	96.2	96.8	97.1	97.7	98.4
GE 300			88.4	91.0	92.8	93.2	94.0	94.6	94.6	95.7	95.9	96.2	96.8	97.1	97.7	98.7
GE 200			88.4	91.0	92.8	93.2	94.0	94.6	94.6	95.7	95.9	96.3	96.9	97.3	97.8	98.8
GE 100			88.4	91.0	92.8	93.2	94.0	94.6	94.6	95.7	95.9	96.3	96.9	97.3	97.9	99.6
GE 0			88.4	91.0	92.8	93.2	94.0	94.6	94.6	95.7	95.9	96.3	96.9	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PLP170 OF PLCORD: 77-86
MONTH: MAR HOURS(LST): 0600-0800

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	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			85.1	86.9	88.5	88.9	89.2	89.7	89.7	90.9	91.2	91.4	91.7	91.7	91.8	92.0
GE 4500			85.1	86.9	88.5	88.9	89.2	89.7	89.7	90.9	91.2	91.4	91.7	91.7	91.8	92.0
GE 4000			85.7	87.6	89.3	89.6	90.0	90.6	90.6	91.9	92.1	92.4	92.7	92.7	92.8	93.0
GE 3500			86.0	87.9	89.6	90.0	90.3	91.1	91.1	92.4	92.6	92.8	93.1	93.1	93.2	93.5
GE 3000			86.4	88.4	90.3	90.6	91.1	91.8	91.8	93.1	93.3	93.6	94.1	94.1	94.2	94.4
GE 2500			86.7	88.8	90.6	90.9	91.4	92.1	92.1	93.5	93.7	93.9	94.4	94.4	94.5	94.8
GE 2000			87.7	90.0	91.8	92.1	92.7	93.5	93.5	95.0	95.3	95.5	96.1	96.1	96.2	96.4
GE 1800			87.7	90.0	91.8	92.1	92.7	93.5	93.5	95.0	95.3	95.5	96.1	96.1	96.2	96.4
GE 1500			87.8	90.1	91.9	92.3	92.8	93.6	93.6	95.1	95.4	95.6	96.2	96.2	96.3	96.5
GE 1200			87.8	90.1	91.9	92.3	92.8	93.6	93.6	95.1	95.5	95.7	96.3	96.3	96.4	96.6
GE 1000			87.9	90.2	92.0	92.4	92.9	93.8	93.8	95.9	96.4	96.6	97.2	97.2	97.3	97.6
GE 900			87.9	90.2	92.0	92.4	92.9	93.8	93.8	95.9	96.4	96.6	97.2	97.2	97.3	97.6
GE 800			87.9	90.2	92.0	92.4	92.9	93.8	93.8	95.9	96.4	96.6	97.5	97.5	97.6	97.9
GE 700			87.9	90.2	92.0	92.4	92.9	93.8	93.8	95.9	96.4	96.6	97.5	97.5	97.6	97.9
GE 600			87.9	90.2	92.0	92.4	92.9	93.8	93.8	95.9	96.4	96.6	97.5	97.5	97.6	97.9
GE 500			88.0	90.3	92.1	92.5	93.0	93.9	93.9	96.0	96.7	96.9	97.8	97.8	98.4	98.8
GE 400			88.0	90.3	92.1	92.5	93.0	93.9	93.9	96.0	96.7	96.9	97.8	97.9	98.5	99.0
GE 300			88.6	90.3	92.1	92.5	93.0	93.9	93.9	96.0	96.7	96.9	97.8	97.9	98.5	99.0
GE 200			88.0	90.3	92.1	92.5	93.0	93.9	93.9	96.0	96.7	96.9	97.9	98.0	98.6	99.2
GE 100			88.0	90.3	92.1	92.5	93.0	93.9	93.9	96.0	96.7	96.9	97.9	98.0	98.6	99.6
GE 0			88.1	90.3	92.1	92.5	93.0	93.9	93.9	96.0	96.7	96.9	97.9	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 917

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

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

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GF 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 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			85.4	87.0	88.4	89.1	90.8	91.7	91.8	91.9	91.9	92.0	92.6	92.6	92.8	93.3
GE 4500			85.5	87.1	88.5	89.2	90.9	91.8	91.9	92.0	92.0	92.1	92.7	92.7	92.9	93.5
GE 4000			85.7	87.4	88.9	89.5	91.3	92.1	92.4	92.6	92.6	92.7	93.2	93.2	93.5	94.1
GE 3500			85.9	87.6	89.1	89.9	91.6	92.5	92.7	93.0	93.0	93.1	93.7	93.7	93.9	94.5
GE 3000			86.0	87.7	89.3	90.1	92.3	93.1	93.3	93.8	93.8	93.9	94.4	94.4	94.7	95.3
GE 2500			86.6	88.2	89.9	90.6	92.9	93.8	94.0	94.4	94.4	94.5	95.1	95.1	95.3	96.0
GE 2000			86.6	88.4	90.3	91.2	93.5	94.4	94.7	95.1	95.1	95.2	95.7	95.7	96.0	96.7
GE 1800			86.6	88.4	90.3	91.2	93.5	94.4	94.7	95.1	95.1	95.2	95.7	95.7	96.0	96.7
GE 1500			87.0	88.7	90.5	91.4	94.0	95.1	95.4	95.9	95.9	96.0	96.5	96.5	96.7	97.5
GE 1200			87.0	88.7	90.5	91.4	94.0	95.1	95.4	95.9	95.9	96.0	96.5	96.5	96.7	97.5
GE 1000			87.0	88.7	90.5	91.4	94.0	95.2	95.5	96.3	96.3	96.4	96.9	96.9	97.2	98.0
GE 900			87.0	88.7	90.5	91.4	94.0	95.2	95.5	96.3	96.3	96.4	96.9	96.9	97.2	98.0
GE 800			87.0	88.7	90.5	91.4	94.0	95.2	95.5	96.4	96.4	96.5	97.3	97.3	97.5	98.4
GE 700			87.0	88.7	90.5	91.4	94.0	95.2	95.5	96.4	96.4	96.5	97.3	97.3	97.5	98.4
GE 600			87.0	88.7	90.5	91.4	94.0	95.2	95.5	96.4	96.5	96.6	97.4	97.4	97.6	98.5
GE 500			87.0	88.7	90.5	91.4	94.0	95.2	95.5	96.4	96.5	96.6	97.4	97.4	97.7	98.6
GE 400			87.0	88.7	90.5	91.4	94.0	95.2	95.5	96.4	96.5	96.6	97.4	97.4	97.8	99.0
GE 300			87.0	88.7	90.5	91.4	94.0	95.2	95.5	96.4	96.5	96.6	97.4	97.4	97.8	99.0
GE 200			87.1	88.8	90.6	91.5	94.1	95.3	95.6	96.5	96.6	96.7	97.5	97.5	97.9	99.3
GE 100			87.1	88.8	90.6	91.5	94.1	95.3	95.6	96.5	96.6	96.7	97.6	97.6	98.0	99.7
GE 0			87.1	88.8	90.6	91.5	94.1	95.3	95.6	96.5	96.6	96.7	97.6	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AP GL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(IST): 1200-1400

CFILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			85.7	85.6	88.6	89.0	89.8	90.1	90.1	91.0	91.0	91.1	91.4	91.6	92.3	92.7
GE 4500			85.7	86.6	88.6	89.0	89.8	90.1	90.1	91.0	91.0	91.1	91.4	91.6	92.3	92.7
GE 4000			86.0	86.9	88.9	89.5	90.4	90.8	90.8	91.9	91.9	92.0	92.3	92.5	93.3	94.3
GE 3500			86.7	87.6	89.7	90.3	91.3	91.6	91.6	92.7	92.7	92.8	93.2	93.4	94.2	95.2
GE 3000			86.7	87.6	89.7	90.3	91.3	92.0	92.0	93.1	93.1	93.2	93.5	93.7	94.5	95.6
GE 2500			87.2	88.1	90.3	91.0	92.0	92.6	92.6	93.7	93.7	93.8	94.2	94.4	95.2	96.3
GE 2000			87.6	88.4	90.8	91.4	92.4	93.1	93.1	94.3	94.4	94.5	94.8	95.0	95.8	97.0
GE 1800			87.7	88.6	90.9	91.5	92.5	93.2	93.2	94.4	94.5	94.6	94.9	95.2	95.9	97.1
GE 1500			87.7	88.6	90.9	91.6	93.0	93.6	93.6	94.8	95.0	95.2	95.5	95.7	96.5	97.7
GE 1200			87.7	88.6	90.9	91.6	93.0	93.6	93.6	94.8	95.0	95.2	95.5	95.7	96.5	97.7
GE 1000			87.8	88.7	91.0	91.7	93.1	93.7	93.7	95.2	95.4	95.5	95.9	96.1	96.9	98.1
GE 900			87.8	88.7	91.0	91.7	93.1	93.7	93.7	95.2	95.4	95.5	95.9	96.1	96.9	98.1
GE 800			87.8	88.7	91.0	91.7	93.1	93.7	93.7	95.2	95.5	95.6	96.3	96.5	97.2	98.5
GE 700			87.8	88.7	91.0	91.7	93.1	93.7	93.7	95.2	95.5	95.6	96.3	96.5	97.2	98.5
GE 600			87.8	88.7	91.0	91.7	93.1	93.7	93.7	95.2	95.5	95.6	96.3	96.5	97.2	98.5
GE 500			87.8	88.7	91.0	91.7	93.1	93.7	93.7	95.2	95.5	95.6	96.4	96.6	97.4	98.6
GE 400			87.8	88.7	91.0	91.7	93.1	93.7	93.7	95.2	95.5	95.6	96.4	96.6	97.4	98.7
GE 300			87.8	88.7	91.0	91.7	93.1	93.7	93.7	95.2	95.5	95.6	96.4	96.6	97.5	99.1
GE 200			87.8	88.7	91.0	91.7	93.1	93.7	93.7	95.2	95.5	95.6	96.4	96.6	97.5	99.2
GE 100			87.8	88.7	91.0	91.7	93.1	93.7	93.7	95.2	95.5	95.6	96.4	96.6	97.5	99.3
GE 0			87.8	88.7	91.0	91.7	93.1	93.7	93.7	95.3	95.6	95.7	96.5	96.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 209

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES																
IN	GL	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000		84.4	85.5	87.2	87.8	89.0	89.7	89.7	90.9	91.0	91.1	91.7	91.7	91.7	92.1	92.9		
GE 4500		84.7	85.8	87.4	88.1	89.3	89.9	89.9	91.1	91.2	91.3	91.9	91.9	91.9	92.3	93.1		
GE 4000		85.3	86.6	88.3	88.9	90.3	90.9	90.9	92.4	92.7	92.8	93.4	93.4	93.4	93.9	95.0		
GE 3500		85.7	87.0	89.7	89.4	90.7	91.3	91.3	92.9	93.1	93.2	93.9	94.0	94.4	94.4	95.5		
GE 3000		85.9	87.2	89.2	89.8	91.3	92.1	92.1	93.6	93.9	94.0	94.6	94.7	95.2	96.4			
GE 2500		86.1	87.4	89.4	90.0	91.6	92.6	92.6	94.2	94.4	94.5	95.2	95.3	95.7	96.9			
GE 2000		86.1	87.5	89.7	90.4	92.0	93.0	93.0	94.6	94.9	95.0	95.7	95.9	96.6	97.9			
GE 1800		86.1	87.5	89.7	90.4	92.0	93.0	93.0	94.6	94.9	95.0	95.7	95.9	96.6	97.9			
GE 1600		86.1	87.5	89.7	90.4	92.0	93.0	93.0	94.6	94.9	95.0	95.7	95.9	96.6	97.9			
GE 1400		86.1	87.5	89.7	90.4	92.0	93.0	93.1	94.9	95.1	95.2	95.9	96.2	96.8	98.1			
GE 1000		86.1	87.5	89.7	90.4	92.0	93.1	93.2	95.0	95.2	95.3	96.1	96.3	96.9	98.2			
GE 900		86.1	87.5	89.7	90.4	92.0	93.1	93.2	95.0	95.2	95.3	96.1	96.3	96.9	98.2			
GE 800		86.1	87.5	89.7	90.4	92.0	93.2	93.3	95.1	95.3	95.4	96.2	96.4	97.0	98.4			
GE 700		86.1	87.5	89.7	90.4	92.0	93.2	93.3	95.1	95.3	95.4	96.2	96.4	97.0	98.4			
GE 600		86.1	87.5	89.7	90.4	92.0	93.2	93.3	95.1	95.3	95.4	96.2	96.4	97.0	98.4			
GE 500		86.1	87.5	89.7	90.4	92.0	93.2	93.3	95.2	95.4	95.5	96.3	96.5	97.2	98.6			
GE 400		86.1	87.5	89.7	90.4	92.0	93.2	93.3	95.2	95.4	95.5	96.3	96.5	97.2	98.6			
GE 300		86.1	87.5	89.7	90.4	92.0	93.2	93.3	95.2	95.4	95.5	96.3	96.5	97.2	98.7			
GE 200		86.1	87.5	89.7	90.4	92.0	93.2	93.3	95.2	95.4	95.5	96.3	96.5	97.3	98.8			
GE 100		86.1	87.5	89.7	90.4	92.0	93.2	93.3	95.2	95.4	95.5	96.3	96.5	97.4	99.3			
GE 0		86.1	87.5	89.7	90.4	92.0	93.2	93.3	95.2	95.4	95.5	96.3	96.5	97.5	100.0			

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THOLF AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 4500			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 4000			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 3500			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 3000			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 2500			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 2000			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 1800			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 1600			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 1400			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 1200			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 1000			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 900			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 800			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 700			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 600			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 500			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 400			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 300			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 200			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 100			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8
GE 0			84.2	85.1	86.0	86.3	87.7	88.2	88.4	89.8	89.8	89.8	90.2	90.3	90.6	90.8

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: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LEST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		85.9	87.4	88.8	89.0	90.1	90.6	90.8	91.0	91.0	91.0	91.0	91.2	91.5	91.5	
GE	4500		85.9	87.4	88.9	89.1	90.2	90.8	90.9	91.1	91.1	91.1	91.1	91.3	91.6	91.6	
GE	4000		87.0	88.6	90.1	90.3	91.8	92.3	92.4	92.7	92.9	92.9	93.1	93.3	93.7	93.7	
GE	3500		87.2	88.9	90.3	90.5	92.0	92.7	92.8	93.0	93.2	93.2	93.4	93.7	94.0	94.0	
GE	3000		87.3	89.1	91.1	91.3	92.8	93.5	93.8	94.0	94.2	94.2	94.4	94.7	95.0	95.1	
GE	2500		87.5	89.3	91.3	91.5	93.0	93.8	94.0	94.2	94.4	94.4	94.7	94.9	95.2	95.3	
GE	2000		87.6	89.4	91.4	91.6	93.1	94.0	94.2	94.8	95.0	95.0	95.2	95.4	95.8	96.1	
GE	1800		87.6	89.4	91.4	91.9	93.3	94.2	94.4	95.0	95.2	95.2	95.4	95.7	96.0	96.3	
GE	1500		87.6	89.5	91.5	92.0	93.4	94.3	94.5	95.1	95.3	95.3	95.5	95.8	96.1	96.4	
GE	1200		87.6	89.5	91.5	92.0	93.4	94.3	94.5	95.1	95.3	95.3	95.5	95.8	96.1	96.4	
GE	1000		87.6	89.5	91.6	92.1	93.5	94.4	94.7	95.2	95.7	95.7	96.0	96.2	96.5	97.0	
GE	900		87.6	89.5	91.6	92.1	93.5	94.4	94.7	95.2	95.7	95.7	96.0	96.2	96.5	97.0	
GE	800		87.6	89.5	91.6	92.1	93.5	94.4	94.7	95.2	95.7	95.7	96.0	96.2	96.5	97.1	
GE	700		87.6	89.5	91.6	92.1	93.5	94.4	94.7	95.2	95.7	95.7	96.0	96.2	96.5	97.1	
GE	600		87.6	89.5	91.6	92.1	93.8	94.7	94.9	95.4	95.9	95.9	96.2	96.5	96.9	97.4	
GE	500		87.6	89.5	91.6	92.1	93.8	94.7	94.9	95.7	96.1	96.1	96.5	96.9	97.2	97.8	
GE	400		87.6	89.5	91.6	92.1	93.8	94.7	94.9	95.7	96.1	96.1	96.5	96.9	97.4	98.1	
GE	300		87.6	89.5	91.6	92.1	93.8	94.7	94.9	95.7	96.1	96.1	96.5	96.9	97.4	98.2	
GE	200		87.6	89.5	91.6	92.1	93.8	94.7	94.9	95.7	96.1	96.2	96.7	97.0	97.6	98.6	
GE	100		87.6	89.5	91.6	92.1	93.8	94.7	94.9	95.7	96.1	96.2	96.7	97.0	97.7	99.2	
GE	0		87.6	89.5	91.6	92.1	93.8	94.7	94.9	95.7	96.1	96.2	96.9	97.2	97.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(EST): ALL

CEILING		VISIBILITY IN STATUTE MILES																	
IN	FEET	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF
		1	10	6	5	4	3	2	1 1/2	7	1	1/2	1	1/4	1	1/4	5/8	1/2	5/16
NO CELL																			
GE	20000																		
GE	18000																		
GE	16000																		
GE	14000																		
GE	12000																		
GE	10000																		
GE	9000																		
GE	8000																		
GE	7000																		
GE	6000																		
GE	5000			85.6	87.0	88.5	88.8	89.8	90.4	90.4	91.3	91.4	91.5	91.8	91.8	92.1	92.5		
GE	4500			85.6	87.1	88.5	88.9	89.9	90.4	90.5	91.3	91.5	91.5	91.8	91.9	92.2	92.5		
GE	4000			86.7	87.8	89.3	89.7	90.8	91.4	91.5	92.5	92.6	92.7	93.1	93.1	93.4	93.9		
GE	3500			86.6	88.1	89.7	90.1	91.2	91.8	91.9	92.9	93.1	93.2	93.5	93.6	93.9	94.4		
GE	3000			86.7	88.3	90.2	90.6	91.8	92.5	92.6	93.6	93.9	93.9	94.3	94.4	94.7	95.2		
GE	2500			87.0	88.6	90.5	90.9	92.1	92.9	93.0	94.0	94.2	94.3	94.7	94.8	95.1	95.6		
GE	2000			87.3	89.0	90.9	91.4	92.7	93.5	93.6	94.8	95.0	95.1	95.5	95.6	95.9	96.5		
GE	1800			87.4	89.0	91.0	91.5	92.8	93.6	93.8	94.9	95.1	95.2	95.6	95.7	96.1	96.6		
GE	1500			87.4	89.1	91.0	91.6	93.0	93.9	94.0	95.2	95.4	95.5	95.9	96.0	96.3	96.9		
GE	1200			87.4	89.1	91.0	91.6	93.0	93.9	94.0	95.2	95.5	95.5	95.9	96.0	96.4	96.9		
GE	1000			87.5	89.2	91.1	91.6	93.1	94.0	94.2	95.5	95.8	95.9	96.3	96.4	96.8	97.4		
GE	900			87.5	89.2	91.1	91.6	93.1	94.0	94.2	95.5	95.8	95.9	96.3	96.4	96.8	97.4		
GE	800			87.5	89.2	91.1	91.6	93.1	94.0	94.2	95.5	95.9	95.9	96.6	96.7	97.0	97.7		
GE	700			87.5	89.2	91.1	91.6	93.1	94.1	94.2	95.5	95.9	96.0	96.6	96.7	97.1	97.7		
GE	650			87.5	89.2	91.1	91.6	93.1	94.1	94.3	95.6	95.9	96.1	96.7	96.9	97.2	97.9		
GE	500			87.5	89.2	91.1	91.6	93.2	94.1	94.3	95.6	96.0	96.2	96.9	97.0	97.5	98.0		
GE	400			87.5	89.2	91.1	91.7	93.2	94.1	94.3	95.7	96.0	96.2	96.9	97.0	97.6	98.4		
GE	300			87.5	89.2	91.1	91.7	93.2	94.1	94.3	95.7	96.0	96.2	96.9	97.1	97.6	98.8		
GE	200			87.5	89.2	91.1	91.7	93.2	94.1	94.3	95.7	96.0	96.2	96.9	97.1	97.6	98.8		
GE	100			87.5	89.2	91.1	91.7	93.2	94.1	94.3	95.7	96.0	96.2	96.9	97.1	97.7	99.4		
GE	0			87.5	89.2	91.1	91.7	93.2	94.1	94.3	95.7	96.1	96.2	97.0	97.2	97.8	100.0		

TOTAL NUMBER OF OBSERVATIONS: 1775

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042027 STATION NAME: THULF AB GL

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000			84.8	86.2	87.2	87.5	88.8	89.2	89.6	90.1	90.1	90.1	90.4	90.7	90.8	90.9		
GE 4500			85.4	86.7	87.8	88.1	89.4	89.8	90.1	90.7	90.7	90.7	90.9	91.3	91.4	91.5		
GE 4000			87.1	88.4	89.6	90.4	91.7	92.2	92.5	93.1	93.3	93.3	93.5	93.9	94.2	94.3		
GE 3500			87.2	88.6	89.8	90.6	92.0	92.5	92.9	93.4	93.8	93.8	94.0	94.3	94.7	94.8		
GE 3000			87.5	89.1	90.6	91.4	92.8	93.3	93.7	94.2	94.6	94.6	94.8	95.1	95.5	95.6		
GE 2500			87.5	89.1	90.6	91.4	92.8	93.5	93.9	94.5	94.8	94.8	95.0	95.4	95.7	95.8		
GE 2000			88.1	89.8	91.3	92.2	93.5	94.3	94.7	95.2	95.6	95.6	95.8	96.1	96.5	96.6		
GE 1800			88.1	89.8	91.3	92.2	93.5	94.3	94.7	95.2	95.6	95.6	95.8	96.1	96.5	96.6		
GE 1600			88.2	89.9	91.4	92.3	93.8	94.7	95.0	95.7	96.0	96.0	96.4	96.7	97.1	97.2		
GE 1400			88.2	89.9	91.4	92.3	93.8	94.7	95.0	95.7	96.0	96.0	96.4	96.7	97.1	97.2		
GE 1200			88.2	89.9	91.4	92.4	93.9	94.9	95.2	95.9	96.3	96.3	96.6	96.9	97.3	97.4		
GE 1000			88.2	89.9	91.4	92.4	93.9	94.9	95.2	95.9	96.3	96.3	96.6	96.9	97.3	97.4		
GE 900			88.3	90.0	91.5	92.5	94.0	95.0	95.4	96.0	96.4	96.4	96.6	97.3	97.6	97.7		
GE 800			88.6	90.3	91.7	92.8	94.2	95.2	95.6	96.3	96.6	96.6	97.2	97.5	97.8	98.0		
GE 700			88.7	90.4	91.8	92.9	94.3	95.4	95.7	96.4	96.7	96.7	97.3	97.6	98.0	98.1		
GE 600			88.7	90.4	91.8	92.9	94.3	95.4	95.7	96.4	96.7	96.7	97.3	97.6	98.0	98.1		
GE 500			88.7	90.4	91.8	92.9	94.3	95.4	95.7	96.4	96.7	96.7	97.3	97.6	98.0	98.1		
GE 400			88.7	90.4	91.8	92.9	94.3	95.4	95.7	96.4	96.7	96.7	97.3	97.6	98.0	98.1		
GE 300			88.7	90.4	91.8	92.9	94.3	95.4	95.7	96.4	96.7	96.7	97.3	97.6	98.0	98.1		
GE 200			88.7	90.4	91.8	92.9	94.3	95.4	95.7	96.4	96.7	96.7	97.3	97.6	98.0	98.1		
GE 100			88.7	90.4	91.8	92.9	94.3	95.4	95.7	96.4	96.7	96.7	97.3	97.6	98.0	98.1		
GE 0			88.7	90.4	91.8	92.9	94.3	95.4	95.7	96.4	96.7	96.7	97.3	97.6	98.0	98.1		

TOTAL NUMBER OF OBSERVATIONS: 283

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042027 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		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																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		84.6	86.0	87.6	88.2	89.6	89.8	90.1	91.2	91.4	91.4	91.6	91.6	91.7	91.8	
GE	4500		84.6	86.0	87.6	88.2	89.6	89.8	90.1	91.2	91.4	91.4	91.6	91.6	91.7	91.8	
GE	4000		86.1	87.5	89.2	89.8	91.6	91.8	92.2	93.2	93.5	93.5	93.7	93.7	94.1	94.3	
GE	3500		86.7	88.1	89.8	90.4	92.2	92.4	92.8	93.6	94.0	94.0	94.3	94.3	94.7	94.8	
GE	3000		86.8	88.3	90.1	90.8	92.7	92.9	93.2	94.4	94.6	94.6	94.8	94.8	95.3	95.4	
GE	2500		86.8	88.3	90.1	90.8	92.7	92.9	93.2	94.4	94.6	94.6	94.8	94.8	95.3	95.4	
GE	2000		87.6	89.1	90.9	91.6	93.6	93.8	94.1	95.4	95.6	95.6	96.1	96.1	96.6	96.7	
GE	1800		87.6	89.1	90.9	91.6	93.6	93.8	94.1	95.4	95.6	95.6	96.1	96.1	96.6	96.7	
GE	1500		87.6	89.1	90.9	91.7	94.0	94.3	94.6	95.6	96.2	96.2	96.7	96.7	97.1	97.2	
GE	1200		87.6	89.1	90.9	91.7	94.0	94.3	94.6	96.0	96.2	96.2	96.7	96.7	97.1	97.2	
GE	1000		87.6	89.1	91.0	91.8	94.4	94.6	94.9	96.4	96.7	96.7	97.1	97.1	97.6	97.7	
GE	900		87.6	89.1	91.0	91.8	94.4	94.6	94.9	96.4	96.7	96.7	97.1	97.1	97.6	97.7	
GE	800		87.6	89.1	91.0	91.8	94.5	94.7	95.1	96.6	96.8	96.8	97.6	97.6	98.0	98.2	
GE	700		87.6	89.1	91.0	91.8	94.5	94.7	95.1	96.6	96.8	96.8	97.6	97.6	98.0	98.2	
GE	600		87.6	89.1	91.0	91.8	94.5	94.7	95.1	96.6	96.8	96.9	97.7	97.7	98.2	98.3	
GE	500		87.6	89.1	91.0	91.8	94.5	94.7	95.1	96.6	96.8	96.9	97.7	97.7	98.2	98.3	
GE	400		87.6	89.1	91.0	91.8	94.5	94.7	95.1	96.7	96.9	97.0	97.8	97.8	98.3	98.4	
GE	300		87.6	89.2	91.2	92.0	94.8	95.1	95.5	97.0	97.2	97.4	98.2	98.3	98.7	98.9	
GE	200		87.6	89.2	91.2	92.0	94.8	95.1	95.5	97.0	97.2	97.4	98.3	98.5	99.1	99.3	
GE	100		87.6	89.2	91.2	92.0	94.8	95.1	95.5	97.0	97.2	97.4	98.3	98.5	99.1	99.9	
GE	0		87.6	89.2	91.2	92.0	94.8	95.1	95.5	97.0	97.2	97.4	98.3	98.5	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 971

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86

MONTH: APR HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			84.0	85.1	86.4	86.5	88.1	88.6	88.8	89.4	89.7	89.7	89.9	90.1	90.5	90.7	
GE 4500			84.1	85.2	86.5	86.6	88.2	88.8	88.9	89.7	89.9	89.9	90.1	90.3	90.7	90.9	
GE 4000			85.1	86.5	88.0	88.1	89.8	90.3	90.5	91.4	91.6	91.6	91.9	92.2	92.5	92.7	
GE 3500			85.7	87.2	88.6	88.8	90.5	91.0	91.1	92.0	92.3	92.3	92.6	92.8	93.2	93.4	
GE 3000			86.6	88.1	89.5	89.7	91.5	92.0	92.2	93.2	93.4	93.4	93.8	94.0	94.3	94.5	
GE 2500			86.9	88.4	90.0	90.1	92.2	92.7	93.0	94.0	94.3	94.3	94.5	94.8	95.1	95.3	
GE 2000			86.9	88.4	90.1	90.2	92.3	92.8	93.1	94.1	94.4	94.4	94.8	95.0	95.5	95.7	
GE 1800			86.9	88.4	90.1	90.2	92.3	92.8	93.1	94.1	94.4	94.4	94.8	95.0	95.5	95.7	
GE 1500			86.9	88.4	90.2	90.3	92.6	93.2	93.4	94.7	95.0	95.0	95.3	95.6	96.0	96.3	
GE 1200			87.3	88.8	90.7	90.9	93.2	93.8	94.0	95.2	95.6	95.6	95.9	96.1	96.6	96.8	
GE 1000			87.3	88.8	90.7	90.9	93.3	93.9	94.1	95.7	96.0	96.0	96.4	96.6	97.0	97.3	
GE 900			87.3	88.8	90.7	90.9	93.3	93.9	94.1	95.7	96.0	96.0	96.4	96.6	97.0	97.3	
GE 800			87.3	88.8	90.7	90.9	93.3	93.9	94.1	95.8	96.1	96.1	96.9	97.2	97.6	97.8	
GE 700			87.3	88.8	90.7	90.9	93.3	93.9	94.1	95.8	96.1	96.1	96.9	97.2	97.6	97.8	
GE 600			87.3	88.8	90.7	90.9	93.3	93.9	94.1	95.8	96.1	96.1	96.9	97.2	97.6	97.8	
GE 500			87.3	88.8	90.9	91.1	93.5	94.1	94.3	96.0	96.4	96.4	97.2	97.4	98.0	98.2	
GE 400			87.3	88.8	90.9	91.1	93.5	94.1	94.3	96.0	96.4	96.4	97.2	97.4	98.0	98.2	
GE 300			87.3	88.8	90.9	91.1	93.5	94.2	94.4	96.4	96.8	96.8	97.6	97.8	98.2	98.4	
GE 200			87.3	88.8	90.9	91.1	93.5	94.2	94.4	96.4	96.8	96.8	97.6	97.8	98.2	98.4	
GE 100			87.3	88.8	90.9	91.1	93.5	94.2	94.4	96.4	96.8	96.8	97.6	97.8	98.2	98.4	
GE 0			87.3	88.8	90.9	91.1	93.5	94.2	94.4	96.4	96.8	96.8	97.6	97.8	98.2	98.4	

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LEST): 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			83.2	85.1	87.1	87.2	88.7	89.1	89.1	89.5	89.5	89.6	89.6	89.7	90.0	90.0	90.5
GE 4500			84.5	85.7	87.8	87.9	89.4	89.8	89.8	90.1	90.1	90.3	90.3	90.4	90.7	90.7	91.2
GE 4000			85.8	87.1	89.2	89.8	91.3	92.0	92.0	92.3	92.3	92.4	92.4	92.6	93.0	93.0	93.4
GE 3500			86.5	87.5	89.7	90.3	92.1	92.8	92.8	93.1	93.2	93.2	93.4	93.8	93.8	94.2	94.2
GE 3000			87.3	88.6	90.9	91.6	93.5	94.3	94.3	94.7	94.7	94.8	94.8	95.0	95.4	95.4	95.8
GE 2500			87.5	88.9	91.3	92.0	94.0	94.8	94.8	95.2	95.4	95.4	95.6	95.9	95.9	96.4	96.4
GE 2000			87.9	89.4	92.0	92.9	94.9	95.7	95.7	96.1	96.3	96.3	96.5	96.8	96.8	97.3	97.3
GE 1800			87.9	89.4	92.0	92.9	94.9	95.7	95.7	96.1	96.3	96.3	96.5	96.8	96.8	97.3	97.3
GE 1500			87.9	89.4	92.0	92.9	95.2	96.0	96.0	96.6	96.7	96.7	96.9	97.3	97.3	97.7	97.7
GE 1200			87.9	89.4	92.3	93.2	95.6	96.4	96.4	96.9	97.1	97.1	97.3	97.6	97.6	98.1	98.1
GE 1000			88.2	89.7	92.5	93.5	96.0	96.8	96.8	97.4	97.5	97.5	97.7	98.1	98.1	98.5	98.5
GE 900			88.2	89.7	92.6	93.5	96.0	96.8	96.8	97.4	97.5	97.5	97.7	98.1	98.1	98.5	98.5
GE 800			88.2	89.7	92.6	93.5	96.0	96.8	96.8	97.4	97.5	97.5	97.7	98.1	98.1	98.5	98.5
GE 700			88.2	89.7	92.6	93.5	96.0	96.8	96.8	97.4	97.5	97.5	97.7	98.1	98.1	98.5	98.5
GE 600			88.4	89.9	92.9	93.8	96.3	97.1	97.1	97.6	97.8	97.8	98.2	98.5	98.5	99.1	99.1
GE 500			88.4	89.9	93.0	93.9	96.4	97.2	97.2	97.7	97.9	97.9	98.4	98.8	98.8	99.3	99.3
GE 400			88.4	89.9	93.0	93.9	96.4	97.2	97.2	97.7	97.9	97.9	98.4	98.8	98.8	99.3	99.3
GE 300			88.4	89.9	93.0	93.9	96.4	97.2	97.2	97.7	97.9	97.9	98.4	98.8	98.8	99.3	99.3
GE 200			88.4	89.9	93.0	93.9	96.4	97.2	97.2	97.7	97.9	97.9	98.4	98.8	98.8	99.3	99.3
GE 100			88.4	89.9	93.1	93.9	96.4	97.2	97.2	97.7	97.9	97.9	98.4	98.8	98.8	99.3	99.3
GE 0			88.4	89.9	93.0	93.9	96.4	97.2	97.2	97.7	97.9	97.9	98.4	98.8	98.8	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 283

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	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																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			83.4	84.7	86.3	87.2	88.3	88.9	88.9	89.0	89.4	89.4	89.5	89.6	89.6	90.2
GE 4500			83.6	85.2	86.8	87.7	88.8	89.4	89.4	89.5	89.8	89.8	89.9	90.0	90.0	90.6
GE 4000			85.0	86.4	88.1	89.1	90.3	90.8	91.0	91.2	91.7	91.7	92.1	92.2	92.2	93.1
GE 3500			86.3	87.8	89.5	90.5	91.9	92.4	92.5	92.8	93.3	93.3	93.7	93.8	93.8	94.7
GE 3000			86.7	88.1	89.8	90.8	92.2	92.9	93.0	93.2	93.8	93.8	94.5	94.6	94.6	95.5
GE 2500			86.8	88.2	89.9	91.0	92.4	93.1	93.2	93.4	94.0	94.0	94.7	94.8	94.8	95.7
GE 2000			86.8	88.6	90.5	91.6	93.4	94.2	94.3	94.7	95.2	95.4	96.0	96.2	96.2	97.1
GE 1800			86.8	88.6	90.5	91.6	93.6	94.3	94.5	94.9	95.6	95.7	96.4	96.5	96.5	97.4
GE 1500			86.8	88.6	90.5	91.9	93.8	94.6	94.7	95.1	95.8	95.9	96.6	96.7	96.7	97.6
GE 1000			87.1	88.9	90.8	92.2	94.1	94.9	95.0	95.5	96.2	96.4	97.2	97.3	97.3	98.2
GE 900			87.1	88.9	90.8	92.2	94.1	94.9	95.0	95.5	96.2	96.4	97.2	97.3	97.3	98.2
GE 800			87.1	88.9	90.8	92.2	94.1	94.9	95.0	95.5	96.2	96.4	97.2	97.3	97.3	98.2
GE 700			87.2	89.0	91.1	92.4	94.3	95.1	95.2	95.7	96.4	96.6	97.4	97.7	97.7	98.6
GE 600			87.3	89.1	91.2	92.5	94.5	95.2	95.4	95.8	96.5	96.7	97.6	98.0	98.0	98.9
GE 500			87.6	89.4	91.4	92.8	94.7	95.5	95.6	96.0	96.7	96.9	98.1	98.4	98.4	99.4
GE 400			87.6	89.4	91.4	92.8	94.8	95.6	95.7	96.2	96.8	97.1	98.2	98.6	98.6	99.7
GE 300			87.6	89.4	91.4	92.8	94.8	95.6	95.7	96.2	96.9	97.2	98.3	98.8	98.8	99.8
GE 200			87.6	89.4	91.4	92.8	94.8	95.6	95.7	96.2	96.9	97.2	98.3	98.8	98.8	99.8
GE 100			87.6	89.4	91.4	92.8	94.8	95.6	95.7	96.2	96.9	97.2	98.3	98.8	98.8	100.0
GE 0			87.6	89.4	91.4	92.8	94.8	95.6	95.7	96.2	96.9	97.2	98.3	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 984

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	10	6	5	4	3	2	1 1/2	2	1	1 1/2	1	1 1/4	1	3/4	5/8	1/2
.....																		
NO CEIL																		
GE	20000																	
GE	18000																	
GE	16000																	
GE	14000																	
GE	12000																	
GE	10000																	
GE	9000																	
GE	8000																	
GE	7000																	
GE	6000																	
GE	5000																	
GE	4500																	
GE	4000																	
GE	3500																	
GE	3000																	
GE	2500																	
GE	2000																	
GE	1800																	
GE	1600																	
GE	1500																	
GE	1200																	
GE	1000																	
GE	900																	
GE	800																	
GE	700																	
GE	600																	
GE	500																	
GE	400																	
GE	300																	
GE	200																	
GE	100																	
GE	0																	
.....																		

TOTAL NUMBER OF OBSERVATIONS: 680

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(IST): 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 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																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			95.8	86.4	87.6	87.6	89.3	90.0	90.2	90.7	90.9	91.0	91.0	91.0	91.3	
GE 4500			85.8	86.4	87.6	87.6	89.3	90.0	90.2	90.7	90.9	91.0	91.0	91.0	91.3	
GE 4000			86.6	87.2	89.2	89.2	91.0	92.0	92.3	92.7	92.9	93.1	93.1	93.1	93.5	
GE 3500			86.7	87.4	89.3	89.3	91.2	92.3	92.7	93.2	93.4	93.5	93.5	93.5	94.0	
GE 3000			86.8	87.8	89.9	89.9	91.9	93.2	93.6	94.3	94.5	94.6	94.8	94.8	95.2	
GE 2500			87.4	88.6	90.7	90.7	92.7	94.0	94.4	95.1	95.3	95.4	95.6	95.6	96.0	
GE 2000			87.9	89.2	91.2	91.2	93.3	94.6	95.3	96.0	96.2	96.4	96.5	96.5	96.9	
GE 1800			88.0	89.3	91.3	91.3	93.4	94.8	95.4	96.1	96.4	96.5	96.6	96.6	97.0	
GE 1500			88.0	89.3	91.3	91.3	93.6	95.1	95.8	96.6	96.8	96.9	97.2	97.2	97.6	
GE 1200			88.2	89.4	91.5	91.6	93.7	95.2	95.9	96.7	96.9	97.0	97.3	97.3	97.7	
GE 1000			88.2	89.4	91.5	91.8	94.0	95.4	96.1	96.9	97.2	97.3	97.5	97.5	97.9	
GE 900			88.4	89.5	91.7	92.1	94.3	95.8	96.6	97.4	97.6	97.7	97.9	97.9	98.4	
GE 800			88.6	89.9	91.9	92.4	94.5	96.0	96.8	97.6	97.8	97.9	98.2	98.2	98.7	
GE 700			88.7	90.0	92.0	92.5	94.6	96.1	96.9	97.7	97.9	98.1	98.3	98.3	98.9	
GE 600			88.8	90.1	92.1	92.6	94.8	96.2	97.0	97.8	98.1	98.2	98.4	98.4	99.0	
GE 500			88.8	90.1	92.1	92.6	94.8	96.2	97.0	97.8	98.1	98.2	98.4	98.4	99.0	
GE 400			88.8	90.1	92.1	92.6	94.8	96.2	97.0	97.8	98.1	98.2	98.4	98.4	99.0	
GE 300			88.8	90.1	92.1	92.6	94.8	96.2	97.0	97.8	98.1	98.2	98.4	98.4	99.0	
GE 200			88.8	90.1	92.1	92.6	94.8	96.2	97.0	97.8	98.1	98.2	98.4	98.4	99.0	
GE 100			88.8	90.1	92.1	92.6	94.8	96.2	97.0	97.8	98.1	98.2	98.4	98.4	99.4	
GE 0			88.8	90.1	92.1	92.6	94.8	96.2	97.0	97.8	98.1	98.2	98.4	98.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 978

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			84.1	86.0	87.1	87.3	88.5	89.3	89.5	90.0	90.2	90.2	90.3	90.4	90.4	90.4	
GE 4500			84.2	86.1	87.3	87.4	88.6	89.5	89.6	90.3	90.4	90.4	90.6	90.7	90.7	90.7	
GE 4000			85.5	87.5	89.5	89.6	91.0	92.0	92.1	92.8	93.0	93.0	93.3	93.4	93.4	93.4	
GE 3500			85.6	87.6	89.6	89.7	91.1	92.1	92.2	92.9	93.5	93.5	93.7	93.9	93.9	93.9	
GE 3000			86.0	87.9	89.9	90.2	91.5	92.6	92.7	93.5	94.3	94.3	94.7	94.8	94.8	94.8	
GE 2500			86.0	87.9	90.4	90.6	92.0	93.0	93.2	94.0	94.8	94.8	95.1	95.2	95.2	95.2	
GE 2000			87.0	89.0	91.5	92.0	93.4	94.4	94.6	95.4	96.2	96.2	96.5	96.6	96.6	96.6	
GE 1800			87.0	89.0	91.5	92.0	93.4	94.4	94.6	95.4	96.2	96.2	96.5	96.6	96.6	96.6	
GE 1500			87.1	89.1	91.8	92.4	93.7	94.8	94.9	95.8	96.6	96.6	97.3	97.5	97.5	97.5	
GE 1200			87.4	89.3	92.0	92.6	94.0	95.0	95.1	96.1	96.9	96.9	97.6	97.7	97.7	97.7	
GE 1000			87.4	89.3	92.0	92.6	94.0	95.0	95.1	96.1	96.9	96.9	97.6	97.7	97.7	97.7	
GE 900			87.4	89.3	92.0	92.6	94.0	95.0	95.1	96.1	96.9	96.9	97.6	97.7	97.7	97.7	
GE 800			87.7	89.7	92.4	92.9	94.3	95.4	95.5	96.4	97.2	97.2	97.9	98.0	98.0	98.0	
GE 700			87.7	89.7	92.4	92.9	94.3	95.4	95.5	96.4	97.2	97.2	97.9	98.0	98.0	98.0	
GE 600			87.7	89.7	92.4	92.9	94.3	95.4	95.5	96.4	97.2	97.2	97.9	98.0	98.0	98.0	
GE 500			87.7	89.7	92.5	93.0	94.4	95.5	95.6	96.5	97.3	97.3	98.0	98.1	98.1	98.1	
GE 400			87.7	89.7	92.6	93.2	94.6	95.6	95.7	96.6	97.5	97.5	98.3	98.4	98.4	98.4	
GE 300			87.7	89.7	92.7	93.3	94.8	95.8	95.9	96.9	97.7	97.7	98.5	98.6	98.6	98.6	
GE 200			87.8	89.8	92.8	93.4	94.9	95.9	96.1	97.1	97.9	97.9	98.7	98.8	99.0	99.3	
GE 100			87.8	89.8	92.8	93.4	94.9	95.9	96.1	97.1	97.9	97.9	98.7	98.8	99.0	99.7	
GE 0			87.8	89.8	92.8	93.4	94.9	95.9	96.1	97.1	97.9	97.9	98.7	98.8	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 863

GLOBAL CLIMATOLOGY BRANCH
USAF/FLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042027 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		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																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		84.3	85.6	87.0	87.3	88.7	89.3	89.4	89.9	90.1	90.1	90.3	90.4	90.5	90.7	90.7
GE	4500		84.5	85.8	87.3	87.6	88.9	89.5	89.7	90.2	90.4	90.4	90.6	90.7	90.8	91.1	91.1
GE	4000		85.8	87.2	88.9	89.4	90.8	91.5	91.7	92.3	92.5	92.6	92.8	93.0	93.2	93.4	93.4
GE	3500		86.3	87.7	89.5	89.9	91.5	92.2	92.4	93.0	93.3	93.3	93.5	93.7	93.9	94.2	94.2
GE	3000		86.7	88.2	90.1	90.6	92.2	93.0	93.2	93.9	94.2	94.2	94.5	94.7	94.9	95.2	95.2
GE	2500		86.9	88.5	90.5	91.0	92.6	93.4	93.7	94.3	94.7	94.7	95.0	95.2	95.4	95.6	95.6
GE	2000		87.4	89.0	91.1	91.7	93.4	94.3	94.5	95.2	95.6	95.6	95.9	96.1	96.3	96.6	96.6
GE	1800		87.4	89.0	91.1	91.7	93.4	94.3	94.6	95.3	95.6	95.7	96.0	96.2	96.4	96.6	96.6
GE	1500		87.5	89.1	91.2	91.8	93.7	94.6	94.9	95.7	96.1	96.1	96.5	96.7	96.9	97.2	97.2
GE	1200		87.6	89.2	91.4	92.0	93.9	94.8	95.1	96.0	96.3	96.3	96.7	96.9	97.1	97.4	97.4
GE	1000		87.7	89.3	91.5	92.2	94.2	95.1	95.4	96.3	96.6	96.7	97.1	97.3	97.5	97.8	97.8
GE	900		87.7	89.3	91.5	92.3	94.2	95.2	95.5	96.4	96.7	96.8	97.2	97.4	97.6	97.9	97.9
GE	800		87.8	89.4	91.6	92.3	94.3	95.3	95.6	96.5	96.9	96.9	97.5	97.6	97.9	98.2	98.2
GE	700		87.8	89.5	91.7	92.4	94.4	95.3	95.6	96.6	96.9	97.0	97.6	97.7	98.0	98.3	98.3
GE	600		87.9	89.6	91.8	92.5	94.5	95.4	95.7	96.7	97.1	97.2	97.7	97.9	98.2	98.5	98.5
GE	500		88.0	89.6	91.9	92.6	94.6	95.5	95.8	96.8	97.2	97.3	97.9	98.1	98.4	98.7	98.7
GE	400		88.0	89.6	91.9	92.6	94.6	95.6	95.9	96.9	97.2	97.3	98.0	98.2	98.5	98.8	98.8
GE	300		88.0	89.6	91.9	92.7	94.7	95.7	96.0	97.0	97.4	97.5	98.1	98.4	98.6	99.0	99.0
GE	200		88.0	89.6	91.9	92.7	94.7	95.7	96.0	97.0	97.4	97.5	98.2	98.5	98.8	99.4	99.4
GE	100		88.0	89.6	91.9	92.7	94.7	95.7	96.0	97.0	97.4	97.5	98.2	98.5	98.9	99.8	99.8
GE	0		88.0	89.6	91.9	92.7	94.7	95.7	96.0	97.0	97.4	97.5	98.3	98.5	98.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7022

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS (LST): 0700-0200

CEILING										VISIBILITY IN STATUTE MILES									
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL																			
GE 20000																			
GE 18000																			
GE 16000																			
GE 14000																			
GE 12000																			
GE 10000																			
GE 9000																			
GE 8000																			
GE 7000																			
GE 6000																			
GE 5000																			
GE 4500																			
GE 4000																			
GE 3500																			
GE 3000																			
GE 2500																			
GE 2000																			
GE 1800																			
GE 1500																			
GE 1200																			
GE 1000																			
GE 900																			
GE 800																			
GE 700																			
GE 600																			
GE 500																			
GE 400																			
GE 300																			
GE 200																			
GE 100																			
GE 0																			

TOTAL NUMBER OF OBSERVATIONS: 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-84
MONTH: MAY HOURS(IST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	F	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
FEET	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			75.6	76.0	76.3	76.9	77.1	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500			76.1	76.5	76.9	77.4	77.6	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000			81.8	82.3	82.6	83.1	83.4	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500			83.7	84.1	84.5	85.0	85.5	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000			85.9	86.5	86.9	87.4	87.9	88.0	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2500			87.3	87.9	88.3	88.9	89.3	89.4	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000			88.8	89.4	89.9	90.4	90.9	91.0	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1800			89.8	90.4	90.9	91.4	91.9	92.0	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1500			90.8	91.4	91.9	92.4	92.9	93.0	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200			91.4	92.0	92.5	93.0	93.5	94.0	94.5	95.0	95.5	96.0	96.5	97.0	97.5	98.0	98.5
GE 1000			92.0	92.6	93.1	93.6	94.1	94.6	95.1	95.6	96.1	96.6	97.1	97.6	98.1	98.6	99.1
GE 900			92.6	93.2	93.7	94.2	94.7	95.2	95.7	96.2	96.7	97.2	97.7	98.2	98.7	99.2	99.7
GE 800			93.2	93.8	94.3	94.8	95.3	95.8	96.3	96.8	97.3	97.8	98.3	98.8	99.3	99.8	100.0
GE 700			93.8	94.4	94.9	95.4	95.9	96.4	96.9	97.4	97.9	98.4	98.9	99.4	99.9	100.0	100.0
GE 600			94.4	95.0	95.5	96.0	96.5	97.0	97.5	98.0	98.5	99.0	99.5	100.0	100.0	100.0	100.0
GE 500			95.0	95.6	96.1	96.6	97.1	97.6	98.1	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0
GE 400			95.6	96.2	96.7	97.2	97.7	98.2	98.7	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			96.2	96.8	97.3	97.8	98.3	98.8	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			96.8	97.4	97.9	98.4	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			97.4	98.0	98.5	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			98.0	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FE	GE	GE	GE	GE	GE	GE	GE	GF	GE	GE	GE	FE	GE	GE	GE	GE
FELT		10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			73.3	73.7	73.8	74.3	74.4	74.5	74.5	75.3	75.3	75.3	75.3	76.0	76.0	76.0	76.0
GE 4500			73.7	74.0	74.1	74.6	74.8	74.9	74.9	75.6	75.6	75.6	75.6	76.3	76.3	76.3	76.3
GE 4000			81.3	81.7	81.9	82.4	82.5	82.6	82.6	83.4	83.4	83.4	83.4	84.0	84.0	84.0	84.0
GE 3500			83.7	84.2	84.4	84.9	85.4	85.5	85.5	86.2	86.2	86.2	86.2	86.9	86.9	86.9	86.9
GE 3000			86.1	86.6	86.8	87.3	87.9	88.0	88.0	88.7	88.7	88.7	88.7	89.4	89.4	89.4	89.4
GE 2500			87.2	87.7	88.0	88.5	89.1	89.2	89.2	89.9	89.9	89.9	89.9	90.6	90.6	90.6	90.6
GE 2000			88.9	89.4	89.9	90.6	91.4	91.5	91.5	92.2	92.2	92.2	92.2	92.9	92.9	92.9	92.9
GE 1800			89.1	89.6	90.2	90.8	91.6	91.7	91.7	92.5	92.5	92.5	92.5	93.1	93.1	93.1	93.1
GE 1500			90.1	90.6	91.1	91.8	92.6	92.7	92.7	93.4	93.4	93.4	93.4	94.1	94.1	94.1	94.1
GE 1200			91.3	91.9	92.5	93.1	93.9	94.0	94.0	94.8	94.8	94.8	94.8	95.4	95.4	95.4	95.4
GE 1000			91.7	92.3	92.9	93.6	94.3	94.4	94.5	95.5	95.5	95.5	95.5	96.2	96.2	96.2	96.2
GE 900			91.7	92.3	92.9	93.6	94.3	94.4	94.5	95.5	95.5	95.5	95.5	96.2	96.2	96.2	96.2
GE 800			92.0	92.7	93.2	93.9	94.6	94.6	94.9	96.0	96.0	96.0	96.0	96.6	96.6	96.6	96.6
GE 700			92.3	93.0	93.7	94.3	95.2	95.3	95.4	96.5	96.5	96.5	96.5	97.3	97.3	97.3	97.3
GE 600			92.7	93.3	94.0	94.6	95.5	95.6	95.7	96.8	96.8	96.8	96.8	97.6	97.6	97.6	97.6
GE 500			93.0	93.7	94.3	95.0	95.8	96.0	96.1	97.2	97.2	97.3	97.3	97.9	97.9	97.9	97.9
GE 400			93.1	93.8	94.4	95.2	96.1	96.2	96.3	97.4	97.4	97.5	97.5	98.1	98.1	98.1	98.1
GE 300			93.2	93.9	94.6	95.4	96.4	96.5	96.6	97.7	97.7	97.8	97.8	98.5	98.5	98.5	98.5
GE 200			93.2	93.9	94.6	95.4	96.5	96.6	96.8	97.9	97.9	98.1	98.1	98.8	98.8	98.8	98.8
GE 100			93.2	94.0	94.9	95.5	96.6	96.9	97.0	98.3	98.3	98.4	98.5	99.2	99.2	99.2	99.2
GE 0			93.2	94.0	94.9	95.5	96.6	96.9	97.0	98.3	98.3	98.4	98.5	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																		
GE	20000																	
GE	18000																	
GE	16000																	
GE	14000																	
GE	12000																	
GE	10000																	
GE	9000																	
GE	8000																	
GE	7000																	
GE	6000																	
GE	5000																	
GE	4500																	
GE	4000																	
GE	3500																	
GE	3000																	
GE	2500																	
GE	2000																	
GE	1800																	
GE	1500																	
GE	1200																	
GE	1000																	
GE	900																	
GE	800																	
GE	700																	
GE	600																	
GE	500																	
GE	400																	
GE	300																	
GE	200																	
GE	100																	
GE	0																	

TOTAL NUMBER OF OBSERVATIONS: 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-84
MONTH: MAY HOURS (LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1400																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 91P

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES																	
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		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	G		
NO CLIL																			
GE	20000																		
GE	18000																		
GE	16000																		
GE	14000																		
GE	12000																		
GE	10000																		
GE	9000																		
GE	8000																		
GE	7000																		
GE	6000																		
GE	5000			75.1	75.5	76.4	76.5	76.6	76.6	76.9	77.2	77.4	77.4	77.5	77.5	77.6	77.6		
GE	4500			75.5	75.9	76.8	76.9	77.0	77.0	77.4	77.7	77.8	77.8	77.9	77.9	78.0	78.0		
GE	4000			79.4	79.9	80.7	80.9	81.0	81.1	81.4	81.8	81.9	81.9	82.1	82.1	82.2	82.2		
GE	3500			81.2	81.6	82.6	82.7	82.8	83.2	83.5	83.9	84.0	84.0	84.1	84.1	84.2	84.2		
GE	3000			84.4	84.8	85.9	86.0	86.1	86.4	86.8	87.2	87.3	87.3	87.4	87.4	87.5	87.5		
GE	2500			85.7	86.3	87.4	87.5	87.6	88.0	88.3	88.7	88.8	88.8	88.9	88.9	89.1	89.1		
GE	2000			87.9	88.7	89.9	90.0	90.5	91.1	91.5	91.9	92.0	92.0	92.1	92.1	92.2	92.2		
GE	1800			88.1	88.9	90.2	90.3	90.7	91.4	91.7	92.1	92.2	92.2	92.3	92.3	92.5	92.5		
GE	1500			89.5	90.2	91.4	91.5	92.2	92.9	93.2	93.7	93.8	93.8	93.9	93.9	94.0	94.0		
GE	1200			89.8	90.7	91.9	92.0	92.8	93.4	93.8	94.2	94.3	94.3	94.4	94.4	94.5	94.5		
GE	1000			90.6	91.5	92.9	93.1	94.2	94.9	95.4	95.8	96.0	96.0	96.3	96.3	96.4	96.4		
GE	900			90.6	91.6	92.9	93.1	94.2	94.9	95.4	95.8	96.0	96.0	96.3	96.3	96.4	96.4		
GE	800			91.0	92.0	93.3	93.5	94.6	95.3	95.8	96.4	96.5	96.5	96.8	96.8	96.9	96.9		
GE	700			91.1	92.1	93.4	93.7	94.7	95.4	96.0	96.5	96.6	96.6	96.9	96.9	97.0	97.0		
GE	600			91.7	92.7	94.0	94.2	95.4	96.1	96.6	97.4	97.5	97.5	97.8	97.8	97.9	97.9		
GE	500			91.7	92.7	94.0	94.2	95.4	96.1	96.6	97.4	97.5	97.5	97.8	97.8	97.9	97.9		
GE	400			91.5	92.9	94.2	94.4	95.6	96.3	96.8	97.6	97.7	97.7	98.1	98.1	98.2	98.2		
GE	300			92.1	93.1	94.4	94.6	95.8	96.5	97.0	97.8	97.9	97.9	98.4	98.4	98.0	99.0		
GE	200			92.1	93.1	94.4	95.0	96.2	96.9	97.5	98.2	98.5	98.5	98.9	98.9	99.6	99.7		
GE	100			92.3	93.3	94.6	95.2	96.5	97.3	97.8	98.6	98.8	98.8	99.2	99.2	99.9	100.0		
GE	0			92.3	93.3	94.6	95.2	96.5	97.3	97.8	98.6	98.8	98.8	99.2	99.2	99.9	100.0		

TOTAL NUMBER OF OBSERVATIONS: 214

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
.....																	
NO CELL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			74.1	74.8	75.9	76.2	76.3	76.3	76.4	76.8	76.8	76.8	76.8	76.9	76.9	77.1	77.1
GE 4500			74.5	75.2	76.3	76.6	76.7	76.7	76.8	77.3	77.3	77.3	77.3	77.4	77.4	77.5	77.5
GE 4000			78.0	78.7	79.8	80.1	80.2	80.2	80.4	80.8	80.8	80.8	80.8	80.9	80.9	81.0	81.0
GE 3500			79.6	80.5	81.6	82.0	82.1	82.1	82.2	82.7	82.7	82.7	82.7	82.8	82.8	82.9	82.9
GE 3000			83.6	84.5	85.6	86.1	86.2	86.2	86.3	86.7	86.7	86.7	86.7	86.8	86.8	86.9	86.9
GE 2500				85.5	86.5	87.7	88.1	88.4	88.4	88.5	88.9	88.9	88.9	89.0	89.0	89.1	89.1
GE 2000				87.3	88.5	90.0	90.5	90.7	90.7	90.9	91.3	91.3	91.3	91.4	91.4	91.5	91.5
GE 1800				87.7	88.9	90.5	90.9	91.1	91.1	91.3	91.8	91.8	91.8	91.9	91.9	92.0	92.0
GE 1500				89.4	90.7	92.3	92.9	93.3	93.3	93.5	94.0	94.0	94.0	94.1	94.1	94.2	94.2
GE 1200				91.0	91.3	93.1	93.6	94.1	94.1	94.3	94.7	94.7	94.7	94.8	94.8	95.0	95.0
GE 1000				90.6	91.9	93.6	94.2	94.8	94.8	95.1	95.5	95.5	95.5	95.8	95.8	96.0	96.0
GE 900				90.6	91.9	93.6	94.2	94.8	94.8	95.1	95.5	95.5	95.5	95.8	95.8	96.0	96.0
GE 800				90.6	91.9	93.6	94.2	94.8	94.8	95.1	95.7	95.7	95.7	96.0	96.0	96.5	96.5
GE 700				90.7	92.0	93.7	94.3	95.0	95.0	95.2	95.8	95.8	95.8	96.2	96.2	96.6	96.6
GE 600				91.0	92.3	94.1	94.6	95.3	95.3	95.5	96.2	96.2	96.2	96.5	96.5	96.9	96.9
GE 500				91.1	92.4	94.3	94.8	95.5	95.7	95.9	96.6	96.6	96.6	96.9	96.9	97.4	97.4
GE 400				91.8	93.1	95.2	95.7	96.4	96.6	96.8	97.5	97.5	97.5	97.8	97.8	98.2	98.2
GE 300				92.0	93.3	95.4	95.9	96.6	96.8	97.0	97.7	97.7	97.7	98.1	98.2	98.9	98.9
GE 200				92.1	93.3	95.4	96.0	96.8	97.0	97.3	98.0	98.1	98.1	98.6	98.7	99.3	99.3
GE 100				92.0	93.3	95.4	96.0	96.8	97.0	97.3	98.0	98.1	98.1	98.6	98.8	99.7	99.7
GE 0				92.0	93.3	95.4	96.0	96.8	97.0	97.3	98.0	98.1	98.1	98.7	98.9	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 711

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			74.0	75.4	75.9	76.1	76.2	76.5	76.5	76.7	76.9	76.5	77.4	77.4	77.4
GE 4500			74.7	76.0	76.6	76.8	76.9	77.1	77.1	77.4	77.5	77.5	78.3	78.3	78.3
GE 4000			79.5	79.9	80.5	80.7	80.8	81.0	81.0	81.2	81.4	81.4	81.7	81.9	81.9
GE 3500			80.5	82.1	82.7	82.9	83.0	83.2	83.2	83.5	83.6	83.6	84.1	84.1	84.1
GE 3000			82.9	84.6	85.1	85.3	85.5	85.7	85.7	85.9	86.0	86.0	86.6	86.6	86.6
GE 2500			84.6	86.2	86.8	87.0	87.1	87.3	87.3	87.6	87.7	87.7	88.2	88.2	88.2
GE 2000			85.7	87.8	88.5	88.7	88.8	89.0	89.0	89.2	89.5	89.5	90.1	90.1	90.1
GE 1500			88.6	90.3	91.0	91.2	91.3	91.6	91.8	92.0	92.1	92.1	92.7	92.7	92.7
GE 1000			89.7	91.7	92.5	92.7	92.8	93.1	93.2	93.5	93.6	93.6	94.1	94.1	94.1
GE 700			89.9	91.9	92.8	93.0	93.1	93.3	93.6	93.8	93.9	93.9	94.5	94.5	94.5
GE 500			93.2	92.2	93.1	93.3	93.8	94.0	94.2	94.6	94.7	94.7	95.2	95.2	95.2
GE 400			93.2	92.2	93.1	93.3	93.8	94.0	94.2	94.6	94.7	94.7	95.2	95.2	95.2
GE 300			90.7	92.5	93.3	93.6	94.0	94.3	94.6	94.9	95.0	95.0	95.6	95.6	95.6
GE 200			90.8	92.8	93.7	93.9	94.3	94.7	94.9	95.2	95.3	95.3	95.9	95.9	95.9
GE 100			90.9	92.9	93.8	94.0	94.5	95.0	95.2	95.6	95.7	95.7	96.2	96.2	96.2
GE 50			91.1	93.2	94.1	94.3	94.7	95.2	95.7	96.1	96.1	96.1	96.7	96.7	96.7
GE 40			91.5	93.5	94.5	94.7	95.1	95.8	96.0	96.3	96.3	96.3	97.0	97.0	97.0
GE 30			91.8	93.8	94.9	95.1	95.4	96.1	96.3	96.7	96.8	96.8	97.3	97.3	97.3
GE 20			92.2	94.2	95.2	95.4	95.9	96.6	96.8	97.1	97.1	97.1	97.7	97.7	97.7
GE 10			92.2	94.2	95.2	95.4	95.9	96.6	96.8	97.1	97.1	97.1	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS: 961

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULI AB QL

PERIOD OF RECORD: 77-84
MONTH: MAY HOURS: 01-23 ALT

CEILING		VISIBILITY IN STATUTE MILES													
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	1	1/2	1	1/4	1/8	1/16	0

NO CELT

GE 20000
GE 18000
GE 16000
GE 14000
GE 12000

GE 10000
GE 8000
GE 6000
GE 4000
GE 2000

GE 1000
GE 800
GE 600
GE 400
GE 200

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

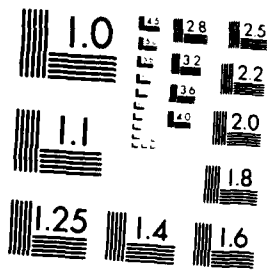
AD-A187 837

THULE AB GREENLAND REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 12 MAY 87
USAFETAC/DS-87/824 F/C 4/2

3/2

UNCLASSIFIED

NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042920 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GF 20000																
GF 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GF 6000																
GE 5000		62.9	63.8	64.3	64.4	64.7	65.0	65.1	65.4	65.5	65.5	66.2	66.3	66.7	66.8	
GE 4500		63.5	64.4	64.9	65.0	65.3	65.5	65.6	66.0	66.1	66.1	66.8	66.9	67.2	67.3	
GE 4000		68.8	69.7	70.2	70.3	70.8	71.2	71.3	71.6	71.8	71.8	72.4	72.5	72.9	73.0	
GE 3500		71.5	72.4	72.9	73.0	73.6	73.9	74.0	74.4	74.5	74.5	75.1	75.3	75.6	75.7	
GF 3000		73.4	74.5	75.0	75.3	75.8	76.2	76.3	76.7	76.8	76.8	77.5	77.6	78.1	78.2	
GE 2500		74.8	75.9	76.6	76.9	77.5	78.1	78.2	78.6	78.8	78.8	79.4	79.5	80.0	80.1	
GF 2000		75.9	77.3	78.0	78.3	78.9	79.5	79.7	80.1	80.2	80.2	80.9	81.0	81.5	81.6	
GE 1800		76.0	77.4	78.1	78.4	79.0	79.7	79.8	80.2	80.3	80.3	81.0	81.1	81.6	81.7	
GE 1500		76.6	78.0	78.6	79.0	79.8	80.5	80.6	81.0	81.1	81.1	81.8	81.9	82.4	82.5	
GE 1200		76.8	78.4	79.1	79.4	80.3	81.0	81.1	81.6	81.7	81.7	82.4	82.5	82.9	83.1	
GE 1000		77.5	79.1	79.9	80.1	81.6	82.3	82.4	82.8	82.9	82.9	83.6	83.7	84.2	84.3	
GF 900		78.2	79.8	80.5	80.8	82.3	82.9	83.1	83.5	83.6	83.6	84.3	84.4	84.9	85.0	
GE 800		78.6	80.2	80.9	81.2	82.7	83.4	83.5	84.1	84.2	84.2	84.9	85.0	85.4	85.5	
GE 700		79.4	81.0	81.7	82.0	83.5	84.2	84.3	84.9	85.0	85.0	85.6	85.8	86.2	86.3	
GF 600		79.4	81.0	81.7	82.6	84.1	85.0	85.1	85.9	86.0	86.0	86.7	86.9	87.3	87.5	
GE 500		80.1	81.7	82.6	83.5	85.2	86.1	86.2	87.0	87.1	87.1	88.4	88.6	89.0	89.2	
GF 400		80.3	82.0	82.9	84.5	86.4	87.6	87.8	88.7	89.2	89.2	90.5	90.7	91.5	91.6	
GE 300		80.6	82.3	83.6	85.2	87.1	88.2	88.8	90.3	90.7	90.7	92.2	92.4	93.9	94.1	
GE 200		80.9	82.6	84.0	85.5	87.5	88.6	89.6	91.4	91.9	91.9	93.6	93.8	97.2	97.6	
GF 100		80.9	82.6	84.0	85.6	87.6	88.8	89.8	91.5	92.2	92.2	94.6	94.9	99.2	99.7	
GF 0		80.9	82.6	84.0	85.8	87.7	88.9	89.9	91.9	92.3	92.3	94.7	95.1	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				60.9	61.9	62.0	62.3	62.4	62.8	62.8	63.3	63.5	63.5	63.9	64.1	64.2	64.2
GE 4500				61.4	62.4	62.5	62.9	63.0	63.3	63.3	63.9	64.1	64.1	64.4	64.7	64.8	64.8
GE 4000				67.7	68.8	68.9	69.4	69.5	69.8	69.8	70.4	70.6	70.6	70.9	71.1	71.3	71.3
GE 3500				70.1	71.3	71.4	71.9	72.0	72.4	72.4	72.9	73.2	73.2	73.5	73.7	73.8	73.8
GE 3000				71.5	72.7	73.3	73.8	74.0	74.4	74.4	74.9	75.2	75.2	75.5	75.7	75.8	75.8
GE 2500				72.9	74.2	75.1	75.6	75.8	76.2	76.2	76.7	77.0	77.0	77.3	77.5	77.6	77.6
GE 2000				73.5	74.8	75.7	76.3	76.5	77.2	77.2	77.7	78.0	78.0	78.3	78.5	78.6	78.6
GE 1800				73.6	74.9	75.8	76.4	76.6	77.3	77.3	77.9	78.1	78.1	78.4	78.6	78.7	78.7
GE 1500				74.5	75.8	76.7	77.3	77.7	78.4	78.4	79.0	79.2	79.2	79.5	79.8	79.9	79.9
GE 1200				74.6	76.0	76.8	77.4	77.9	78.5	78.5	79.1	79.3	79.3	79.6	79.9	80.0	80.0
GE 1000				75.5	76.8	77.7	78.3	79.1	79.8	79.8	80.3	80.5	80.5	81.0	81.2	81.3	81.3
GE 900				76.1	77.4	78.3	78.9	79.6	80.3	80.3	80.9	81.1	81.1	81.5	81.8	81.9	81.9
GE 800				77.3	78.6	79.5	80.1	80.9	81.7	81.7	82.2	82.4	82.4	83.1	83.3	83.4	83.4
GE 700				78.1	79.4	80.3	81.0	81.8	82.7	82.7	83.4	83.7	83.7	84.3	84.6	84.7	84.7
GE 600				78.9	80.2	81.1	82.0	82.8	83.9	83.9	84.8	85.2	85.2	85.9	86.1	86.2	86.2
GE 500				79.3	80.6	81.8	82.8	83.8	84.9	84.9	85.8	86.5	86.5	87.6	87.8	87.9	87.9
GE 400				80.2	81.8	83.0	84.0	85.1	86.2	86.2	87.4	88.0	88.0	89.5	89.7	90.0	90.0
GE 300				80.9	82.4	84.2	85.2	86.7	87.8	87.8	89.6	90.6	90.6	92.8	93.1	93.7	93.7
GE 200				80.9	82.6	84.3	85.3	87.0	88.1	88.6	90.6	91.6	91.6	94.9	95.1	97.7	97.9
GE 100				80.9	82.7	84.5	85.5	87.2	88.4	88.8	90.9	91.9	91.9	95.7	96.2	99.4	99.7
GE 0				80.9	82.7	84.5	85.5	87.2	88.4	88.8	90.9	91.9	91.9	96.0	96.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			58.9	60.4	61.1	61.4	61.9	62.2	62.4	62.5	62.9	62.9	63.4	63.8	64.0	64.0
GE 4500			59.7	61.2	61.9	62.2	62.7	63.0	63.2	63.3	63.7	63.7	64.2	64.6	64.8	64.8
GE 4000			65.6	67.0	67.7	68.1	68.5	68.8	69.1	69.3	69.6	69.6	70.2	70.6	70.9	70.9
GE 3500			67.6	69.2	70.0	70.3	70.8	71.1	71.3	71.5	71.9	71.9	72.4	72.9	73.1	73.1
GE 3000			70.0	71.5	72.6	73.0	73.6	73.9	74.1	74.4	74.7	74.7	75.3	75.7	75.9	75.9
GE 2500			71.7	73.2	74.5	74.9	75.6	75.9	76.2	76.4	76.7	76.7	77.3	77.7	78.0	78.0
GE 2000			72.1	73.7	75.0	75.6	76.6	77.1	77.3	77.5	77.8	77.8	78.5	79.0	79.2	79.2
GE 1800			72.1	73.7	75.0	75.6	76.6	77.1	77.3	77.5	77.8	77.8	78.5	79.0	79.2	79.2
GE 1500			73.6	75.4	76.7	77.3	78.3	78.7	79.0	79.2	79.5	79.5	80.2	80.7	80.9	80.9
GE 1200			74.7	76.3	77.6	78.2	79.2	79.6	79.9	80.1	80.4	80.4	81.1	81.6	81.8	81.8
GE 1000			75.3	76.9	78.3	78.9	80.1	80.8	81.0	81.2	81.7	81.7	82.3	82.8	83.1	83.1
GE 900			75.4	77.1	78.4	79.0	80.2	80.9	81.1	81.3	81.9	81.8	82.5	82.9	83.2	83.2
GE 800			75.6	77.5	78.9	79.4	80.9	81.7	81.9	82.2	82.7	82.7	83.4	83.8	84.1	84.1
GE 700			76.8	78.6	80.0	80.5	82.1	82.9	83.1	83.5	83.9	83.9	84.6	85.0	85.4	85.4
GE 600			76.8	78.9	80.2	80.8	82.6	83.4	83.6	83.9	84.4	84.4	85.2	85.6	85.9	85.9
GE 500			77.7	79.8	81.2	81.8	84.1	84.9	85.2	85.7	86.2	86.2	87.5	88.0	88.5	88.5
GE 400			78.2	80.2	81.8	82.7	85.2	85.9	86.2	86.7	87.4	87.4	89.4	90.1	90.8	90.9
GE 300			78.4	80.4	82.5	83.5	86.1	87.0	87.3	88.3	89.1	89.1	91.8	92.5	93.6	93.7
GE 200			79.1	81.1	83.1	84.3	87.0	88.0	88.4	89.5	90.6	90.6	94.5	95.2	98.2	98.4
GE 100			79.2	81.2	83.2	84.4	87.1	88.3	88.8	89.9	90.9	90.9	95.4	96.1	99.3	99.9
GE 0			79.2	81.2	83.2	84.4	87.1	88.3	88.8	89.9	90.9	90.9	95.4	96.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAÇ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		63.8	64.2	64.9	65.1	65.3	65.6	66.0	66.1	66.3	66.3	66.4	66.7	66.8	66.8	
GE	4500		65.5	65.9	66.6	66.8	67.0	67.5	67.7	67.8	68.0	68.0	68.1	68.4	68.5	68.5	
GE	4000		69.4	69.6	70.5	70.7	71.0	71.4	71.7	71.8	72.0	72.0	72.1	72.3	72.4	72.4	
GE	3500		71.3	71.8	72.4	72.7	72.9	73.4	73.6	73.7	73.9	73.9	74.0	74.3	74.4	74.4	
GE	3000		74.4	75.1	75.7	76.1	76.4	77.0	77.2	77.4	77.7	77.7	77.8	78.0	78.1	78.1	
GE	2500		76.6	77.3	78.2	78.6	79.1	79.7	79.9	80.2	80.4	80.4	80.6	80.8	81.0	81.0	
GE	2000		77.7	78.3	79.4	79.7	80.8	81.4	81.6	81.9	82.1	82.1	82.3	82.5	82.7	82.7	
GE	1800		78.6	78.7	79.7	80.0	81.2	81.7	82.0	82.2	82.4	82.4	82.7	82.9	83.0	83.0	
GE	1500		79.7	80.5	81.5	81.9	83.0	83.6	83.8	84.2	84.5	84.5	84.7	84.9	85.0	85.0	
GE	1200		79.7	80.5	81.5	81.9	83.0	83.6	83.8	84.2	84.5	84.5	84.7	84.9	85.0	85.0	
GE	1000		80.0	81.0	82.0	82.3	83.6	84.1	84.4	84.9	85.3	85.3	85.5	85.7	85.8	85.8	
GE	900		80.2	81.1	82.1	82.4	83.7	84.2	84.5	85.0	85.4	85.4	85.6	85.8	85.9	85.9	
GE	800		80.8	81.7	82.8	83.1	84.4	84.9	85.1	85.7	86.1	86.1	86.3	86.5	86.6	86.6	
GE	700		81.3	82.2	83.2	83.6	84.8	85.4	85.6	86.2	86.5	86.5	86.7	87.0	87.1	87.1	
GE	600		81.9	82.8	83.4	84.1	85.7	86.3	86.5	87.1	87.4	87.4	87.6	87.9	88.0	88.0	
GE	500		83.0	83.9	85.0	85.5	87.3	87.9	88.1	89.2	89.7	89.7	89.9	90.1	90.2	90.2	
GE	400		84.0	85.4	87.0	87.4	89.2	90.0	90.2	91.4	92.1	92.2	92.6	92.9	93.0	93.0	
GE	300		84.5	85.9	87.8	88.2	90.5	91.3	91.5	93.0	94.0	94.4	95.1	95.7	95.9	95.9	
GE	200		84.9	86.4	88.2	88.8	91.2	92.0	92.2	94.2	95.5	95.9	97.4	98.4	99.2	99.2	
GE	100		84.9	86.4	88.2	88.8	91.2	92.0	92.2	94.6	95.9	96.4	98.1	99.1	100.0	100.0	
GE	0		84.4	86.4	88.2	88.8	91.2	92.0	92.2	94.6	95.9	96.4	98.1	99.1	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-84
MONTH: JUN HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1/4	GE 1/8	GE 1/16	GE 1/32	GE 1/64	GE 1/128	GE 1/256	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			66.6	67.0	67.2	67.3	67.5	68.6	69.1	69.6	69.9	69.9	70.4	70.6	70.6	70.6	
GE 4500			68.3	68.7	68.9	69.0	69.2	70.3	70.8	71.3	71.6	71.6	72.1	72.3	72.3	72.3	
GE 4000			72.1	72.8	73.3	73.4	73.7	74.7	75.3	75.7	76.0	76.0	76.5	76.7	76.7	76.7	
GE 3500			74.8	75.6	76.2	76.3	76.5	77.5	78.1	78.5	78.9	78.9	79.3	79.6	79.6	79.6	
GE 3000			76.8	77.8	78.3	78.4	78.7	79.9	80.5	80.9	81.3	81.3	81.7	82.0	82.0	82.0	
GE 2500			79.3	80.2	80.8	80.9	81.3	82.5	83.1	83.5	83.9	83.9	84.3	84.6	84.6	84.6	
GE 2000			81.2	82.1	82.7	82.9	83.4	84.7	85.2	85.7	86.0	86.0	86.5	86.7	86.7	86.7	
GE 1600			81.3	82.2	82.9	83.0	83.5	84.8	85.4	85.8	86.2	86.2	86.6	86.8	86.8	86.8	
GE 1500			82.1	83.0	83.7	83.8	84.4	85.7	86.3	86.7	87.1	87.1	87.5	87.7	87.7	87.7	
GE 1200			82.2	83.1	83.8	84.0	84.8	86.0	86.6	87.2	87.5	87.5	88.0	88.2	88.2	88.2	
GE 1000			82.7	83.7	84.3	84.7	85.6	86.8	87.4	88.1	88.4	88.4	88.9	89.1	89.1	89.1	
GE 900			83.3	84.2	84.9	85.2	86.2	87.4	88.0	88.6	89.0	89.0	89.4	89.7	89.7	89.7	
GE 800			83.8	84.7	85.4	85.7	86.6	88.0	88.5	89.2	89.6	89.6	90.0	90.2	90.2	90.2	
GE 700			84.6	85.5	86.2	86.5	87.4	88.8	89.3	90.0	90.4	90.4	90.8	91.0	91.0	91.0	
GE 600			85.4	86.3	86.9	87.3	88.3	89.7	90.2	90.9	91.3	91.3	91.8	92.1	92.1	92.1	
GE 500			85.7	86.6	87.3	87.6	88.6	90.0	90.7	91.4	91.7	91.7	92.3	92.5	92.5	92.5	
GE 400			86.6	87.6	88.3	88.9	89.9	91.3	91.9	92.7	93.1	93.1	94.0	94.2	94.2	94.2	
GE 300			88.2	89.2	90.1	90.5	91.5	92.6	93.6	94.6	95.1	95.1	96.4	96.7	96.7	96.7	
GE 200			88.3	89.3	90.4	90.8	91.8	93.3	94.2	95.2	96.3	96.6	98.0	98.4	99.0	99.0	
GE 100			88.6	89.7	90.7	91.1	92.2	93.9	94.6	95.9	96.9	97.3	98.8	99.4	100.0	100.0	
GE 0			88.6	89.7	90.7	91.1	92.2	93.9	94.8	95.9	96.9	97.3	98.8	99.4	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			67.9	68.1	68.6	68.8	69.3	69.9	70.4	70.8	71.3	71.3	72.0	72.4	72.5	72.5
GE 4500			68.5	68.7	69.2	69.4	69.8	70.5	71.0	71.4	71.9	71.9	72.5	73.0	73.1	73.1
GE 4000			72.2	72.4	72.9	73.4	73.9	74.6	75.0	75.5	75.9	75.9	76.6	77.1	77.2	77.2
GE 3500			75.0	75.3	75.7	76.3	76.7	77.4	77.9	78.3	78.8	79.6	79.4	79.9	80.0	80.0
GE 3000			76.6	76.9	77.4	78.0	78.5	79.3	79.8	80.2	80.7	80.7	81.4	81.8	81.9	81.9
GE 2500			78.5	78.9	79.5	80.2	80.9	81.7	82.1	82.6	83.1	83.1	83.7	84.2	84.3	84.3
GE 2000			79.7	80.0	80.7	81.4	82.0	82.8	83.3	83.7	84.2	84.2	84.9	85.3	85.4	85.4
GE 1800			79.9	80.2	80.9	81.6	82.3	83.1	83.5	84.0	84.4	84.4	85.1	85.5	85.6	85.6
GE 1500			80.1	80.5	81.1	81.8	82.5	83.3	83.7	84.2	84.6	84.6	85.3	85.8	85.9	85.9
GE 1200			80.2	80.7	81.4	82.0	82.7	83.5	84.0	84.4	84.9	84.9	85.5	86.0	86.1	86.1
GE 1000			80.6	81.1	81.8	82.6	83.4	84.3	84.7	85.4	85.9	85.9	86.6	87.0	87.1	87.1
GE 900			81.0	81.6	82.3	83.1	83.8	84.7	85.2	85.9	86.3	86.3	87.0	87.5	87.6	87.6
GE 800			82.0	82.6	83.3	84.1	84.9	85.9	86.3	87.1	87.6	87.6	88.2	88.7	88.8	88.8
GE 700			83.5	84.1	84.7	85.5	86.4	87.5	87.9	88.7	89.2	89.2	89.8	90.3	90.4	90.4
GE 600			84.5	85.1	85.8	86.6	87.7	88.7	89.2	89.9	90.4	90.4	91.1	91.5	91.6	91.6
GE 500			84.5	85.2	85.9	86.8	88.0	89.0	89.5	90.4	90.8	90.8	91.6	92.1	92.2	92.2
GE 400			84.7	85.4	86.1	87.1	88.5	89.5	89.9	91.0	91.4	91.4	92.4	92.9	93.1	93.1
GE 300			85.6	86.4	87.1	88.1	89.7	90.7	91.2	92.5	93.1	93.1	94.7	95.1	95.4	95.4
GE 200			86.0	86.8	87.5	88.5	90.4	91.6	92.5	94.4	95.0	95.0	97.3	97.7	98.4	98.4
GE 100			86.1	86.9	87.6	88.6	90.5	91.8	92.7	94.7	95.4	95.4	98.3	98.9	99.9	99.9
GE 0			86.1	86.9	87.6	88.6	90.5	91.9	92.8	94.8	95.5	95.5	98.4	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 485

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			65.3	66.1	66.6	67.1	67.6	67.8	67.9	68.2	68.6	68.6	68.8	69.3	69.3	69.4	
GE 4500			66.1	66.9	67.3	67.9	68.4	68.6	68.7	69.0	69.4	69.4	69.6	70.0	70.0	70.2	
GE 4000			70.5	71.4	71.8	72.4	73.0	73.2	73.3	73.6	74.0	74.0	74.2	74.7	74.7	74.8	
GE 3500			72.5	73.4	73.9	74.7	75.2	75.5	75.6	75.9	76.2	76.2	76.5	76.9	76.9	77.0	
GE 3000			75.9	76.9	77.6	78.4	79.1	79.3	79.4	79.8	80.2	80.3	80.5	81.0	81.0	81.1	
GE 2500			77.9	78.9	80.0	80.7	81.5	81.8	81.9	82.3	82.7	82.8	83.0	83.4	83.4	83.6	
GE 2000			78.8	79.8	81.0	81.8	82.5	82.8	82.9	83.3	83.7	83.8	84.0	84.5	84.5	84.6	
GE 1800			79.2	80.2	81.4	82.2	83.0	83.2	83.3	83.8	84.1	84.2	84.5	84.9	84.9	85.0	
GE 1500			79.7	80.7	82.3	83.1	83.9	84.1	84.2	85.0	85.4	85.5	85.7	86.1	86.1	86.3	
GE 1200			80.1	81.1	82.7	83.4	84.3	84.6	84.7	85.6	85.9	86.0	86.3	86.7	86.7	86.8	
GE 1000			80.9	81.9	83.4	84.2	85.7	85.9	86.0	87.3	87.6	87.7	88.0	88.4	88.4	88.5	
GE 900			80.9	82.0	83.6	84.3	85.8	86.0	86.1	87.4	87.7	87.8	88.1	88.5	88.5	88.6	
GE 800			81.3	82.5	84.1	84.9	86.4	86.6	86.7	88.0	88.3	88.4	88.9	89.3	89.3	89.4	
GE 700			82.2	83.4	85.0	85.8	87.3	87.5	87.6	88.9	89.2	89.3	89.9	90.3	90.3	90.4	
GE 600			83.0	84.5	86.0	86.9	88.4	88.6	88.7	90.0	90.3	90.4	91.0	91.4	91.4	91.6	
GE 500			83.4	84.9	86.5	87.5	89.0	89.3	89.5	90.8	91.2	91.3	91.9	92.3	92.3	92.5	
GE 400			83.8	85.2	86.8	87.8	89.3	89.9	90.4	91.9	92.3	92.5	93.1	93.6	93.9	94.0	
GE 300			84.5	86.0	87.6	88.6	90.4	91.1	91.8	93.5	93.9	94.1	95.6	96.2	96.6	96.7	
GE 200			84.7	86.3	87.8	88.9	90.8	91.4	92.1	93.8	94.4	94.6	96.6	97.2	98.1	98.2	
GE 100			84.8	86.4	88.0	89.0	91.1	91.8	92.6	94.9	95.6	95.8	98.1	98.9	99.9	100.0	
GE 0			84.8	86.4	88.0	89.0	91.1	91.8	92.6	94.9	95.6	95.8	98.1	98.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

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

CEILING		VISIBILITY IN STATUTE MILES																
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	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																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000			64.1	64.5	65.0	65.4	66.2	66.2	66.4	66.9	67.0	67.0	67.2	67.3	67.3	67.3	67.3	67.3
GE 4500			64.6	64.9	65.5	65.8	66.6	66.6	66.9	67.3	67.4	67.4	67.7	67.8	67.8	67.8	67.8	67.8
GE 4000			69.0	69.4	69.9	70.3	71.1	71.1	71.3	71.7	71.9	71.9	72.1	72.2	72.2	72.2	72.2	72.2
GE 3500			71.9	72.2	72.8	73.1	73.9	73.9	74.1	74.6	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.0
GE 3000			75.0	75.5	76.0	76.5	77.3	77.3	77.5	78.0	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.4
GE 2500			77.2	77.6	78.2	78.8	79.9	79.9	80.1	80.6	80.7	80.7	80.9	81.0	81.0	81.0	81.0	81.0
GE 2000			78.1	78.5	79.2	79.8	81.0	81.0	81.3	81.7	81.8	81.8	82.1	82.2	82.2	82.2	82.2	82.2
GE 1800			78.2	78.7	79.3	79.9	81.2	81.2	81.4	81.8	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3
GE 1500			79.3	79.8	80.5	81.0	82.4	82.4	82.6	83.3	83.4	83.4	83.7	83.8	83.9	83.9	83.9	83.9
GE 1200			79.6	80.0	80.7	81.3	82.6	82.6	82.9	83.5	83.7	83.7	83.9	84.0	84.1	84.1	84.1	84.1
GE 1000			80.4	80.8	81.5	82.2	83.9	83.9	84.1	84.9	85.0	85.0	85.2	85.4	85.5	85.5	85.5	85.5
GE 900			80.9	81.6	82.3	83.1	84.8	84.8	85.0	85.8	85.9	86.0	86.3	86.4	86.5	86.5	86.5	86.5
GE 800			80.9	81.6	82.3	83.1	84.9	84.9	85.1	85.9	86.0	86.2	86.5	86.6	86.7	86.7	86.7	86.7
GE 700			81.6	82.3	83.0	83.9	85.7	85.7	85.9	86.7	86.8	86.9	87.4	87.5	87.6	87.6	87.6	87.6
GE 600			81.8	82.5	83.2	84.1	86.0	86.0	86.3	87.1	87.2	87.3	87.7	87.9	88.0	88.0	88.0	88.0
GE 500			82.2	82.9	83.6	84.7	86.7	86.8	87.1	88.0	88.1	88.2	89.2	89.3	89.6	89.6	89.6	89.6
GE 400			82.5	83.2	84.1	85.4	87.6	88.0	88.6	89.7	89.8	89.9	91.0	91.1	91.7	91.7	91.7	91.7
GE 300			82.6	83.3	84.3	85.9	88.4	88.8	89.4	90.7	90.8	90.9	92.4	92.7	94.0	94.1	94.1	94.1
GE 200			82.9	83.5	84.7	86.3	88.9	89.4	90.2	91.7	92.1	92.2	94.4	94.9	97.5	97.6	97.6	97.6
GE 100			82.5	83.5	84.7	86.3	88.9	89.4	90.2	91.9	92.3	92.4	95.0	95.7	99.3	99.4	99.4	99.4
GE 0			82.9	83.5	84.7	86.3	88.9	89.4	90.4	92.4	92.7	92.8	95.5	96.3	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 581

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 7785

GLOBAL CLIMATOLOGY BRANCH
USAF/CATC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THUL AB GL

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000				63.1	63.2	63.7	63.9	64.0	64.4	64.4	64.9	65.1	65.1	66.3	66.3	66.5	66.5	
GE 4500				65.3	65.4	65.9	66.1	66.2	66.6	66.6	67.1	67.3	67.3	68.5	68.5	68.7	68.7	
GE 4000				71.7	71.9	72.3	72.6	72.7	73.1	73.1	73.5	73.8	73.8	75.0	75.0	75.2	75.2	
GE 3500				75.3	75.5	76.0	76.2	76.5	76.9	76.9	77.4	77.6	77.6	78.8	78.8	79.0	79.0	
GE 3000				79.0	79.3	79.8	80.0	80.4	80.8	80.8	81.2	81.4	81.4	82.7	82.7	82.9	82.9	
GE 2500				80.4	80.6	81.2	81.4	81.8	82.2	82.2	82.7	82.9	82.9	84.1	84.1	84.3	84.3	
GE 2000				81.3	81.6	82.3	82.5	82.9	83.3	83.3	83.8	84.0	84.0	85.2	85.2	85.4	85.4	
GE 1800				81.6	81.8	82.5	82.6	83.1	83.5	83.5	84.0	84.2	84.2	85.4	85.4	85.6	85.6	
GE 1500				81.7	81.9	82.7	82.9	83.2	83.6	83.6	84.1	84.3	84.3	85.5	85.5	85.8	85.8	
GE 1200				82.3	82.5	83.3	83.5	83.9	84.3	84.3	84.7	85.0	85.0	86.2	86.2	86.5	86.5	
GE 1000				82.9	83.1	83.9	84.1	84.4	84.9	84.9	85.3	85.5	85.5	86.7	86.8	87.0	87.0	
GE 900				82.9	83.1	84.0	84.2	84.5	85.0	85.0	85.4	85.6	85.6	86.8	86.9	87.2	87.2	
GE 800				83.2	83.4	84.3	84.5	84.9	85.3	85.3	85.7	85.9	85.9	87.3	87.4	87.6	87.6	
GE 700				83.2	83.5	84.5	84.7	85.1	85.5	85.5	85.9	86.2	86.2	87.5	87.6	87.8	87.8	
GE 600				83.8	84.1	85.1	85.3	85.6	86.1	86.1	86.7	86.9	86.9	88.3	88.4	88.6	88.6	
GE 500				84.1	84.3	85.3	85.5	86.2	86.6	86.6	87.4	87.8	87.8	89.5	89.9	90.2	90.2	
GE 400				84.9	85.2	86.2	86.4	87.0	87.5	87.5	88.4	88.9	88.9	90.7	91.1	91.7	91.7	
GE 300				85.4	85.6	86.8	87.2	87.8	88.4	88.4	89.4	90.2	90.3	92.8	93.2	94.4	94.4	
GE 200				85.8	86.3	87.4	88.0	88.8	89.4	89.5	90.3	91.3	91.5	94.8	95.5	97.0	97.5	
GE 100				85.8	86.3	87.4	88.0	88.8	89.5	89.8	90.9	92.1	92.3	95.7	96.4	98.6	99.8	
GE 0				85.8	86.3	87.4	88.0	88.8	89.5	89.8	90.7	92.1	92.3	95.7	96.5	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 911

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		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																	
GE	20000																
GE	18000																
GE	16000																
GE	14 000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000			62.8	63.1	63.3	63.7	64.1	64.5	64.8	65.2	65.9	66.0	67.0	67.3	67.4	67.5
GE	4500			64.9	65.2	65.4	65.7	66.2	66.6	66.9	67.3	68.0	68.1	69.1	69.4	69.5	69.6
GE	4000			71.6	72.4	72.6	72.9	73.3	73.8	74.0	74.6	75.2	75.3	76.3	76.7	76.8	76.9
GE	3500			74.6	75.1	75.3	75.7	76.1	76.5	76.8	77.3	78.0	78.1	79.1	79.4	79.5	79.6
GE	3000			77.4	78.2	78.6	79.0	79.4	79.8	80.1	80.7	81.4	81.5	82.5	82.8	82.9	83.0
GE	2500			78.4	79.2	79.6	80.0	80.4	80.8	81.1	81.8	82.5	82.6	83.6	83.9	84.0	84.1
GE	2000			78.7	79.5	80.0	80.3	80.7	81.2	81.4	82.2	82.8	82.9	83.9	84.3	84.4	84.5
GE	1800			78.7	79.5	80.0	80.3	80.7	81.2	81.4	82.2	82.8	82.9	83.9	84.3	84.4	84.5
GE	1500			79.4	80.2	80.6	80.9	81.4	81.8	82.0	82.8	83.6	83.7	84.7	85.0	85.2	85.4
GE	1200			79.8	80.6	81.1	81.4	81.8	82.3	82.5	83.3	84.0	84.1	85.1	85.5	85.7	85.8
GE	1000			80.3	81.2	81.6	81.9	82.4	82.8	83.0	83.8	84.6	84.7	85.7	86.1	86.3	86.5
GE	900			80.3	81.2	81.6	81.9	82.4	82.8	83.0	83.8	84.6	84.7	85.7	86.1	86.3	86.5
GE	800			80.5	81.4	81.8	82.2	82.6	83.0	83.4	84.1	84.7	85.1	86.3	86.8	87.0	87.1
GE	700			80.6	81.6	82.0	82.4	82.8	83.3	83.6	84.5	85.4	85.5	86.7	87.1	87.3	87.4
GE	600			81.2	82.2	82.6	82.9	83.4	83.8	84.1	85.0	85.9	86.0	87.2	87.7	87.9	88.0
GE	500			81.3	82.6	83.1	83.5	83.9	84.4	84.7	85.9	86.8	86.9	88.4	88.9	89.1	89.2
GE	400			82.2	83.5	84.3	84.8	85.5	85.9	86.3	87.6	88.5	88.7	90.6	91.1	91.4	91.5
GE	300			82.8	84.1	85.2	85.9	86.6	87.0	87.4	89.2	90.6	90.7	93.2	93.8	94.5	94.9
GE	200			82.9	84.3	85.5	86.2	86.9	87.6	88.0	90.2	91.7	91.9	95.2	95.9	97.2	97.8
GE	100			82.9	84.3	85.5	86.2	86.9	87.7	88.2	90.5	92.2	92.3	95.7	96.5	98.3	99.7
GE	0			82.9	84.3	85.5	86.2	86.9	88.0	88.5	90.9	92.5	92.6	96.0	96.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 968

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042027 STATION NAME: THULE AE GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	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																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000		64.7	65.1	65.5	65.6	66.5	66.7	67.1	67.4	67.6	67.6	68.8	69.1	69.2	69.4	
GE 4500		65.7	66.0	66.6	66.7	67.6	67.8	68.2	68.4	68.7	69.7	69.9	70.2	70.3	70.5	
GE 4000		72.7	73.3	73.9	74.0	74.9	75.1	75.5	75.8	76.1	76.1	77.3	77.6	77.7	77.9	
GE 3500		75.5	76.1	76.7	76.9	77.7	77.9	78.4	78.6	79.9	78.9	80.1	80.5	80.6	80.8	
GE 3000		76.5	79.0	79.7	79.8	80.7	80.9	81.3	81.6	81.9	81.9	83.1	83.4	83.5	83.7	
GE 2500			79.4	80.5	81.1	81.2	82.1	82.4	82.9	83.1	83.4	83.4	84.6	84.9	85.0	85.3
GE 2000			80.4	81.4	82.1	82.2	83.1	83.4	83.8	84.1	84.4	84.4	85.6	85.9	86.0	86.2
GE 1800			80.9	81.4	82.1	82.2	83.1	83.4	83.8	84.1	84.4	84.4	85.6	85.9	86.0	86.2
GE 1500			81.3	81.9	82.5	82.6	83.5	83.8	84.3	84.5	84.8	84.8	86.1	86.6	86.8	87.0
GE 1200			81.9	82.4	83.1	83.2	84.1	84.4	84.8	85.0	85.4	85.4	86.7	87.1	87.3	87.6
GE 1000			82.3	82.9	83.5	83.6	84.5	84.8	85.3	85.5	85.9	85.9	87.1	87.6	87.8	88.0
GE 900			82.8	83.4	84.2	84.3	85.2	85.5	85.9	86.1	86.5	86.5	87.8	88.2	88.4	88.6
GE 800			83.1	83.7	84.5	84.6	85.5	85.8	86.2	86.5	86.9	86.9	88.2	88.6	88.9	89.1
GE 700			83.3	84.0	84.7	84.8	85.8	86.1	86.6	86.8	87.2	87.2	88.5	89.0	89.2	89.4
GE 600			83.3	84.0	84.7	84.8	85.8	86.1	86.6	86.8	87.2	87.2	88.5	89.0	89.2	89.4
GE 500		84.4	85.0	85.8	85.9	86.9	87.2	87.7	87.9	88.3	88.4	89.8	89.8	90.5	90.7	90.9
GE 400		85.0	85.7	87.0	87.2	88.5	89.1	89.5	90.1	90.5	90.5	90.6	92.4	93.0	93.3	93.6
GE 300		85.4	86.0	87.3	87.7	89.1	89.6	90.1	91.0	91.0	91.6	91.7	94.7	95.4	96.2	96.4
GE 200		85.6	86.2	87.6	87.9	89.4	90.1	90.5	91.8	92.7	92.8	95.7	96.9	98.4	98.7	
GE 100		85.6	86.2	87.7	88.0	89.5	90.2	90.6	92.0	92.9	92.9	93.0	96.2	97.4	99.5	100.0
GE 0			85.6	86.2	87.7	88.0	89.5	90.2	90.6	92.0	92.9	93.0	96.2	97.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE
NO CEIL																	
GE 20000																	
GE 18000																	
GF 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			67.4	67.7	68.4	68.7	69.6	69.6	69.7	69.8	69.9	70.1	70.7	70.7	70.7	70.7	70.7
GE 4500			68.6	68.9	69.6	69.9	70.7	70.7	70.9	71.6	71.1	71.3	71.9	71.9	71.9	71.9	71.9
GE 4000			75.1	75.4	76.2	76.5	77.6	77.6	77.7	77.8	77.9	78.1	78.8	78.8	78.8	78.8	78.8
GE 3500			78.1	78.4	79.2	79.5	80.6	80.6	80.7	80.8	80.9	81.1	81.8	81.8	81.8	81.8	81.8
GE 3000			81.7	82.0	82.8	83.1	84.2	84.2	84.3	84.4	84.5	84.7	85.4	85.4	85.4	85.4	85.4
GE 2500			82.7	83.0	83.7	84.1	85.2	85.2	85.3	85.4	85.5	85.7	86.3	86.3	86.3	86.3	86.3
GE 2000			81.7	84.1	84.6	85.2	86.2	86.2	86.3	86.5	86.6	86.8	87.4	87.4	87.4	87.4	87.4
GE 1800			83.7	84.1	84.9	85.2	86.2	86.2	86.3	86.5	86.6	86.8	87.4	87.4	87.4	87.4	87.4
GE 1600			84.6	84.3	85.0	85.4	86.5	86.5	86.6	86.8	86.9	87.1	87.9	87.9	87.9	87.9	87.9
GE 1400			84.6	84.9	85.7	86.0	87.1	87.1	87.2	87.4	87.5	87.8	88.5	88.5	88.5	88.5	88.5
GE 1000			85.2	85.5	86.2	86.6	87.6	87.8	87.9	88.2	88.3	88.5	89.5	89.5	89.5	89.5	89.5
GE 900			85.2	85.5	86.2	86.6	87.6	87.8	87.9	88.2	88.3	88.5	89.5	89.5	89.5	89.5	89.5
GE 800			85.5	85.8	86.6	86.9	88.0	88.1	88.2	88.6	88.7	88.9	89.9	89.9	89.9	89.9	89.9
GE 700			85.6	85.9	86.7	87.0	88.1	88.2	88.3	88.7	88.8	89.1	90.0	90.0	90.0	90.0	90.0
GE 600			85.9	86.2	87.0	87.3	88.4	88.5	88.7	89.2	89.3	89.5	90.7	90.7	90.7	90.7	90.7
GE 500			86.6	86.9	87.6	88.0	89.1	89.3	89.6	90.2	90.5	90.7	91.9	92.1	92.1	92.1	92.1
GE 400			87.4	87.8	88.5	88.8	90.0	90.4	90.7	91.3	91.7	91.9	93.2	93.4	93.4	93.4	93.4
GE 300			87.6	88.0	88.8	89.2	90.4	90.7	91.0	92.1	92.5	92.8	95.1	95.3	95.3	95.3	95.3
GE 200			87.8	88.1	89.1	89.4	90.8	91.3	91.7	92.8	93.6	93.9	97.1	97.5	97.5	97.5	97.5
GE 100			88.0	88.3	89.3	89.7	91.1	91.7	92.0	93.2	93.9	94.3	97.6	98.2	98.2	98.2	98.2
GE	0		88.0	88.3	89.3	89.7	91.1	91.7	92.0	93.2	93.9	94.3	97.7	98.3	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	GL	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GL	GE	GE
FEET	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL																	
GE 26000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			66.7	66.9	67.6	67.8	68.6	68.7	68.8	69.4	69.5	69.6	69.8	69.8	69.8	69.8	69.8
GE 4500			68.3	68.5	69.3	69.4	70.3	70.4	70.5	71.0	71.1	71.2	71.5	71.5	71.5	71.5	71.5
GE 4000			75.7	75.9	76.8	76.9	78.0	78.1	78.2	78.8	78.9	79.0	79.2	79.2	79.2	79.2	79.2
GE 3500			79.3	78.5	79.6	79.7	80.8	80.9	81.0	81.6	81.7	81.8	82.0	82.0	82.0	82.0	82.0
GE 3000			82.4	82.6	83.7	83.8	84.9	85.0	85.1	85.6	85.7	85.8	86.1	86.1	86.1	86.1	86.1
GE 2500			83.7	83.9	85.0	85.1	86.2	86.3	86.4	86.9	87.0	87.1	87.4	87.4	87.4	87.4	87.4
GE 2000			84.4	84.6	85.7	85.8	86.9	87.0	87.1	87.7	87.8	87.9	88.1	88.1	88.1	88.1	88.1
GE 1800			84.4	84.6	85.7	85.8	86.9	87.0	87.1	87.7	87.8	87.9	88.1	88.1	88.1	88.1	88.1
GE 1500			84.7	85.0	86.1	86.2	87.3	87.4	87.5	88.0	88.1	88.2	88.5	88.5	88.5	88.5	88.5
GE 1200			85.3	85.5	86.6	86.7	87.8	87.9	88.0	88.6	88.7	88.8	89.0	89.0	89.0	89.0	89.0
GE 1000			85.6	85.8	86.9	87.0	88.1	88.2	88.3	88.9	89.0	89.1	89.3	89.3	89.3	89.3	89.3
GE 900			85.6	85.8	86.9	87.0	88.1	88.2	88.3	88.9	89.0	89.1	89.3	89.3	89.3	89.3	89.3
GE 800			86.5	86.8	87.9	88.0	89.1	89.2	89.3	90.1	90.2	90.3	90.5	90.5	90.5	90.5	90.5
GE 700			86.5	86.8	87.9	88.0	89.1	89.2	89.3	90.1	90.2	90.3	90.5	90.5	90.5	90.5	90.5
GE 600			86.9	87.3	88.3	88.5	89.5	89.9	90.0	90.8	91.0	91.1	91.5	91.5	91.5	91.5	91.5
GE 500			87.5	87.8	88.9	89.0	90.1	90.5	90.7	91.6	91.7	91.8	92.6	92.7	92.7	92.7	92.7
GE 400			87.8	88.1	89.2	89.4	90.5	91.1	91.4	92.4	92.5	92.6	93.4	93.5	93.5	93.5	93.5
GE 300			88.1	88.6	89.7	90.1	91.5	92.2	92.5	93.9	94.4	94.7	96.4	96.5	96.5	96.5	96.5
GE 200			88.6	89.0	90.3	90.7	92.2	93.5	93.8	95.3	96.4	96.7	98.8	98.9	99.1	99.2	99.2
GE 100			88.6	89.0	90.3	90.8	92.3	93.6	94.0	95.6	96.7	97.3	99.5	99.6	99.8	99.9	99.9
GE 0			88.6	89.0	90.3	90.8	92.3	93.6	94.0	95.6	96.7	97.3	99.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-84
MONTH: JUL HOURS(EST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1 10	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL 1																	
GE 20000																	
GF 18000																	
GF 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GF 9000																	
GF 8000																	
GF 7000																	
GF 6000																	
GE 5000			69.5	70.0	70.2	70.4	71.4	71.8	71.8	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4500			71.3	71.7	71.9	72.2	73.1	73.6	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4000			76.4	76.9	77.3	77.6	78.7	79.1	79.1	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GF 3500			79.0	79.5	80.0	80.3	81.4	81.9	81.9	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000			82.8	83.2	83.7	84.1	85.3	85.7	85.7	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2500			83.6	84.1	84.6	84.9	86.1	86.6	86.6	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GF 2000			84.8	85.3	85.9	86.2	87.4	87.9	87.9	88.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GF 1800			84.8	85.3	85.9	86.2	87.4	87.9	87.9	88.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GF 1500			85.0	85.5	86.2	86.6	87.8	88.2	88.2	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GF 1200			85.2	85.6	86.4	86.7	87.9	88.3	88.3	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000			87.0	87.4	88.3	88.6	89.8	90.3	90.3	90.9	91.5	91.5	91.6	91.6	91.6	91.6	91.6
GE 900			87.2	87.7	88.5	88.9	90.1	90.5	90.5	91.2	91.7	91.7	91.8	91.8	91.8	91.8	91.8
GE 800			87.4	87.9	88.8	89.1	90.3	90.7	90.7	91.4	92.0	92.0	92.1	92.1	92.1	92.1	92.1
GF 700			87.6	88.0	89.0	89.3	90.6	91.0	91.0	91.7	92.4	92.4	92.5	92.5	92.5	92.5	92.5
GF 600			87.6	88.0	89.0	89.3	90.6	91.0	91.0	91.7	92.4	92.4	92.6	92.6	92.6	92.6	92.6
GE 500			87.8	88.2	89.2	89.5	90.8	91.5	91.5	92.1	92.8	93.0	93.6	93.6	93.6	93.6	93.6
GF 400			88.1	88.5	89.5	90.0	91.3	92.0	92.0	93.0	93.7	93.9	94.4	94.4	94.4	94.4	94.4
GF 300			89.0	89.4	90.6	91.0	92.5	93.3	93.3	94.4	95.2	95.6	96.4	96.4	96.4	96.4	96.4
GF 200			89.2	89.6	90.9	91.5	92.9	94.3	94.5	95.7	96.7	97.3	98.5	98.5	98.8	98.8	98.8
GF 100			89.4	89.8	91.2	91.7	93.1	94.7	94.9	96.3	97.5	98.0	99.2	99.3	99.8	99.8	100.0
GF 0			89.4	89.8	91.2	91.7	93.1	94.7	94.9	96.3	97.5	98.0	99.2	99.3	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			69.0	68.3	69.0	69.3	69.8	70.0	70.2	71.0	71.2	71.2	71.4	71.5	71.5	71.5
GE 4500			68.8	69.2	69.8	70.2	70.7	70.9	71.0	71.9	72.1	72.1	72.2	72.3	72.3	72.3
GE 4000			75.6	75.9	76.9	77.2	77.8	78.0	78.2	79.1	79.3	79.3	79.4	79.5	79.5	79.5
GE 3500			78.9	79.2	80.2	80.6	81.2	81.4	81.6	82.5	82.7	82.7	82.8	82.9	82.9	82.9
GE 3000			82.7	83.0	84.0	84.4	85.2	85.4	85.6	86.5	86.7	86.7	86.8	86.9	86.9	86.9
GE 2500			83.9	84.2	85.2	85.6	86.4	86.6	86.8	87.7	87.9	87.9	88.0	88.1	88.1	88.1
GE 2000			85.0	85.3	86.3	86.7	87.5	87.7	87.9	88.8	89.0	89.0	89.1	89.2	89.2	89.2
GE 1800			85.0	85.3	86.4	86.8	87.6	87.8	88.0	88.9	89.1	89.1	89.2	89.3	89.3	89.3
GE 1500			85.2	85.5	86.6	87.0	87.8	88.0	88.2	89.1	89.3	89.3	89.4	89.5	89.5	89.5
GE 1200			85.9	86.3	87.4	87.8	88.6	88.8	89.0	89.9	90.1	90.1	90.2	90.3	90.3	90.3
GE 1000			86.4	86.7	87.8	88.2	89.2	89.4	89.7	90.5	90.7	90.7	90.8	91.0	91.0	91.0
GE 900			86.6	86.9	88.0	88.5	89.7	89.9	90.1	91.0	91.2	91.2	91.3	91.4	91.4	91.4
GE 800			86.9	87.3	88.3	88.8	90.0	90.2	90.4	91.4	91.6	91.6	92.0	92.2	92.2	92.2
GE 700			87.0	87.4	88.5	88.9	90.2	90.4	90.6	91.6	91.8	91.8	92.3	92.4	92.4	92.4
GE 600			87.1	87.5	88.6	89.0	90.3	90.5	90.7	91.7	91.9	91.9	92.4	92.5	92.5	92.5
GE 500			87.0	88.0	89.1	89.5	90.8	91.2	91.4	92.5	92.7	92.9	93.4	93.9	93.9	93.9
GE 400			88.1	88.6	89.7	90.1	91.4	91.7	91.9	93.1	93.4	93.6	94.8	94.9	94.9	94.9
GE 300			88.5	88.9	90.1	90.5	91.8	92.2	92.4	93.9	94.2	94.4	95.6	95.9	95.9	95.9
GE 200			88.6	89.1	90.4	90.8	92.3	92.6	93.1	95.4	96.2	96.4	98.1	98.5	99.2	99.2
GE 100			88.6	89.1	90.4	90.8	92.3	92.9	93.5	95.9	96.6	96.8	98.6	98.9	99.9	100.0
GE 0			88.6	89.1	90.4	90.8	92.3	92.9	93.5	95.9	96.6	96.8	98.6	98.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL]																
GE 20000]																
GE 18000]																
GE 16000]																
GE 14000]																
GE 12000]																
GE 10000]																
GE 9000]																
GE 8000]																
GE 7000]																
GE 6000]																
GE 5000]		64.8	65.2	65.9	66.2	66.2	66.6	66.8	67.3	67.3	67.3	67.7	67.7	67.8	67.8	
GE 4500]		66.4	66.9	67.5	67.9	67.9	68.2	68.4	69.0	69.0	69.0	69.3	69.3	69.4	69.4	
GE 4000]		74.6	75.1	75.7	76.1	76.4	76.7	76.9	77.5	77.6	77.6	77.9	77.9	78.0	78.0	
GE 3500]		78.1	78.6	79.2	79.6	80.1	80.4	80.7	81.2	81.3	81.3	81.6	81.6	81.7	81.7	
GE 3000]		80.7	81.3	82.1	82.4	83.0	83.3	83.5	84.0	84.3	84.3	84.6	84.6	84.7	84.7	
GE 2500]		82.1	82.7	83.5	83.8	84.4	84.7	84.9	85.5	85.7	85.7	86.0	86.0	86.1	86.1	
GE 2000]		82.4	83.1	83.9	84.4	84.9	85.2	85.5	86.0	86.2	86.2	86.6	86.6	86.7	86.7	
GE 1800]		92.4	83.1	83.9	84.4	84.9	85.2	85.5	86.0	86.2	86.2	86.6	86.6	86.7	86.7	
GE 1500]		82.6	83.3	84.2	84.6	85.1	85.5	85.7	86.2	86.4	86.4	86.8	86.8	86.9	86.9	
GE 1200]		83.6	84.3	85.4	85.8	86.3	86.7	86.9	87.4	87.7	87.7	88.0	88.0	88.1	88.1	
GE 1000]		84.6	85.2	86.3	86.8	87.5	87.9	88.1	88.6	88.9	88.9	89.2	89.2	89.3	89.3	
GE 900]		84.9	85.7	86.9	87.2	88.0	88.3	88.5	89.1	89.3	89.3	89.6	89.6	89.7	89.7	
GE 800]		85.0	85.8	86.9	87.3	88.1	88.4	88.6	89.2	89.4	89.4	90.1	90.1	90.2	90.2	
GE 700]		85.4	86.1	87.2	87.7	88.6	89.0	89.2	89.7	89.9	89.9	90.6	90.6	90.7	90.7	
GE 600]		95.5	96.2	87.3	87.8	88.7	89.1	89.3	89.8	90.1	90.1	90.9	90.9	91.0	91.0	
GE 500]		85.7	86.4	87.5	88.0	89.1	89.5	89.7	90.3	90.5	90.6	92.0	92.0	92.1	92.1	
GE 400]		86.1	86.9	88.0	88.4	89.5	90.2	90.4	91.0	91.3	91.4	92.9	92.9	93.0	93.0	
GE 300]		86.6	87.8	88.9	89.3	90.4	91.0	91.3	92.0	92.2	92.6	94.1	94.1	94.3	94.9	
GE 200]		87.0	88.0	89.4	89.8	91.0	91.8	92.1	93.1	93.1	93.9	96.4	96.4	98.0	98.7	
GE 100]		87.0	88.0	89.4	89.8	91.0	92.1	92.5	93.4	93.4	94.3	96.8	97.4	98.7	99.7	
GE 0]		87.0	88.0	89.4	89.8	91.0	92.1	92.5	93.4	93.4	94.3	96.9	97.7	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			65.9	66.2	66.7	66.9	67.5	67.8	68.0	68.4	68.7	68.8	69.3	69.4	69.5	69.5	69.5
GE 4500			67.4	67.7	68.3	68.5	69.1	69.4	69.5	70.0	70.3	70.3	70.9	71.0	71.1	71.1	71.1
GE 4000			74.2	74.6	75.2	75.5	76.2	76.5	76.6	77.1	77.4	77.4	78.0	78.1	78.2	78.2	78.2
GE 3500			77.2	77.6	78.3	78.6	79.3	79.6	79.8	80.2	80.5	80.6	81.2	81.3	81.3	81.4	81.4
GE 3000			80.6	81.1	81.8	82.1	82.9	83.1	83.3	83.8	84.1	84.2	84.8	84.8	84.9	84.9	84.9
GE 2500			81.8	82.3	83.0	83.3	84.1	84.4	84.5	85.0	85.3	85.4	86.0	86.1	86.1	86.2	86.2
GE 2000			82.7	83.1	83.9	84.2	85.0	85.3	85.4	85.9	86.2	86.3	86.9	87.0	87.0	87.1	87.1
GE 1800			82.7	83.1	83.9	84.2	85.0	85.3	85.5	86.0	86.3	86.3	86.9	87.0	87.1	87.1	87.1
GE 1500			83.0	83.9	84.2	84.5	85.3	85.6	85.8	86.3	86.6	86.7	87.3	87.4	87.5	87.5	87.5
GE 1200			83.6	84.0	84.9	85.1	85.9	86.2	86.4	86.9	87.2	87.3	87.9	88.0	88.1	88.2	88.2
GE 1000			84.3	84.7	85.6	85.9	86.7	87.0	87.2	87.7	88.0	88.1	88.8	88.9	89.0	89.0	89.0
GE 900			84.4	84.9	85.8	86.1	86.9	87.2	87.4	88.0	88.3	88.3	89.0	89.1	89.2	89.3	89.3
GE 800			84.8	85.3	86.1	86.4	87.3	87.6	87.8	88.4	88.7	88.8	89.6	89.7	89.8	89.8	89.8
GE 700			84.9	85.4	86.3	86.6	87.5	87.8	88.0	88.6	89.0	89.1	89.8	90.0	90.1	90.1	90.1
GE 600			85.2	85.7	86.6	86.9	87.8	88.1	88.3	89.0	89.3	89.4	90.3	90.4	90.5	90.5	90.5
GE 500			85.6	86.2	87.1	87.4	88.4	88.8	89.0	89.7	90.1	90.3	91.5	91.7	91.8	91.8	91.8
GE 400			86.2	86.8	87.8	88.2	89.2	89.7	90.0	90.9	91.3	91.4	92.8	93.0	93.2	93.2	93.2
GE 300			86.7	87.3	88.4	88.9	90.0	90.6	90.8	92.0	92.6	92.9	94.8	95.1	95.5	95.6	95.6
GE 200			86.9	87.6	88.8	89.3	90.5	91.3	91.7	93.1	94.0	94.3	96.8	97.3	98.3	98.6	98.6
GE 100			87.0	87.6	88.9	89.4	90.6	91.5	91.9	93.5	94.5	94.8	97.4	98.0	99.3	99.9	99.9
GE 0			87.0	87.6	88.9	89.4	90.6	91.6	92.0	93.5	94.5	94.8	97.5	98.1	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7325

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	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																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			52.1	52.3	53.2	53.2	53.4	53.9	54.0	54.2	54.3	54.3	54.5	54.6	55.4	55.7
GE 4500			54.2	54.4	55.3	55.3	55.5	55.9	56.0	56.2	56.4	56.4	56.6	56.7	57.4	57.8
GE 4000			63.5	63.7	64.6	64.8	65.0	65.5	65.6	65.8	65.9	65.9	66.2	66.3	67.1	67.4
GE 3500			69.2	69.5	70.6	70.6	70.8	71.2	71.3	71.6	71.7	71.7	72.0	72.1	72.9	73.2
GE 3000			77.5	73.8	74.9	74.9	75.1	75.6	75.7	75.9	76.0	76.0	76.3	76.4	77.2	77.5
GE 2500			75.7	76.3	77.6	77.6	77.9	78.3	78.4	78.6	79.7	78.7	79.0	79.2	79.9	80.2
GE 2000			78.6	78.6	80.3	80.3	80.6	81.0	81.1	81.3	81.4	81.4	81.9	81.9	82.6	83.0
GE 1800			78.6	78.6	80.3	80.3	80.6	81.0	81.1	81.3	81.4	81.4	81.8	81.9	82.6	83.0
GE 1500			79.6	80.3	82.1	82.1	82.3	82.7	82.8	83.1	83.2	83.2	83.5	83.6	84.4	84.7
GE 1200			79.9	80.7	82.4	82.4	82.6	83.1	83.2	83.4	83.5	83.5	83.8	83.9	84.7	85.0
GE 1000			80.6	81.3	83.2	83.2	83.4	83.8	83.9	84.4	84.5	84.5	84.8	84.9	85.7	86.0
GE 900			80.6	81.3	83.2	83.2	83.4	83.8	83.9	84.4	84.5	84.5	84.8	84.9	85.7	86.0
GE 800			80.7	81.4	83.3	83.3	83.5	83.9	84.0	84.5	84.6	84.6	85.0	85.1	85.9	86.2
GE 700			80.8	81.5	83.4	83.4	83.6	84.0	84.1	84.6	84.7	84.7	85.1	85.2	86.0	86.3
GE 600			81.9	82.6	84.7	84.7	85.1	85.6	85.7	86.2	86.3	86.3	86.9	87.0	87.7	88.1
GE 500			82.6	83.4	85.5	85.5	86.0	86.4	86.5	87.1	87.2	87.2	88.4	88.5	89.8	90.1
GE 400			83.1	84.0	86.7	86.2	86.8	87.2	87.3	87.8	87.9	87.9	89.1	89.3	90.6	90.9
GE 300			83.7	84.6	86.8	86.8	87.3	87.7	87.8	89.4	89.7	89.7	90.1	90.3	92.4	93.1
GE 200			83.8	84.8	87.0	87.1	87.9	88.5	88.8	89.4	89.8	89.8	91.6	92.5	96.2	97.2
GE 100			83.8	84.8	87.0	87.1	87.9	88.5	88.8	89.7	90.3	90.3	92.5	93.4	97.8	99.8
GE 0			83.8	84.8	87.0	87.1	87.9	88.5	88.8	89.7	90.4	90.4	92.6	93.5	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GE

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1																
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			54.4	55.5	56.0	56.0	56.1	56.1	56.1	56.4	56.4	56.6	57.3	57.4	58.7	58.8	
GE 4500			55.7	56.8	57.3	57.3	57.4	57.4	57.4	57.8	57.8	57.9	58.6	58.7	60.0	60.2	
GE 4000			65.0	66.2	66.7	66.7	66.8	66.8	66.8	67.1	67.1	67.2	68.0	68.1	69.5	69.7	
GE 3500			70.5	71.5	72.1	72.1	72.2	72.2	72.2	72.6	72.6	72.7	73.5	73.6	75.0	75.1	
GE 3000			72.7	73.9	74.5	74.5	74.7	74.7	74.7	75.1	75.1	75.2	76.0	76.1	77.6	77.7	
GE 2500			75.1	76.4	77.0	77.0	77.2	77.2	77.2	77.6	77.6	77.7	78.5	78.6	80.1	80.2	
GE 2000			78.1	79.5	80.1	80.1	80.3	80.3	80.6	81.1	81.1	81.2	82.0	82.1	83.6	83.7	
GE 1800			78.1	79.5	80.1	80.1	80.3	80.3	80.6	81.1	81.1	81.2	82.0	82.1	83.6	83.7	
GE 1500			79.0	80.5	81.1	81.1	81.3	81.6	81.6	82.1	82.1	82.2	83.0	83.1	84.6	84.7	
GE 1200			79.6	81.1	81.8	81.8	82.0	82.2	82.2	82.8	82.8	82.9	83.6	83.7	85.3	85.4	
GE 1000			80.1	81.8	82.5	82.5	82.8	83.0	83.0	83.5	83.5	83.6	84.4	84.5	86.0	86.1	
GE 900			80.1	81.8	82.6	82.6	82.9	83.1	83.1	83.6	83.6	83.7	84.5	84.6	86.1	86.2	
GE 800			80.6	82.2	83.1	83.2	83.4	83.6	83.6	84.2	84.2	84.3	85.0	85.2	86.7	86.8	
GE 700			80.9	82.5	83.5	83.6	84.0	84.2	84.2	84.7	84.7	84.8	85.6	85.7	87.2	87.3	
GE 600			81.8	83.4	84.4	84.5	85.0	85.3	85.3	86.1	86.1	86.2	87.0	87.1	88.6	88.8	
GE 500			81.9	83.5	84.5	84.6	85.2	85.4	85.4	86.2	86.2	86.4	87.6	87.7	89.2	89.3	
GE 400			82.3	84.0	85.0	85.2	85.8	86.0	86.0	86.9	86.9	87.0	88.2	88.3	90.0	90.1	
GE 300			83.3	85.5	86.7	86.9	87.6	87.8	87.8	88.8	88.8	88.9	90.4	90.9	93.4	93.1	
GE 200			84.0	85.6	86.8	87.0	87.9	88.4	88.5	89.8	89.8	90.0	92.1	92.1	95.0	95.9	
GE 100			84.0	85.6	86.3	87.0	87.9	88.4	88.5	89.8	90.1	90.2	92.6	93.6	97.5	99.9	
GE 0			84.0	85.6	86.8	87.0	87.9	88.4	88.5	89.8	90.1	90.2	92.6	93.6	97.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86

MONTH: AUG HOURS(EST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL																		
GE	20000																	
GE	18000																	
GE	16000																	
GE	14000																	
GE	12000																	
GE	10000																	
GE	9000																	
GE	8000																	
GE	7000																	
GE	6000																	
GE	5000			55.9	56.3	56.4	56.4	56.6	57.1	57.1	57.5	57.5	57.5	58.0	58.0	58.4	58.6	
GE	4500			57.0	57.4	57.5	57.5	57.6	58.2	58.2	58.6	58.6	58.6	59.0	59.0	59.5	59.7	
GE	4000			64.7	65.2	65.5	65.5	65.7	66.2	66.2	66.6	66.6	66.6	67.1	67.1	67.5	67.8	
GE	3500			70.7	71.3	71.8	71.8	71.9	72.5	72.5	72.9	72.9	72.9	73.3	73.3	73.8	74.1	
GE	3000			73.2	73.9	74.4	74.4	74.6	75.2	75.2	75.6	75.6	75.6	76.1	76.1	76.5	76.8	
GE	2500			74.5	75.2	75.7	75.8	76.1	76.6	76.6	77.0	77.0	77.0	77.5	77.5	77.9	78.2	
GE	2000			77.1	77.8	78.3	78.4	78.7	79.2	79.2	79.6	79.6	79.6	80.1	80.1	80.6	80.9	
GE	1800			77.1	77.9	78.4	78.5	78.8	79.3	79.3	79.7	79.7	79.7	80.2	80.2	80.7	81.0	
GE	1500			79.2	79.8	80.7	80.8	81.0	81.7	81.7	82.1	82.1	82.1	82.7	82.7	83.2	83.5	
GE	1200			79.6	80.3	81.1	81.3	81.5	82.1	82.1	82.6	82.6	82.6	83.1	83.1	83.6	84.0	
GE	1000			80.0	80.9	81.8	81.9	82.3	83.0	83.0	83.4	83.4	83.4	84.0	84.0	84.5	84.8	
GE	900			80.4	81.4	82.2	82.3	82.8	83.4	83.4	83.9	83.9	83.9	84.4	84.4	84.9	85.3	
GE	800			80.7	81.7	82.6	82.7	83.1	83.7	83.7	84.3	84.3	84.3	84.8	84.8	85.4	85.7	
GE	700			81.1	82.1	83.0	83.1	83.5	84.4	84.4	84.9	84.9	84.9	85.5	85.5	86.0	86.3	
GE	600			81.8	82.8	83.6	83.7	84.2	85.4	85.5	86.0	86.0	86.0	86.6	86.6	87.1	87.4	
GE	500			81.9	82.9	83.9	84.0	84.4	85.7	86.1	86.7	86.9	86.9	87.9	87.8	88.3	88.6	
GE	400			82.2	83.3	84.4	84.5	84.9	86.2	86.7	87.2	87.4	87.4	88.6	88.8	89.7	90.2	
GE	300			83.1	84.2	85.5	85.6	86.1	87.5	88.0	88.8	89.1	89.1	90.9	91.1	92.4	93.3	
GE	200			83.6	84.7	86.0	86.1	86.8	88.6	89.2	90.1	90.8	90.8	92.7	93.3	95.9	97.2	
GE	100			83.6	84.7	86.1	86.2	86.9	88.7	89.3	90.2	90.9	90.9	93.2	93.7	97.1	99.8	
GE	0			93.6	94.7	96.1	96.2	96.9	98.7	89.3	90.2	90.9	90.9	93.3	93.8	97.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GF	GE	GF	GE	GE	GE	GE	GE	GF	GF	GF	GF	GF
		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																	
GF	20000																
GE	18000																
GF	16000																
GF	14000																
GF	12000																
GF	10000																
GF	9000																
GF	8000																
GF	7000																
GF	6000																
GE	5000																
GE	4500																
GF	4000																
GF	3500																
GF	3000																
GF	2500																
GF	2000																
GF	1800																
GF	1500																
GF	1200																
GF	1000																
GF	900																
GF	800																
GF	700																
GF	600																
GF	500																
GF	400																
GF	300																
GF	200																
GF	100																
GF	0																

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-86
MONTH: AUG 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																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000		60.6	61.2	61.4	61.4	61.7	61.9	61.9	62.3	62.7	62.7	62.8	62.8	61.0	63.3	
GE 4500		61.9	62.3	62.5	62.5	62.8	63.0	63.0	63.3	63.8	63.8	63.9	63.9	64.1	64.4	
GE 4000		68.2	68.5	68.7	68.7	69.0	69.3	69.3	69.6	70.0	70.0	70.1	70.1	70.4	70.7	
GE 3500		74.0	74.3	74.5	74.5	74.8	75.1	75.1	75.4	75.8	75.8	75.9	75.9	76.1	76.5	
GE 3000		78.6	79.0	79.2	79.2	79.6	79.9	79.9	80.2	80.6	80.6	80.7	80.7	81.0	81.3	
GE 2500		80.9	81.3	81.5	81.7	82.2	82.4	82.4	82.7	83.1	83.1	83.3	83.3	83.5	83.8	
GE 2000		83.9	84.5	84.8	85.0	85.4	85.9	85.9	86.2	86.7	86.7	86.8	86.8	87.0	87.3	
GE 1800		83.9	84.5	84.8	85.0	85.4	85.9	85.9	86.2	86.7	86.7	86.8	86.8	87.0	87.3	
GE 1500		84.7	85.2	85.6	85.8	86.2	86.7	86.7	87.0	87.4	87.4	87.5	87.5	87.7	88.1	
GE 1200		85.7	86.2	86.5	86.8	87.2	87.6	87.6	88.0	88.4	88.4	88.5	88.5	88.7	89.1	
GE 1000		86.5	87.1	87.4	87.6	88.1	88.6	88.6	88.9	89.4	89.4	89.5	89.5	89.7	90.0	
GE 900		86.9	87.4	87.7	88.1	88.5	89.1	89.1	89.4	89.9	89.9	89.9	89.9	90.2	90.5	
GE 800		87.1	87.6	88.0	88.3	88.7	89.3	89.3	89.6	90.0	90.0	90.2	90.2	90.4	90.7	
GE 700		87.6	88.2	88.5	88.6	89.3	89.8	89.8	90.2	90.6	90.6	90.7	90.7	90.9	91.2	
GE 600		87.9	88.4	88.8	89.2	89.7	90.4	90.4	90.7	91.1	91.1	91.2	91.2	91.5	91.8	
GE 500		88.6	89.0	90.0	90.4	90.9	91.6	91.7	92.0	92.5	92.5	92.6	92.6	93.0	93.5	
GE 400		89.2	89.9	90.5	90.8	91.4	92.3	92.5	92.8	93.5	93.5	94.2	94.2	94.5	94.9	
GE 300		89.6	90.5	91.1	91.5	92.1	93.4	93.5	94.1	95.1	95.2	95.8	95.8	96.3	96.6	
GE 200		89.6	90.7	91.6	92.0	92.9	94.3	94.4	95.4	96.5	96.6	98.1	98.2	99.1	99.5	
GE 100		89.8	90.9	91.8	92.2	93.1	94.5	94.6	95.6	96.7	96.8	98.4	98.6	99.6	99.9	
GE 0		89.7	90.9	91.8	92.2	93.1	94.5	94.6	95.6	96.7	96.8	98.4	98.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 214

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FLEET	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 CELL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			58.5	58.6	58.7	58.7	59.1	59.2	59.2	59.4	59.5	59.6	59.9	60.1	60.1	60.1	
GE 4500			60.2	60.3	60.4	60.4	60.7	60.8	60.8	61.1	61.2	61.3	61.5	61.7	61.7	61.7	
GE 4000			65.3	65.4	65.5	65.5	65.8	65.9	65.9	66.2	66.3	66.4	66.6	66.8	66.8	66.8	
GE 3500			74.7	74.8	74.9	74.9	75.2	75.3	75.3	75.6	75.7	75.8	76.0	76.2	76.2	76.2	
GE 3000			78.2	78.3	78.4	78.4	78.6	79.0	79.0	79.2	79.3	79.4	79.6	79.9	80.0	80.0	
GE 2500			80.3	80.4	80.5	80.8	81.1	81.3	81.3	81.5	81.6	81.7	82.0	82.2	82.3	82.3	
GE 2000			82.9	83.1	83.5	83.5	84.0	84.2	84.2	84.4	84.5	84.6	84.8	85.1	85.2	85.2	
GE 1800			82.9	83.1	83.5	83.5	84.1	84.3	84.3	84.5	84.6	84.7	85.0	85.2	85.3	85.3	
GE 1500			83.5	83.7	84.2	84.2	84.7	85.0	85.0	85.2	85.3	85.4	85.6	85.8	86.0	86.0	
GE 1200			84.0	84.2	84.6	84.6	85.3	85.5	85.5	85.7	85.8	86.0	86.3	86.5	86.6	86.6	
GE 1000			85.2	85.4	85.8	86.0	86.7	87.1	87.1	87.6	87.7	87.8	88.2	88.4	88.5	88.5	
GE 900			85.4	85.6	86.1	86.2	86.9	87.4	87.4	87.9	88.1	88.2	88.5	88.7	88.8	88.8	
GE 800			85.6	86.2	86.6	86.7	87.5	87.9	87.9	88.5	88.6	88.7	89.2	89.4	89.5	89.5	
GE 700			86.2	86.6	87.1	87.2	87.9	88.4	88.4	88.9	89.0	89.2	89.6	89.8	89.9	89.9	
GE 600			86.7	87.3	87.7	87.8	88.7	89.3	89.3	89.9	90.0	90.2	90.6	90.8	90.9	90.9	
GE 500			87.4	87.9	88.4	88.5	89.4	89.9	89.9	90.6	90.7	90.8	91.6	91.8	91.9	91.9	
GE 400			87.6	88.2	88.7	88.8	89.7	90.7	90.8	91.5	92.0	92.1	93.3	93.5	93.6	93.6	
GE 300			88.6	89.2	90.3	90.5	91.5	92.5	92.6	93.4	94.4	94.5	95.9	96.1	96.3	96.3	
GE 200			88.9	89.6	90.3	91.0	92.1	93.1	93.4	94.7	95.7	95.8	98.1	98.3	99.1	99.1	
GE 100			88.9	89.6	90.8	91.0	92.1	93.3	93.5	94.9	95.9	96.0	98.5	98.8	99.8	100.0	
GE 0			89.9	89.6	90.8	91.0	92.1	93.3	93.5	94.9	95.9	96.0	98.5	98.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 204

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		58.5	58.5	58.7	58.7	59.4	59.6	59.7	60.0	60.0	60.0	60.6	60.6	60.6	60.6	60.6	60.6
GE 4500		60.9	60.9	61.0	61.0	61.8	62.0	62.1	62.4	62.4	62.4	63.0	63.0	63.0	63.0	63.0	63.0
GE 4000		66.8	66.8	66.8	66.9	67.7	67.9	68.0	68.2	68.2	68.2	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500		75.2	75.2	75.3	75.3	76.1	76.3	76.4	76.7	76.7	76.7	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000		78.1	78.2	78.3	78.3	79.1	79.3	79.4	79.8	79.8	79.8	80.5	80.5	80.5	80.5	80.5	80.5
GE 2500		80.2	80.3	80.4	80.4	81.5	81.7	81.8	82.2	82.2	82.2	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000		81.6	81.7	81.8	81.8	82.9	83.1	83.2	83.6	83.6	83.6	84.3	84.3	84.3	84.3	84.3	84.3
GE 1800		81.6	81.7	81.8	81.8	82.9	83.1	83.2	83.6	83.6	83.6	84.3	84.3	84.3	84.3	84.3	84.3
GE 1500		81.9	82.0	82.2	82.3	83.4	83.6	83.7	84.0	84.0	84.0	84.8	84.8	84.8	84.8	84.8	84.8
GE 1200		82.9	83.0	83.4	83.5	84.5	84.8	84.9	85.2	85.2	85.2	86.1	86.1	86.1	86.1	86.1	86.1
GE 1000		83.9	84.0	84.3	84.4	85.6	86.1	86.2	87.1	87.1	87.1	87.9	87.9	87.9	87.9	87.9	87.9
GE 900		84.2	84.3	84.7	84.8	86.0	86.4	86.5	87.4	87.4	87.4	88.2	88.2	88.2	88.2	88.2	88.2
GE 800		84.7	84.8	85.1	85.2	86.4	86.8	86.9	87.6	87.6	87.6	88.8	88.8	88.8	88.8	88.8	88.8
GE 700		84.7	84.9	85.2	85.4	86.6	87.1	87.2	88.0	88.0	88.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 600		85.4	85.6	86.2	86.4	87.7	88.1	88.2	89.1	89.1	89.1	90.3	90.3	90.3	90.3	90.3	90.3
GE 500		86.0	86.8	87.5	87.7	89.0	89.4	89.6	90.4	90.4	90.4	91.6	91.6	91.6	91.6	91.6	91.6
GE 400		86.9	87.3	87.9	88.1	89.6	90.2	90.3	91.4	91.4	91.4	92.8	92.8	92.8	92.8	92.8	92.8
GE 300		87.7	88.1	88.8	89.0	90.4	91.1	91.3	92.4	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9
GE 200		88.1	88.7	89.4	89.7	91.2	91.8	92.1	93.3	93.3	93.3	94.9	94.9	94.9	94.9	94.9	94.9
GE 100		88.1	88.8	89.6	89.8	91.3	91.9	92.2	93.4	93.4	93.4	94.9	94.9	94.9	94.9	94.9	94.9
GE 0		88.2	88.8	89.6	89.8	91.3	91.9	92.2	93.6	93.6	93.6	94.9	94.9	94.9	94.9	94.9	94.9

TOTAL NUMBER OF OBSERVATIONS: 919

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(EST): 2140-2300

[illegible]

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: 042020 STATION NAME: THULF AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000			56.7	57.0	57.4	57.4	57.7	58.0	58.0	58.4	58.5	58.5	58.9	58.9	59.3	59.4
GE	4500			58.4	58.7	59.1	59.1	59.4	59.7	59.7	60.1	60.2	60.2	60.6	60.6	61.0	61.1
GE	4000			65.6	66.0	66.4	66.4	66.8	67.1	67.1	67.4	67.5	67.5	67.9	68.0	68.4	68.5
GE	3500			72.2	72.6	73.1	73.1	73.4	73.7	73.7	74.1	74.2	74.2	74.6	74.7	75.0	75.2
GE	3000			75.7	76.2	76.7	76.7	77.1	77.4	77.4	77.7	77.8	77.9	78.3	78.3	78.7	78.9
GE	2500			77.7	78.3	78.8	78.9	79.4	79.7	79.7	80.1	80.2	80.2	80.6	80.7	81.1	81.2
GE	2000			80.0	80.6	81.3	81.3	81.8	82.2	82.2	82.6	82.7	82.7	83.1	83.2	83.6	83.8
GE	1800			80.1	80.7	81.3	81.4	81.9	82.3	82.3	82.7	82.8	82.8	83.2	83.3	83.7	83.8
GE	1500			81.1	81.7	82.4	82.5	83.0	83.4	83.4	83.8	83.9	84.0	84.4	84.4	84.9	85.0
GE	1200			81.7	82.4	83.1	83.2	83.8	84.1	84.2	84.5	84.6	84.7	85.1	85.2	85.6	85.8
GE	1000			82.5	83.2	84.0	84.1	84.8	85.2	85.3	85.8	85.9	86.0	86.4	86.5	86.9	87.1
GE	900			82.8	83.5	84.3	84.4	85.0	85.5	85.5	86.1	86.2	86.2	86.7	86.8	87.2	87.3
GE	800			83.2	83.9	84.6	84.9	85.5	86.0	86.1	86.6	86.7	86.8	87.3	87.4	87.8	88.0
GE	700			83.5	84.3	85.1	85.2	85.9	86.4	86.5	87.0	87.1	87.2	87.8	87.8	88.2	88.4
GE	600			84.2	84.9	85.9	86.0	86.8	87.5	87.5	88.1	88.2	88.3	89.0	89.0	89.5	89.6
GE	500			84.8	85.6	86.6	86.7	87.6	88.2	88.4	89.0	89.2	89.2	90.4	90.5	91.0	91.1
GE	400			85.2	86.0	87.1	87.3	88.1	88.9	89.1	89.7	90.0	90.1	91.5	91.6	92.2	92.4
GE	300			85.9	86.8	88.0	88.2	89.2	90.0	90.2	91.0	91.4	91.5	93.2	93.4	94.5	94.8
GE	200			86.4	87.1	88.4	88.6	89.8	90.9	91.1	92.1	92.7	92.8	95.1	95.6	97.7	98.2
GE	100			86.2	87.2	88.5	88.7	89.9	91.0	91.2	92.3	92.9	93.0	95.6	96.1	98.8	99.9
GE	C			86.2	87.2	88.5	88.7	89.9	91.0	91.2	92.4	93.0	93.1	95.7	96.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7315

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	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																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			69.4	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.4	70.4	70.4	70.4	
GE 4500			71.0	71.4	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	72.0	72.0	72.0	72.0	
GE 4000			79.8	80.2	80.3	80.3	80.4	80.5	80.8	80.8	80.9	80.8	81.1	81.1	81.1	81.1	
GE 3500			85.0	85.8	85.9	85.9	86.3	86.4	86.6	86.6	86.6	86.6	87.0	87.0	87.0	87.0	
GE 3000			88.3	89.1	89.4	89.4	89.8	89.9	90.1	90.1	90.1	90.1	90.4	90.4	90.4	90.4	
GE 2500			88.8	89.7	90.0	90.0	90.3	90.4	90.7	90.8	90.8	90.8	91.1	91.1	91.1	91.1	
GE 2000			91.7	92.9	93.3	93.3	93.6	93.7	93.9	94.0	94.0	94.0	94.4	94.4	94.4	94.4	
GE 1800			91.7	92.9	93.3	93.3	93.6	93.7	93.9	94.0	94.0	94.0	94.4	94.4	94.4	94.4	
GE 1500			91.8	93.0	93.7	93.7	94.2	94.3	94.5	94.6	94.6	94.6	94.9	94.9	94.9	94.9	
GE 1200			91.9	93.1	93.8	94.0	94.6	94.7	94.9	95.1	95.1	95.1	95.4	95.4	95.4	95.4	
GE 1000			92.2	93.6	94.6	94.8	95.4	95.6	95.8	96.4	96.4	96.4	96.9	96.9	96.9	96.9	
GE 900			92.2	93.6	94.6	94.8	95.4	95.7	96.0	96.5	96.5	96.5	97.0	97.0	97.0	97.0	
GE 800			92.2	93.6	94.6	94.8	95.4	95.7	96.0	96.6	96.6	96.6	97.1	97.1	97.1	97.1	
GE 700			92.2	93.6	94.6	94.8	95.4	95.7	96.0	96.6	96.6	96.6	97.2	97.2	97.2	97.2	
GE 600			92.7	94.0	95.1	95.3	95.8	96.2	96.4	97.1	97.1	97.2	97.8	97.8	97.8	97.8	
GE 500			92.8	94.2	95.2	95.4	96.0	96.3	96.5	97.2	97.2	97.3	98.0	98.0	98.2	98.2	
GE 400			92.8	94.3	95.3	95.5	96.1	96.5	96.7	97.4	97.4	97.5	98.5	98.5	98.8	98.8	
GE 300			92.8	94.3	95.3	95.5	96.1	96.5	96.7	97.4	97.5	97.6	98.7	98.8	99.0	99.2	
GE 200			92.8	94.3	95.3	95.5	96.1	96.6	96.9	97.8	97.9	98.0	99.0	99.1	99.3	99.6	
GE 100			92.8	94.3	95.3	95.5	96.1	96.6	96.9	98.1	98.2	98.3	99.3	99.4	99.7	100.0	
GE 0			92.8	94.3	95.3	95.5	96.1	96.6	96.9	98.1	98.2	98.3	99.3	99.4	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 869

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FLEET	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																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		69.9	70.0	70.1	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.3	71.4	71.5	71.6	
GE 4500		72.6	72.1	72.2	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.5	73.6	73.7	73.9	
GE 4000		79.2	79.4	79.5	80.0	80.3	80.5	80.7	80.7	80.7	80.7	80.7	81.1	81.2	81.3	81.6	
GE 3500		85.0	85.3	85.4	86.1	86.4	86.6	86.7	86.7	86.7	86.7	86.7	87.2	87.3	87.4	87.6	
GE 3000		87.9	88.2	88.4	89.1	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.4	90.7	90.8	91.0	
GE 2500		88.8	89.1	89.3	90.0	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.3	91.6	91.7	91.9	
GE 2000		90.8	91.1	91.3	92.1	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.6	93.8	93.9	94.2	
GE 1800		90.9	91.2	91.5	92.2	92.8	93.0	93.1	93.3	93.3	93.3	93.3	93.7	93.9	94.0	94.3	
GE 1500		91.3	91.9	92.6	93.4	94.0	94.3	94.4	94.7	94.7	94.7	94.7	95.2	95.4	95.5	95.7	
GE 1200		91.7	92.4	93.0	94.0	94.7	94.9	95.1	95.4	95.4	95.4	95.4	95.8	96.1	96.2	96.4	
GE 1000		91.9	92.6	93.5	94.5	95.3	95.7	95.8	96.4	96.4	96.4	96.4	96.9	97.1	97.2	97.4	
GE 900		91.9	92.6	93.5	94.5	95.3	95.7	95.8	96.4	96.4	96.4	96.4	96.9	97.1	97.2	97.4	
GE 800		91.9	92.6	93.5	94.5	95.3	95.7	95.8	96.4	96.4	96.4	96.4	97.0	97.2	97.3	97.5	
GE 700		91.9	92.6	93.5	94.5	95.3	95.7	95.8	96.4	96.4	96.4	96.4	97.0	97.2	97.3	97.5	
GE 600		92.0	92.7	93.6	94.6	95.4	95.8	96.0	96.5	96.5	96.5	96.5	97.1	97.3	97.4	97.6	
GE 500		92.2	92.9	93.8	94.8	95.6	96.1	96.3	96.9	96.9	96.9	96.9	97.5	97.8	97.9	98.1	
GE 400		92.2	92.9	93.8	94.8	95.6	96.1	96.3	97.0	97.0	97.0	97.0	97.8	98.1	98.3	98.5	
GE 300		92.2	92.9	93.8	94.8	95.6	96.1	96.3	97.1	97.1	97.1	97.1	98.2	98.5	98.8	99.0	
GE 200		92.2	92.9	93.8	94.8	95.8	96.3	96.5	97.4	97.4	97.4	97.4	98.8	99.1	99.3	99.6	
GE 100		92.2	92.9	93.8	94.8	95.8	96.3	96.5	97.6	97.6	97.6	97.6	99.1	99.4	99.8	100.0	
GE 0		92.2	92.9	93.8	94.8	95.8	96.3	96.5	97.6	97.6	97.6	97.6	99.1	99.4	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042023 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 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																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000				71.3	71.3	71.4	71.4	71.6	72.1	72.1	72.2	72.4	72.4	72.7	72.7	72.9	73.2	
GE 4500				72.3	72.3	72.4	72.4	72.6	73.1	73.1	73.2	73.4	73.4	73.8	73.8	73.9	74.2	
GE 4000				80.2	80.2	80.5	80.7	81.0	81.5	81.5	81.6	81.9	81.9	82.2	82.2	82.3	82.7	
GE 3500				84.7	84.9	85.4	85.7	85.9	86.5	86.5	86.6	86.8	86.8	87.2	87.2	87.3	87.6	
GE 3000				87.4	87.6	88.5	88.9	89.1	89.6	89.6	89.8	90.0	90.0	90.3	90.3	90.4	90.8	
GE 2500				88.7	89.0	89.9	90.3	90.7	91.4	91.4	91.6	91.8	91.8	92.1	92.1	92.2	92.6	
GE 2000				89.6	89.9	91.0	91.4	91.8	92.6	92.6	92.8	93.0	93.0	93.4	93.4	93.5	93.8	
GE 1800				89.8	90.0	91.1	91.6	91.9	92.7	92.7	92.9	93.1	93.1	93.5	93.5	93.6	93.9	
GE 1500				90.9	91.2	92.5	92.9	93.4	94.1	94.1	94.4	94.6	94.6	94.9	94.9	95.0	95.4	
GE 1200				91.3	91.7	92.9	93.4	93.8	94.6	94.6	94.9	95.2	95.2	95.5	95.5	95.6	95.9	
GE 1000				91.3	91.7	92.9	93.5	94.3	95.0	95.0	95.7	96.1	96.1	96.5	96.5	96.6	97.0	
GE 900				91.3	91.7	92.9	93.6	94.4	95.2	95.2	95.8	96.2	96.2	96.6	96.6	96.7	97.1	
GE 800				91.3	91.7	92.9	93.6	94.4	95.2	95.2	95.9	96.3	96.3	96.8	96.8	97.0	97.3	
GE 700				91.3	91.7	92.9	93.6	94.4	95.4	95.4	96.2	96.5	96.5	97.1	97.1	97.2	97.5	
GE 600				91.4	91.8	93.0	93.7	94.5	95.5	95.5	96.3	96.6	96.6	97.2	97.2	97.3	97.6	
GE 500				91.4	91.8	93.0	93.7	94.5	95.7	95.7	96.6	97.0	97.0	97.6	97.6	97.7	98.1	
GE 400				91.4	91.8	93.1	93.8	94.7	95.9	95.9	96.8	97.2	97.2	98.1	98.1	98.2	98.5	
GE 300				91.6	91.9	93.2	93.9	94.8	96.1	96.1	97.0	97.3	97.4	98.4	98.4	98.5	98.9	
GE 200				91.6	91.9	93.2	93.9	94.8	96.1	96.1	97.0	97.3	97.4	98.9	99.1	99.2	99.9	
GE 100				91.6	91.9	93.2	93.9	94.8	96.1	96.1	97.0	97.3	97.4	98.9	99.1	99.2	100.0	
GE 0				91.6	91.9	93.2	93.9	94.8	96.1	96.1	97.0	97.3	97.4	98.9	99.1	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			73.7	74.0	74.9	75.0	75.5	75.5	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8
GE 4500			73.9	74.2	75.1	75.3	75.7	75.7	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0
GE 4000			80.7	81.0	82.0	82.1	82.6	82.6	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9
GE 3500			85.1	85.5	86.6	86.7	87.1	87.1	87.1	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5
GE 3000			88.0	88.5	89.7	90.1	90.6	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0
GE 2500			89.0	89.6	91.1	91.4	92.1	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5
GE 2000			90.3	91.0	92.5	93.0	93.8	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4
GE 1800			90.6	91.3	92.9	93.3	94.1	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7
GE 1500			91.8	92.7	94.2	94.7	95.6	95.8	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
GE 1200			92.0	92.9	94.6	95.0	95.9	96.2	96.4	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 1000			92.0	92.9	94.6	95.1	96.5	96.7	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5
GE 900			92.0	92.9	94.6	95.1	96.6	96.8	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6
GE 800			92.0	92.9	94.6	95.1	96.6	96.8	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6
GE 700			92.0	92.9	94.6	95.1	96.7	96.9	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7
GE 600			92.0	92.9	94.6	95.1	96.8	97.1	97.4	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9
GE 500			92.0	92.9	94.8	95.4	97.3	97.5	97.9	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4
GE 400			92.1	93.0	95.1	95.7	97.6	97.9	98.2	98.5	98.6	98.6	98.9	98.9	98.9	98.9	98.9
GE 300			92.3	93.2	95.4	95.9	97.9	98.1	98.4	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2
GE 200			92.3	93.2	95.4	95.9	97.9	98.2	98.5	98.9	99.0	99.0	99.3	99.4	99.4	99.7	99.7
GE 100			92.3	93.2	95.4	95.9	97.9	98.2	98.5	98.9	99.0	99.0	99.3	99.4	99.7	100.0	100.0
GE 0			92.3	93.2	95.4	95.9	97.9	98.2	98.5	98.9	99.0	99.0	99.3	99.4	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 985

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 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 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																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			71.4	71.6	71.6	71.6	71.7	71.7	71.8	72.0	72.2	72.2	72.5	72.5	72.6	72.6
GE 4500			71.9	72.2	72.2	72.2	72.3	72.3	72.4	72.7	72.8	72.8	73.2	73.2	73.3	73.3
GE 4000			79.8	80.1	80.2	80.3	80.4	80.4	80.5	80.8	81.0	81.0	81.3	81.3	81.4	81.4
GE 3500			85.0	85.4	85.5	85.6	85.7	85.7	86.0	86.5	86.6	86.6	87.0	87.0	87.1	87.1
GE 3000			88.4	89.3	89.8	89.9	90.0	90.0	90.2	90.8	90.9	90.9	91.2	91.2	91.3	91.3
GE 2500			90.6	91.1	91.5	91.6	91.8	91.8	92.0	92.5	92.7	92.7	93.0	93.0	93.1	93.1
GE 2000			91.5	92.0	92.5	92.7	93.1	93.1	93.3	94.0	94.1	94.1	94.4	94.4	94.5	94.5
GE 1800			91.9	92.3	92.9	93.0	93.4	93.4	93.7	94.3	94.4	94.4	94.8	94.8	94.9	94.9
GE 1500			92.3	92.8	93.4	93.5	94.3	94.3	94.7	95.3	95.4	95.4	95.8	95.8	95.9	95.9
GE 1200			92.4	92.9	93.5	93.7	94.4	94.4	94.8	95.4	95.5	95.5	95.9	95.9	96.0	96.0
GE 1000			92.4	92.9	93.5	93.7	95.1	95.2	95.5	96.2	96.3	96.3	96.7	96.8	96.9	96.9
GE 900			92.4	92.9	93.5	93.7	95.3	95.4	96.0	96.7	96.9	96.9	97.2	97.3	97.4	97.4
GE 800			92.4	92.9	93.5	93.7	95.7	95.8	96.3	97.0	97.2	97.2	97.6	97.7	97.8	97.8
GE 700			92.4	92.9	93.5	93.7	95.7	95.8	96.3	97.0	97.2	97.2	97.6	97.7	97.8	97.8
GE 600			92.6	93.2	93.9	94.0	96.0	96.1	96.7	97.3	97.6	97.6	97.9	98.0	98.1	98.1
GE 500			92.6	93.2	94.0	94.1	96.1	96.2	96.8	97.4	97.7	97.7	98.0	98.1	98.2	98.2
GE 400			93.2	93.7	94.5	94.7	96.7	96.9	97.4	98.1	98.3	98.3	98.7	98.8	98.9	98.9
GE 300			93.5	94.0	94.9	95.0	97.0	97.2	97.8	98.4	98.7	98.7	99.0	99.1	99.2	99.2
GE 200			93.5	94.0	94.9	95.0	97.0	97.2	97.8	98.7	98.9	98.9	99.2	99.3	99.6	99.7
GE 100			93.5	94.0	94.9	95.0	97.0	97.2	97.8	98.7	98.9	98.9	99.2	99.3	99.6	100.0
GE 0			93.5	94.0	94.9	95.0	97.0	97.2	97.8	98.7	98.9	98.9	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-86
MONTH: SEP 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
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			70.7	70.9	71.0	71.0	71.2	71.2	71.2	71.4	71.4	71.4	71.6	71.6	71.7
GE 4500			72.5	72.7	72.8	72.8	73.0	73.0	73.0	73.3	73.3	73.3	73.4	73.4	73.5
GE 4000			79.0	79.2	79.9	79.9	80.2	80.2	80.2	80.7	80.8	80.8	81.0	81.0	81.2
GE 3500			83.6	84.3	85.1	85.1	85.6	85.6	85.7	86.2	86.3	86.3	86.6	86.6	86.7
GE 3000			87.4	88.0	88.8	88.8	89.4	89.4	89.5	90.1	90.2	90.2	90.4	90.4	90.5
GE 2500			89.1	89.8	90.6	90.6	91.2	91.2	91.3	91.9	92.0	92.0	92.2	92.2	92.3
GE 2000			90.4	91.3	92.2	92.2	92.8	92.9	93.1	93.8	94.0	94.0	94.2	94.2	94.4
GE 1800			90.4	91.3	92.2	92.2	92.8	92.9	93.1	93.8	94.0	94.0	94.2	94.2	94.4
GE 1500			90.5	91.4	92.3	92.6	93.3	93.5	93.7	94.4	94.6	94.6	94.8	94.8	94.9
GE 1200			90.5	91.4	92.4	92.7	93.5	93.7	93.9	94.6	94.9	94.8	95.0	95.0	95.1
GE 1000			91.1	92.1	93.1	93.3	94.5	94.7	94.9	95.7	95.9	95.9	96.2	96.2	96.3
GE 900			91.2	92.2	93.2	93.5	94.6	94.8	95.0	95.8	96.0	96.0	96.3	96.3	96.4
GE 800			91.2	92.2	93.2	93.6	94.8	95.3	95.6	96.4	96.8	96.8	97.1	97.1	97.2
GE 700			91.2	92.2	93.3	93.7	95.0	95.5	95.8	96.6	97.1	97.1	97.3	97.3	97.4
GE 600			91.5	92.6	93.7	94.0	95.4	95.8	96.2	97.0	97.4	97.4	97.6	97.6	97.7
GE 500			91.5	92.6	93.7	94.0	95.4	95.9	96.5	97.3	97.7	97.7	98.1	98.1	98.2
GE 400			91.6	92.7	93.8	94.1	95.5	96.2	96.7	97.6	98.1	98.1	98.5	98.5	98.6
GE 300			91.9	92.9	94.0	94.4	95.7	96.4	97.0	97.9	98.3	98.3	98.8	98.9	99.1
GE 200			91.9	92.9	94.0	94.4	95.7	96.6	97.2	98.4	98.9	98.9	99.3	99.4	99.7
GE 100			91.9	92.9	94.0	94.4	95.7	96.6	97.2	98.4	98.9	98.9	99.3	99.5	100.0
GE 0			91.9	92.9	94.0	94.4	95.7	96.6	97.2	98.4	98.9	98.9	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 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																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			69.6	69.6	69.8	69.8	69.8	69.8	69.9	70.1	70.2	70.2	70.3	70.3	70.5	70.5
GE 4500			71.1	71.3	71.5	71.5	71.5	71.5	71.6	71.8	71.9	71.9	72.0	72.0	72.2	72.2
GE 4000			78.4	78.5	78.9	78.9	78.9	78.9	79.0	79.3	79.4	79.4	79.8	79.8	79.9	79.9
GE 3500			84.0	84.2	84.7	84.7	84.7	84.8	84.9	85.1	85.2	85.2	85.7	85.7	85.8	85.8
GE 3000			87.6	88.0	88.8	88.8	89.0	89.1	89.2	89.4	89.5	89.6	90.1	90.1	90.2	90.2
GE 2500			88.6	89.1	89.9	89.9	90.0	90.1	90.2	90.5	90.6	90.8	91.2	91.2	91.3	91.3
GE 2000			90.8	91.0	91.8	92.0	92.1	92.2	92.3	92.7	92.8	92.9	93.3	93.3	93.5	93.5
GE 1800			90.8	91.0	91.8	92.0	92.1	92.2	92.3	92.7	92.8	92.9	93.3	93.3	93.5	93.5
GE 1500			91.1	91.3	92.2	92.4	93.0	93.1	93.2	93.6	93.7	93.8	94.3	94.3	94.4	94.4
GE 1200			91.1	91.3	92.2	92.4	93.0	93.1	93.2	93.6	93.7	93.8	94.3	94.3	94.4	94.4
GE 1000			91.3	91.5	92.7	92.9	93.7	93.9	94.1	94.7	94.9	94.9	95.5	95.5	95.6	95.6
GE 900			91.3	91.5	92.8	93.0	93.8	94.0	94.3	94.8	94.9	95.0	95.6	95.6	95.7	95.7
GE 800			91.5	91.8	93.0	93.2	94.0	94.4	94.6	95.4	95.5	95.6	96.2	96.2	96.3	96.3
GE 700			91.5	91.8	93.0	93.3	94.1	94.5	94.7	95.5	95.6	95.7	96.3	96.3	96.4	96.4
GE 600			91.5	91.8	93.0	93.3	94.1	94.5	94.7	95.6	95.7	95.8	96.6	96.6	96.7	96.7
GE 500			91.7	91.9	93.1	93.5	94.3	94.6	95.0	96.3	96.4	96.5	97.3	97.3	97.4	97.4
GE 400			92.1	92.3	93.6	93.9	94.7	95.0	95.5	96.7	96.8	97.0	97.9	97.9	98.0	98.0
GE 300			92.1	92.3	93.6	93.9	94.7	95.0	95.5	96.7	96.8	97.0	98.1	98.1	98.2	98.5
GE 200			92.1	92.3	93.6	93.9	94.7	95.2	95.6	97.3	97.4	97.5	99.0	99.0	99.3	99.7
GE 100			92.1	92.3	93.6	93.9	94.7	95.2	95.6	97.3	97.4	97.5	99.0	99.0	99.3	99.9
GE 0			92.2	92.4	93.7	94.0	94.8	95.3	95.7	97.4	97.5	97.6	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 887

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		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	U	
.....																		
NO CEIL																		
GE	20000																	
GE	18000																	
GE	16000																	
GE	14000																	
GE	12000																	
GE	10000																	
GE	9000																	
GE	8000																	
GE	7000																	
GE	6000																	
GE	5000		69.6	69.6	69.8	69.8	69.8	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.6	
GE	4500		71.0	71.0	71.1	71.1	71.1	71.5	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9	
GE	4000		80.0	80.0	80.1	80.1	80.1	80.7	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2	
GE	3500		84.7	84.7	84.8	84.8	84.8	85.5	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	86.0	
GE	3000		88.0	88.0	88.2	88.2	88.2	88.9	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.4	
GE	2500		88.7	88.7	88.9	88.9	88.9	89.6	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	
GE	2000		90.7	90.7	90.9	91.2	91.3	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.6	
GE	1800		90.7	90.7	90.9	91.2	91.3	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.6	
GE	1500		90.9	90.9	91.2	91.4	91.7	92.5	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	
GE	1200		90.9	90.9	91.2	91.4	91.7	92.5	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	
GE	1000		91.1	91.1	91.5	91.7	92.4	93.2	93.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.8	
GE	900		91.1	91.1	91.8	92.1	92.8	93.5	93.5	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1	
GE	800		91.1	91.1	91.8	92.1	92.8	93.5	93.5	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2	
GE	700		91.1	91.1	91.8	92.1	92.8	93.5	93.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.4	
GE	600		91.4	91.4	92.2	92.4	93.1	93.9	93.9	95.7	95.8	95.8	96.1	96.1	96.1	96.1	96.3	
GE	500		91.5	91.5	92.3	92.5	93.2	94.1	94.1	95.9	96.0	96.0	96.4	96.4	96.4	96.8	96.9	
GE	400		92.1	92.1	92.9	93.1	93.8	94.8	94.8	96.6	96.7	96.7	97.5	97.5	97.5	98.0	98.2	
GE	300		92.3	92.4	93.2	93.4	94.1	95.1	95.1	96.9	97.1	97.1	97.8	97.8	97.8	98.3	98.9	
GE	200		92.3	92.4	93.2	93.4	94.1	95.1	95.1	96.9	97.1	97.1	98.1	98.2	98.2	98.8	99.7	
GE	100		92.3	92.4	93.2	93.4	94.1	95.1	95.1	96.9	97.1	97.1	98.1	98.2	98.2	98.9	100.0	
GE	01		92.3	92.4	93.2	93.4	94.1	95.1	95.1	96.9	97.1	97.1	98.1	98.2	98.2	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 883

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			70.7	70.9	71.1	71.1	71.3	71.4	71.4	71.6	71.7	71.7	71.9	71.9	72.0
GE 4500			72.0	72.1	72.4	72.4	72.6	72.7	72.7	72.9	73.0	73.0	73.2	73.2	73.3
GE 4000			79.6	79.8	80.2	80.3	80.5	80.7	80.8	81.0	81.0	81.0	81.3	81.3	81.4
GE 3500			84.6	85.0	85.4	85.6	85.8	86.0	86.1	86.4	86.4	86.4	86.7	86.7	86.8
GE 3000			88.0	88.3	89.0	89.1	89.5	89.7	89.9	90.0	90.1	90.1	90.4	90.4	90.5
GE 2500			89.1	89.5	90.1	90.3	90.7	90.9	91.0	91.3	91.4	91.4	91.7	91.7	91.8
GE 2000			90.7	91.2	91.9	92.2	92.6	92.9	93.0	93.4	93.5	93.5	93.8	93.8	93.9
GE 1800			90.8	91.3	92.1	92.3	92.8	93.0	93.2	93.5	93.6	93.6	93.9	93.9	94.0
GE 1500			91.2	91.9	92.8	93.1	93.7	94.0	94.1	94.5	94.6	94.6	94.9	94.9	95.0
GE 1200			91.5	92.1	93.0	93.3	94.0	94.3	94.4	94.8	94.9	94.9	95.2	95.2	95.3
GE 1000			91.7	92.3	93.3	93.7	94.6	95.0	95.2	95.4	96.0	96.0	96.3	96.4	96.4
GE 900			91.7	92.3	93.4	93.8	94.8	95.2	95.4	96.1	96.2	96.2	96.5	96.6	96.6
GE 800			91.7	92.3	93.4	93.8	94.9	95.3	95.5	96.3	96.4	96.5	96.8	96.8	96.9
GE 700			91.7	92.3	93.4	93.8	94.9	95.4	95.6	96.4	96.5	96.6	96.9	97.0	97.0
GE 600			91.5	92.5	93.6	94.1	95.1	95.6	95.8	96.7	96.8	96.8	97.3	97.3	97.4
GE 500			92.1	92.6	93.7	94.2	95.3	95.8	96.1	97.0	97.1	97.2	97.7	97.7	97.8
GE 400			92.2	92.8	94.0	94.5	95.6	96.2	96.5	97.4	97.5	97.6	98.2	98.3	98.4
GE 300			92.3	93.0	94.2	94.6	95.7	96.3	96.6	97.5	97.7	97.7	98.5	98.6	98.8
GE 200			92.3	93.0	94.2	94.6	95.8	96.4	96.7	97.8	98.0	98.0	98.9	99.1	99.3
GE 100			92.3	93.0	94.2	94.6	95.8	96.4	96.7	97.9	98.0	98.1	99.0	99.2	99.5
GE 0			92.4	93.0	94.2	94.6	95.8	96.4	96.7	97.9	98.1	98.1	99.0	99.2	99.5

TOTAL NUMBER OF OBSERVATIONS: 7106

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8
NO CELL																
GE 20001																
GE 18001																
GE 16001																
GE 14001																
GE 12001																
GE 10001																
GE 9001																
GE 8001																
GE 7001																
GE 6001																
GE 5001																
GE 45001																
GE 40001																
GE 35001																
GE 30001																
GE 25001																
GE 20001																
GE 18001																
GE 16001																
GE 14001																
GE 12001																
GE 10001																
GE 9001																
GE 8001																
GE 7001																
GE 6001																
GE 5001																
GE 4001																
GE 3001																
GE 2001																
GE 1001																
GE 01																

TOTAL NUMBER OF OBSERVATIONS: 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GF 6	GE 5	GF 4	GE 3	GF 2	GE 1 1/2	GF 1	GE 1 1/4	GF 1	GE 3/4	GF 5/8	GE 1/2	GF 5/16	GE 1/4	GF 0
NO CEIL																	
GE	20000																
GF	18000																
GE	16000																
GF	14000																
GF	12000																
GF	10000																
GE	9000																
GF	8000																
GF	7000																
GF	6000																
GE	5000			75.3	76.0	76.0	76.0	76.1	76.2	76.3	76.3	76.4	76.4	76.5	76.5	76.7	76.8
GF	4500			76.2	76.9	76.9	76.9	77.0	77.1	77.2	77.2	77.3	77.3	77.4	77.4	77.5	77.6
GF	4000			81.5	82.2	82.2	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.7	82.7	82.8	82.9
GF	3500			84.3	84.9	84.9	85.0	85.1	85.2	85.4	85.4	85.5	85.5	85.7	85.7	85.8	85.9
GE	3000			87.6	88.7	89.1	89.2	89.4	89.5	89.6	90.0	90.1	90.1	90.5	90.5	90.6	90.7
GE	2500			90.6	91.1	91.5	91.6	91.9	92.0	92.1	92.4	92.5	92.5	93.0	93.0	93.1	93.2
GF	2000			92.3	93.5	94.3	94.4	94.6	94.7	94.8	95.2	95.3	95.3	95.7	95.7	95.8	95.9
GF	1800			92.3	93.5	94.3	94.4	94.6	94.7	94.8	95.2	95.3	95.3	95.7	95.7	95.8	95.9
GE	1500			92.3	93.8	94.6	94.7	94.9	95.0	95.2	95.5	95.6	95.6	96.0	96.0	96.1	96.3
GF	1200			92.4	94.1	94.8	94.9	95.2	95.3	95.4	95.7	95.8	95.8	96.3	96.3	96.4	96.5
GF	1000			92.5	94.2	94.9	95.0	95.5	95.6	95.7	96.0	96.1	96.1	96.8	96.8	96.9	97.0
GF	900			92.8	94.5	95.3	95.4	95.8	95.9	96.0	96.4	96.5	96.5	97.1	97.1	97.2	97.4
GF	800			93.0	94.6	95.4	95.5	96.3	96.4	96.5	96.8	96.9	96.9	97.6	97.6	97.7	97.8
GE	700			93.0	94.6	95.4	95.5	96.3	96.4	96.5	96.8	96.9	96.9	97.6	97.6	97.7	97.8
GE	600			93.0	94.6	95.7	95.8	96.6	96.7	96.8	97.1	97.2	97.2	98.0	98.0	98.1	98.2
GF	500			93.0	94.6	95.7	95.8	96.6	96.7	96.8	97.1	97.2	97.2	98.0	98.0	98.1	98.2
GF	400			93.0	94.6	95.7	95.8	96.6	96.7	96.8	97.4	97.5	97.5	98.3	98.3	98.7	98.8
GF	300			93.0	94.6	96.0	96.1	96.9	97.0	97.1	97.7	97.8	97.8	98.7	98.7	99.0	99.1
GE	200			93.0	94.6	96.0	96.1	96.9	97.0	97.1	97.7	97.8	97.8	98.7	98.7	99.0	99.1
GF	100			93.0	94.6	96.0	96.1	96.9	97.0	97.1	97.7	97.8	97.8	98.7	98.7	99.3	100.0
GF	0			93.0	94.6	96.0	96.1	96.9	97.0	97.1	97.7	97.8	97.8	98.7	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 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																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			69.4	70.4	71.1	71.3	71.5	71.6	71.6	71.8	72.0	72.0	72.2	72.2	72.2	72.2
GE 4500			70.2	71.2	71.9	72.1	72.3	72.4	72.4	72.5	72.7	72.7	73.0	73.0	73.0	73.0
GE 4000			76.3	77.3	78.2	78.5	78.7	78.8	78.8	78.9	79.1	79.1	79.3	79.3	79.3	79.3
GE 3500			81.2	82.3	83.4	84.0	84.4	84.5	84.5	84.6	84.8	84.8	85.2	85.2	85.2	85.2
GE 3000			84.4	85.5	86.9	87.5	87.9	88.2	88.2	88.7	88.9	88.9	89.3	89.3	89.5	89.5
GE 2500			86.0	87.4	89.9	89.5	89.9	90.2	90.2	90.7	90.9	90.9	91.3	91.3	91.4	91.4
GE 2000			88.1	89.6	91.3	91.9	92.4	92.7	92.7	93.2	93.4	93.4	93.8	93.8	94.0	94.0
GE 1800			88.2	89.7	91.4	92.0	92.5	92.9	92.9	93.3	93.5	93.5	94.0	94.0	94.1	94.1
GE 1500			88.7	90.1	92.1	92.6	93.2	93.5	93.5	94.2	94.4	94.4	94.8	94.8	94.9	94.9
GE 1200			88.9	90.3	92.4	93.0	93.6	94.0	94.0	94.6	94.8	94.8	95.3	95.3	95.4	95.4
GE 1000			89.3	91.2	93.3	93.8	94.7	95.1	95.1	95.9	96.2	96.2	96.7	96.7	97.0	97.1
GE 900			89.3	91.2	93.3	93.8	94.7	95.1	95.1	95.9	96.2	96.2	96.7	96.7	97.0	97.1
GE 800			89.3	91.2	93.3	93.8	94.7	95.1	95.1	95.9	96.2	96.2	96.7	96.7	97.0	97.1
GE 700			89.5	91.3	93.4	94.0	94.8	95.2	95.2	96.4	96.6	96.6	97.1	97.1	97.5	97.6
GE 600			89.6	91.4	93.6	94.2	95.1	95.6	95.6	96.6	97.0	97.0	97.6	97.6	98.1	98.2
GE 500			89.6	91.4	93.6	94.2	95.1	95.6	95.6	96.6	97.0	97.0	97.7	97.7	98.2	98.4
GE 400			89.7	91.5	93.7	94.3	95.2	95.7	95.7	96.9	97.1	97.1	98.0	98.0	98.6	98.8
GE 300			89.8	91.6	93.8	94.4	95.3	95.8	95.8	97.0	97.3	97.3	98.1	98.1	98.7	99.0
GE 200			89.8	91.6	93.8	94.4	95.3	95.8	95.8	97.0	97.3	97.3	98.2	98.2	98.8	99.1
GE 100			89.8	91.6	93.8	94.4	95.3	95.8	95.8	97.0	97.3	97.3	98.2	98.2	98.9	99.6
GE C			89.4	91.6	93.8	94.4	95.3	95.8	95.8	97.0	97.3	97.3	98.2	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0900-1111

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CLIC I																
GT 20000																
GT 18000																
GT 16000																
GT 14000																
GT 12000																
GT 10000																
GT 9000																
GT 8000																
GT 7000																
GT 6000																
GT 5000			65.5	66.0	66.8	66.9	67.3	67.5	67.5	67.7	67.7	67.7	67.7	68.1	68.1	68.1
GT 4500			67.4	68.0	68.8	68.9	69.3	69.5	69.5	69.6	69.6	69.6	69.9	70.1	70.1	70.1
GT 4000			72.2	72.9	73.7	73.9	74.6	74.8	74.9	75.0	75.0	75.0	75.4	75.5	75.6	75.6
GT 3500			78.1	79.2	80.0	80.4	81.1	81.4	81.5	81.6	81.6	81.6	82.0	82.2	82.3	82.3
GT 3000			82.4	83.6	84.6	85.0	85.8	86.1	86.2	86.4	86.4	86.4	86.7	86.9	87.0	87.0
GT 2500			84.5	85.9	87.1	87.6	88.3	88.7	88.8	88.9	88.9	88.9	89.2	89.4	89.5	89.5
GT 2000			86.6	87.9	89.5	90.2	91.1	91.4	91.5	91.6	91.6	91.6	92.0	92.2	92.3	92.3
GT 1800			86.6	88.4	90.1	90.8	91.6	92.0	92.1	92.2	92.2	92.2	92.5	92.7	92.8	92.8
GT 1500			87.5	89.3	91.1	92.0	93.1	93.5	93.6	93.8	93.8	93.8	94.2	94.4	94.5	94.5
GT 1200			87.6	89.4	91.2	92.1	93.6	94.3	94.4	94.6	94.6	94.6	94.9	95.2	95.3	95.3
GT 1000			87.6	89.4	91.2	92.1	93.8	94.5	94.6	95.3	95.3	95.3	95.6	95.8	95.9	95.9
GT 900			87.6	89.4	91.2	92.1	93.8	94.5	94.6	95.3	95.3	95.3	95.6	95.8	95.9	95.9
GT 800			87.6	89.4	91.2	92.1	93.8	94.5	94.6	95.4	95.5	95.5	95.8	96.0	96.1	96.1
GT 700			87.8	89.7	91.4	92.3	94.1	94.7	94.8	95.6	95.8	95.8	96.1	96.4	96.5	96.5
GT 600			87.9	89.8	91.5	92.4	94.2	94.8	94.9	95.9	96.1	96.1	96.7	96.9	97.1	97.2
GT 500			87.9	89.8	91.5	92.4	94.5	95.3	95.4	96.4	96.8	96.8	97.5	97.8	98.2	98.3
GT 400			87.9	89.8	91.5	92.4	94.5	95.3	95.4	96.4	97.0	97.0	97.7	98.0	98.5	98.6
GT 300			88.0	89.9	91.6	92.5	94.6	95.4	95.5	96.5	97.1	97.1	97.8	98.1	98.7	98.8
GT 200			88.0	89.9	91.6	92.5	94.6	95.5	95.6	96.6	97.2	97.2	98.0	98.3	98.9	99.2
GT 100			88.0	89.9	91.6	92.5	94.6	95.5	95.6	96.6	97.2	97.2	98.1	98.5	99.2	99.7
GT 0			88.0	89.9	91.6	92.5	94.6	95.5	95.6	96.6	97.2	97.2	98.1	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 709

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 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 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																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																

TOTAL NUMBER OF OBSERVATIONS: 210

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

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

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CELL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			68.0	69.3	69.9	69.9	70.3	70.8	70.8	71.3	71.3	71.3	71.5	71.5	71.6	71.7
GE 4500			69.2	70.5	71.1	71.1	71.5	72.0	72.0	72.5	72.5	72.5	72.7	72.7	72.8	72.9
GE 4000			73.9	75.4	76.1	76.1	76.6	77.0	77.1	78.0	78.1	78.1	78.3	78.3	78.5	78.6
GE 3500			78.0	79.6	80.6	80.6	81.2	81.7	81.8	82.8	82.9	82.9	83.4	83.4	83.6	83.7
GE 3000			83.0	85.3	86.4	86.4	87.1	87.6	87.7	88.7	88.3	88.8	89.3	89.3	89.5	89.7
GE 2500			86.9	89.5	90.9	90.9	91.7	92.2	92.3	93.3	93.4	93.4	93.9	93.9	94.1	94.3
GE 2000			88.5	91.1	92.7	92.7	93.4	94.0	94.1	95.1	95.2	95.2	95.6	95.6	95.8	96.1
GE 1800			88.8	91.5	93.0	93.1	93.9	94.4	94.5	95.5	95.6	95.6	96.1	96.1	96.3	96.5
GE 1500			89.0	91.7	93.5	93.6	94.4	95.1	95.2	96.2	96.3	96.3	96.7	96.7	96.9	97.2
GE 1200			89.3	91.9	94.0	94.1	95.0	95.6	95.7	96.7	96.8	96.8	97.3	97.3	97.5	97.7
GE 1000			89.3	91.9	94.0	94.1	95.3	95.9	96.1	97.4	97.6	97.6	98.0	98.0	98.2	98.5
GE 900			89.3	91.9	94.0	94.1	95.3	95.9	96.1	97.4	97.6	97.6	98.0	98.0	98.2	98.5
GE 800			89.3	91.9	94.0	94.1	95.3	95.9	96.1	97.4	97.6	97.6	98.1	98.1	98.4	98.6
GE 700			89.3	91.9	94.0	94.1	95.3	95.9	96.1	97.4	97.7	97.7	98.2	98.2	98.5	98.7
GE 600			89.3	91.9	94.0	94.1	95.3	95.9	96.1	97.4	97.7	97.7	98.2	98.2	98.5	98.7
GE 500			89.3	91.9	94.0	94.1	95.3	95.9	96.1	97.4	97.7	97.7	98.2	98.2	98.7	98.9
GE 400			89.3	91.9	94.0	94.1	95.3	95.9	96.1	97.4	97.7	97.7	98.2	98.2	98.9	99.1
GE 300			89.3	91.9	94.0	94.1	95.3	95.9	96.1	97.4	97.7	97.7	98.4	98.4	99.0	99.2
GE 200			89.3	91.9	94.0	94.1	95.3	95.9	96.1	97.4	97.7	97.7	98.4	98.4	99.1	99.7
GE 100			89.3	91.9	94.0	94.1	95.3	95.9	96.1	97.4	97.7	97.7	98.4	98.4	99.1	100.0
GE 0			89.3	91.9	94.0	94.1	95.3	95.9	96.1	97.4	97.7	97.7	98.4	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 913

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1800-2JCO

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 917

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 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																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000		69.6	70.4	70.9	71.1	71.3	71.6	72.0	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5
GE 4500		71.2	71.7	72.2	72.4	72.6	73.0	73.3	73.5	73.7	73.8	73.9	73.9	73.9	73.9	73.9
GE 4000		78.5	79.3	79.7	79.9	80.2	80.5	80.8	81.1	81.2	81.3	81.4	81.5	81.5	81.5	81.6
GE 3500		81.6	82.6	83.1	83.3	83.5	84.2	84.5	84.8	84.9	85.0	85.1	85.2	85.2	85.3	
GE 3000		86.4	87.4	88.0	88.2	88.6	89.2	89.6	89.8	89.9	90.0	90.1	90.2	90.2	90.5	
GF 2500			89.1	90.2	90.8	91.0	91.7	92.4	92.7	92.9	93.0	93.2	93.3	93.4	93.4	93.6
GF 2000			91.1	92.5	93.6	93.8	94.7	95.4	95.7	96.0	96.1	96.2	96.3	96.4	96.4	96.6
GF 1800			91.3	92.6	93.7	93.9	94.8	95.5	95.9	96.1	96.2	96.3	96.4	96.5	96.5	96.7
GF 1500			91.5	92.8	94.2	94.4	95.3	96.0	96.3	96.5	96.6	96.7	96.9	97.0	97.0	97.2
GF 1200			91.5	92.8	94.2	94.4	95.3	96.1	96.4	96.6	96.7	96.9	97.0	97.1	97.1	97.3
GF 1000			91.7	93.0	94.5	94.7	95.6	96.4	96.7	97.0	97.2	97.3	97.4	97.5	97.6	97.9
GF 900			91.8	93.2	94.6	94.8	95.7	96.5	96.9	97.1	97.3	97.4	97.5	97.6	97.8	98.0
GF 800			91.8	93.2	94.6	94.8	95.7	96.5	96.9	97.1	97.3	97.4	97.5	97.6	97.8	98.0
GF 700			91.8	93.2	94.6	94.8	95.7	96.5	96.9	97.1	97.3	97.4	97.5	97.6	97.8	98.0
GF 600			91.6	93.3	94.7	95.0	95.9	96.6	97.0	97.2	97.4	97.5	97.6	97.8	97.9	98.1
GF 500			91.8	93.3	94.7	95.1	96.0	96.7	97.1	97.4	97.6	97.8	98.0	98.9	99.0	99.2
GF 400			91.8	93.3	94.7	95.1	96.0	96.9	97.2	97.6	97.9	98.0	99.0	99.1	99.2	99.4
GF 300			91.8	93.3	94.7	95.1	96.0	96.9	97.2	97.6	97.9	98.0	99.0	99.1	99.2	99.4
GF 200			91.8	93.3	94.7	95.1	96.0	97.0	97.3	97.6	98.0	98.1	99.1	99.2	99.4	99.7
GF 100			91.6	93.3	94.7	95.1	96.0	97.0	97.3	97.8	98					

TOTAL NUMBER OF OBSERVATIONS: 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

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	2	1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000		69.5	70.2	70.7	70.9	71.2	71.4	71.5	71.7	71.9	71.9	71.9	72.1	72.1	72.2	72.2
GE 4500		70.8	71.5	72.0	72.2	72.5	72.7	72.8	73.0	73.1	73.2	73.4	73.4	73.4	73.5	73.5
GE 4000		76.7	77.6	78.1	78.4	78.7	79.0	79.1	79.4	79.5	79.5	79.8	79.8	79.9	80.0	80.0
GE 3500		80.8	81.8	82.4	82.7	83.1	83.5	83.7	83.9	84.1	84.1	84.4	84.5	84.6	84.6	84.6
GE 3000		85.0	86.1	87.0	87.3	87.8	88.3	88.5	88.8	89.0	89.0	89.4	89.4	89.5	89.7	89.7
GE 2500		87.7	89.0	90.0	90.4	91.0	91.4	91.6	91.9	92.1	92.1	92.5	92.5	92.7	92.8	92.8
GE 2000		89.5	91.0	92.3	92.7	93.3	93.9	94.0	94.4	94.5	94.5	94.9	94.9	95.0	95.1	95.2
GE 1800		89.8	91.3	92.6	93.0	93.6	94.1	94.3	94.7	94.8	94.8	95.2	95.2	95.3	95.4	95.5
GE 1500		90.1	91.7	93.2	93.6	94.3	94.8	95.0	95.4	95.5	95.5	95.9	95.9	96.0	96.1	96.2
GE 1200		90.2	91.9	93.4	93.6	94.6	95.2	95.4	95.8	95.9	95.9	96.3	96.4	96.5	96.6	96.6
GE 1000		90.3	92.0	93.6	94.0	94.9	95.5	95.7	96.4	96.6	96.6	97.0	97.1	97.2	97.4	97.4
GE 900		90.4	92.1	93.7	94.1	95.0	95.6	95.9	96.5	96.7	96.7	97.2	97.2	97.4	97.6	97.6
GE 800		90.5	92.2	93.7	94.2	95.2	95.8	96.0	96.7	96.9	96.9	97.4	97.4	97.6	97.8	97.8
GE 700		90.5	92.2	93.8	94.2	95.2	95.8	96.1	96.8	97.1	97.1	97.6	97.6	97.8	98.0	98.0
GE 600		90.6	92.3	93.9	94.3	95.4	96.0	96.2	97.0	97.3	97.3	97.8	97.9	98.1	98.3	98.3
GE 500		90.6	92.3	93.9	94.3	95.4	96.1	96.3	97.2	97.5	97.5	98.2	98.2	98.6	98.7	98.7
GE 400		90.6	92.3	93.9	94.3	95.4	96.1	96.3	97.2	97.6	97.6	98.4	98.4	98.8	99.0	99.0
GE 300		90.6	92.4	94.0	94.5	95.5	96.2	96.4	97.4	97.7	97.7	98.5	98.6	98.9	99.1	99.1
GE 200		90.6	92.4	94.0	94.5	95.5	96.2	96.5	97.4	97.7	97.7	98.6	98.6	99.1	99.4	99.4
GE 100		90.6	92.4	94.0	94.5	95.5	96.2	96.5	97.4	97.7	97.7	98.6	98.6	99.3	99.9	99.9
GE 0		90.6	92.4	94.0	94.5	95.5	96.2	96.5	97.4	97.7	97.7	98.6	98.6	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7072

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			79.4	80.3	80.7	80.8	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.5	82.0	82.2
GE 4500			80.9	81.8	82.2	82.5	82.6	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.8	83.9
GE 4000			85.1	86.4	86.8	87.2	87.3	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.1	88.6	88.8
GE 3500			87.5	88.9	89.3	89.7	89.8	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.6	91.1	91.3
GE 3000			89.4	90.9	92.0	92.4	92.5	93.0	93.0	93.2	93.2	93.2	93.2	93.3	93.4	94.0	94.1
GE 2500			90.2	91.8	93.0	93.3	93.4	93.9	93.9	94.1	94.1	94.1	94.1	94.2	94.3	94.9	95.0
GE 2000			90.8	92.4	94.0	94.3	94.8	95.1	95.5	95.7	95.7	95.7	95.7	95.8	95.9	96.8	96.9
GE 1800			91.1	92.7	94.3	94.7	95.1	95.8	95.8	96.0	96.0	96.0	96.0	96.1	96.3	97.2	97.3
GE 1500			91.1	92.5	94.4	94.8	95.2	95.9	95.9	96.1	96.1	96.1	96.1	96.3	96.4	97.3	97.4
GE 1200			91.6	93.3	94.9	95.2	95.7	96.4	96.4	96.6	96.6	96.6	96.6	96.7	96.8	97.7	97.8
GE 1000			91.9	93.6	95.2	95.6	96.0	96.8	96.8	97.0	97.0	97.0	97.0	97.4	97.5	98.4	98.5
GE 900			91.9	93.6	95.2	95.6	96.0	96.8	96.8	97.0	97.0	97.0	97.0	97.4	97.5	98.4	98.5
GE 800			91.9	93.6	95.3	95.7	96.4	97.2	97.2	97.4	97.4	97.4	97.4	97.7	97.8	98.8	98.9
GE 700			91.9	93.6	95.3	95.7	96.4	97.2	97.2	97.4	97.4	97.4	97.4	97.7	97.8	98.8	98.9
GE 600			91.9	93.6	95.3	95.7	96.4	97.2	97.2	97.4	97.4	97.4	97.4	97.7	97.8	98.8	98.9
GE 500			91.9	93.6	95.3	95.7	96.4	97.2	97.2	97.4	97.4	97.4	97.4	97.7	97.8	98.8	98.9
GE 400			91.9	93.6	95.3	95.7	96.4	97.2	97.2	97.4	97.4	97.4	97.4	97.7	97.8	98.8	98.9
GE 300			91.9	93.6	95.3	95.7	96.4	97.2	97.2	97.4	97.4	97.4	97.4	97.7	97.8	98.8	98.9
GE 200			91.9	93.6	95.3	95.7	96.4	97.2	97.2	97.4	97.4	97.4	97.4	97.7	97.8	98.8	98.9
GE 100			91.9	93.6	95.3	95.7	96.4	97.2	97.2	97.4	97.4	97.4	97.4	97.7	98.1	99.2	99.3
GE 0			91.9	93.6	95.3	95.7	96.4	97.2	97.2	97.4	97.4	97.4	97.4	97.7	98.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(EST): 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																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000		79.8	80.4	80.5	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2	82.0	82.0
GE 4500		80.7	82.4	82.6	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.3	83.3	84.1	84.7
GE 4000		84.3	85.9	86.3	86.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9	87.2	87.2	88.0	88.6
GE 3500		86.6	88.5	88.9	89.0	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.9	89.9	90.7	91.2
GE 3000		87.5	89.7	90.2	90.3	90.5	90.8	90.8	90.8	90.9	91.0	91.0	91.3	91.3	92.2	92.7
GE 2500		88.5	90.8	91.3	91.7	91.9	92.2	92.2	92.3	92.4	92.4	92.4	92.8	92.8	93.7	94.2
GE 2000		89.7	92.0	92.7	93.3	93.7	93.9	93.9	94.0	94.1	94.1	94.6	94.6	94.6	95.6	96.2
GE 1800		90.1	92.4	93.1	93.7	94.0	94.2	94.2	94.3	94.5	94.5	94.9	94.9	94.9	96.0	96.5
GE 1500		91.0	93.4	94.1	94.7	95.3	95.5	95.5	95.6	95.7	95.7	96.2	96.2	96.2	97.2	97.8
GE 1200		91.2	93.8	94.5	95.0	95.6	95.8	95.8	96.0	96.1	96.1	96.5	96.5	96.5	97.6	98.2
GE 1000		91.5	94.0	94.7	95.3	95.8	96.2	96.2	96.9	97.0	97.0	97.5	97.5	97.5	98.5	99.1
GE 900		91.5	94.0	94.7	95.3	95.8	96.2	96.2	96.9	97.0	97.0	97.5	97.5	97.5	98.5	99.1
GE 800		91.5	94.0	94.7	95.3	95.8	96.2	96.2	96.9	97.0	97.0	97.5	97.5	97.5	98.5	99.1
GE 700		91.5	94.0	94.7	95.3	95.8	96.2	96.2	96.9	97.0	97.0	97.5	97.5	97.5	98.5	99.1
GE 600		91.5	94.0	94.7	95.3	95.8	96.2	96.2	96.9	97.0	97.0	97.5	97.5	97.5	98.5	99.1
GE 500		91.5	94.0	94.7	95.3	95.8	96.2	96.2	96.9	97.0	97.0	97.5	97.5	97.5	98.5	99.1
GE 400		91.5	94.0	94.7	95.3	95.8	96.2	96.2	96.9	97.0	97.0	97.5	97.5	97.5	98.5	99.1
GE 300		91.5	94.0	94.7	95.3	95.8	96.2	96.2	96.9	97.0	97.0	97.5	97.5	97.5	98.5	99.1
GE 200		91.5	94.0	94.7	95.3	95.8	96.2	96.2	96.9	97.0	97.0	97.5	97.5	97.5	98.5	99.1
GE 100		91.5	94.0	94.7	95.3	95.8	96.2	96.2	96.9	97.0	97.0	97.5	97.5	97.5	98.5	99.1
GE 0		91.5	94.0	94.7	95.3	95.8	96.2	96.2	96.9	97.0	97.0	97.5	97.5	97.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 967

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042023 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GL	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF
		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																	
GE	20000																
GE	18000																
GF	16000																
GF	14000																
GF	12000																
GE	10000																
GF	9000																
GF	8000																
GF	7000																
GF	6000																
GF	5000		78.1	79.4	79.7	80.1	80.1	80.3	80.3	80.4	80.4	80.4	80.6	80.8	81.0	81.6	81.7
GF	4500		79.9	81.4	81.8	82.2	82.2	82.4	82.4	82.6	82.6	82.8	82.9	83.1	83.3	83.9	84.0
GF	4000		84.3	86.0	86.5	86.8	86.8	87.0	87.0	87.4	87.4	87.5	87.6	87.8	88.1	88.7	88.8
GF	3500		86.9	88.7	89.2	89.6	89.6	89.8	89.8	90.2	90.2	90.3	90.4	90.6	90.9	91.4	91.6
GF	3000		88.2	90.2	90.9	91.2	91.2	91.4	91.4	91.8	91.8	91.9	92.0	92.2	92.5	93.1	93.2
GF	2500		89.4	91.3	92.0	92.5	92.5	92.7	92.7	93.1	93.1	93.2	93.3	93.5	93.8	94.3	94.4
GF	2000		90.5	92.5	93.2	93.6	93.6	93.9	93.9	94.2	94.2	94.3	94.4	94.7	94.9	95.5	95.6
GF	1800		91.6	93.5	94.2	94.7	94.7	94.9	94.9	95.3	95.3	95.4	95.5	95.7	95.9	96.5	96.6
GF	1500		92.7	94.9	95.7	96.3	96.4	96.6	96.6	97.0	97.0	97.1	97.2	97.5	97.7	98.1	98.4
GF	1200		92.8	95.0	95.9	96.5	96.6	96.9	96.9	97.2	97.2	97.3	97.5	97.7	97.9	98.5	98.6
GF	1000		93.1	95.4	96.3	96.9	97.1	97.6	97.6	98.1	98.1	98.3	98.4	98.6	98.8	99.4	99.5
GF	900		93.1	95.4	96.3	96.9	97.1	97.6	97.6	98.1	98.1	98.3	98.4	98.6	98.8	99.4	99.5
GF	800		93.1	95.4	96.3	96.9	97.1	97.6	97.6	98.1	98.1	98.3	98.4	98.6	98.8	99.4	99.5
GF	700		93.1	95.4	96.3	96.9	97.1	97.6	97.6	98.1	98.1	98.3	98.4	98.6	98.8	99.4	99.5
GF	600		93.1	95.4	96.3	96.9	97.1	97.6	97.6	98.1	98.1	98.3	98.4	98.6	98.8	99.4	99.5
GF	500		93.1	95.4	96.3	96.9	97.1	97.6	97.6	98.1	98.1	98.3	98.4	98.6	98.8	99.4	99.5
GF	400		93.1	95.4	96.3	96.9	97.1	97.6	97.6	98.1	98.1	98.3	98.4	98.6	98.8	99.4	99.5
GF	300		93.1	95.4	96.3	96.9	97.1	97.6	97.6	98.1	98.1	98.3	98.4	98.6	98.8	99.4	99.5
GF	200		93.1	95.4	96.3	96.9	97.1	97.6	97.6	98.1	98.1	98.3	98.4	98.6	99.0	99.7	99.8
GF	100		93.1	95.4	96.3	96.9	97.1	97.6	97.6	98.1	98.1	98.3	98.4	98.6	99.0	99.7	100.0
GF	0		93.1	95.4	96.3	96.9	97.1	97.6	97.6	98.1	98.1	98.3	98.4	98.6	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 864

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	GL	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	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	0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			77.4	78.1	79.9	79.5	79.8	80.0	80.2	80.2	80.2	80.3	80.3	80.4	81.0	81.1	
GE 4500			79.1	79.8	80.6	81.2	81.5	81.9	82.0	82.0	82.0	82.1	82.1	82.2	82.8	82.9	
GE 4000			81.9	82.7	83.5	84.1	84.5	84.9	85.0	85.1	85.1	85.2	85.4	85.5	86.0	86.2	
GE 3500			85.0	85.9	86.9	87.4	87.9	88.2	88.4	88.5	88.5	88.6	88.7	88.8	89.4	89.5	
GE 3000			87.5	88.5	89.5	90.1	90.5	90.9	91.0	91.1	91.1	91.2	91.3	91.5	92.0	92.2	
GE 2500			88.4	89.3	90.4	91.0	91.5	92.0	92.2	92.3	92.3	92.4	92.5	92.6	93.2	93.3	
GE 2000			89.6	90.5	92.0	92.7	93.3	93.9	94.0	94.1	94.1	94.2	94.3	94.5	95.0	95.2	
GE 1800			90.4	91.3	93.0	93.7	94.2	94.8	94.9	95.0	95.0	95.2	95.3	95.4	96.0	96.1	
GE 1500			91.8	92.7	94.8	95.6	96.3	96.9	97.0	97.2	97.2	97.3	97.5	97.6	98.2	98.3	
GE 1200			92.2	93.1	95.2	96.0	96.7	97.2	97.3	97.7	97.7	97.8	97.9	98.0	98.6	98.7	
GE 1000			92.2	93.2	95.4	96.2	97.0	97.7	97.8	98.2	98.2	98.3	98.4	98.5	99.1	99.2	
GE 900			92.3	93.3	95.5	96.3	97.1	97.8	97.9	98.3	98.3	98.4	98.5	98.6	99.2	99.3	
GE 800			92.3	93.3	95.5	96.3	97.1	97.8	97.9	98.3	98.3	98.4	98.5	98.6	99.2	99.3	
GE 700			92.3	93.3	95.5	96.3	97.1	97.8	97.9	98.3	98.3	98.4	98.5	98.6	99.2	99.3	
GE 600			92.3	93.3	95.5	96.3	97.1	97.8	97.9	98.3	98.3	98.4	98.5	98.6	99.2	99.3	
GE 500			92.3	93.3	95.5	96.3	97.1	97.8	97.9	98.3	98.3	98.4	98.7	98.8	99.4	99.5	
GE 400			92.3	93.3	95.5	96.3	97.1	97.8	97.9	98.3	98.3	98.4	98.7	98.8	99.4	99.5	
GE 300			92.3	93.3	95.5	96.3	97.1	97.8	97.9	98.3	98.3	98.4	98.8	99.0	99.5	99.7	
GE 200			92.3	93.3	95.5	96.3	97.1	97.8	97.9	98.3	98.3	98.4	98.8	99.0	99.5	99.8	
GE 100			92.3	93.3	95.5	96.3	97.1	97.8	97.9	98.3	98.3	98.4	98.8	99.0	99.5	99.8	
GE 0			92.2	93.4	95.6	96.4	97.2	97.9	98.0	98.4	98.4	98.5	99.0	99.1	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CELL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			77.1	77.8	78.8	79.0	79.0	79.5	79.5	79.7	79.7	80.1	80.3	80.5	80.9	80.9
GE 4500			78.2	79.0	80.1	80.3	80.3	80.8	80.8	81.0	81.0	81.3	81.5	81.8	82.1	82.1
GE 4000			81.2	82.5	83.8	84.1	84.2	84.6	84.6	84.9	84.9	85.2	85.4	85.6	86.0	86.0
GE 3500			84.4	85.9	87.5	87.7	87.8	88.3	88.3	88.5	88.5	89.0	89.2	89.4	89.7	89.7
GE 3000			87.2	88.8	90.7	90.9	91.0	91.5	91.5	91.7	91.7	92.1	92.5	92.7	93.1	93.1
GE 2500			87.8	89.5	91.5	91.8	92.0	92.5	92.5	92.7	92.7	93.2	93.5	93.7	94.1	94.1
GE 2000			89.4	91.2	93.4	93.7	94.1	94.5	94.5	94.9	94.9	95.3	95.8	96.0	96.5	96.5
GE 1800			89.7	91.6	93.7	94.1	94.5	95.0	95.0	95.3	95.3	95.8	96.2	96.5	96.9	96.9
GE 1500			90.5	92.4	95.0	95.3	96.0	96.6	96.6	96.9	96.9	97.4	97.8	98.1	98.5	98.5
GE 1200			90.7	92.5	95.1	95.4	96.1	96.8	96.8	97.2	97.2	97.6	98.1	98.4	99.0	99.0
GE 1000			90.7	92.5	95.1	95.4	96.1	96.9	96.9	97.3	97.3	97.7	98.2	98.5	99.1	99.1
GE 900			90.7	92.5	95.1	95.4	96.1	96.9	96.9	97.3	97.3	97.7	98.2	98.5	99.1	99.1
GE 800			90.7	92.5	95.1	95.4	96.1	96.9	97.0	97.7	97.7	98.2	98.6	99.0	99.5	99.5
GE 700			90.7	92.5	95.1	95.4	96.1	96.9	97.0	97.7	97.7	98.2	98.6	99.0	99.5	99.5
GE 600			90.7	92.5	95.1	95.4	96.1	96.9	97.0	97.7	97.7	98.2	98.6	99.0	99.5	99.5
GE 500			90.7	92.5	95.1	95.4	96.1	96.9	97.0	97.7	97.7	98.2	98.6	99.0	99.5	99.5
GE 400			90.7	92.5	95.2	95.6	96.2	97.0	97.2	97.8	97.8	98.3	98.7	99.1	99.7	99.8
GE 300			90.7	92.5	95.2	95.6	96.2	97.0	97.2	97.8	97.8	98.3	98.7	99.1	99.7	99.8
GE 200			90.7	92.5	95.2	95.6	96.2	97.0	97.2	97.8	97.8	98.3	98.7	99.3	99.9	100.0
GE 100			90.7	92.5	95.2	95.6	96.2	97.0	97.2	97.8	97.8	98.3	98.7	99.3	99.9	100.0
GE 0			90.7	92.5	95.2	95.6	96.2	97.0	97.2	97.8	97.8	98.3	98.7	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES													
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000															
GE 4500															
GE 4000															
GE 3500															
GE 3000															
GE 2500															
GE 2000															
GE 1800															
GE 1500															
GE 1200															
GE 1000															
GE 900															
GE 800															
GE 700															
GE 600															
GE 500															
GE 400															
GE 300															
GE 200															
GE 100															
GE 0															

TOTAL NUMBER OF OBSERVATIONS: 979

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS/LSLT: 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GF	GE	GE	GE	GF	GE	GE	GE	SL	GE	SL	GE	GE
		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																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
.....																	
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
.....																	
GE	5000		78.0	78.9	79.3	79.4	79.7	80.0	80.0	80.3	81.3	80.3	80.4	80.5	81.1	81.4	
GE	4500		78.8	79.7	80.0	80.2	80.5	80.8	80.8	81.1	81.1	81.1	81.2	81.3	81.9	82.2	
GE	4000		82.5	83.8	84.2	84.5	84.8	85.1	85.1	85.4	85.4	85.4	85.5	85.6	86.2	86.5	
GE	3500		85.6	86.5	87.1	87.3	87.6	88.0	88.0	88.3	88.3	88.3	88.4	88.7	89.2	89.6	
GE	3000		89.5	91.0	91.8	92.1	92.4	92.7	92.7	93.1	93.1	93.1	93.2	93.4	94.0	94.3	
.....																	
GE	2500		90.6	92.4	93.2	93.4	93.8	94.1	94.1	94.4	94.4	94.4	94.6	94.8	95.4	95.7	
GE	2000		91.6	93.4	94.6	94.8	95.2	95.6	95.6	96.0	96.0	96.0	96.1	96.4	96.9	97.3	
GE	1800		91.8	93.7	94.8	95.0	95.5	95.8	95.8	96.3	96.3	96.3	96.4	96.6	97.2	97.5	
GE	1500		92.0	93.8	94.9	95.1	95.9	96.3	96.3	96.7	96.7	96.7	96.8	97.1	97.6	98.0	
GE	1200		92.4	94.2	95.4	95.6	96.4	96.7	96.7	97.2	97.2	97.2	97.3	97.5	98.1	98.4	
.....																	
GE	1000		92.5	94.3	95.5	95.7	96.5	96.9	96.9	97.4	97.4	97.4	97.6	97.8	98.4	98.8	
GE	900		92.6	94.4	95.6	95.8	96.6	97.1	97.1	97.5	97.5	97.5	97.7	98.0	98.5	98.9	
GE	800		92.6	94.4	95.6	95.8	96.6	97.1	97.1	97.5	97.5	97.5	97.7	98.0	98.5	98.9	
GE	700		92.9	94.7	95.8	96.0	96.8	97.3	97.3	97.7	97.7	97.7	98.0	98.2	98.8	99.1	
GE	600		92.9	94.7	95.8	96.0	96.8	97.3	97.3	97.7	97.7	97.7	98.0	98.2	98.8	99.1	
.....																	
GE	500		92.9	94.7	95.8	96.0	96.8	97.3	97.3	97.7	97.7	97.7	98.0	98.2	98.8	99.1	
GE	400		92.9	94.7	95.8	96.0	96.8	97.3	97.3	97.7	97.7	97.7	98.0	98.2	98.8	99.1	
GE	300		92.9	94.7	95.8	96.0	96.8	97.3	97.3	97.7	97.7	97.7	98.2	98.4	99.2	99.5	
GE	200		92.9	94.7	95.8	96.0	96.8	97.3	97.3	97.7	97.7	97.7	98.2	98.4	99.2	99.5	
GE	100		92.9	94.7	95.8	96.0	96.8	97.3	97.3	97.7	97.7	97.7	98.2	98.4	99.2	100.0	
.....																	
GE	0		92.9	94.7	95.8	96.0	96.8	97.3	97.3	97.7	97.7	97.7	98.2	98.4	99.2	100.0	
.....																	

TOTAL NUMBER OF OBSERVATIONS: 582

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		77.9	78.5	79.0	79.3	80.0	80.1	80.1	80.2	80.4	80.4	80.4	80.9	80.7	81.6	81.7
GE	4500		79.0	79.5	80.0	80.3	81.1	81.2	81.2	81.5	81.6	81.6	81.6	82.0	82.0	82.7	82.8
GE	4000		83.2	84.2	84.6	85.1	85.9	86.0	86.0	86.5	86.6	86.6	86.6	87.0	87.0	87.7	87.8
GE	3500		85.6	86.7	87.1	87.6	88.4	88.5	88.5	89.0	89.1	89.1	89.1	89.5	89.5	90.2	90.3
GE	3000		89.1	90.2	90.9	91.4	92.2	92.3	92.3	92.7	92.8	92.8	92.8	93.3	93.3	94.0	94.1
GE	2500		89.8	91.0	91.7	92.2	92.9	93.1	93.1	93.5	93.6	93.6	93.6	94.1	94.1	94.8	94.9
GE	2000		90.8	92.0	92.9	93.4	94.5	95.0	95.0	95.7	95.8	95.8	95.8	96.2	96.2	96.9	97.0
GE	1800		91.1	92.4	93.3	93.7	94.9	95.3	95.3	96.0	96.1	96.1	96.1	96.6	96.6	97.3	97.4
GE	1500		91.1	92.4	93.3	93.7	94.9	95.3	95.3	96.0	96.1	96.1	96.1	96.6	96.6	97.3	97.4
GE	1200		91.4	92.6	93.5	94.0	95.1	95.6	95.6	96.2	96.4	96.4	96.4	96.8	96.8	97.5	97.6
GE	1000		91.6	92.8	93.7	94.2	95.4	95.9	95.9	96.8	96.9	96.9	96.9	97.6	97.6	98.3	98.4
GE	900		91.8	93.1	94.0	94.4	95.7	96.1	96.1	97.0	97.2	97.2	97.2	97.8	97.8	98.5	98.6
GE	800		91.8	93.1	94.0	94.4	95.9	96.4	96.4	97.3	97.4	97.4	97.4	98.1	98.1	98.7	98.9
GE	700		91.6	93.1	94.0	94.4	95.9	96.4	96.4	97.3	97.4	97.4	97.4	98.1	98.1	98.7	98.9
GE	600		91.8	93.1	94.0	94.4	95.9	96.4	96.4	97.3	97.4	97.4	97.4	98.1	98.1	98.7	98.9
GE	500		91.8	93.1	94.0	94.4	95.9	96.4	96.4	97.3	97.4	97.4	97.4	98.1	98.1	98.7	98.9
GE	400		91.8	93.2	94.1	94.5	96.0	96.5	96.5	97.4	97.5	97.5	97.5	98.2	98.2	99.0	99.1
GE	300		91.8	93.2	94.1	94.5	96.0	96.5	96.5	97.4	97.5	97.5	97.5	98.3	98.3	99.1	99.2
GE	200		91.8	93.2	94.1	94.5	96.0	96.5	96.5	97.4	97.5	97.5	97.5	98.4	98.4	99.2	99.3
GE	100		91.8	93.2	94.1	94.5	96.0	96.5	96.5	97.4	97.5	97.5	97.5	98.4	98.4	99.2	99.3
GE	0		91.8	93.2	94.1	94.5	96.0	96.5	96.5	97.4	97.5	97.5	97.5	98.4	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL																
GE	20000															
GE	18000															
GE	16000															
GE	14000															
GE	12000															
GE	10000															
GE	9000															
GE	8000															
GE	7000															
GE	6000															
GE	5000		78.1	79.1	79.7	79.9	80.2	80.4	80.4	80.6	80.6	80.7	80.9	81.0	81.6	81.8
GE	4500		79.5	80.5	81.1	81.4	81.6	81.9	81.9	82.1	82.1	82.2	82.4	82.5	83.0	83.2
GE	4000		82.9	84.2	85.0	85.3	85.6	85.8	85.9	86.1	86.1	86.2	86.5	86.6	87.1	87.3
GE	3500		85.6	87.1	88.0	88.3	88.6	88.9	88.9	89.1	89.1	89.2	89.5	89.6	90.2	90.4
GE	3000		88.1	89.7	90.8	91.1	91.4	91.7	91.7	92.0	92.0	92.1	92.4	92.6	93.1	93.3
GE	2500		89.6	90.7	91.9	92.2	92.5	92.9	92.9	93.1	93.2	93.3	93.6	93.7	94.2	94.4
GE	2000		90.2	91.9	93.3	93.7	94.2	94.6	94.6	94.9	95.0	95.1	95.4	95.5	96.1	96.3
GE	1800		90.7	92.4	93.8	94.3	94.8	95.2	95.2	95.5	95.6	95.7	96.0	96.1	96.7	96.9
GE	1500		91.2	93.1	94.6	95.1	95.7	96.1	96.2	96.5	96.5	96.6	97.0	97.1	97.7	97.9
GE	1200		91.5	93.4	94.9	95.4	96.1	96.5	96.5	96.8	96.9	97.0	97.3	97.5	98.1	98.3
GE	1000		91.7	93.5	95.1	95.6	96.3	96.8	96.8	97.3	97.4	97.5	97.9	98.0	98.7	98.9
GE	900		91.7	93.6	95.1	95.6	96.4	96.9	96.9	97.4	97.4	97.5	98.0	98.1	98.7	98.9
GE	800		91.7	93.6	95.2	95.7	96.5	97.0	97.0	97.5	97.6	97.7	98.1	98.3	98.9	99.1
GE	700		91.8	93.6	95.2	95.7	96.5	97.0	97.1	97.6	97.6	97.7	98.2	98.3	98.9	99.1
GE	600		91.8	93.6	95.2	95.7	96.5	97.0	97.1	97.6	97.6	97.7	98.2	98.3	98.9	99.1
GE	500		91.8	93.6	95.2	95.7	96.5	97.0	97.1	97.6	97.6	97.7	98.2	98.3	98.9	99.1
GE	400		91.8	93.7	95.3	95.7	96.5	97.1	97.1	97.6	97.7	97.8	98.3	98.4	99.0	99.2
GE	300		91.8	93.7	95.3	95.7	96.5	97.1	97.1	97.6	97.7	97.8	98.3	98.5	99.1	99.4
GE	200		91.8	93.7	95.3	95.7	96.6	97.1	97.1	97.6	97.7	97.8	98.4	98.5	99.2	99.5
GE	100		91.8	93.7	95.3	95.7	96.6	97.1	97.1	97.6	97.7	97.8	98.4	98.6	99.3	99.9
GE	0		91.8	93.7	95.3	95.8	96.6	97.1	97.1	97.7	97.7	97.8	98.4	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 6990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000																
GE	4500																
GE	4000																
GE	3500																
GE	3000																
GE	2500																
GE	2000																
GE	1800																
GE	1600																
GE	1400																
GE	1200																
GE	1000																
GE	900																
GE	800																
GE	700																
GE	600																
GE	500																
GE	400																
GE	300																
GE	200																
GE	100																
GE	0																

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-84
MONTH: DEC HOURS/STATION: 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	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																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000			85.6	86.5	88.1	88.1	88.5	88.6	88.6	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	
GE 4500			87.5	88.4	90.0	90.0	90.4	90.5	90.5	90.7	91.0	91.2	91.2	91.2	91.3	91.3	91.4	
GE 4000			88.7	89.6	91.3	91.3	91.6	91.7	91.7	91.9	92.5	92.6	92.6	92.7	92.7	92.7	92.8	
GE 3500			90.1	91.3	92.9	92.9	93.3	93.4	93.4	93.6	94.2	94.3	94.3	94.4	94.4	94.4	94.5	
GE 3000			90.1	91.3	92.9	92.9	93.3	93.4	93.4	93.6	94.2	94.3	94.3	94.4	94.4	94.4	94.5	
GE 2500			90.1	91.3	92.9	92.9	93.3	93.4	93.4	93.6	94.2	94.3	94.3	94.4	94.4	94.4	94.5	
GE 2000			91.3	92.5	94.4	94.4	94.7	94.8	94.8	95.1	95.6	95.7	95.7	95.9	95.9	95.9	96.0	
GE 1800			91.4	92.6	94.5	94.5	94.8	95.0	95.0	95.2	95.7	95.9	95.9	96.0	96.0	96.0	96.1	
GE 1500			91.6	92.8	94.7	94.7	95.4	95.5	95.5	95.7	96.3	96.4	96.4	96.5	96.5	96.5	96.8	
GE 1200			92.2	93.4	95.3	95.3	96.0	96.1	96.1	96.3	96.9	97.0	97.0	97.1	97.1	97.1	97.3	
GE 1000			92.2	93.4	95.3	95.3	96.0	96.1	96.1	96.4	97.0	97.1	97.1	97.1	97.2	97.2	97.4	
GE 900			92.2	93.4	95.3	95.3	96.0	96.1	96.1	96.4	97.0	97.1	97.1	97.1	97.2	97.2	97.4	
GE 800			92.6	93.8	95.7	95.7	96.4	96.5	96.5	96.9	97.4	97.5	97.5	97.6	97.6	97.6	97.9	
GE 700			92.6	93.8	95.7	95.7	96.4	96.5	96.5	96.9	97.4	97.5	97.5	97.6	97.6	97.6	97.9	
GE 600			92.6	93.8	95.7	95.7	96.4	96.5	96.5	96.9	97.5	97.6	97.6	97.6	97.8	97.8	98.1	
GE 500			92.6	93.8	95.7	95.7	96.4	96.9	97.1	97.1	97.4	98.1	98.2	98.4	98.5	98.5	99.0	
GE 400			92.6	93.8	95.7	95.7	96.4	96.9	97.1	97.1	97.4	98.1	98.2	98.4	98.5	98.5	99.1	
GE 300			92.6	93.8	95.7	95.7	96.4	96.9	97.1	97.1	97.4	98.1	98.2	98.4	98.5	98.7	99.2	
GE 200			92.6	93.8	95.7	95.7	96.4	96.9	97.1	97.1	97.4	98.1	98.2	98.8	98.9	99.0	99.6	
GE 100			92.6	93.8	95.7	95.7	96.4	96.9	97.1	97.1	97.4	98.1	98.2	98.8	98.9	99.1	99.7	
GE 0			92.6	93.8	95.7	95.7	96.4	96.9	97.1	97.1	97.4	98.1	98.2	98.9	99.0	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			64.4	85.8	87.2	87.3	87.7	87.7	87.7	88.1	88.2	88.2	88.8	89.0	89.1	89.1	
GE 4500			86.9	98.2	89.7	89.8	90.1	90.1	90.1	90.6	90.7	90.7	91.3	91.5	91.6	91.6	
GE 4000			88.2	89.6	91.5	91.6	91.9	91.9	91.9	92.4	92.5	92.5	93.1	93.3	93.4	93.5	
GE 3500			89.0	90.6	92.7	92.9	93.3	93.3	93.3	93.7	93.8	93.8	94.4	94.6	94.7	94.8	
GE 3000			89.6	91.3	93.5	93.7	94.1	94.1	94.1	94.5	94.6	94.6	95.2	95.4	95.5	95.6	
GE 2500			90.6	91.7	94.0	94.2	94.5	94.5	94.5	95.0	95.1	95.1	95.6	95.9	96.0	96.1	
GE 2000			90.8	92.5	94.7	95.0	95.3	95.3	95.3	95.7	96.0	96.0	96.5	96.8	96.9	97.0	
GE 1800			90.9	92.6	94.9	95.1	95.4	95.4	95.4	95.9	96.1	96.1	96.6	96.9	97.0	97.1	
GE 1500			91.2	92.8	95.1	95.3	95.9	95.9	95.9	96.3	96.5	96.5	97.1	97.3	97.4	97.5	
GE 1200			91.6	93.5	95.7	96.0	96.5	96.5	96.5	97.0	97.2	97.2	97.8	98.0	98.1	98.2	
GE 1000			91.8	93.5	95.7	96.0	96.5	96.5	96.5	97.1	97.3	97.3	97.9	98.1	98.2	98.3	
GE 900			91.9	93.6	95.9	96.1	96.6	96.6	96.6	97.2	97.4	97.4	98.0	98.2	98.3	98.4	
GE 800			91.9	93.6	95.9	96.1	96.6	96.6	96.6	97.2	97.4	97.4	98.0	98.2	98.3	98.4	
GE 700			91.9	93.6	95.9	96.1	96.6	96.6	96.6	97.2	97.4	97.4	98.0	98.2	98.3	98.4	
GE 600			91.9	93.6	95.9	96.1	96.6	96.6	96.6	97.2	97.4	97.4	98.0	98.2	98.3	98.4	
GE 500			91.9	93.6	96.0	96.3	96.9	96.9	96.9	97.4	97.6	97.6	98.4	98.7	98.8	98.9	
GE 400			91.9	93.6	96.1	96.3	97.0	97.0	97.0	97.5	97.8	97.8	98.7	98.9	99.0	99.1	
GE 300			91.9	93.6	96.1	96.3	97.1	97.1	97.1	97.6	97.9	97.9	98.8	99.0	99.2	99.6	
GE 200			91.9	93.6	96.1	96.3	97.1	97.1	97.1	97.6	97.9	97.9	98.8	99.0	99.2	99.7	
GE 100			91.9	93.6	96.1	96.3	97.1	97.1	97.1	97.6	97.9	97.9	98.9	99.1	99.3	100.0	
GE 0			91.9	93.6	96.1	96.3	97.1	97.1	97.1	97.6	97.9	97.9	98.9	99.1	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			83.0	83.6	84.7	84.7	85.0	85.6	85.6	85.6	85.6	85.6	85.9	85.9	86.2	86.2
GE 4500			85.0	85.7	87.0	87.0	87.3	87.9	87.9	87.9	88.0	88.0	88.4	88.4	89.6	89.6
GE 4000			87.3	88.1	89.5	89.6	90.1	90.7	90.7	90.7	90.8	90.8	91.1	91.1	91.3	91.3
GE 3500			87.9	88.9	90.4	90.5	91.0	91.6	91.6	91.7	91.8	91.8	92.2	92.2	92.4	92.4
GE 3000			88.9	90.2	91.7	91.8	92.3	92.8	92.8	93.0	93.1	93.1	93.4	93.4	93.7	93.7
GE 2500			89.6	90.9	92.4	92.5	93.0	93.5	93.5	93.7	93.8	93.8	94.1	94.1	94.3	94.3
GE 2000			90.0	91.3	92.8	93.0	93.4	94.0	94.0	94.1	94.2	94.2	94.6	94.6	94.8	94.8
GE 1800			90.1	91.5	93.0	93.1	93.5	94.1	94.1	94.2	94.3	94.3	94.7	94.7	94.9	94.9
GE 1500			90.8	92.2	93.7	93.8	94.5	95.2	95.2	95.4	95.5	95.5	95.8	95.8	96.1	96.1
GE 1200			91.5	92.8	94.3	94.5	95.2	96.2	96.2	96.4	96.5	96.5	96.9	96.9	97.1	97.1
GE 1000			92.0	93.4	94.9	95.0	95.7	96.8	96.8	97.1	97.2	97.2	97.6	97.6	97.8	97.8
GE 900			92.0	93.4	94.9	95.0	95.7	96.8	96.8	97.1	97.2	97.2	97.6	97.6	97.8	98.2
GE 800			92.3	93.7	95.2	95.3	96.0	97.0	97.0	97.3	97.5	97.5	97.9	97.9	98.2	98.5
GE 700			92.3	93.7	95.2	95.3	96.0	97.1	97.1	97.5	97.6	97.6	98.0	98.0	98.3	98.6
GE 600			92.5	93.9	95.4	95.5	96.2	97.3	97.3	97.7	97.8	97.8	98.3	98.3	98.5	98.8
GE 500			92.6	94.0	95.6	95.7	96.4	97.6	97.6	97.9	98.0	98.0	98.5	98.5	98.7	99.1
GE 400			92.6	94.0	95.7	95.8	96.5	97.7	97.7	98.0	98.2	98.2	98.6	98.6	98.8	99.2
GE 300			92.6	94.0	95.7	95.8	96.5	97.7	97.7	98.2	98.3	98.3	98.7	98.7	99.0	99.3
GE 200			92.6	94.0	95.7	95.8	96.5	97.7	97.7	98.3	98.4	98.4	98.8	98.8	99.1	99.5
GE 100			92.6	94.0	95.7	95.8	96.5	97.7	97.7	98.3	98.4	98.4	98.8	98.8	99.1	99.5
GE 0			92.6	94.0	95.7	95.8	96.5	97.7	97.7	98.3	98.4	98.4	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			84.0	84.7	85.5	86.2	86.5	86.5	86.5	86.6	86.6	86.7	86.8	86.8	87.1	87.5
GE 4500			85.6	86.5	87.5	88.2	88.6	88.6	88.6	88.7	88.7	88.8	88.9	88.9	89.1	89.4
GE 4000			88.3	89.2	90.5	91.2	91.5	91.6	91.6	91.8	91.8	91.9	92.0	92.0	92.2	92.4
GE 3500			89.2	90.2	91.5	92.2	92.6	92.7	92.7	92.8	92.8	92.9	93.0	93.0	93.2	93.5
GE 3000			90.6	91.8	93.1	93.8	94.2	94.3	94.3	94.4	94.4	94.5	94.6	94.6	94.9	95.1
GE 2500			90.6	91.8	93.1	93.8	94.2	94.3	94.3	94.4	94.4	94.5	94.6	94.6	94.9	95.1
GE 2000			91.1	92.3	93.7	94.4	94.7	94.9	94.9	95.0	95.0	95.1	95.2	95.2	95.4	95.7
GE 1800			91.5	92.8	94.2	94.9	95.2	95.3	95.3	95.4	95.4	95.5	95.7	95.7	95.9	96.1
GE 1500			92.1	93.4	94.9	95.5	95.9	96.0	96.0	96.1	96.1	96.2	96.3	96.3	96.6	96.8
GE 1200			92.2	93.5	95.0	95.7	96.0	96.1	96.1	96.2	96.2	96.3	96.6	96.6	96.8	97.0
GE 1000			92.4	93.7	95.2	95.9	96.2	96.3	96.3	96.5	96.5	96.6	96.8	96.8	97.0	97.3
GE 900			92.4	93.7	95.2	95.9	96.2	96.3	96.3	96.6	96.7	96.8	97.0	97.0	97.3	97.5
GE 800			92.9	94.2	95.8	96.5	96.8	96.9	96.9	97.1	97.3	97.4	97.7	97.7	97.9	98.2
GE 700			93.0	94.3	95.9	96.6	96.9	97.0	97.0	97.3	97.4	97.5	97.8	97.8	98.1	98.4
GE 600			93.1	94.4	96.0	96.7	97.0	97.1	97.1	97.4	97.5	97.6	97.9	97.9	98.2	98.4
GE 500			93.2	94.5	96.2	97.1	97.5	97.6	97.6	97.8	97.9	98.1	98.4	98.4	98.6	98.9
GE 400			93.4	94.6	96.3	97.3	97.6	97.8	97.8	98.1	98.2	98.3	98.6	98.6	98.9	99.1
GE 300			93.4	94.6	96.3	97.3	97.6	97.9	97.9	98.3	98.4	98.5	98.9	98.9	99.1	99.3
GE 200			93.4	94.6	96.3	97.3	97.6	97.9	97.9	98.3	98.4	98.5	98.9	98.9	99.1	99.4
GE 100			93.4	94.6	96.3	97.3	97.6	97.9	97.9	98.3	98.4	98.5	98.9	98.9	99.2	99.7
GE 0			93.4	94.6	96.3	97.3	97.6	97.9	97.9	98.3	98.4	98.5	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			83.5	84.0	84.6	85.0	85.5	85.5	85.6	86.1	86.1	86.1	86.1	86.3	86.3
GE 4500			84.8	85.4	85.9	86.7	87.2	87.2	87.3	87.8	87.8	87.8	87.8	87.9	87.9
GE 4000			88.2	88.8	89.5	90.3	90.8	90.8	90.9	91.5	91.5	91.5	91.5	91.6	91.6
GE 3500			89.7	90.4	91.1	91.8	92.4	92.4	92.5	93.1	93.1	93.1	93.1	93.2	93.2
GE 3000			90.6	91.5	92.3	93.1	93.6	93.6	93.7	94.3	94.3	94.3	94.3	94.4	94.4
GE 2500			91.3	92.3	93.1	93.9	94.4	94.4	94.5	95.1	95.1	95.1	95.1	95.2	95.2
GE 2000			92.0	93.0	93.7	94.5	95.1	95.1	95.2	95.8	95.8	95.8	95.8	95.9	95.9
GE 1800			92.2	93.2	94.1	94.9	95.4	95.4	95.5	96.1	96.1	96.1	96.1	96.2	96.2
GE 1500			92.7	93.7	94.6	95.4	96.4	96.4	96.5	97.1	97.1	97.1	97.1	97.2	97.2
GE 1200			92.7	93.7	94.6	95.4	96.4	96.4	96.5	97.1	97.1	97.1	97.1	97.2	97.2
GE 1000			92.8	94.0	95.0	95.8	96.8	96.8	97.0	97.5	97.5	97.5	97.5	97.7	97.7
GE 900			92.8	94.0	95.0	95.8	97.0	97.0	97.2	97.8	97.8	97.8	97.8	97.9	97.9
GE 800			93.1	94.1	95.1	95.9	97.1	97.1	97.3	97.9	97.9	97.9	98.0	98.1	98.1
GE 700			93.1	94.1	95.1	95.9	97.1	97.1	97.3	97.9	97.9	97.9	98.0	98.1	98.1
GE 600			93.1	94.1	95.1	95.9	97.3	97.3	97.5	98.1	98.1	98.1	98.2	98.3	98.3
GE 500			93.1	94.1	95.1	96.0	97.4	97.4	97.7	98.2	98.2	98.2	98.3	98.4	98.4
GE 400			93.3	94.4	95.4	96.3	97.8	97.8	98.0	98.5	98.5	98.5	98.7	98.8	98.8
GE 300			93.4	94.5	95.5	96.4	97.9	97.9	98.1	98.7	98.7	98.7	98.8	98.9	98.9
GE 200			93.5	94.7	95.8	96.6	98.2	98.2	98.4	99.0	99.0	99.0	99.2	99.3	99.3
GE 100			93.5	94.7	95.8	96.6	98.2	98.2	98.4	99.0	99.0	99.0	99.2	99.3	99.3
GE 0			93.5	94.7	95.8	96.6	98.2	98.2	98.4	99.0	99.0	99.0	99.2	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: DEC 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																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			83.5	84.3	85.2	85.2	85.9	86.4	86.4	86.8	86.9	86.9	87.7	87.7	87.7	87.7	
GE 4500			84.6	85.5	86.5	86.5	87.2	87.7	87.7	88.1	88.2	88.2	89.0	89.0	89.0	89.2	
GE 4000			85.8	86.7	87.7	87.7	88.5	89.0	89.0	89.4	89.5	89.5	90.3	90.3	90.3	90.5	
GE 3500			87.0	87.9	88.9	88.9	89.7	90.3	90.3	90.7	90.8	90.8	91.6	91.6	91.6	91.8	
GE 3000			87.4	88.3	89.6	89.6	90.5	91.0	91.0	91.5	91.6	91.6	92.4	92.4	92.4	92.7	
GE 2500			87.7	88.5	90.0	90.0	90.8	91.4	91.4	91.8	91.9	91.9	92.7	92.8	92.8	93.1	
GE 2000			88.9	90.0	91.4	91.4	92.2	92.8	92.8	93.2	93.3	93.3	94.1	94.2	94.2	94.5	
GE 1800			88.9	90.1	91.5	91.5	92.4	92.9	92.9	93.3	93.4	93.4	94.2	94.3	94.3	94.7	
GE 1500			89.1	90.6	92.0	92.0	92.9	93.6	93.6	94.0	94.1	94.1	94.9	95.0	95.0	95.4	
GE 1200			89.3	90.8	92.2	92.2	93.1	93.8	93.8	94.2	94.3	94.3	95.1	95.2	95.2	95.6	
GE 1000			89.5	91.2	92.6	92.6	93.4	94.1	94.1	94.5	94.7	94.7	95.5	95.6	95.6	96.1	
GE 900			89.5	91.2	92.6	92.6	93.4	94.1	94.1	94.5	94.7	94.7	95.5	95.6	95.6	96.1	
GE 800			90.0	91.6	93.0	93.0	93.9	94.5	94.5	95.0	95.1	95.1	96.1	96.2	96.2	96.6	
GE 700			90.1	91.7	93.1	93.1	94.0	94.7	94.7	95.1	95.2	95.2	96.2	96.3	96.3	96.7	
GE 600			90.1	91.7	93.1	93.1	94.0	94.7	94.7	95.1	95.2	95.2	96.2	96.3	96.3	96.7	
GE 500			90.3	91.9	93.4	93.4	94.3	95.2	95.5	96.0	96.1	96.1	97.1	97.2	97.2	97.6	
GE 400			90.6	92.2	93.8	93.8	94.7	95.5	95.9	96.3	96.4	96.4	97.4	97.5	97.5	97.9	
GE 300			90.8	92.6	94.2	94.2	95.1	96.1	96.4	97.2	97.3	97.3	98.3	98.4	98.6	99.0	
GE 200			90.8	92.6	94.2	94.2	95.1	96.1	96.4	97.2	97.4	97.4	98.4	98.5	98.7	99.2	
GE 100			90.8	92.6	94.2	94.2	95.1	96.1	96.4	97.2	97.4	97.4	98.4	98.5	98.7	99.6	
GE 0			90.8	92.6	94.2	94.2	95.1	96.1	96.4	97.2	97.4	97.4	98.4	98.5	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			84.2	85.0	85.9	86.1	86.5	86.6	86.6	86.9	87.0	87.1	87.4	87.4	87.5	87.6	
GE 4500			85.7	86.6	87.6	87.9	88.3	88.4	88.4	88.7	88.8	88.9	89.2	89.3	89.3	89.4	
GE 4000			87.6	88.6	89.8	90.0	90.5	90.6	90.7	91.0	91.1	91.1	91.5	91.5	91.6	91.7	
GE 3500			88.8	89.8	91.1	91.3	91.8	92.0	92.0	92.4	92.5	92.5	92.8	92.9	93.0	93.1	
GE 3000			89.4	90.6	91.9	92.2	92.7	92.9	92.9	93.2	93.3	93.4	93.7	93.8	93.8	94.0	
GE 2500			89.8	91.0	92.4	92.7	93.1	93.3	93.3	93.7	93.8	93.8	94.1	94.2	94.3	94.4	
GE 2000			90.7	92.0	93.4	93.7	94.2	94.3	94.4	94.7	94.8	94.9	95.2	95.3	95.4	95.5	
GE 1800			90.9	92.2	93.6	93.9	94.4	94.5	94.6	94.9	95.0	95.1	95.4	95.5	95.6	95.7	
GE 1500			91.3	92.6	94.1	94.4	95.0	95.2	95.3	95.6	95.8	95.8	96.1	96.2	96.3	96.5	
GE 1200			91.6	93.0	94.4	94.7	95.4	95.6	95.7	96.0	96.2	96.2	96.5	96.6	96.7	96.9	
GE 1000			91.6	93.3	94.7	95.0	95.7	95.9	96.0	96.4	96.5	96.6	96.9	97.0	97.1	97.3	
GE 900			91.8	93.3	94.8	95.0	95.7	96.0	96.1	96.5	96.6	96.6	97.0	97.1	97.2	97.5	
GE 800			92.1	93.5	95.0	95.3	96.0	96.3	96.3	96.7	96.9	96.9	97.3	97.4	97.5	97.8	
GE 700			92.1	93.6	95.1	95.3	96.0	96.3	96.4	96.8	96.9	96.9	97.4	97.5	97.5	97.8	
GE 600			92.1	93.6	95.1	95.4	96.1	96.4	96.4	96.8	97.0	97.0	97.5	97.6	97.6	97.9	
GE 500			92.2	93.7	95.2	95.5	96.4	96.7	96.8	97.2	97.4	97.4	97.9	98.0	98.1	98.4	
GE 400			92.3	93.8	95.4	95.7	96.6	96.9	97.0	97.5	97.6	97.7	98.2	98.3	98.4	98.7	
GE 300			92.4	93.9	95.5	95.9	96.7	97.1	97.2	97.7	97.9	97.9	98.5	98.6	98.7	99.1	
GE 200			92.5	94.0	95.6	95.9	96.8	97.2	97.3	97.8	98.0	98.0	98.7	98.8	99.0	99.4	
GE 100			92.5	94.0	95.6	95.9	96.8	97.2	97.3	97.8	98.0	98.0	98.7	98.8	99.1	99.7	
GE 0			92.5	94.0	95.6	95.9	96.8	97.2	97.3	97.8	98.0	98.1	98.7	98.9	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7179

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000																		
GE 4500																		
GE 4000																		
GE 3500																		
GE 3000																		
GE 2500																		
GE 2000																		
GE 1800																		
GE 1500																		
GE 1200																		
GE 1000																		
GE 900																		
GE 800																		
GE 700																		
GE 600																		
GE 500																		
GE 400																		
GE 300																		
GE 200																		
GE 100																		
GE 0																		

TOTAL NUMBER OF OBSERVATIONS: 85723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02	41.0	9.1		9.1	3.5	1.9	4.1		3.5	4.7	23.0	3.9
03-05	40.8	7.1		7.1	4.5	4.8	2.6		3.9	4.5	24.8	4.0
06-08	40.4	11.6		4.1	4.1	3.1	3.1		5.6	6.0	21.9	3.9
09-11	27.7	17.2		6.9	5.9	5.0	2.3		5.6	6.3	23.1	4.3
12-14	19.1	18.2		8.3	6.9	5.0	3.3		5.3	11.2	22.8	4.9
15-17	27.4	16.4		5.4	6.4	5.0	3.3		3.0	6.7	26.4	4.5
18-20	34.4	10.5		6.6	3.9	4.3	2.6		6.2	5.6	25.9	4.4
21-23	35.3	8.1		8.1	5.5	1.9	3.2		6.8	3.9	27.2	4.4
TOTALS	33.3	12.3		7.0	5.1	3.9	3.1		5.0	6.1	24.4	4.3

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02	40.6	8.6		6.8	5.8	5.0	4.0		2.9	4.3	21.9	3.8
03-05	38.2	7.3		11.5	4.2	4.9	4.9		4.2	3.5	21.5	3.9
06-08	28.2	12.9		7.5	7.8	2.0	3.4		9.5	7.1	21.4	4.5
09-11	24.4	15.9		8.1	4.4	3.3	2.6		7.0	15.6	18.5	4.7
12-14	26.1	15.4		7.5	8.6	1.8	5.0		6.1	11.4	18.2	4.4
15-17	27.2	17.7		7.1	5.7	3.2	6.4		5.3	8.1	19.4	4.3
18-20	33.6	13.5		5.9	6.9	6.2	3.1		4.2	5.5	21.1	4.0
21-23	39.8	7.1		6.3	4.5	4.5	2.6		4.8	5.9	24.5	4.2
TOTALS	32.3	12.3		7.6	6.0	3.9	4.0		5.5	7.7	20.8	4.2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	17.7	10.2		6.2	5.9	4.6	3.3		5.6	6.2	20.3	4.3	305
03-05	30.0	11.5		5.8	4.8	3.2	6.7		6.4	9.6	22.0	4.6	313
06-08	22.2	13.5		7.5	4.2	5.7	4.8		7.5	13.5	21.0	5.0	333
09-11	26.5	11.9		6.1	6.5	2.9	5.5		5.2	14.2	21.3	4.9	310
12-14	26.0	12.2		4.8	5.8	6.8	1.6		8.0	14.8	19.9	4.9	311
15-17	24.8	13.1		7.5	7.5	3.6	4.2		6.5	16.7	16.0	4.7	306
18-20	24.9	16.0		7.7	8.0	4.2	3.5		4.2	10.5	21.1	4.5	313
21-23	29.2	13.2		7.8	5.8	7.1	2.4		4.1	8.1	22.4	4.4	295
TOTALS	27.7	12.7		6.7	6.1	4.8	4.0		5.9	11.7	20.5	4.6	2486

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	26.3	14.3		6.1	3.8	2.4	3.8		5.5	12.3	25.6	4.9	293
03-05	25.7	12.0		6.2	5.1	1.4	4.1		5.8	13.7	26.0	5.1	292
06-08	25.6	14.1		4.5	4.5	4.2	4.5		6.4	18.3	17.9	4.9	312
09-11	28.5	12.8		5.3	4.6	3.2	3.6		6.8	14.9	20.3	4.8	281
12-14	26.5	12.7		5.5	4.1	4.1	5.2		7.9	10.7	23.4	4.9	291
15-17	28.8	10.4		5.2	4.5	4.2	5.9		8.0	11.1	21.9	4.8	288
18-20	25.2	13.7		7.2	5.6	5.2	5.2		7.2	12.4	18.3	4.7	306
21-23	25.4	15.3		4.5	6.3	5.6	3.1		5.6	8.0	26.1	4.8	287
TOTALS	26.5	13.2		5.6	4.8	3.8	4.4		6.7	12.7	22.4	4.9	2350

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02 I	20.1	13.8		4.6	5.6	4.9	3.9		8.9	15.1	23.0	5.4	304
03-05 I	23.7	13.5		4.9	4.6	3.0	3.3		9.2	17.8	20.1	5.2	304
06-08 I	21.6	15.0		4.5	5.7	3.3	4.2		7.8	17.1	20.7	5.2	333
09-11 I	23.1	13.3		4.9	6.2	4.5	6.5		8.4	16.9	16.2	5.0	308
12-14 I	21.4	11.4		4.5	6.5	4.9	6.2		7.1	20.1	17.9	5.3	307
15-17 I	19.4	17.4		5.4	6.4	3.3	2.7		6.7	17.7	21.1	5.2	249
18-20 I	20.6	15.0		5.3	3.4	3.4	5.0		6.9	20.6	19.7	5.3	320
21-23 I	19.4	15.7		5.4	6.0	5.4	5.0		6.0	12.7	24.4	5.2	299
TOTALS I	21.2	14.4		4.9	5.6	4.1	4.6		7.6	17.3	20.4	5.2	2475

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02 I	12.0	11.0		4.7	6.0	5.0	4.0		7.7	20.3	29.3	6.4	300
03-05 I	14.5	7.6		3.6	6.3	4.6	3.3		6.3	21.7	32.2	6.5	304
06-08 I	17.1	6.0		5.1	4.1	4.1	3.2		8.2	20.9	31.3	6.4	316
09-11 I	13.7	13.0		5.0	6.0	3.7	5.0		5.3	22.0	26.3	6.0	300
12-14 I	9.7	14.1		5.7	6.4	5.7	4.7		7.7	20.5	25.5	6.1	298
15-17 I	10.7	15.4		6.7	3.7	5.7	3.0		4.7	25.5	24.5	6.1	298
18-20 I	12.8	11.2		7.9	5.5	2.4	5.2		7.9	17.9	29.2	6.2	320
21-23 I	12.2	9.9		6.3	5.9	4.0	4.3		7.6	18.5	29.4	6.2	303
TOTALS I	12.8	11.0		5.9	5.5	4.4	4.1		6.9	20.9	28.5	6.2	2448

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	12.6	8.9		5.2	3.7	2.8	4.6		8.3	26.4	27.6	6.6	326
03-05	9.9	11.0		3.4	3.7	4.2	6.5		5.2	25.8	27.2	6.7	353
06-08	12.1	9.2		4.0	6.7	3.5	5.9		7.3	25.1	26.1	6.5	371
09-11	12.5	10.7		4.1	5.0	4.4	6.6		7.8	26.6	22.3	6.3	319
12-14	11.5	11.5		2.9	8.6	1.6	4.8		10.5	25.6	23.0	6.4	313
15-17	8.9	14.1		6.2	5.9	3.6	5.2		10.5	23.0	22.6	6.2	305
18-20	9.1	12.2		7.8	6.6	4.7	4.1		9.4	20.7	25.4	6.3	319
21-23	9.2	12.8		5.3	3.9	2.3	5.3		7.9	26.0	27.3	6.5	304
TOTALS	10.7	11.3		4.9	5.5	3.4	5.4		8.7	24.9	25.2	6.5	2610

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	7.2	6.5		4.6	4.2	3.9	2.6		5.2	20.9	44.8	7.5	306
03-05	7.2	8.8		3.4	4.1	4.1	5.3		5.9	20.3	40.9	7.3	320
06-08	6.2	8.0		3.5	6.5	2.9	3.8		8.3	25.1	35.7	7.3	339
09-11	8.1	9.7		5.2	3.5	4.2	1.6		9.0	25.8	32.9	7.0	310
12-14	5.6	7.0		6.3	4.6	2.3	4.3		11.3	26.8	20.6	7.2	302
15-17	4.2	11.3		4.2	4.2	4.2	3.2		7.7	30.9	30.2	7.2	311
18-20	4.9	9.8		4.3	2.5	4.0	6.1		7.7	29.8	31.0	7.3	326
21-23	6.2	6.2		2.9	5.2	4.2	2.2		6.5	28.2	37.7	7.6	308
TOTALS	6.3	8.4		4.3	4.4	3.7	3.7		7.7	26.0	35.5	7.3	2522

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02 I	16.7	19.2		2.8	4.3	6.8	5.0		6.0	12.8	26.3	5.4	281
03-05 I	15.2	18.1		5.0	5.0	2.8	3.9		4.6	16.7	28.7	5.6	282
06-08 I	12.6	15.7		7.5	4.4	3.8	2.8		6.2	23.6	21.4	5.8	318
09-11 I	12.3	17.5		6.2	4.1	2.7	2.4		8.6	20.2	26.0	5.9	292
12-14 I	12.2	17.3		5.1	5.1	5.1	2.7		6.4	23.7	22.4	5.8	295
15-17 I	13.7	16.4		6.5	3.1	2.7	5.1		7.5	22.3	22.6	5.8	292
18-20 I	13.4	16.9		3.3	4.6	4.6	3.9		9.1	18.6	25.7	5.9	307
21-23 I	17.4	15.4		3.4	4.1	3.4	5.5		8.2	12.3	30.4	5.7	293
TOTALS I	14.2	17.1		5.0	4.3	4.0	3.9		7.3	18.8	25.4	5.7	2360

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02 I	26.4	7.9		7.3	3.6	2.0	3.3		5.3	8.6	35.6	5.5	303
03-05 I	25.9	7.5		6.1	3.7	6.1	2.4		5.8	11.2	31.3	5.5	294
06-08 I	17.6	9.1		6.8	5.5	2.3	5.5		6.5	18.2	28.3	6.0	307
09-11 I	14.5	8.6		8.6	4.9	3.3	4.6		7.6	20.1	28.0	6.2	304
12-14 I	11.8	12.8		6.8	5.7	3.7	1.7		9.8	23.6	24.0	6.2	296
15-17 I	12.5	16.8		6.1	4.4	2.4	2.7		6.4	20.5	26.3	6.0	297
18-20 I	15.7	14.7		5.4	6.7	4.7	3.7		7.7	13.4	28.1	5.7	299
21-23 I	23.8	8.6		5.9	5.5	3.1	4.8		4.1	10.0	34.1	5.6	290
TOTALS I	18.5	10.8		6.6	5.0	3.5	3.6		6.9	15.7	29.5	5.8	2390

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	28.9	9.5		7.0	3.9	3.9	4.6		4.9	7.0	30.3	5.3	284
03-05	26.6	12.9		4.5	5.6	2.8	1.4		5.5	6.3	34.3	5.2	286
06-08	24.6	14.0		8.5	3.4	4.1	2.0		4.1	7.8	31.4	5.0	293
09-11	22.5	10.5		3.3	6.5	3.6	6.2		6.2	12.7	28.6	5.5	276
12-14	16.4	14.6		7.0	6.3	7.0	3.5		7.3	9.8	28.2	5.4	287
15-17	20.1	13.8		6.9	3.1	3.8	4.2		5.0	10.7	29.4	5.5	289
18-20	29.2	7.4		5.6	5.6	3.9	6.3		3.2	8.1	30.6	5.1	284
21-23	27.1	10.2		6.1	6.4	3.7	3.4		3.7	6.4	32.9	5.1	295
TOTALS	24.4	11.6		6.1	5.1	4.1	4.0		5.4	8.6	30.7	5.2	2294

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	41.0	5.5		6.8	2.9	3.9	2.0		6.8	6.2	24.8	4.3	307
03-05	41.3	6.2		7.2	2.6	4.3	3.3		3.3	4.6	27.2	4.2	305
06-08	35.6	10.4		7.4	5.7	3.0	2.7		5.4	6.0	23.8	4.2	298
09-11	28.6	15.6		9.5	7.5	1.0	6.5		3.7	7.8	19.7	4.2	294
12-14	25.4	12.9		9.2	5.8	3.7	6.1		5.1	9.8	22.0	4.7	295
15-17	34.1	7.0		9.4	5.4	3.0	2.3		5.0	7.0	26.8	4.6	299
18-20	42.8	3.3		5.9	3.6	7.2	2.6		3.0	6.6	25.0	4.2	304
21-23	41.2	6.4		4.2	5.8	3.5	4.2		5.5	5.5	23.8	4.2	311
TOTALS	36.3	8.4		7.5	4.9	3.7	3.7		4.7	6.7	24.1	4.3	2413

GLOBAL CLIMATOLOGY BRANCH
HSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-86
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER														
	HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
JAN	ALL	33.3	12.3		7.0	5.1	3.9	3.1		5.0	6.1	24.4	4.3	2466
FEB		32.3	12.3		7.6	6.0	3.9	4.0		5.5	7.7	20.8	4.2	2251
MAR		27.7	12.7		6.7	6.1	4.8	4.0		5.9	11.7	20.5	4.6	2486
APR		26.5	13.2		5.6	4.8	3.8	4.4		6.7	12.7	22.4	4.9	2350
MAY		21.2	14.4		4.9	5.6	4.1	4.6		7.6	17.3	20.4	5.2	2475
JUN		12.8	11.0		5.9	5.5	4.4	4.1		6.9	20.9	28.5	6.2	2448
JUL		10.7	11.3		4.9	5.5	3.4	5.4		6.7	24.9	25.2	6.5	2610
AUG		6.3	8.4		4.3	4.4	3.7	3.7		7.7	26.0	35.5	7.3	2522
SEP		14.2	17.1		5.0	4.3	4.0	3.9		7.3	18.8	25.4	5.7	2360
OCT		18.5	10.8		6.6	5.0	3.5	3.6		6.9	15.7	29.5	5.8	2390
NOV		24.4	11.6		6.1	5.1	4.1	4.0		5.4	8.6	30.7	5.2	2294
DEC		16.3	8.4		7.5	4.9	3.7	3.7		4.7	6.7	24.1	4.3	2413
TOTALS		22.0	12.0		6.0	5.2	3.9	4.0		6.5	14.8	25.6	5.4	29065

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEE
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEE
PP PP	AA AA	RR RP	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPP	AA AA	RRRRRRRR	TT	EEEE
PPPPPPP	AAAAA AAAAA	RRRRRRR	TT	EEEE
PP	AAAAA AAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEE

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: 042020

STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 65F						.1							.0
GE 60F						.7	1.1	.2					.2
GE 55F						2.5	6.6	1.5					.9
GE 50F					.1	7.3	20.8	10.4					3.2
GE 45F					1.1	20.7	48.3	34.8	1.6				9.0
GE 40F	.1	.2		.2	5.2	40.9	75.9	66.3	9.1	.4	.2		16.6
GE 35F	.7	.5	.1	1.1	15.9	69.4	96.4	92.9	36.1	3.8	.9	.9	26.6
GE 30F	2.5	2.6	1.1	3.2	34.7	96.0	99.6	99.4	67.6	15.1	3.3	2.2	35.6
GE 25F	4.9	4.3	1.7	6.7	59.1	99.9	100.0	100.0	86.9	29.9	7.2	4.3	42.1
GE 20F	7.8	6.5	3.6	14.6	77.3	100.0			96.2	44.7	14.1	6.3	47.6
GE 15F	12.9	9.2	6.1	26.2	89.1				99.3	64.9	26.6	12.0	53.9
GE 10F	20.0	14.8	10.1	38.9	97.6				99.9	81.9	42.4	19.5	60.5
GE 5F	27.8	23.4	16.1	54.7	99.2				100.0	91.7	56.2	30.9	66.8
GE .	41.1	34.5	26.4	74.7	99.8					95.2	72.9	44.3	74.2
GE -5F	50.5	45.1	39.3	88.5	99.9					96.9	83.9	57.6	80.2
GE -10F	63.8	58.0	60.5	96.6	100.0					98.1	92.2	72.9	86.9
GE -15F	78.2	73.6	78.9	99.0						99.6	97.6	84.4	92.7
GE -20F	91.0	87.3	84.6	99.8						100.0	99.8	94.9	96.9
GE -25F	96.5	94.1	96.3	100.0							100.0	98.3	98.8
GE -30F	99.4	98.0	99.6									100.0	99.8
GE -35F	100.0	99.4	100.0										100.0
GE -40F		100.0											100.0
MEAN	-3.3	-5.6	-6.6	7.0	25.9	38.9	44.5	42.3	31.8	18.0	6.7	-1.7	16.5
SD	14.488	14.506	11.965	11.059	8.621	6.941	6.175	5.523	6.407	10.495	11.868	13.231	21.491
TOTAL OBS	1085	989	1084	1050	1085	1050	1085	1085	1049	1085	1079	1115	12841

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020

STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 50						1.7	5.4	2.1					.1
GF 45						5.4	20.0	13.1	.3				.8
GE 40					.6	21.1	61.3	52.9	4.3				7.3
GE 35					1.6	33.4	77.1	70.0	9.0	.2			11.8
GE 30	.1	.1			6.5	57.3	92.9	89.2	73.0	1.1	.1	.1	16.0
GF 25	.3	.4		.1	19.9	92.5	99.7	99.4	50.0	7.3	.6	.3	22.6
GE 20	.7	.6		.8	37.2	99.2	100.0	100.0	68.1	15.5	1.3	.6	30.9
GE 15	1.4	1.0	.3	3.1	60.4	100.0			85.0	25.7	3.8	1.1	35.4
GE 10	2.9	1.4	.7	6.8	75.6				93.4	40.9	8.5	2.6	40.0
GL 5	5.5	3.1	1.8	12.8	84.3				98.4	55.1	17.3	5.7	44.5
GF 0	10.9	6.1	3.7	24.1	92.5				99.9	73.2	29.0	12.5	48.8
GE -5	17.4	12.4	8.6	38.3	97.1				100.0	76.5	43.2	20.0	54.4
GE -10	28.8	20.7	17.1	56.8	99.4					95.3	60.8	30.9	60.4
GF -15	39.3	32.8	29.2	75.4	99.7					96.9	77.3	47.5	67.6
GE -20	57.1	49.1	48.9	91.0	100.0					99.4	90.8	66.5	74.9
GF -25	71.1	66.6	69.3	96.5						100.0	97.4	83.0	81.7
GE -30	87.1	83.0	86.3	99.5							99.9	94.3	90.4
GE -35	97.1	93.3	94.0	99.9							100.0	99.2	95.9
GE -40	100.0	98.7	99.1	100.0								100.0	98.7
GE -45		99.8	100.0										99.8
GE -50		100.0											100.0
MEAN	-17.1	-19.5	-20.0	-7.9	15.5	30.9	36.1	34.8	22.9	6.7	-6.5	-14.8	5.1
SD	12.297	11.712	10.139	10.572	10.015	5.004	4.768	4.443	8.048	11.315	11.007	11.261	23.221
TOTAL OBS	1085	989	1084	1050	1085	1050	1085	1085	1049	1085	1079	1115	12841

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 042020

STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 55]						.3	.7						.1
GE 50]						1.9	5.3	1.4					.7
GE 45]						6.5	21.8	12.0	.2				3.4
GE 40]					.6	22.3	55.8	44.1	2.6				10.5
GE 35]	.1				5.5	49.7	89.4	82.3	15.1	.3			20.3
GE 30]	.2	.3		.1	17.1	84.6	99.0	98.0	45.3	5.6	.6	.3	29.3
GE 25]	1.0	.6		1.6	36.8	99.2	100.0	100.0	70.1	14.9	1.5	.7	35.6
GE 20]	2.0	1.7	.9	4.7	61.3	100.0			86.3	27.5	4.8	1.9	41.0
GE 15]	4.5	3.3	1.6	9.2	78.5				95.9	43.9	10.7	3.9	46.0
GE 10]	8.7	5.3	3.0	18.6	87.6				99.0	61.7	21.1	8.3	51.2
GE 5]	14.7	10.2	6.7	31.7	95.3				99.9	78.2	35.7	15.7	57.4
GE 0]	21.3	17.2	11.3	45.4	98.4				100.0	90.0	49.4	13.5	63.1
GE -5]	33.6	26.7	20.7	65.1	99.7					95.3	66.9	17.1	70.5
GE -10]	46.2	38.7	33.2	82.5	99.9					97.1	80.7	52.7	77.7
GE -15]	59.7	53.2	54.2	93.9	100.0					98.5	91.4	69.7	85.1
GE -20]	74.3	69.4	73.7	98.3						100.0	97.8	82.7	91.4
GE -25]	88.6	86.1	87.2	99.8							99.9	94.3	96.4
GE -30]	97.1	94.3	95.5	99.9							100.0	98.8	98.8
GE -35]	100.0	98.3	99.3	100.0								100.0	99.8
GE -40]		99.6	100.0										100.0
GE -45]		100.0											100.0
MEAN	-10.3	-12.7	-13.5	-4	21.0	35.1	40.6	38.9	27.7	12.6	.1	-8.4	10.9
SD	13.183	12.893	10.837	10.702	8.994	5.693	5.139	4.745	7.004	10.721	11.297	12.085	22.407
TOTAL OBS	1085	989	1084	1050	1085	1050	1085	1085	1049	1085	1079	1115	12641

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

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

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

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
81	9	10	18	30	43	54	57	46	45	37	34	39	57
82	32	19	30	47	46	59	57	50	37	27	27	27	59
83	0	-2	7	27	39	68	64	46	43	37	25	18	68
84	1	-6	19	16	36	59	63	50	45	36	33	18	63
85	30	16	23	27	45	48	59	54	45	41	34	28	59
86	30	34	21	37	48	50	48	52	43	21	10	30	52
MEAN	24.2	20.9	19.9	28.7	40.1	52.4	56.1	52.2	42.1	32.2	27.9	22.1	57.8
S.D.	11.215	12.171	9.682	6.914	5.083	6.321	4.036	3.889	3.223	7.656	7.191	9.701	3.672
TOTAL OBS	1085	989	1084	1050	1085	1050	1065	1085	1049	1085	1079	1115	12841

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-96

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

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

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 51-86

WHOLE DEGREES FAHRENHEIT													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
81	-29	-36	-27	-24	-4	27	32	30	5	-9	-9	-24	-36
82	-33	-27	-26	-20	-4	28	27	25	1	-9	-26	-38	-38
83	-38	-40	-36	-27	-9	25	32	27	9	-8	-20	-29	-40
84	-38	-42	-42	-22	-2	25	32	30	12	-8	-27	-33	-42
85	-31	-29	-33	-20	0	28	30	34	9	-17	-9	-20	-33
86	-27	-26	-38	-22	14	23	28	27	5	-15	-29	-27	-38
MEAN	-32.0	-33.7	-32.7	-22.9	-1.4	23.4	29.5	27.3	8.8	-8.6	-21.4	-26.7	-37.7
S.D.	5.193	5.672	6.635	5.851	7.001	2.983	2.748	2.761	5.636	6.079	5.484	5.149	4.152
TOTAL OBS	1085	989	1084	1050	1085	1050	1085	1085	1049	1085	1079	1115	12641

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

GLOHAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86

HOURS EST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01-02	MEAN	-7.9	-14.5	-11.8	-8.8	19.4	33.7	40.0	36.5	26.2	12.3	1.0	-5.7	10.8
	SD	16.129	19.267	16.624	10.726	9.337	5.641	5.504	4.554	7.606	11.449	12.196	14.321	21.671
	TOT OBS	930	846	930	900	930	900	924	930	900	930	899	930	10949
03-05	MEAN	-8.0	-14.4	-11.9	-1.3	19.2	33.6	39.8	36.2	25.9	12.1	.9	-5.6	10.6
	SD	16.104	17.069	16.936	10.869	9.411	5.986	5.369	4.666	7.606	11.275	12.149	14.418	21.616
	TOT OBS	930	846	930	900	930	900	924	930	900	928	900	930	10948
06-08	MEAN	-7.9	-14.2	-12.0	-2.5	20.6	34.1	40.5	36.9	26.1	12.1	.8	-6.0	11.0
	SD	15.915	19.022	17.037	10.546	8.957	6.007	5.879	4.636	7.704	11.239	12.241	14.713	21.838
	TOT OBS	930	846	930	900	930	900	926	930	900	930	900	929	10951
09-11	MEAN	-7.8	-14.2	-10.7	2.4	22.4	35.0	41.3	38.2	28.0	12.7	.9	-5.7	12.0
	SD	15.792	18.958	16.156	9.773	8.194	6.137	5.944	4.658	7.563	11.229	12.476	14.830	22.039
	TOT OBS	930	846	930	900	930	899	930	930	900	930	899	930	10954
12-14	MEAN	-7.7	-14.1	-8.9	4.5	23.7	36.0	41.8	39.0	29.6	13.3	.9	-5.9	12.8
	SD	16.037	18.868	14.648	9.351	7.781	6.390	6.020	4.815	6.964	11.383	12.246	14.678	22.110
	TOT OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955
15-17	MEAN	-7.7	-14.2	-9.0	5.2	24.3	36.1	42.1	39.1	29.7	12.9	1.0	-5.5	13.0
	SD	16.000	18.845	14.420	9.243	7.644	6.281	6.214	4.750	7.030	11.254	12.276	14.681	22.160
	TOT OBS	930	846	930	900	930	900	927	930	900	930	900	930	10953
19-20	MEAN	-7.2	-14.2	-10.4	4.0	24.2	36.0	42.0	38.7	28.4	12.6	1.3	-5.3	12.6
	SD	15.443	18.803	15.503	9.564	7.642	5.998	5.843	4.663	7.701	11.337	11.888	14.537	22.070
	TOT OBS	930	846	930	900	930	900	926	930	900	930	900	929	10951
21-23	MEAN	-7.8	-14.5	-11.5	.8	22.1	34.9	40.8	37.3	26.4	12.0	.8	-5.9	11.4
	SD	15.743	19.208	16.550	10.338	8.390	5.907	5.555	4.569	8.014	11.280	12.110	14.768	21.934
	TOT OBS	930	846	930	900	930	899	924	930	900	930	900	927	10946
ALL HOURS	MEAN	-7.7	-14.3	-10.8	1.8	22.0	34.9	41.0	37.7	27.6	12.5	.9	-5.7	11.8
	SD	15.889	18.996	16.005	10.337	8.661	6.142	5.856	4.789	7.672	11.309	12.194	14.612	21.946
	TOT OBS	7440	6768	7440	7200	7440	7198	7410	7440	7200	7438	7198	7435	87607

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 047020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
LST														
00-02	MEAN	-8.7	-14.0	-11.9	-1.6	17.2	30.2	36.1	33.4	23.4	11.0	.1	-5.7	9.0
	SD	16.248	18.142	16.465	10.067	8.515	4.397	3.829	3.842	7.193	9.936	11.689	13.959	20.001
	TOT OPS	811	813	924	898	928	844	791	836	807	866	797	816	16133
03-05	MEAN	-8.8	-13.8	-12.1	-2.0	16.9	30.1	35.9	33.0	23.2	10.8	-1.1	-5.5	8.8
	SD	16.228	17.993	16.803	10.266	8.583	4.551	3.816	3.981	7.155	9.799	11.599	14.120	19.990
	TOT OPS	810	813	926	899	930	851	785	837	807	868	774	809	16129
06-08	MEAN	-8.7	-13.7	-12.1	-1.3	18.0	30.5	36.3	33.5	23.3	10.9	.0	-5.9	9.1
	SD	16.011	17.924	16.853	9.879	8.147	4.578	4.119	3.806	7.166	9.655	11.621	14.357	20.085
	TOT OPS	810	810	922	899	930	850	789	835	805	870	797	816	16135
09-11	MEAN	-8.6	-13.6	-10.9	1.4	19.6	31.0	36.8	34.4	24.6	11.4	.0	-5.7	10.0
	SD	15.787	17.703	15.882	8.995	7.429	4.527	4.089	3.669	6.915	9.599	11.918	14.464	20.104
	TOT OPS	815	809	917	900	930	853	805	833	804	868	792	814	16140
12-14	MEAN	-8.5	-13.4	-9.2	3.3	20.6	31.6	37.0	34.8	25.9	11.9	.0	-5.7	10.6
	SD	16.039	17.551	14.407	6.577	6.967	4.567	3.969	3.736	6.356	9.648	11.640	14.408	20.079
	TOT OPS	814	807	922	897	930	845	805	836	807	875	797	819	16154
15-17	MEAN	-8.7	-13.5	-9.3	4.0	21.1	31.8	37.3	34.9	26.0	11.6	.0	-5.6	10.7
	SD	16.006	17.578	14.241	8.440	6.846	4.412	4.073	3.651	6.437	9.749	11.679	14.362	20.087
	TOT OPS	820	807	923	894	929	848	798	841	809	864	800	820	16153
18-20	MEAN	-8.1	-13.4	-10.7	2.9	21.1	31.8	37.2	34.8	25.1	11.3	.3	-5.3	10.5
	SD	15.415	17.532	15.335	8.809	6.860	4.208	3.868	3.632	7.161	9.778	11.336	14.139	20.100
	TOT OPS	821	811	924	894	929	856	795	837	809	865	799	814	16154
21-23	MEAN	-8.0	-13.7	-11.8	-1.1	19.5	31.0	36.6	33.9	23.5	10.8	-1.2	-5.7	9.5
	SD	15.760	17.989	16.406	9.606	7.575	4.243	3.768	3.679	7.515	9.816	11.576	14.393	20.151
	TOT OPS	820	810	925	895	926	844	794	835	810	860	796	814	16129
ALL HOURS	MEAN	-8.6	-13.6	-11.0	.8	19.3	31.0	36.6	34.1	24.4	11.2	.0	-5.7	9.8
	SD	15.929	17.781	15.822	9.564	7.808	4.481	3.972	3.816	7.084	9.750	11.627	14.269	20.085
	TOT OPS	6521	6480	7383	7176	7432	6791	6362	6690	6458	6936	6372	6526	81127

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86

HOURS EST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	-19.0	-24.3	-22.1	-11.8	8.7	23.3	30.2	28.1	16.2	1.3	-10.6	-15.3	.2
	SD	24.063	27.064	25.202	16.462	10.172	5.091	4.266	4.868	9.008	11.254	16.361	20.594	21.995
	TOT ORS	811	813	924	898	928	844	791	836	807	866	797	818	10133
03-05	MEAN	-19.2	-24.4	-22.1	-12.3	8.2	23.2	30.3	27.7	15.7	1.6	-10.9	-15.6	.0
	SD	24.172	27.100	25.366	16.846	10.379	5.307	4.274	5.165	8.980	11.075	16.440	20.728	21.987
	TOT ORS	810	813	926	899	930	851	785	837	807	868	794	809	10129
06-08	MEAN	-19.3	-24.2	-22.1	-11.7	9.1	23.4	30.2	27.9	15.8	1.7	-10.7	-15.5	.2
	SD	24.213	26.966	25.445	16.338	9.905	5.331	4.429	4.974	8.966	10.989	16.413	20.801	21.999
	TOT ORS	810	810	922	899	930	850	789	835	875	870	797	818	10135
09-11	MEAN	-19.3	-24.1	-21.3	-9.3	10.4	23.7	30.4	28.3	16.5	2.2	-10.7	-15.4	.9
	SD	23.976	26.642	24.668	14.305	9.271	5.259	4.729	4.902	8.765	10.926	16.568	21.011	21.915
	TOT ORS	815	809	917	900	930	853	805	833	874	868	792	814	10140
12-14	MEAN	-19.3	-23.8	-20.0	-7.4	11.0	23.8	30.4	28.4	17.5	2.4	-10.6	-15.5	1.4
	SD	23.990	26.448	23.334	12.716	8.853	5.190	4.452	5.018	8.473	10.951	16.255	20.918	21.705
	TOT ORS	814	807	922	897	930	845	805	836	807	875	797	819	10154
15-17	MEAN	-19.4	-23.8	-19.8	-6.7	11.6	24.0	30.4	28.4	17.6	2.3	-10.6	-15.4	1.5
	SD	24.070	26.515	23.078	12.258	8.680	5.015	4.284	4.776	8.476	10.945	16.269	20.922	21.713
	TOT ORS	820	807	923	894	929	848	798	841	809	864	800	820	10153
18-20	MEAN	-19.0	-23.7	-20.8	-7.5	11.9	24.3	30.5	28.7	17.4	2.0	-10.2	-14.9	1.5
	SD	23.646	26.438	23.939	13.025	8.697	4.949	4.287	4.642	9.038	10.893	15.742	20.492	21.814
	TOT ORS	821	811	924	894	929	856	795	837	809	865	799	814	10154
21-23	MEAN	-19.3	-23.8	-21.8	-10.5	10.8	23.8	30.2	28.3	16.1	1.5	-10.7	-15.3	.7
	SD	23.909	26.551	25.083	15.259	9.151	4.926	4.410	4.575	9.303	11.099	16.369	20.839	21.974
	TOT ORS	820	810	925	895	926	844	794	835	810	860	796	814	10129
ALL HOURS	MEAN	-19.2	-24.0	-21.3	-9.6	10.2	23.7	30.3	28.2	16.6	1.9	-10.6	-15.4	.8
	SD	23.992	26.703	24.519	14.747	9.495	5.145	4.393	4.876	8.905	11.016	16.294	20.778	21.894
	TOT ORS	6521	6460	7383	7176	7432	6791	6362	6690	6458	6936	6372	6526	81127

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-96
MONTH: JAN

MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.9	99.5	94.1	72.5	43.5	20.8	7.3	2.3	59.3	811
	03-05	100.0	100.0	99.6	94.2	70.2	44.1	19.0	7.2	2.1	59.1	810
	06-08	100.0	99.8	99.0	94.1	71.4	42.6	15.1	4.8	1.2	58.2	810
	09-11	100.0	99.8	99.3	93.3	69.3	42.8	15.0	5.4	1.3	58.0	815
	12-14	100.0	100.0	99.8	93.5	70.1	39.4	14.5	5.3	1.7	57.8	814
	15-17	100.0	100.0	99.8	91.2	68.8	39.6	14.8	4.5	1.1	57.8	820
	18-20	100.0	99.9	99.0	91.2	66.4	37.4	16.3	6.3	1.7	57.4	821
	21-23	100.0	100.0	99.6	93.0	69.4	37.6	17.3	7.0	2.4	58.3	820
	TOTALS	100.0	99.9	99.5	93.1	69.8	40.9	16.6	6.0	1.7	59.2	6521

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042027 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
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	99.8	95.6	73.1	40.3	16.4	4.6	1.0	58.8	813
	03-05	100.0	99.9	99.9	95.8	72.0	40.6	14.1	3.2	.5	58.0	813
	06-08	100.0	100.0	100.0	95.6	73.3	38.9	13.6	4.9	.9	58.3	810
	09-11	100.0	100.0	99.6	96.0	74.4	40.0	12.7	4.0	1.2	58.5	809
	12-14	100.0	100.0	99.9	96.8	74.6	42.4	12.6	3.6	1.0	58.7	807
	15-17	100.0	100.0	99.5	95.8	75.6	42.8	14.9	3.8	.9	59.0	807
	18-20	100.0	100.0	100.0	97.3	75.8	42.4	15.4	4.4	1.1	59.1	811
	21-23	100.0	100.0	99.9	97.7	75.3	44.2	17.0	5.1	1.5	59.7	810
TOTALS		100.0	100.0	99.8	96.3	74.3	41.5	14.6	4.2	1.0	58.8	6480

GLOBAL CLIMATOLOGY BRANCH
 WSAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
 MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
MAR	00-02	100.0	100.0	100.0	97.0	72.8	44.0	18.0	6.9	1.8	59.7	924
	03-05	100.0	99.9	99.8	96.2	75.3	47.3	18.8	7.7	2.9	60.3	926
	06-08	100.0	100.0	100.0	97.6	73.8	45.8	20.2	7.6	2.0	60.2	922
	09-11	100.0	100.0	99.9	96.2	71.4	41.0	16.5	6.9	1.5	58.9	917
	12-14	100.0	100.0	99.6	95.8	70.5	36.9	13.9	5.5	1.8	58.0	927
	15-17	100.0	99.9	99.8	96.1	72.2	43.0	16.4	7.2	1.8	59.1	923
	18-20	100.0	100.0	100.0	96.8	74.6	44.9	18.0	7.7	2.2	60.0	924
	21-23	100.0	100.0	99.8	95.1	74.4	47.1	17.7	7.4	2.3	60.0	925
	TOTALS	100.0	100.0	99.9	96.4	73.1	43.8	17.4	7.1	2.0	59.5	7383

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-86
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUM OBS	
APR	00-07	100.0	99.9	99.9	97.2	73.3	46.5	19.9	7.2	2.2	60.0	896	
	03-05	100.0	100.0	99.9	96.6	75.4	44.4	18.9	6.5	1.9	59.8	899	
	06-08	100.0	100.0	100.0	96.8	73.2	42.2	17.6	6.9	1.8	59.3	899	
	09-11	100.0	100.0	99.8	95.8	71.4	37.6	16.2	6.0	1.6	58.3	900	
	12-14	100.0	100.0	100.0	94.8	72.1	37.9	15.7	5.5	.6	58.2	897	
	15-17	100.0	100.0	99.9	95.1	70.5	40.2	15.3	4.7	.3	58.0	894	
	18-20	100.0	100.0	100.0	96.5	72.5	41.6	17.6	7.6	1.6	59.2	894	
	21-23	100.0	100.0	100.0	96.5	73.6	46.3	18.8	8.3	2.1	60.0	895	
	TOTALS	100.0	100.0	99.9	96.2	72.8	42.1	17.5	6.6	1.5	59.1	7176	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042020 STATION NAME: THULE AB GL

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	00-02	100.0	100.0	100.0	97.8	82.1	56.9	29.1	10.7	4.7	63.9	926
	03-05	100.0	100.0	99.8	96.9	79.6	55.2	27.4	10.8	5.1	63.1	930
	06-08	100.0	100.0	100.0	97.0	77.2	53.0	22.6	10.2	3.3	61.9	930
	09-11	100.0	100.0	100.0	94.8	76.3	49.2	21.0	8.1	2.2	60.7	930
	12-14	100.0	99.9	99.5	92.9	72.5	44.2	17.3	4.9	1.4	59.2	930
	15-17	100.0	99.9	99.8	94.0	72.2	46.3	18.2	5.6	.3	59.4	929
	18-20	100.0	100.0	99.9	95.8	73.6	48.7	20.9	6.9	1.9	60.4	929
	21-23	100.0	100.0	99.9	98.4	80.5	53.8	24.4	11.3	3.8	62.6	926
	TOTALS	100.0	100.0	99.9	96.0	76.8	50.9	22.6	8.6	2.8	61.4	7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042320 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-86
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	99.4	96.3	86.9	67.4	34.2	18.4	8.3	66.9	844
	03-05	100.0	99.9	99.4	96.1	86.5	68.4	34.2	17.7	8.3	67.0	851
	06-08	100.0	100.0	99.6	95.9	86.0	65.9	32.0	16.0	7.3	66.2	850
	09-11	100.0	100.0	99.6	95.9	82.1	60.1	29.5	17.1	7.0	64.8	853
	12-14	100.0	99.8	99.2	94.7	77.2	56.0	26.5	13.7	5.7	62.9	845
	15-17	100.0	100.0	98.9	94.2	79.1	56.8	27.5	14.6	6.7	63.2	848
	18-20	100.0	100.0	98.6	93.8	82.6	59.8	27.9	15.4	7.4	64.3	856
	21-23	100.0	100.0	99.1	95.0	84.4	64.7	29.1	15.5	7.8	65.4	844
	TOTALS	100.0	100.0	99.3	95.2	83.1	62.4	30.1	16.1	7.3	65.1	6791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	99.1	97.1	89.4	74.8	43.7	22.6	6.4	69.6	791
	03-05	100.0	100.0	99.5	97.7	91.7	76.1	45.4	26.2	7.4	70.6	785
	06-08	100.0	100.0	98.7	95.9	91.4	71.0	42.5	21.2	5.4	68.7	789
	09-11	100.0	99.6	96.1	95.3	89.6	68.7	38.4	17.9	4.2	67.3	805
	12-14	100.0	99.3	98.5	95.4	88.4	65.6	32.5	16.4	4.6	66.2	805
	15-17	100.0	99.5	98.2	94.7	85.5	63.0	31.7	15.4	4.1	65.2	798
	18-20	100.0	100.0	98.6	95.7	85.3	63.9	35.0	17.0	3.8	65.9	795
	21-23	100.0	99.9	98.5	96.1	86.3	68.8	40.2	22.5	4.0	67.7	794
	TOTALS	100.0	99.8	98.7	96.0	88.5	69.0	38.7	19.9	5.0	67.7	6362

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	HUM OBS
AUG	00-02	100.0	100.0	100.0	99.5	95.5	83.4	48.9	27.9	11.5	72.7	895
	03-05	100.0	100.0	100.0	99.2	95.6	82.6	50.7	29.3	9.6	72.5	837
	06-08	100.0	100.0	100.0	99.3	93.3	78.6	45.1	25.0	9.3	71.2	835
	09-11	100.0	100.0	100.0	99.0	91.2	70.9	37.5	20.4	8.2	69.1	833
	12-14	100.0	100.0	99.6	97.8	89.5	71.2	32.1	16.0	6.0	67.4	836
	15-17	100.0	100.0	99.8	98.1	88.9	68.1	31.0	16.8	5.5	66.9	841
	18-20	100.0	100.0	100.0	98.7	91.2	71.1	37.6	20.1	5.9	68.6	837
	21-23	100.0	100.0	100.0	99.4	93.3	78.6	43.1	24.8	8.0	70.9	835
	TOTALS	100.0	100.0	99.9	98.9	92.3	75.6	40.8	22.5	8.0	69.9	6690

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
SEP	00-02	100.0	100.0	100.0	98.9	91.0	66.0	33.0	18.5	5.7	66.9	807	
	03-05	100.0	100.0	99.9	97.1	89.0	65.7	34.9	16.2	5.5	66.6	807	
	06-08	100.0	100.0	100.0	97.0	88.8	65.3	34.0	16.0	6.5	66.6	805	
	09-11	100.0	100.0	100.0	96.0	81.8	55.3	29.6	14.9	6.1	63.8	804	
	12-14	100.0	100.0	99.5	93.2	77.9	53.0	26.0	14.5	5.1	62.6	807	
	15-17	100.0	100.0	99.5	94.2	78.6	53.3	25.0	13.8	4.7	62.4	804	
	18-20	100.0	100.0	99.6	96.5	84.3	59.5	28.2	18.2	5.4	64.3	805	
	21-23	100.0	100.0	99.9	98.1	90.5	65.7	32.0	18.1	5.0	66.6	810	
	TOTALS	100.0	100.0	99.8	96.4	85.2	60.5	30.3	16.3	5.6	65.0	6458	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OBS
OCT	00-02	100.0	100.0	99.8	94.8	82.0	56.5	22.6	7.3	1.7	61.9	866
	03-05	100.0	100.0	99.6	94.8	80.9	55.0	24.2	7.4	2.3	61.9	866
	06-08	100.0	100.0	99.5	94.5	81.6	56.2	23.4	6.3	1.1	62.0	870
	09-11	100.0	100.0	99.4	94.5	82.3	58.1	23.5	5.9	.9	61.9	866
	12-14	100.0	100.0	99.0	93.9	80.3	54.6	22.1	6.1	1.6	61.0	875
	15-17	100.0	100.0	99.7	94.7	83.4	56.3	20.6	4.2	.9	61.5	864
	18-20	100.0	100.0	99.9	94.3	82.9	55.8	19.0	6.5	2.0	61.5	865
	21-23	100.0	100.0	99.5	95.5	81.6	56.5	20.3	5.9	2.1	61.6	861
TOTALS		100.0	100.0	99.6	94.6	81.9	56.1	22.0	6.2	1.6	61.6	6936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-78,80-86

MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	98.9	89.7	70.9	45.0	17.9	4.6	.9	54.3	797
	03-05	100.0	99.7	99.5	89.4	70.3	45.0	17.5	5.2	.6	59.1	794
	06-08	100.0	99.9	99.2	89.6	72.1	45.3	17.7	5.1	1.0	54.4	797
	09-11	100.0	100.0	99.0	89.4	70.6	45.5	17.3	4.8	.6	55.2	796
	12-14	100.0	100.0	99.1	90.1	73.3	44.3	18.3	5.8	1.1	58.6	797
	15-17	100.0	100.0	99.1	89.1	71.4	44.5	18.6	6.4	1.4	58.6	801
	18-20	100.0	100.0	99.7	91.4	73.7	45.8	17.6	6.3	1.9	59.0	794
	21-23	100.0	100.0	99.6	90.7	71.9	45.2	17.1	6.7	1.5	58.8	796
	TOTALS	100.0	100.0	99.3	89.9	71.8	45.1	17.8	5.6	1.2	58.5	6372

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
DEC	00-02	100.0	100.0	99.6	95.8	79.3	50.6	24.0	8.8	3.5	61.7	818
	03-05	100.0	99.9	99.6	95.8	79.0	48.2	23.6	7.5	2.7	61.2	809
	06-08	100.0	100.0	99.9	96.5	77.6	49.8	24.8	8.7	3.3	61.8	818
	09-11	100.0	100.0	99.6	96.8	77.6	48.5	24.2	9.7	2.2	61.5	814
	12-14	100.0	100.0	99.9	97.6	79.5	51.3	24.7	7.1	2.6	61.7	819
	15-17	100.0	100.0	99.9	96.5	78.4	48.2	21.5	8.0	2.8	61.1	820
	18-20	100.0	100.0	100.0	96.2	79.2	50.2	23.3	8.5	2.8	61.6	814
	21-23	100.0	100.0	99.8	96.9	79.0	51.2	23.6	8.1	3.7	61.7	814
	TOTALS	100.0	100.0	99.8	96.5	78.7	49.8	23.7	8.3	3.0	61.5	6526

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86
MONTHS: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	NO. OBS.		
JAN	ALL	100.0	99.9	99.5	93.1	69.8	40.9	16.6	6.0	1.7	59.0	65.1	
FEB		100.0	100.0	99.8	96.3	74.3	41.5	19.0	9.2	1.1	58.9	64.0	
MAR		100.0	100.0	99.9	96.4	73.1	43.8	17.4	7.1	1.0	59.2	72.9	
APR		100.0	100.0	99.9	96.2	72.8	42.1	17.5	6.6	1.0	59.1	71.0	
MAY		100.0	100.0	99.9	96.0	76.9	50.9	22.0	8.8	1.0	61.4	76.0	
JUN		100.0	100.0	99.3	95.2	83.1	62.4	35.1	16.1	3.0	65.1	87.0	
JUL		100.0	99.8	98.7	90.0	84.6	69.7	56.2	34.8	1.1	67.7	87.0	
AUG		100.0	100.0	99.9	98.9	92.7	75.6	49.3	22.7	3.0	62.3	88.0	
SEP		100.0	100.0	99.8	97.4	85.2	60.3	35.2	14.2	1.0	61.2	88.0	
OCT		100.0	100.0	99.6	94.0	81.0	55.7	31.1	11.1	1.0	61.2	88.0	
NOV		100.0	100.0	99.3	89.2	71.8	45.1	17.8	5.0	1.0	60.0	87.0	
DEC		100.0	100.0	99.8	96.5	78.7	49.8	25.7	8.0	1.0	61.2	87.0	
TOTALS		100.0	100.0	99.9	95.1	79.1	52.1	28.2	10.0	1.0	60.2	1000	

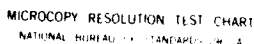
AD-A187 857

THULE AB GREENLAND REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 12 MAY 87
UNCLASSIFIED USAFETAC/DS-87/824 F/C 4/2

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PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 042020 STATION NAME: THULE AB GL

PERIOD OF RECORD: 77-86

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
02	MEAN	29.493	29.573	29.562	29.723	29.725	29.603	29.543	29.525	29.563	29.485	29.475	29.449	29.560
	SD	.389	.398	.413	.379	.277	.217	.206	.229	.255	.301	.326	.390	.330
	TOT OBS	310	282	310	300	310	300	308	310	300	310	300	310	3650
05	MEAN	29.499	29.560	29.568	29.729	29.726	29.603	29.545	29.528	29.566	29.488	29.481	29.455	29.564
	SD	.387	.401	.414	.327	.278	.215	.207	.229	.256	.302	.328	.391	.330
	TOT OBS	310	282	310	300	310	300	308	310	300	310	300	310	3650
08	MEAN	29.498	29.584	29.571	29.731	29.729	29.602	29.542	29.533	29.571	29.491	29.479	29.455	29.565
	SD	.385	.402	.412	.329	.275	.215	.208	.231	.255	.302	.320	.389	.329
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
11	MEAN	29.498	29.560	29.569	29.729	29.728	29.602	29.538	29.529	29.566	29.488	29.479	29.452	29.563
	SD	.383	.402	.411	.328	.274	.217	.209	.231	.259	.301	.320	.389	.329
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
14	MEAN	29.491	29.577	29.564	29.728	29.723	29.601	29.540	29.529	29.562	29.486	29.474	29.450	29.560
	SD	.384	.400	.410	.326	.272	.220	.208	.232	.259	.304	.321	.389	.329
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
17	MEAN	29.499	29.584	29.572	29.733	29.727	29.609	29.548	29.534	29.568	29.490	29.484	29.458	29.567
	SD	.384	.396	.407	.326	.272	.222	.206	.232	.257	.303	.323	.390	.328
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
20	MEAN	29.504	29.564	29.574	29.735	29.727	29.612	29.551	29.538	29.573	29.492	29.481	29.463	29.569
	SD	.386	.397	.404	.328	.273	.221	.205	.229	.256	.302	.325	.391	.328
	TOT OBS	310	282	310	300	310	300	308	310	300	310	300	309	3649
23	MEAN	29.501	29.577	29.572	29.732	29.722	29.613	29.546	29.534	29.567	29.485	29.475	29.457	29.565
	SD	.387	.398	.408	.329	.275	.220	.207	.230	.257	.303	.328	.393	.330
	TOT OBS	310	282	310	300	310	300	308	310	300	309	300	309	3648
ALL	MEAN	29.498	29.580	29.569	29.730	29.726	29.606	29.544	29.531	29.567	29.488	29.478	29.455	29.564
	SD	.385	.399	.409	.327	.274	.218	.207	.230	.256	.302	.323	.390	.329
HOURS	TOT OBS	2480	2256	2480	2400	2480	2400	2470	2480	2400	2479	2400	2478	29203

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN HRS FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 042020 STATION NAME: THULF AB GL

PERIOD OF RECORD: 77-86

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
02	MEAN	1009.8	1012.3	1010.7	1017.1	1017.1	1012.4	1010.1	1010.3	1011.4	1008.9	1008.1	1008.0	1011.3
	SD	13.654	13.867	14.041	11.247	9.377	7.410	7.035	7.597	8.651	10.233	11.335	13.010	11.258
	TOT OBS	273	247	274	267	269	267	275	275	269	268	267	275	3226
05	MEAN	1010.2	1012.4	1010.9	1017.2	1016.9	1012.4	1010.2	1010.2	1011.5	1009.1	1008.1	1008.5	1011.5
	SD	13.619	13.740	13.910	11.251	9.305	7.285	6.939	7.764	8.678	10.469	11.235	12.947	11.218
	TOT OBS	270	246	278	268	275	260	274	275	262	269	258	273	3208
08	MEAN	1010.1	1012.6	1011.2	1017.4	1017.1	1012.4	1010.2	1010.6	1011.7	1009.2	1008.2	1008.3	1011.6
	SD	13.664	13.571	13.805	11.337	9.202	7.297	7.027	7.625	8.770	10.397	11.295	12.932	11.207
	TOT OBS	275	246	274	268	278	263	272	273	268	277	267	275	3236
11	MEAN	1009.9	1012.6	1011.1	1017.5	1017.1	1012.2	1010.2	1010.4	1011.5	1009.2	1008.4	1008.1	1011.5
	SD	13.610	13.555	13.836	11.322	9.218	7.377	7.096	7.796	8.865	10.461	11.058	12.959	11.212
	TOT OBS	269	244	274	261	274	260	270	271	267	273	262	267	3192
14	MEAN	1009.9	1012.3	1011.2	1017.3	1016.9	1012.3	1010.2	1010.3	1011.3	1009.2	1008.2	1008.3	1011.4
	SD	13.509	13.586	13.709	11.305	9.160	7.418	7.064	7.680	8.757	10.366	11.186	12.985	11.171
	TOT OBS	277	244	272	266	276	264	268	268	267	274	265	267	3208
17	MEAN	1009.9	1012.5	1011.2	1017.4	1017.0	1012.4	1010.4	1010.6	1011.5	1009.3	1008.6	1008.4	1011.6
	SD	13.440	13.506	13.685	11.278	9.111	7.570	7.014	7.679	8.820	10.497	11.279	13.015	11.182
	TOT OBS	270	249	274	266	271	261	268	275	262	270	267	276	3209
20	MEAN	1010.1	1012.6	1011.3	1017.3	1016.9	1012.7	1010.5	1010.6	1011.5	1009.3	1008.5	1008.4	1011.6
	SD	13.554	13.926	13.724	11.290	9.230	7.517	6.901	7.565	8.763	10.322	11.402	13.003	11.204
	TOT OBS	261	243	269	260	267	258	264	264	259	269	252	270	3136
23	MEAN	1010.1	1012.4	1011.3	1017.4	1016.7	1012.5	1010.3	1010.6	1011.2	1009.1	1008.4	1008.3	1011.5
	SD	13.673	13.702	13.976	11.361	9.319	7.338	7.029	7.586	8.582	10.295	11.375	13.102	11.222
	TOT OBS	272	241	268	262	271	260	273	270	265	265	265	274	3186
ALL	MEAN	1010.0	1012.5	1011.1	1017.3	1017.0	1012.4	1010.3	1010.4	1011.5	1009.2	1008.3	1008.3	1011.5
	SD	13.569	13.658	13.815	11.281	9.226	7.391	7.003	7.651	8.723	10.365	11.254	12.974	11.208
	TOT OBS	2167	1960	2183	2118	2181	2093	2164	2171	2119	2165	2103	2177	25601

END

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