AD-A183 532 FT LEONARD WOOD MISSOURI LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A... 09 JUN 87 1/3

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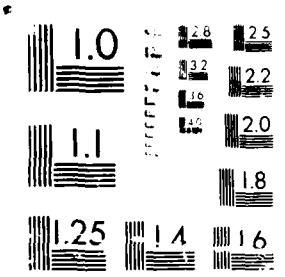
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USMO 724457 USAFETAC/DS-87/041

19 JUN 1987

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"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCS"

FT LEONARD WOOD MO MSC #724457
N 37 44 W 092 08 ELEV 1159 FT TBN

PARTS A - E HOURS SUMMARIZED: 0600 - 2100 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: APR 77 - MAR 87
SUMMARY OF DAY DATA: APR 63 - FEB 87

TIME CONVERSION GMT TO LST -6

"Approved for public release; Distribution Unlimited."

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REVIEW AND APPROVAL STATEMENT

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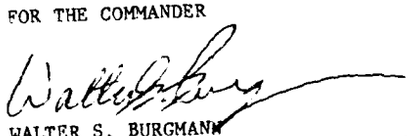
FOR THE COMMANDER



WALTER S. BURGMANN
Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

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7b. **Address:** Scott AFB, IL 62225-5458

11 **Title:** (LISOCS) Ft Leonard Wood MO

12 **Personal Author(s):**

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14 **Date of Report:** Jun 87

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17 **COSATI Codes:** Field--04, Group--02

#8 **Subject Terms:** *climatology *weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity psychrometric data visibility ceiling Limited Surface Observations Climatic Summary(LISOCS); Ft Leonard Wood MO; Missouri; Forney AAF MO; USM0724457.

19 **Abstract:** A statistical data summary of surface weather observation climatology for: Ft Leonard Wood MO. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3,Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for use.

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

21 **Abstract Security Classification:** UNCLASSIFIED.

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

DD FORM 1473 **UNCLASSIFIED**

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NAME: FT LEONARD WOOD MO

STATION NUMBER: 724457

CALL ID: KTBN

PERIOD OF RECORD:

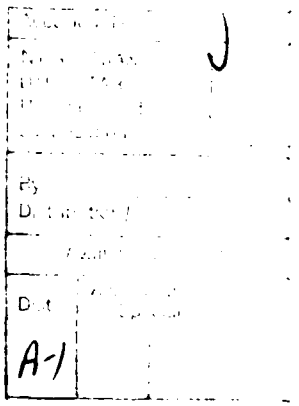
HOURLY OBSERVATIONS: APR 77 - MAR 87

SUMMARY OF DAY DATA: APR 63 - FEB 87

HOURS SUMMARIZED: 0600 - 2100 LST
(CLOSED SOME HOLIDAYS)

TIME CONVERSION GMT TO LST: -6

DATE PRODUCED: 9 JUN 87



DL-A/USAFETAC/MPL/AWS
ASHEVILLE NC 28801

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--LISOCS

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

SUPPLEMENTAL DATA: DATA DERIVED FROM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.
HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

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

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

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PART B: SEE SUPPLEMENTAL DATA SECTION BELOW

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PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

A.SMSC 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 CATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.

STATION LOCATION AND INSTRUMENTATION HISTORY

AWS MSC NO.	NAME OF STATION	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
724457	FORT LEONARD WOOD/FORNEY AAF	N 37 44	W 092 08	1159 Ft	TBN	

CHG NO.	GEOGRAPHICAL LOCATION AND NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	ELEVATION ABOVE MSL HT BARO	OBS PER DAY
1	Ft Leonard Wood/Forney AAF	AAF	3 May 63	1 Nov 66	N 37 44	W 092 09	1158	1153	24
2	Same	Same	2 Nov 66	31 Aug 68	Same	Same	1168	1152	24
3	Same	Same	1 Sep 68	30 Sep 68	Same	Same	Same	Same	16*
4	Same	Same	1 Oct 68	31 Oct 68	Same	Same	Same	Same	24
5	Same	Same	1 Nov 68	31 Jan 69	Same	Same	Same	Same	16**
6	Same	Same	1 Feb 69	30 Sep 73	Same	Same	Same	Same	24
7	Same	Same	1 Oct 73	31 Dec 74	Same	Same	Same	Same	16**
8	Same	Same	1 Jan 75	30 Nov 75	Same	Same	Same	Same	16**
9	Same	Same	1 Jan 75	30 Nov 75	N 37 45	Same	Same	1161	16**
10	Same	Same	1 Dec 75	1 Feb 82	Same	Same	Same	1151	16**
11	Same	Same	2 Feb 82	14 Oct 84	Same	Same	Same	1154	16-20**

CHG NO.	DATE OF CHANGE	SURFACE EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
1	3 May 63	Located on top of control tower	AN/GMQ-11	N/A	32 Ft	* Some days of the month reported 24.
2	2 Nov 66	Located 500 ft NE of centerline of rnwy 90 ft from SE end of rnwy	Same	RO-2	13 Ft	** 16 mon-fri and 10 sat-sun.
3	1 Sep 68	Located 500 ft of centerline of rnwy 90 ft from SE end of rnwy	Same	Same	Same	
4	1 Oct 68	Located 500 ft of centerline of rnwy 90 ft from SE end of rnwy	AN/FMQ-20	RO-36Z	Same	
5	1 Nov 68	Same	Same	Same	Same	
6	1 Feb 69	Same	Same	Same	Same	

CHG NO.	DATE OF CHANGE	SURFACE EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	14 Oct 84	Same	Same	Same	Same	

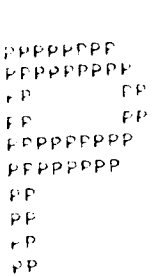
STATION LOCATION AND INSTRUMENTATION HISTORY

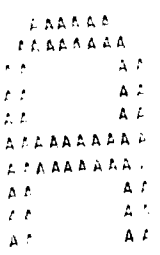
AWS MSC NO.	NAME OF STATION	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
724457	FORT LEONARD WOOD/FORNEY AAF	N 37 44	W 092 08	1159 Ft	TBN	

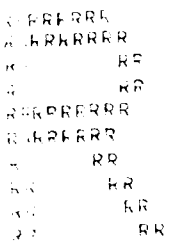
CHG NO.	GEOGRAPHICAL LOCATION AND NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO	
12	Same	Same	15 Oct 84	14 Mar 85	N 37 44	W 092 08	Same	Same	Same
13	Same	Same	15 Mar 85	15 Nov 85	Same	Same	Same	Same	9-16***
14	Same	Same	16 Nov 85	1 Dec 85	Same	Same	1159	Same	Same
15	Same	Same	02 Dec 85	31 Mar 87	Same	Same	1159	Same	Same

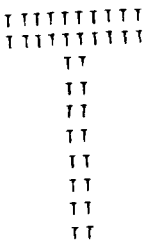
CHG NO.	DATE OF CHANGE	SURFACE EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
						*** 16 mon-fri, 9 sat, and 10 sun

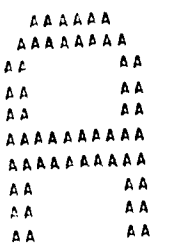
AWS FORM 2
NOV 83











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).

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 OR UNE 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 MILE (LESS 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 "[illegible]" [illegible] OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE

2. METAR STATIONS (BEGINNING IN JAN [illegible]) AND [illegible] REPORTING STATIONS RECORDED ON THE AWS FORMS 1[illegible]/1[illegible]A AND TRANSMITTED [illegible] ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 197[illegible], METAR STATIONS [illegible] ALL [illegible] 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 1[illegible]/1[illegible]A, [illegible] RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY [illegible]. 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: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZNG RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		4.8	1.1	12.4		17.8	16.2	3.4	.5		20.2	734
09-11		4.1	.5	12.0		16.2	13.5	6.3	1.6		21.1	862
12-14		3.4		10.3		13.6	9.2	6.1	1.7		17.0	920
15-17		3.2	.2	9.2		12.7	7.6	4.8	2.0		14.1	900
18-20		2.4	1.6	7.5		11.5	8.8	2.1	.6		11.4	849
21-23		2.4	2.4	6.8		11.1	5.3	1.9	1.0		8.2	207
TOTALS		3.4	1.0	9.7		13.8	10.1	4.1	1.2		15.3	4492

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZNG RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.6	7.6	1.8	8.7		17.4	24.2	8.7	.7		31.2	682
09-11		8.1	.7	11.2		17.5	19.5	11.6	1.2		30.9	807
12-14		8.3	.3	10.8		16.1	10.9	9.8	.8		20.5	841
15-17		7.2	.1	7.6		14.8	10.9	7.7	.5		18.8	819
18-20		6.5	1.3	9.8		17.8	12.6	5.1	1.2		16.7	771
21-23	.6	4.7	2.3	13.4		16.6	10.5	1.2	1.2		12.8	174
TOTALS	.2	6.4	1.2	10.1		16.9	14.8	6.9	.9		21.6	4092

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.1	11.1	.3	5.2		16.3	24.6	6.1	.8		29.0	746
09-11	.3	10.4	.3	4.8		15.5	16.3	7.3	.4		23.5	895
12-14	.8	9.9		5.2		14.5	11.3	6.5	.6		18.1	926
15-17	.6	8.9		4.1		12.6	9.0	4.5	.3		13.7	897
18-20	1.8	13.3	.1	3.9		15.8	12.0	3.2	.2		14.8	683
21-23	2.0	10.4		3.5		13.4	10.9	2.5	.5		13.4	201
TOTALS	.9	10.2	.1	4.5		14.4	14.0	5.0	.5		18.8	4550

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: APR

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.7	10.6		.7		11.1	17.0	6.4	.4		22.5	765
09-11	1.1	9.9		.7	.1	10.7	8.8	5.8	.3		13.9	886
12-14	1.6	6.5		1.1		9.5	3.3	3.2	.3		6.5	896
15-17	2.6	9.7		.5	.1	12.5	5.0	2.6			7.7	850
18-20	3.1	13.7		.5		13.7	7.8	1.5			9.3	856
21-23	2.6	9.2		1.0		9.7	2.6	.5			3.1	195
TOTALS	1.9	10.3		.8	.0	10.8	7.4	3.4	.2		10.5	4478

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: MAY

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZNG RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	2.6	11.5				11.5	21.6	11.8			32.2	861
09-11	1.2	8.4				8.4	9.7	8.3			17.5	914
12-14	1.5	7.5				7.0	4.2	7.0			10.9	929
15-17	3.7	7.1				7.1	5.2	5.7			9.9	901
18-20	4.3	7.9				7.9	6.8	5.9			11.5	807
21-23	3.5	7.7				7.7	7.7	1.2			8.3	168
TOTALS	2.7	8.3				8.3	9.2	6.7			15.1	4580

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: JUN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZNG RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	3.5	6.7				6.7	18.6	13.7			29.4	838
09-11	2.6	6.6				6.6	6.0	9.1			14.4	882
12-14	4.7	7.3				7.3	3.1	4.3			7.3	900
15-17	4.7	7.6				7.8	2.5	6.2			6.6	873
18-20	4.7	7.3				7.3	4.1	6.3			12.3	737
21-23	3.3	4.9				4.9	2.5	6.6			9.0	122
TOTALS	3.7	6.8				6.8	6.1	6.0			13.5	4350

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: JUL

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	2.4	5.4				5.4	21.4	18.2			33.6	865
09-11	1.9	4.6				4.6	4.2	14.8			18.8	911
12-14	2.1	3.8				3.8	2.0	12.2			14.0	921
15-17	2.8	3.0				3.0	1.0	10.9			11.8	897
18-20	3.7	3.5				3.5	1.8	13.2			14.5	781
21-23	5.2	7.4				7.4	3.7	8.1			11.1	135
TOTALS	3.0	4.6				4.6	5.7	12.9			17.3	4510

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.7	6.0				6.0	24.8	19.2			41.4	868
09-11	1.0	5.1				5.0	6.8	17.2			23.2	912
12-14	.9	4.4				4.4	3.2	12.2			15.2	930
15-17	3.4	4.3				4.3	3.3	11.4			14.1	906
18-20	3.4	6.0				6.0	4.5	12.1			15.8	804
21-23	2.8	5.7				5.7	3.5	3.5			7.1	141
TOTALS	2.4	5.2				5.2	7.7	12.6			19.5	4555

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.4	5.4				5.4	24.8	13.5			36.2	834
09-11	.3	6.6				6.6	8.5	9.9			18.3	882
12-14	1.1	5.4				5.4	3.3	6.2			9.4	900
15-17	1.5	4.6				4.6	2.9	5.4			8.3	870
18-20	2.2	4.6				4.6	4.4	5.0			8.9	776
21-23	3.7	5.2				5.2	4.5	5.2			8.2	134
TOTALS	1.7	5.3				5.3	8.1	7.5			14.9	4396

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.3	11.5				11.5	24.3	5.2			28.8	845
09-11	1.0	8.5				8.5	13.6	6.2			19.3	905
12-14	1.3	11.2				11.2	8.3	4.5			12.7	930
15-17	.8	10.3				10.3	8.8	3.1			11.7	905
18-20	1.9	9.1				9.1	8.7	1.7			10.4	823
21-23	.6	7.6				7.6	10.1	1.3			11.4	158
TOTALS	1.2	9.7				9.7	12.3	3.7			15.7	4566

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.0	13.8	.4	1.1		15.2	25.7	5.9			29.8	717
09-11	.6	11.8	.1	2.0		13.9	20.7	4.8	.2		24.9	858
12-14	.7	13.0	.1	2.5		15.1	13.9	4.9			18.3	895
15-17	.8	12.7	.1	2.1	.1	14.6	13.1	4.8	.1		17.9	872
18-20	1.7	14.3	.5	2.3		16.5	12.5	1.9			14.2	840
21-23	1.8	14.3	.9	2.8		18.0	15.7	1.4			16.6	217
TOTALS	1.1	13.3	.4	2.1	.0	15.6	16.9	4.0	.1		20.3	4399

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.1	9.1	1.3	4.1		13.9	20.9	3.6	.4		23.1	700
09-11	.2	7.6	1.1	6.3		14.8	20.2	5.5	.2		24.8	876
12-14	.7	8.9	1.4	6.7		16.6	14.7	5.5			19.9	921
15-17	.3	10.5	.4	5.6		16.3	14.6	3.2	.2		17.9	903
18-20	.7	10.8	.5	5.2		15.8	14.4	.9			15.2	868
21-23	.5	9.6	.9	4.6		14.2	13.3	.9			13.8	218
TOTALS	.4	9.4	.9	5.4		15.3	16.4	3.3	.1		19.1	4486

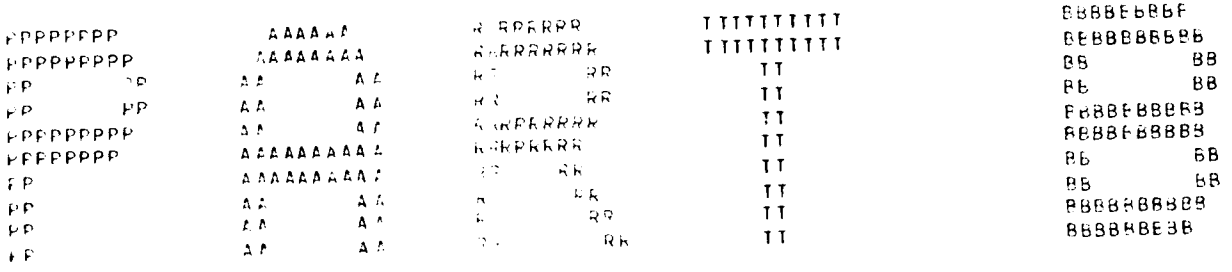
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-87
MONTH: ALL

	HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	ALL		3.4	1.0	9.7		13.8	10.1	4.1	1.2		15.3	4492
FEB		.2	6.4	1.0	10.1		16.9	14.8	6.9	.9		21.8	4092
MAR		.9	10.2	.1	4.5		14.4	14.0	5.0	.5		18.8	4550
APR		2.0	10.3		.8	.0	10.8	7.4	3.4	.2		10.5	4478
MAY		2.7	8.3				8.3	9.2	6.7			15.1	4580
JUN		3.7	6.8				6.8	6.1	8.0			13.5	4350
JUL		3.0	4.6				4.6	5.7	12.9			17.3	4510
AUG		2.4	5.2				5.2	7.7	12.6			19.5	4555
SEP		1.7	5.3				5.3	8.1	7.5			14.9	4396
OCT		1.2	9.7				9.7	12.3	3.7			15.7	4566
NOV		1.1	13.3	.4	2.1	.0	15.6	16.9	4.0	.1		20.3	4399
DEC		.4	9.4	.9	5.4		15.3	16.4	3.3	.1		19.1	4486
	TOTALS	1.6	7.7	.3	2.7	.0	10.6	10.7	6.5	.3		16.8	53454



NATIONAL CLIMATIC DATA CENTER
ASHEVILLE

NCDC STAR Probability of Occurrence of Precipitation
Daily Summary of Day Data

STATION: [illegible] STATION NO: 7.4497 STATION NAME: [illegible] PERIOD OF RECORD: 75-87

AMOUNT IN INCHES

MONTH	MEAN	MEAN	.01 TO .09	.10 TO .24	.25 TO .49	.50 TO .74	.75 TO .99	1.00 TO 1.24	1.25 TO 1.49	1.50 TO 1.99	2.00 TO 2.49	2.50 TO 2.99	3.00 TO 3.49	OVER 3.50	# DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	[illegible]	17.1	[illegible]	[illegible]	5.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	473	[illegible]	5.41	[illegible]
FEB	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	394	[illegible]	[illegible]	[illegible]
MAR	[illegible]	13.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	433	[illegible]	7.45	[illegible]
APR	[illegible]	13.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	395	[illegible]	10.95	[illegible]
MAY	[illegible]	14.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	412	[illegible]	8.95	[illegible]
JUN	[illegible]	12.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	348	[illegible]	10.37	[illegible]
JUL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	402	[illegible]	9.74	[illegible]
AUG	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	403	[illegible]	9.61	[illegible]
SEP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	395	[illegible]	9.81	[illegible]
OCT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	434	[illegible]	9.19	[illegible]
NOV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	419	[illegible]	14.98	[illegible]
DEC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	471	[illegible]	10.24	[illegible]
ANN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4991	95.45		

GLOBAL CLIMATOLOGY BRANCH
CONFLIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

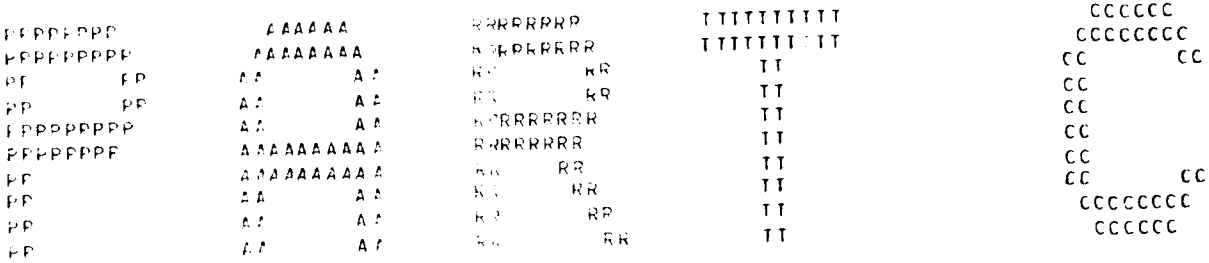
STATION NUMBER: 7.44 [illegible] STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 63-73

AMOUNT IN INCHES

MONTH	NONE	TRACE	.01	.02 TO .05	.06 TO .10	.11 TO .25	.26 TO .50	.51 TO 1.00	1.01 TO 2.50	2.51 TO 5.00	5.01 TO 10.00	10.01 TO 20.00	OVER 20.00	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	57.[illegible]	1[illegible]	[illegible]	7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]					23.[illegible]	3[illegible]	1.5[illegible]	3.36	.7[illegible]
FEB	49.[illegible]	[illegible]	[illegible]	[illegible]	4.[illegible]	6.7	4.[illegible]	3.[illegible]	1.[illegible]	.4				30.7	[illegible]	2.1[illegible]	5.01	1.[illegible]
MAR	49.7	19.[illegible]	1.9	6.1	[illegible]	[illegible]	[illegible]	2.[illegible]	[illegible]	.[illegible]				31.3	310	3.[illegible]	9.17	1.41
APR	[illegible]	15.[illegible]	[illegible]	[illegible]	[illegible]	7.3	6.7	[illegible]	4.[illegible]	.[illegible]				35.[illegible]	329	4.6[illegible]	7.29	2.3[illegible]
MAY	[illegible]	14.4	[illegible]	3.[illegible]	[illegible]	[illegible]	7.4	[illegible]	[illegible]	.[illegible]				31.[illegible]	340	4.5[illegible]	7.56	1.[illegible]
JUN	[illegible]	9.4	[illegible]	6.1	[illegible]	7.6	[illegible]	3.[illegible]	4.[illegible]	.[illegible]				[illegible]	33[illegible]	3.91	8.91	1.[illegible]
JUL	64.[illegible]	9.4	[illegible]	4.1	[illegible]	[illegible]	[illegible]	3.[illegible]	[illegible]					[illegible]	341	3.54	8.4[illegible]	.5[illegible]
AUG	6[illegible].7	11.7	1.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]	.[illegible]				[illegible]	341	[illegible]	7.64	.9[illegible]
SEP	[illegible]	9.7	1.[illegible]	[illegible]	[illegible]	7.[illegible]	[illegible]	[illegible]	[illegible]	.[illegible]	.[illegible]			[illegible]	33[illegible]	[illegible]	11.6[illegible]	.7[illegible]
OCT	[illegible]	1[illegible]	1.9	[illegible]	1.6	4.2	[illegible]	[illegible]	[illegible]					[illegible]	31[illegible]	3.51	7.77	.4[illegible]
NOV	57.[illegible]	1[illegible].4	1.7	4.[illegible]	4.7	[illegible]	[illegible]	3.[illegible]	[illegible]					[illegible]	249	[illegible]	7.0[illegible]	.73
DEC	[illegible]	14.[illegible]	[illegible]	4.[illegible]	[illegible]	4.5	[illegible]	4.[illegible]	[illegible]					31.[illegible]	3[illegible]7	[illegible]	7.92	.6[illegible]
ANN	[illegible]	13.7	[illegible]	[illegible]	[illegible]	6.1	[illegible]	4.1	[illegible]	.[illegible]	.[illegible]			[illegible]	3823	41.2[illegible]		

SEE SUPPLEMENTAL SECTION (SUMMARY OF KEY DATA) FOR THESE SUMMARIES.



'IVARIATE PERCENTAGE FREQUENCY TABULATION OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	3.7	2.5	.7								9.5	5.4
NNE	1.5	1.5	1.0									4.0	5.1
NE	.7	1.1	.5	.1								2.5	5.6
ENE	.8	1.1	.5									2.5	4.8
E	1.2	1.4	.3									2.9	4.1
ESE	.7	1.4	.3	.1								2.5	4.9
SE	.7	1.6	.4	.1								2.9	5.2
SSE	2.0	3.0	1.9	.1								7.1	5.2
S	1.0	2.7	2.3	2.7	.4							8.7	8.6
SSW	.7	1.9	1.0	.7	.1							4.0	6.3
SW	1.0	1.9	.7	.7								3.8	5.3
WSW	1.8	2.0	.4	.4								4.6	5.0
W	1.6	2.7	2.0	1.1								7.5	6.5
WNW	.3	2.5	2.9	.7	.3							6.5	8.0
NW	1.2	2.3	2.0	1.5	.1	.1						7.4	7.8
NNW	1.4	2.9	2.2	1.2	.4							8.0	7.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	15.8	//////
TOTALS	19.8	33.2	20.9	8.9	1.4	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 734

USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.[illegible]	3.1	1.4	.1	.1						9.3	7.2
NNE	1.0	2.4	1.[illegible]	.1								4.8	5.6
NE	.3	1.0	.9									2.3	5.5
ENE	.7	1.6	1.[illegible]	.1								3.4	5.4
E	1.4	1.6	.1									3.1	4.0
ESE	.[illegible]	1.6	.[illegible]									2.3	5.3
SE	.9	1.0	1.6	.1								3.6	5.8
SSE	1.9	2.7	2.7	.								7.7	6.3
S	.8	2.4	2.[illegible]	1.[illegible]	.2							7.5	8.3
SSW	1.0	1.1	2.[illegible]	.9	.1	.2						5.4	8.5
SW	.5	1.9	1.4	.5								4.2	6.9
WSW	.7	2.5	1.7	.7		.2						5.8	7.4
W	1.0	1.8	2.3	1.[illegible]		.1						7.0	8.0
WNW	.5	1.6	4.4	1.4	.1	.1						8.0	8.7
NW	.9	1.9	3.6	2.[illegible]	.6							9.2	8.9
NNW	1.9	2.5	2.[illegible]	2.3	.1							9.0	7.8
VARIABLE													
CALM												7.5	
TOTALS	15.2	30.5	31.1	13.7	1.2	.8						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 982

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

STATION NUMBER: [illegible] STATION NAME: [illegible] PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	[illegible]	2.	.								7.4	6.4
NNE	.4	[illegible]	1.0	.1								4.7	6.1
NE	.6	[illegible]	.									3.4	5.0
ENE	1.3	.3	1.1									3.2	5.0
E	1.1	1.0	.									2.4	4.0
ESE	.5	1.2	.									2.1	4.5
SE	1.0	1.3	1.0									3.3	4.8
SSE	.4	1.6	1.4	.								4.5	6.6
S	.2	1.4	3.5	2.1	.1							8.3	8.6
SSW	.7	.9	2.4	1.4	.3	.3	.1					6.1	10.4
SW	.3	.9	1.	.	.1							4.0	8.4
WSW	.2	2.2	1.7	1.1								5.8	7.4
W	1.2	2.	3.0	2.	.5							10.2	8.7
WNW	.2	2.7	3.	1.	.3							8.6	8.7
NW	.4	2.4	4.1	2.7	.2							9.9	9.2
NNW	.7	[illegible]	3.	3.	.5							10.2	9.6
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	3.1	3.7	1.[illegible]	.1							9.8	6.8
NNE	1.2	2.6	.9	.1								4.8	5.0
NE	.7	2.0	.3									3.0	4.4
ENE	1.1	.7	.[illegible]									2.6	4.6
E	.6	1.6	.2									2.3	4.9
ESE	.6	.8	.[illegible]									1.7	4.4
SE	.9	.[illegible]	1.[illegible]	.1								2.8	5.4
SSE	.7	2.[illegible]	1.[illegible]	.1								4.7	6.3
S	1.1	2.1	3.6	1.[illegible]	.2	.1						8.3	8.1
SSW	.7	1.7	2.[illegible]	1.[illegible]	.1							6.3	8.2
SW	.7	.9	1.[illegible]	.4								3.8	7.0
WSW	.6	1.[illegible]	2.1	.7								5.1	7.3
W	.9	3.1	4.1	2.[illegible]	.2	.1						10.4	8.4
WNW	.4	2.9	3.7	2.[illegible]								9.2	8.5
NW	.6	1.9	2.[illegible]	1.[illegible]	.1							7.2	8.6
NNW	1.1	3.[illegible]	3.4	2.[illegible]	.6	.1						11.0	8.5
VARIABLE													
CALM	////////////

USAFETAC
AIR WEATHER SERVICE/MAC

FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	3.7	2.6	.1								9.1	5.3
NNE	1.6	1.3	.8	.1								3.9	4.6
NE	1.4	1.1	.6	.1								3.2	4.5
ENE	1.5	.7	.7									2.9	4.2
E	1.2	1.1	.4									2.8	4.5
ESE		1.2	.5									1.6	5.6
SE	1.2	1.2	.9	.1								3.4	5.0
SSE	1.8	2.1	2.5	.4								6.7	5.6
S	2.1	3.2	3.9	1.2	.2							10.4	7.0
SSW	.8	1.9	1.2	.1								3.7	6.0
SW	1.2	1.6	.2	.1								3.2	4.4
WSW	1.3	2.6	1.8									5.7	5.2
W	1.5	2.9	3.4	1.1								9.0	7.0
WNW	1.4	2.8	1.7	.1								6.0	5.9
NW	1.5	.9	2.6	1.1		.4						6.5	8.2
NNW	1.8	2.7	2.4	.7	.1							7.7	6.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	14.4	//////
TOTALS	23.1	35.9	25.1	5.7	.4	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 78-82,85-87
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.9	[illegible]	3.4	1.[illegible]								11.1	5.7
NNE	1.0	1.4	1.4									3.9	5.3
NE	1.0	1.4										2.4	4.4
ENE	1.0	.[illegible]	.[illegible]									1.9	4.0
E	.5	1.9										2.4	4.2
ESE		1.4	1.0									2.4	6.6
SE	1.0	1.0	.[illegible]	.5								2.9	5.8
SSE	.5	[illegible].9	3.4	.[illegible]								7.2	7.1
S	1.4	4.3	1.4	.[illegible]								7.7	5.3
SSW	1.0	1.0	1.4		.5							3.9	7.3
SW	.5	.[illegible]	1.[illegible]									2.9	6.8
WSW	1.4	3.4	1.[illegible]	.5								6.3	5.3
W	1.4	3.4	1.[illegible]	1.4								8.2	6.7
WNW	1.9	1.9	1.4	1.[illegible]								6.3	6.0
NW	1.0	3.4	1.0	1.4	.5	.5						7.7	8.7
NNW	1.9	1.4	2.4	1.0								6.8	6.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	15.9	//////
TOTALS	19.3	32.9	22.7	7.7	1.0	.5						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 207

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.2	3.1	3.0	.7	.0	.0						9.1	6.2
NNE	1.1	2.0	1.1	.1								4.4	5.3
NE	.8	1.4	.6	.0								2.8	4.9
ENE	1.1	1.0	.8	.0								2.9	4.8
E	1.0	1.3	.3									2.7	4.3
ESE	.4	1.2	.4	.0								2.0	5.0
SE	.9	1.2	1.0	.1								3.2	5.3
SSE	1.3	2.3	2.0	.3								6.1	6.1
S	1.2	2.4	3.0	1.7	.2	.0						8.6	7.9
SSW	.8	1.4	1.8	.9	.2	.1	.0					5.1	8.2
SW	.7	1.4	1.2	.4	.0							3.8	6.6
WSW	1.0	2.3	1.5	.6		.0						5.5	6.5
W	1.2	2.6	3.1	1.7	.2	.0						8.9	7.8
WNW	.6	2.5	3.1	1.7	.1	.0						7.7	8.0
NW	.9	2.4	3.0	1.6	.2	.1						8.1	8.6
NNW	1.4	2.8	2.6	2.0	.2	.0						9.1	8.1
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	[illegible]	2.[illegible]	.7	.3							8.9	6.5
NNE	.7	1.2	.[illegible]	.1								2.9	5.8
NE	.6	.6	.4									1.6	4.8
ENE	1.[illegible]	1.3	.[illegible]	.1								3.1	5.2
E	1.6	1.[illegible]	.[illegible]									3.4	4.1
ESE	1.3	.[illegible]										2.2	3.2
SE	1.8	3.[illegible]	.[illegible]	.[illegible]								6.5	4.8
SSE	1.[illegible]	[illegible].[illegible]	3.[illegible]	1.[illegible]								14.5	5.8
S	2.[illegible]	4.[illegible]	3.7	.[illegible]								10.9	5.9
SSW	.4	1.[illegible]	.[illegible]									2.8	5.5
SW	.[illegible]	.[illegible]	.1									1.3	4.8
WSW	1.2	3.4										4.5	4.1
W	1.6	1.[illegible]	.[illegible]	.[illegible]	.1							4.7	5.8
WNW	.9	[illegible].1	2.[illegible]	.4								5.9	6.9
NW	.4	.[illegible]	1.[illegible]	.[illegible]	.1							3.8	8.3
NNW	.6	2.1	2.[illegible]	1.[illegible]	.1	.1						6.6	8.6
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	2.2	3.0	1.0	.6							7.9	6.0
NNE	1.5	1.5	2.2	.1								5.3	5.6
NE	.9	.9	.6									2.4	4.5
ENE	1.5	1.1	.1	.4								3.1	4.4
E	.9	2.1	.6	.4								4.1	5.6
ESE	.6	.5	.1									1.2	3.8
SE	1.0	2.9	1.1	.4								5.3	5.8
SSE	1.0	4.6	4.0	.3								10.4	6.8
S	1.1	3.3	4.0	2.6	.1							11.2	8.0
SSW		2.4	1.7	1.2								5.3	8.3
SW	1.0	1.4	1.1	.2								3.7	5.8
WSW	.9	3.1	1.6	.4								5.9	5.8
W	.7	1.4	1.5	.6								4.2	7.3
WNW	.5	2.1	1.7	.7	.1							5.2	7.6
NW	.7	1.6	2.6	2.1	.1							7.6	8.9
NNW	.6	3.0	2.7	2.1	.4	.1						8.8	8.6
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.3	//////
TOTALS	14.0	34.3	28.7	13.5	1.4	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	2.3	3.2	1.3								8.0	7.6
NNE	1.3	2.3	1.8	.5								5.8	5.9
NE	.8	1.4	.8	.1								3.2	5.5
ENE	.7	1.1	.9	.5								2.7	6.4
E	.2	1.3	.7	.4								2.6	6.7
ESE	.4	.4	.7	.2								1.7	6.8
SE	.5	1.2	1.1	.4								3.1	6.7
SSE	1.0	2.1	1.9	.8								5.8	6.8
S	.6	2.1	4.5	2.1		.1						9.5	8.8
SSW	1.1	1.9	3.4	2.9	.2							9.4	8.9
SW	.8	1.7	1.7	1.3	.2	.1						5.2	8.2
WSW	1.3	1.8	2.1	1.1								6.3	7.0
W	.7	1.5	2.3	.9								5.4	7.5
WNW	.7	1.7	3.1	1.7	.1							6.9	8.6
NW	1.1	1.3	2.7	2.4	.7	.1						8.3	9.7
NNW	1.0	1.0	1.9	2.4	.5							7.7	8.9
VARIABLE													
CALM	//////////											8.3	//////
TOTALS	13.3	25.2	32.8	18.4	1.8	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 841

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.3	4.2	1.6	.1							10.0	7.4
NNE	2.7	2.6	1.7	.2								7.2	5.0
NE	1.3	1.2	.7	.4								3.7	5.2
ENE	.9	1.6	.6	.6								3.7	6.2
E	1.0	.6	.5									2.1	4.4
ESE	.5	1.7	.4	.2								2.8	5.4
SE	.6	2.1	.7	.5								3.9	6.2
SSE	.6	1.8	3.1	.9								6.3	7.6
S	.9	2.9	4.5	2.2	.1							11.0	8.0
SSW	.5	2.6	2.2	.6		.1						6.0	7.3
SW	.1	1.3	1.0	.5								2.9	7.4
WSW	.4	2.1	2.2	1.2	.1							6.1	8.2
W	.7	2.2	1.1	1.2								5.3	7.0
WNW	1.0	2.2	2.6	2.1	.4							8.3	8.4
NW	.9	1.2	2.0	2.0	.1							6.1	8.9
NNW	1.0	2.4	3.1	1.2	.2							8.5	8.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.1	//////
TOTALS	14.8	31.3	30.2	16.1	1.1	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	4.3	2.2	1.0								9.3	6.0
NNE	1.0	2.1	.5	.4								4.3	5.5
NE	2.6	1.7	.5	1.2								6.0	5.5
ENE	1.4	1.3	.5	.1								3.4	4.6
E	1.7	.9	.4									3.0	3.7
ESE	.3	.9	.2									1.4	4.8
SE	.9	2.2	1.2									4.4	5.3
SSE	1.7	4.9	1.6	.2	.1							8.6	5.4
S	3.2	4.5	4.0	1.8								13.6	6.3
SSW	1.4	.9	.4	.1	.1							3.4	5.5
SW	.9	.8	.1	.1								1.9	4.1
WSW	.6	.8	.2	.4								2.6	6.7
W	1.2	1.9	1.2	.3	.1							4.7	6.1
WNW	1.0	2.1	1.1	.5								4.8	6.3
NW	1.3	1.4	2.1	1.3	.1							6.2	7.7
NNW	1.0	2.9	1.4	.9	.3							6.7	7.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	15.7	//////
TOTALS	22.2	33.6	19.5	8.3	.8							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 78-81,85-87
MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	2.9	4.1									8.7	6.3
NNE	1.2	1.2	.6	.6								3.5	5.8
NE		1.7	1.2	1.2								4.1	9.3
ENE	2.9	1.7	.6									5.2	3.9
E	1.2	1.7	.6	.6								4.1	5.4
ESE	1.2	1.2										2.3	3.3
SE	1.2	.6	1.2									2.9	4.8
SSE	2.9	5.2	1.7									9.9	4.8
S	1.2	5.8	3.5	4.7								15.1	8.0
SSW	1.2	.6										1.7	3.7
SW	1.2	1.2										2.3	4.0
WSW		.6	1.2									1.7	6.7
W	1.2	2.9	1.7	.6								6.4	6.4
WNW	1.2	.6	1.7									3.5	6.3
NW	.6	1.2	1.7	.6								4.1	7.3
NNW	1.7	2.9	2.3	1.2	.6							8.7	7.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	15.7	//////
TOTALS	20.3	32.0	22.1	9.3	.6							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 172

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	2.7	3.2	1.1	.2							8.8	7.1
NNE	1.5	1.9	1.[illegible]	.[illegible]								5.1	5.5
NE	1.2	1.2	.7	.4								3.4	5.4
ENE	1.2	1.3	.5	.[illegible]								3.3	5.3
E	1.1	1.3	.5	.3								3.1	5.0
ESE	.6	.9	.[illegible]	.1								1.9	4.8
SE	.9	2.3	1.[illegible]	.[illegible]								4.5	5.6
SSE	1.2	4.[illegible]	2.7	.7	.0							9.0	6.3
S	1.6	3.[illegible]	4.[illegible]	2.[illegible]	.0	.0						11.4	7.4
SSW	.7	1.8	1.[illegible]	1.[illegible]	.1	.0						5.4	7.7
SW	.7	1.1	.[illegible]	.4	.0	.0						3.1	6.6
WSW	.8	[illegible].1	1.4	.[illegible]	.0							5.0	6.5
W	1.0	1.8	1.4	.7	.0							4.9	6.8
WNW	.8	1.[illegible]	2.[illegible]	1.1	.1							6.1	7.7
NW	.9	1.[illegible]	2.[illegible]	1.[illegible]	.2	.0						6.4	8.8
NNW	.9	[illegible].[illegible]	2.[illegible]	1.7	.3	.0						7.8	8.3
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	1.4	2.1	.9								5.9	6.5
NNE	.6	.7	1.3	.4								3.2	6.8
NE	.7	.6	.7	.1								1.9	5.1
ENE	1.1	2.9	.9	.3								5.2	5.4
E	1.3	2.4	.8									4.9	4.8
ESE	.3	1.7	.9	.5								3.1	6.6
SE	.9	3.2	1.9	.3								6.3	6.2
SSE	1.7	4.7	4.9	1.1								12.4	6.9
S	1.3	2.5	4.3	3.7	.5							12.2	8.9
SSW	.4	1.3	.3	1.9	.4							3.9	9.3
SW	.3	.8	1.1	1.1								3.2	8.8
WSW	.3	1.3	.9									2.5	6.2
W	.9	2.0	1.1	.7	.1							4.8	6.9
WNW	.5	1.9	2.0	.7	.1							4.8	7.5
NW	.7	1.1	3.9	1.1								6.4	8.1
NNW	.9	1.1	3.2	1.3								6.4	6.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	12.8	//////
TOTALS	13.5	33.1	28.3	14.0	1.2							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 748

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO — PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	2.0	3.4	.7								7.0	7.4
NNE	1.1	1.2	.5	.7								4.5	5.4
NE	.7	1.7	1.0									3.4	5.5
ENE	1.2	2.1	1.5	.1								4.9	5.5
E	1.6	1.5	1.0	.1								4.1	5.0
ESE	1.0	1.0	.6	.3								2.9	5.9
SE	.4	2.3	2.0	1.7								6.4	8.0
SSE	.8	1.7	2.0	1.3								7.8	7.8
S	1.2	1.5	3.5	3.9	.3	.1						10.4	9.7
SSW	.2	.5	1.9	4.1	.7	.2						7.8	12.0
SW	.1	1.2	1.1	2.3	.6							5.0	10.6
WSW	.6	1.2	1.3	1.7	.8							5.3	9.8
W	.6	1.5	2.1	2.3	.1							6.3	9.1
WNW	.4	.7	2.1	.9								3.8	8.9
NW	.7	1.1	3.4	1.3								6.5	8.8
NNW	.3	2.0	4.1	2.1	.1							8.9	8.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.0	//////
TOTALS	11.4	25.4	32.4	22.9	2.6	.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 875

USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	1.9	2.7	1.4								7.0	7.5
NNE	.9	1.2	1.1	.4								4.0	6.3
NE	1.2	1.7	.9	.2								4.0	5.2
ENE	1.5	1.6	.8	.1								4.2	4.6
E	.9	1.1	1.1	.1								3.2	6.3
ESE		1.1	1.0	.4								2.5	7.5
SE	1.1	1.6	1.7	1.								5.0	7.2
SSE	.3	1.3	2.9	1.7	.1	.1						6.0	9.1
S	.2	.6	1.9	4.2	1.1							8.5	12.6
SSW	.2	.6	1.6	3.4	1.0	.1						7.5	12.1
SW	.4	1.4	1.3	1.4	.3	.3						5.6	10.3
WSW	.5	1.1	2.4	1.4	.5							6.4	9.7
W	.3	1.2	2.1	3.2	.6							7.6	10.7
WNW	.1	.3	2.2	1.4	.4	.1						5.3	10.5
NW	.2	1.4	3.7	2.4	.1							7.8	9.5
NNW	.5	1.8	4.1	2.1								10.4	8.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.1	//////
TOTALS	9.8	22.7	30.9	27.1	4.2	.6						100.0	8.6

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: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 7A-87
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	3.2	3.8	1.1	.1							8.7	7.9
NNE	.8	2.0	1.4		.1							4.3	5.9
NE	.8	2.5	.8									4.3	5.2
ENE	1.1	1.6	.2									2.9	4.2
E	.9	1.4	1.0	.1								3.5	5.6
ESE	.7	.9	.7	.2	.1							3.0	7.1
SE	.2	1.7	1.1	.8	.1							3.9	7.9
SSE	.3	1.7	2.9	1.1	.2							6.1	8.7
S	.3	1.0	2.9	4.	.9	.2						9.1	11.6
SSW	.4	1.2	1.8	3.	.8							7.7	11.1
SW	.1	.7	1.4	1.2	.7							4.1	11.2
WSW		.8	1.6	.9	.3	.1						3.7	10.3
W	.2	1.7	3.2	2.1	.7							7.6	10.2
WNW	.1	1.3	3.6	1.2	.3							6.2	9.6
NW	.7	1.7	3.9	1.3	.1							7.6	8.2
NNW	.8	2.7	5.5	3.	.1							12.3	8.5
VARIABLE													
CALM	//////////////

USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	2.7	2.5	.8								9.3	5.8
NNE	.9	3.4	1.0									5.3	5.0
NE	.9	2.5	.8									4.2	4.8
ENE	2.2	2.4	.3	.2								5.1	4.4
E	.6	1.2	.3	.5	.1							2.6	6.9
ESE	.3	.8	.7	.2								2.0	6.5
SE	1.1	2.3	1.5	.7	.3							5.9	7.2
SSE	.6	3.5	2.5	1.6								8.2	7.5
S	1.6	2.8	3.4	2.5	.2							10.5	8.3
SSW	.9	1.2	1.6	1.3	.1							4.9	7.2
SW	.7	.5	.5	.1								1.9	6.5
WSW	.5	1.1	.7	.1								2.4	5.9
W	.8	.7	2.4	.3		.1						4.3	7.4
WNW	.6	1.6	1.8	.9	.1							5.0	7.7
NW	1.2	1.8	1.2	.1	.3							5.4	7.1
NNW	2.0	3.9	3.1	1.4								10.3	6.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	12.7	//////
TOTALS	18.1	35.4	24.2	11.2	1.2	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 864

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO — PERIOD OF RECORD: 78-81,85-87
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	1.5	2.0	.5								6.5	5.5
NNE	2.0	1.0	1.0									4.0	4.5
NE	1.0	2.5	.5									4.0	4.8
ENE	1.0	2.5										3.5	4.0
E	1.0	2.0	1.5	1.0								5.5	6.4
ESE	.5	.5	1.0									2.0	6.5
SE	1.0	2.5	2.0	.5								6.0	6.3
SSE	1.0	2.0	5.0	1.0								9.0	7.4
S	1.0	2.5	4.0	3.5	1.0							11.9	9.5
SSW	1.0	1.0	2.0	.5	1.5							6.0	10.5
SW	.5	1.0	.5									2.0	5.8
WSW	2.0	.5										2.5	2.4
W		2.0	1.0	.5								3.5	6.3
WNW	.5	.5	1.0	.5								2.5	7.6
NW	1.5	2.0	.5	1.5								5.5	6.8
NNW	2.0	2.0	3.5									7.5	6.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	18.4	//////
TOTALS	18.4	25.9	25.4	9.5	2.5							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 201

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	2.3	2.9	1.0	.0							7.6	7.0
NNE	.9	2.0	1.1	.2	.0							4.3	5.7
NE	.9	2.0	.7	.1								3.6	5.1
ENE	1.5	2.1	.7	.1								4.4	4.8
E	1.0	1.6	.9	.2	.0							3.7	5.7
ESE	.5	1.1	.7	.4	.0							2.7	6.7
SE	.8	2.2	1.5	.9	.1							5.5	7.2
SSE	.7	1.7	3.1	1.4	.1	.0						8.0	7.8
S	.9	1.7	3.2	3.7	.6	.1						10.2	10.1
SSW	.5	1.0	1.5	2.7	.6	.1						6.4	10.8
SW	.3	.9	1.1	1.4	.3	.1						3.9	9.9
WSW	.4	1.1	1.2	.8	.3	.0						4.0	8.9
W	.5	1.4	2.2	1.6	.3	.0						6.0	9.2
WNW	.4	1.0	2.4	1.0	.2	.0						4.9	8.9
NW	.7	1.5	3.0	1.5	.1							6.7	8.4
NNW	1.0	2.7	3.5	2.1	.0							9.7	8.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	8.4	//////
TOTALS	12.4	27.1	30.0	19.1	2.8	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 4550

USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	3.0	2.2	.4	.1							6.4	6.6
NNE	.5	1.4	.8									2.7	5.1
NE	.4	.7	1.2	.1								2.4	6.5
ENE	.7	1.3	.1									2.1	4.4
E	1.4	2.0	2.0									5.4	5.2
ESE	.8	2.1	1.8	.1								4.8	5.9
SE	.9	2.7	2.9	.1								6.7	6.0
SSE	2.1	5.6	3.5	1.5								12.8	6.4
S	1.3	4.6	3.4	2.4								11.6	7.3
SSW	.4	1.7	2.9	1.2	.1							6.3	8.1
SW	.7	1.3	1.3	1.1								4.3	7.9
WSW	.7	2.2	2.1	1.0								6.0	7.3
W	2.1	2.7	1.4	1.7	.4							8.4	7.3
WNW	.5	.4	2.0	1.7	.5							4.7	10.0
NW	.3	.7	1.8	.9	.1							3.8	8.7
NNW	.3	1.4	2.0	.9	.4							5.0	8.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.7	//////
TOTALS	13.6	33.9	31.4	12.8	1.7							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.9	3.8	1.1								7.7	7.8
NNE	1.5	.8	1.6	.2								4.1	6.0
NE	.5	1.6	1.1	.1								3.3	5.8
ENE	.7	1.4	.2									2.3	4.4
E	.9	2.1	1.9	.1								5.1	6.0
ESE	.7	1.2	1.9	.6								4.4	7.2
SE	.3	1.7	2.4	.7								4.7	7.2
SSE	.3	2.5	4.5	2.9		.1						10.4	8.9
S	.3	.1	3.5	4.1	.6							8.6	11.3
SSW	.3	.5	3.4	2.7	.3	.1						7.3	10.7
SW	.5	1.2	.9	1.9	.2							4.7	9.5
WSW	.3	.8	2.2	2.8	.9	.1						6.8	11.3
W	.3	.9	2.9	3.5	.8							8.5	10.9
WNW	.5	.5	2.3	2.7	.1	.1	.1					6.2	10.8
NW	.1	.7	2.4	2.7	.1	.1						5.6	10.4
NNW	.1	1.5	3.4	2.6	.1	.1						8.0	9.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.4	//////
TOTALS	9.1	19.3	38.3	28.9	3.2	.7	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 886

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO — PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	1.2	2.7	1.3								6.6	7.7
NNE	.6	2.3	.9	1.0								4.8	7.1
NE	.6	1.0	1.2	.2								3.0	6.5
ENE	.9	1.6	.9									3.3	4.9
E	1.2	2.1	1.1									4.5	4.9
ESE	.6	1.2	1.4	.1								3.5	6.3
SE	.6	1.7	1.5	.2								3.9	6.3
SSE	.7	.9	2.3	2.1	.3							6.4	9.6
S	.3	1.6	3.8	5.6	1.1	.1						12.5	11.2
SSW	.1	1.0	3.2	2.3	.4	.1						7.9	10.7
SW	.3	1.0	2.0	2.3	.4							6.7	10.8
WSW	.3	.7	1.7	2.2	.9	.2						6.0	11.6
W	.7	1.6	2.6	2.3	1.0	.3						9.0	11.0
WNW	.2	.4	2.6	3.2	.6	.1						7.1	11.5
NW	.3	.6	2.1	2.3	.3							6.2	10.7
NNW	.7	1.2	2.2	2.1	.6							6.8	9.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	1.7	//////
TOTALS	9.4	20.1	32.5	29.4	5.7	.9						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 896

STATION NUMBER: 72445? STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	1.7	3.1	.3								6.1	7.6
NNE	.9	2.4	1.4	.1								4.7	6.0
NE	1.1	1.9	.7	.1								3.4	5.1
ENE	.9	1.4	.7									3.0	4.9
E	.8	1.7	1.1	.3								4.0	6.0
ESE	.7	1.4	.5									2.5	5.0
SE	.8	1.8	1.1	.5								4.2	6.1
SSE	.7	1.3	2.3	2.1								6.2	8.9
S	.3	1.6	5.0	5.3	.8		.1					13.6	11.0
SSW	.3	.7	3.5	3.1	1.0							8.6	11.2
SW	.5	.9	1.6	1.9	.1							5.0	9.7
WSW	.5	.6	1.4	1.8	.5	.2						4.9	10.9
W	.2	1.4	2.7	2.6	.6	.3						7.8	11.0
WNW	.1	1.2	3.1	2.6	.8							7.8	10.7
NW	.2	1.1	2.6	2.5	.2							6.7	10.3
NNW	.5	1.6	2.5	3.3	.5							8.0	10.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.4	//////
TOTALS	9.0	22.2	33.2	27.3	4.4	.6	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 860

AIR WEATHER SERVICE/MAC — HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO — PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	2.0	2.2	1.1								8.2	6.1
NNE	1.2	1.1	.7	.1	.1							3.2	5.5
NE	1.3	2.2	.7									4.3	4.8
ENE	1.4	2.6	.7	.1								4.7	4.8
E	1.6	2.1	1.3	.1								5.1	5.0
ESE	.8	.5	.5									1.8	4.4
SE	.9	1.3	.8	.6								3.6	6.4
SSE	.9	2.9	3.2	1.3	.2	.1						9.6	7.3
S	.8	4.2	4.4	2.7	.5	.1						12.6	8.4
SSW	.5	1.8	2.8	1.6	.1							6.8	8.6
SW	.7	1.2	1.2	.6	.1	.1						4.0	7.6
WSW	.6	1.1	.8	.4								2.9	6.6
W	1.3	2.0	1.2	.4	.2							5.0	6.4
WNW	.6	1.3	2.5	1.8	.2							6.3	9.1
NW	.5	1.5	2.7	.9	.1							5.6	8.0
NNW	1.3	2.2	1.2	.9	.2							5.8	6.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	10.5	//////
TOTALS	16.2	31.8	26.9	12.4	1.9	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 856

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO — PERIOD OF RECORD: 77-81,85-86
MONTH: APR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	1.5	2.1	1.0								6.7	6.1
NNE	.5	.5	1.0	.5								2.6	7.6
NE		2.1										2.1	4.5
ENE		.5	1.0									1.5	8.0
E	3.6	2.1	2.6									8.2	4.6
ESE	.5			.5								1.0	7.5
SE	1.0	2.6		.5								4.1	5.1
SSE	2.6	3.6	2.6	1.0								9.7	6.1
S	3.1	6.2	4.6	4.1	.5							18.5	7.5
SSW	2.1	2.6	2.6	1.0								8.2	6.6
SW		1.0	1.0	.5								2.6	8.6
WSW	1.5	.5	.5									2.6	4.6
W	1.0	2.1		.5								3.6	4.9
WNW	1.5	.5			.5							2.6	6.0
NW	.5	.5	1.0	1.0								3.1	9.8
NNW	1.5	1.0	1.5	.5								4.6	6.2
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	2.1	2.8	1.1	.0							7.0	7.1
NNE	.9	1.6	1.1	.7	.0							3.9	6.1
NE	.7	1.4	1.0	.1								3.2	5.6
ENE	.9	1.6	.5	.0								3.0	4.8
E	1.3	2.0	1.5	.1								4.9	5.4
ESE	.7	1.2	1.2	.2								3.3	6.0
SE	.7	1.9	1.6	.4								4.6	6.3
SSE	1.0	2.6	3.1	2.0	.1	.0						9.0	7.9
S	.7	2.5	4.1	4.1	.6	.0	.0					12.1	9.7
SSW	.4	1.2	3.2	2.3	.4	.0						7.5	9.9
SW	.5	1.1	1.4	1.7	.2	.0						4.9	9.3
WSW	.5	1.0	1.5	1.6	.4	.1						5.2	9.9
W	.9	1.7	2.1	2.2	.6	.1						7.6	9.6
WNW	.4	.8	2.4	2.3	.4	.0	.0					6.3	10.4
NW	.3	.9	2.3	1.9	.2	.0						5.5	9.8
NNW	.6	1.6	2.2	1.8	.3	.0						6.7	9.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.4	//////
TOTALS	11.6	25.2	32.0	21.9	3.3	.5	.0					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 4478

AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	[illegible]	.	[illegible]								4.4	5.2
NNE	.9	.9	[illegible]									2.8	5.0
NE	.6	.9	[illegible]									2.1	4.9
ENE	.9	1.5	.6									3.0	4.8
E	1.6	2.7	[illegible]	.1								4.5	4.6
ESE	2.1	1.7	[illegible]									4.3	3.9
SE	2.7	3.4	[illegible]	.1								6.6	4.3
SSE	5.0	6.5	3.7	[illegible]								15.0	5.0
S	3.7	4.6	3.[illegible]	1.[illegible]	.2							14.1	6.3
SSW	1.2	1.5	2.1	.[illegible]	.1							5.5	7.1
SW	.5	1.2	1.[illegible]	.1								3.0	6.1
WSW	1.6	2.0	1.[illegible]	.[illegible]								5.1	5.2
W	1.5	2.9	1.[illegible]	.[illegible]								6.4	5.7
WNW	1.7	.9	1.[illegible]	.2								3.4	5.7
NW	.8	.[illegible]	.[illegible]	.[illegible]	.2	.1						2.4	8.1
NNW	.5	1.7	.[illegible]	.[illegible]								2.9	6.0
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.4	2.0	.5								4.7	6.7
NNE	.4	1.8	1.?	.1								3.5	6.2
NE	.9	1.6	.5									3.4	5.3
ENE	.9	?.?	.4									4.0	5.2
E	1.1	?.4	1.?	.1								5.0	5.3
ESE	1.6	1.?	.5									3.4	4.1
SE	1.2	?.?	1.?									5.5	5.0
SSE	1.8	3.?	1.?	.?								7.2	5.6
S	1.4	3.3	5.5	3.?	.2							13.6	8.5
SSW	.5	1.?	4.?	3.?	.3	.2						10.3	9.5
SW	.9	1.3	1.?	1.?	.?	.1						6.0	8.9
WSW	.9	1.?	1.?	1.1								5.5	7.2
W	1.9	1.?	2.4	.?								6.8	6.5
WNW	.8	1.?	?.?	.7	.1							5.0	7.3
NW	.8	1.?	?.?	.?		.2						5.9	7.8
NNW	.?	1.?	1.?	.		.1						4.4	7.8
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	2.7	1.[illegible]	.								5.9	6.[illegible]
NNE	.[illegible]	2.[illegible]	1.7	.[illegible]								5.0	6.1
NE	1.[illegible]	1.[illegible]	1.[illegible]									4.6	5.1
ENE	.9	1.[illegible]	.[illegible]	.1								2.9	5.[illegible]
E	1.7	1.[illegible]	1.[illegible]									4.5	5.2
ESE	1.[illegible]	1.[illegible]	.[illegible]	.1								3.7	4.4
SE	.9	1.[illegible]	1.	.								4.2	5.9
SSE	1.[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]	.1							5.9	6.3
S	1.2	3.[illegible]	5.[illegible]	[illegible].	.[illegible]	.1						13.[illegible]	9.1
SSW	.2	2.[illegible]	5.[illegible]	[illegible].7	.[illegible]	.1						12.2	9.5
SW	.3	1.1	2.[illegible]	1.[illegible]	.[illegible]							6.0	9.3
WSW	.9	1.[illegible]	1.[illegible]	1.	.[illegible]							4.6	8.1
W	.6	1.[illegible]	2.[illegible]	1.								5.6	8.3
WNW	.3	1.4	1.7	.	.1							4.1	7.9
NW	.6	1.[illegible]	[illegible].[illegible]	1.	.1	.2						6.8	8.7
NNW	.5	[illegible].5	1.7	1.1	.1							5.9	7.7
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	3.1	3.8	.9								8.2	6.6
NNE	.7	2.4	1.1									4.2	5.5
NE	1.4	2.2	1.2									4.7	4.5
ENE	1.3	2.4	1.3									5.0	5.0
E	2.2	2.2	.4	.1								5.0	4.2
ESE	.6	1.6	.8									2.9	5.6
SE	1.2	1.4	1.1	.2								4.0	5.5
SSE	.6	2.0	1.4	.9								4.9	7.2
S	1.2	3.7	6.5	2.3	.2	.2						14.2	8.3
SSW	.4	2.4	6.0	2.1	.7	.4						12.1	9.7
SW	.4	1.1	1.4	.7	.1							3.9	8.0
WSW	.6	1.1	1.8	.8								4.3	8.0
W	.8	1.9	2.3	1.3	.1							6.3	8.1
WNW	.6	1.3	1.7	.4	.1							4.1	7.1
NW	.6	1.6	1.6	1.1	.3							5.1	8.6
NNW	1.1	2.6	2.7	1.1		.1						7.5	7.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.6	//////
TOTALS	15.0	33.0	34.3	12.0	1.6	.8						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	2.7	1.7									7.2	4.9
NNE	1.2	1.2	.1									2.6	3.6
NE	3.2	1.5	.4									5.1	3.4
ENE	2.5	2.1	.2									4.8	3.7
E	1.9	1.6	.7									4.2	4.3
ESE	1.9	1.2	.2									3.3	3.5
SE	2.6	1.1	.5	.2								4.5	4.3
SSE	2.6	2.5	2.1	.2								7.4	5.3
S	2.4	7.6	4.6	1.4	.4							16.2	6.5
SSW	.7	2.1	1.5	.7	.2							5.3	7.5
SW	.5	.5	.1	.6								1.7	7.1
WSW	.5	1.2	1.1	.2								3.0	6.0
W	1.0	1.4	.9	.4								3.6	6.0
WNW	.5	.7	.5	.1								2.0	5.8
NW	1.0	.5	1.0	.1	.1							3.1	7.3
NNW	1.0	1.6	1.9									4.5	5.9
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-81,86
MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	1.2	.6									3.6	3.8
NNE	2.4											2.4	2.0
NE	.6		.6									1.2	5.0
ENE	2.4	3.6	.6									6.5	4.1
E	1.8	2.4		.6								4.8	4.4
ESE	1.8	2.4	1.8									6.0	4.7
SE	3.0	.6										3.6	3.0
SSE	5.4	3.6										8.9	3.6
S	4.2	8.3	3.6	1.8								17.9	5.8
SSW	1.2	.6	.6	.6								3.0	6.2
SW		.6										.6	6.0
WSW	.6	1.2	1.2									3.0	5.4
W	.6	.6										1.2	3.0
WNW		.6		.6								1.2	10.5
NW		.6										.6	4.0
NNW		1.8	.6									2.4	6.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	2.3	1.9	.4								6.0	6.0
NNE	.9	1.7	1.0	.1								3.6	5.4
NE	1.5	1.[illegible]	.[illegible]									3.9	4.6
ENE	1.3	2.[illegible]	.7	.[illegible]								4.0	4.7
E	1.7	2.1	.[illegible]	.1								4.7	4.7
ESE	1.5	1.[illegible]	.[illegible]	.[illegible]								3.6	4.3
SE	1.7	2.2	.9	.2								4.9	4.9
SSE	2.2	3.[illegible]	1.9	.4	.0							8.1	5.6
S	2.0	4.5	5.1	2.4	.3	.1						14.4	7.6
SSW	.6	2.1	3.[illegible]	2.[illegible]	.3	.2						9.0	9.0
SW	.5	1.[illegible]	1.4	.[illegible]	.2	.0						4.1	8.3
WSW	.9	1.5	1.4	.7	.0							4.5	6.9
W	1.1	1.7	1.[illegible]	.[illegible]	.0							5.7	7.0
WNW	.6	1.[illegible]	1.4	.4	.1							3.7	7.0
NW	.7	1.3	1.[illegible]	.[illegible]	.2	.1						4.6	8.2
NNW	.7	2.[illegible]	1.7	.[illegible]	.0	.0						5.0	7.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	10.5	//////
TOTALS	19.3	32.[illegible]	26.[illegible]	10.[illegible]	1.0	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 4560

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	2.1	1.2									4.5	5.1
NNE	.6	1.2	.4									2.1	4.5
NE	.5	1.2	.2									1.9	4.4
ENE	.8	.4	.2									1.4	3.6
E	1.1	.8	.6									2.5	4.3
ESE	1.6	1.2	.1									2.9	3.3
SE	2.4	2.4										4.8	3.4
SSE	5.1	5.5	1.3									11.9	4.1
S	4.8	7.4	3.7	.7								16.6	5.1
SSW	1.6	4.2	3.7	1.4								10.9	6.8
SW	2.4	1.9	1.2	.7								6.2	5.6
WSW	2.1	2.1	.6	.2								5.0	4.4
W	1.7	2.1	.4									4.2	4.1
WNW	1.1	1.3	.2									2.6	4.0
NW	.6	1.4	.5	.1								2.6	5.1
NNW	.8	1.2	.2	.1								2.4	4.7
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	2.3	1.0	.2								4.5	5.5
NNE	.5	1.7	.7									2.8	5.2
NE	1.1	1.1	.3									2.6	4.0
ENE	1.1	.9	.3									2.4	4.0
E	2.2	1.4	.5									4.0	3.9
ESE	1.0	1.6	.5									3.1	4.1
SE	1.5	.8	.7									3.0	4.4
SSE	1.8	4.7	1.5									8.0	5.0
S	2.0	5.6	3.5	1.5	.1							13.4	6.7
SSW	2.0	3.2	5.2	2.0	.3							12.8	7.7
SW	.9	2.6	3.0	2.4	.2							9.5	8.6
WSW	1.2	3.7	1.5	1.4								8.2	6.8
W	1.9	3.5	1.5	.2								8.0	5.4
WNW	.7	1.4	1.3	.1								3.5	5.7
NW	.6	.5	1.8	.1								3.2	6.9
NNW	1.1	.9	1.2	.3								3.6	6.0
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	2.0	.8	.4	.1							4.0	6.8
NNE	1.2	2.3	.6									4.1	4.6
NE	.9	1.8	.7									3.3	4.8
ENE	1.4	1.2	.3									3.0	3.8
E	1.4	1.2	.7									3.3	4.3
ESE	.6	2.2	.9									3.6	5.5
SE	.6	2.4	.3	.1								3.4	5.2
SSE	1.8	2.4	1.1	.2								5.6	5.2
S	1.8	6.0	5.3	2.6	.1							16.3	7.4
SSW	1.2	3.6	5.2	2.9	.2							13.1	8.3
SW	.3	2.4	2.9	1.8	.1							7.6	8.1
WSW	1.8	2.3	2.6	.9								7.6	6.4
W	1.8	3.9	.8	.6								6.9	5.4
WNW	1.0	1.7	1.6	.4								4.7	6.2
NW	.7	.8	1.0	.2								2.7	6.5
NNW	.9	2.4	1.4	.6								5.3	6.2
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	2.4	2.1	.5	.1							7.3	5.7
NNE	.6	2.2	.7									3.0	4.6
NE	1.1	.9										2.1	3.4
ENE	1.4	1.1	.2									2.7	3.7
E	1.6	1.7	.5									3.8	4.1
ESE	1.1	1.3	.5									2.9	4.3
SE	1.6	1.4	.4									3.4	4.2
SSE	2.2	3.0	1.7									6.9	5.1
S	2.3	5.3	6.3	2.6								16.5	7.3
SSW	1.1	3.1	6.2	2.9	.2							13.5	8.3
SW	.6	1.2	2.1	1.1								6.0	7.6
WSW	.8	2.2	1.6	.4								6.1	6.2
W	1.4	1.1	1.4	.1								4.9	5.3
WNW	.9	2.9	1.1									4.8	5.0
NW	.6	1.7	.8									3.1	5.5
NNW	1.5	2.5	1.6	.5	.1							6.2	6.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.9	//////
TOTALS	21.1	36.9	26.6	8.1	.5							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 873

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.5	2.2	1.2									7.9	4.0
NNE	.9	1.2	.6									2.7	4.5
NE	1.1	.5	.1									1.8	3.7
ENE	1.9	.8	.1									2.8	3.1
E	1.4	1.4	.1									2.8	3.6
ESE	1.9	.5	.1									2.6	3.1
SE	3.7	1.6	.4									5.8	3.5
SSE	3.0	4.2	.9	.1								8.3	4.5
S	6.8	9.0	4.1	.9								20.8	5.2
SSW	1.2	2.7	2.6	.4								6.9	6.2
SW	.8	1.9	.5									3.3	4.8
WSW	1.2	1.1	.3									2.6	4.1
W	1.6	.4	.3									2.3	3.3
WNW	.9	.5										1.4	3.5
NW	.8	1.1	.3	.1								2.3	5.2
NNW	1.1	1.2	.3									2.6	4.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	23.2	//////
TOTALS	32.7	36.5	11.9	1.0								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 737

USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 77-81,86
MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5			.								3.3	4.8
NNE	.8	.8										1.6	4.5
NE	1.6		.8									2.5	4.3
ENE	1.6	.8										2.5	3.0
E	3.3	.8										4.1	2.8
ESE	2.5	.8										3.3	3.0
SE	4.1	4.1										8.2	3.0
SSE	6.6	4.9	.8									12.3	3.3
S	1.6	4.9	5.7	.8								13.1	6.2
SSW	.8	4.1	1.6									6.6	5.8
SW	1.6	1.6										3.3	4.0
WSW	1.6											1.6	3.0
W	.8											.8	2.0
WNW	.8											.8	2.0
NW													
NNW	.												
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	2.1	1.2	.3	.0							5.5	5.3
NNE	.8	1.7	.5									2.9	4.7
NE	1.0	1.1	.3									2.4	4.1
ENE	1.3	.9	.3									2.5	3.6
E	1.6	1.3	.5									3.3	4.0
ESE	1.2	1.4	.4									3.0	4.2
SE	1.9	1.8	.4	.0								4.1	4.0
SSE	2.9	4.0	1.3	.1								8.2	4.6
S	3.4	6.5	4.8	1.7	.0							16.5	6.3
SSW	1.4	3.4	4.6	1.9	.2							11.5	7.6
SW	1.0	2.2	1.9	1.3	.1							6.5	7.4
WSW	1.4	2.5	1.4	.6								5.9	5.9
W	1.7	2.5	.9	.2								5.2	5.0
WNW	.9	1.5	.9	.1								3.4	5.2
NW	.6	1.1	.8	.1								2.7	5.9
NNW	1.1	1.6	1.0	.3	.0							4.0	5.7
VARIABLE													
CALM	////	////	////	////	////	////	////	////	////	////	////	12.3	////
TOTALS	24.0	39.7	21.0	6.6	.3							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 4350

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	1.0										2.4	3.3
NNE	.9	.8										1.7	3.7
NE	1.0	.5	.1									1.6	3.5
ENE	2.1	.8										2.9	2.8
E	2.1	1.4	.1									3.6	3.4
ESE	1.3	.2	.2									1.7	3.1
SE	2.0	1.4	.2									3.6	3.6
SSE	4.6	4.7	1.0									10.4	3.9
S	4.3	5.7	1.7	.2	.1							12.0	4.6
SSW	2.0	3.9	.5	.2								6.9	4.8
SW	2.1	5.5	2.7	.2								10.2	5.4
WSW	2.7	5.5	2.1	.1								10.4	5.0
W	1.6	4.2	2.2	.1								8.1	5.4
WNW	.8	.6	.4									1.8	4.7
NW	.3	.2	.7									.9	5.0
NNW	.7	.6	.3									1.6	4.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	20.0	//////
TOTALS	29.8	37.1	12.5	.9	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 865

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.1	.5									4.4	4.1
NNE	.9	2.0	.3									3.2	4.7
NE	1.6	1.3	.3									3.2	3.6
ENE	1.5	1.1	.1									2.7	3.6
E	2.3	2.5	.2									5.0	3.6
ESE	1.3	1.8	.2									3.3	4.1
SE	1.6	1.3	.4									3.4	3.8
SSE	.7	2.3	.9									3.8	5.1
S	1.8	4.6	2.1	.4								8.9	5.5
SSW	.9	3.4	2.4	1.5								8.2	7.1
SW	1.4	2.7	2.9	.7								7.7	6.3
WSW	1.6	5.9	4.4	.7								12.6	6.2
W	2.6	4.6	5.2	.7								13.1	6.2
WNW	1.4	1.8	2.1	.3								5.6	5.8
NW	.2	.4	1.2	.2								2.0	7.4
NNW	.9	1.3	.2									3.4	5.2
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.0	2.0	1.4		.1							5.4	5.1
NNE	1.4	3.1	.4									5.0	4.3
NE	1.1	1.7	.1									2.9	3.9
ENE	1.5	1.9										3.4	3.5
E	2.4	1.6	.2									4.2	3.7
ESE	1.1	1.0	.1									2.2	3.5
SE	1.1	1.4	.3									2.8	4.1
SSE	1.4	2.0	.7									4.0	4.4
S	1.8	4.1	3.7	.1								9.6	5.9
SSW	1.1	3.4	4.5	.7								9.6	6.9
SW	1.0	2.6	4.0	.7								8.3	7.0
WSW	1.5	4.5	4.6	1.2								11.8	6.8
W	2.1	4.2	3.0	.6								9.9	6.0
WNW	.5	1.4	1.0	.1								3.0	5.8
NW	.9	1.3	1.0	.1	.1							3.6	6.1
NNW	.3	2.0	1.4	.5								4.3	6.8
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	4.3	.9									7.0	4.7
NNE	1.6	2.6	1.1									5.2	4.8
NE	1.3	2.9	.3									4.6	4.4
ENE	.9	2.8	.1									3.7	4.3
E	1.8	1.6										3.3	3.4
ESE	1.9	1.9	.1									3.8	3.5
SE	.9	1.3	.3									2.5	4.4
SSE	2.7	4.3	.9	.1								7.9	4.4
S	1.4	4.9	3.7	.7								10.7	6.4
SSW	1.6	3.9	4.1	.6								10.5	6.4
SW	.7	3.7	2.7	.1								7.1	6.1
WSW	1.4	2.8	3.7	.4								8.0	6.4
W	1.1	2.8	2.0	.3								6.2	6.1
WNW	1.1	1.6	1.2		.1							4.0	5.6
NW	.8	1.1	.6									2.5	4.7
NNW	.8	2.2	1.3									4.3	5.3
VARIABLE													
CALM	//////////////

USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.4	2.4	.1	.1								5.1	3.8
NNE	1.2	1.4	.1									2.7	3.9
NE	2.0	1.2										3.2	3.0
ENE	2.8	2.4	.1									5.4	3.1
E	2.4	1.6										4.0	3.2
ESE	3.8	.8	.3									4.9	2.9
SE	2.3	1.4	.5									4.2	3.5
SSE	4.5	2.7	.4									7.6	3.5
S	5.6	6.9	2.6	.3								15.4	4.6
SSW	2.6	2.6	1.2									6.3	4.3
SW	1.7	2.9	.6									5.2	4.2
WSW	1.5	1.6	.4									3.8	4.4
W	1.4	1.2										2.6	3.1
WNW	.9	.3	.1		.3							1.5	5.8
NW	.4	.3	.3	.1								1.2	5.1
NNW	1.4	1.0	.3									2.7	3.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	24.3	//////
TOTALS	37.5	33.5	7.4	.4	.3							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 781

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-81,86
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5											1.5	2.0
NNE		2.2	.7									3.0	5.8
NE	.7											.7	2.0
ENE	1.5	2.2										3.7	3.2
E	3.0	.7	.7									4.4	3.7
ESE	2.2	.7	.7									3.7	3.8
SE	1.5	4.4										5.9	4.0
SSE	9.6	6.7	.7									17.0	3.5
S	3.0	8.1	.7									11.9	4.7
SSW		3.7	1.5									5.2	5.9
SW	1.5		.7									2.2	4.0
WSW		.7										.7	4.0
W													
WNW													
NW													
NNW	.7	.7										1.5	3.0
VARIABLE													
CALM	//////////											38.5	//////
TOTALS	25.2	37.4	5.9									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 135

FREQUENCY OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	2.7	.6	.2	.0							4.8	4.4
NNE	1.2	2.0	.4									3.6	4.4
NE	1.4	1.5	.2									3.0	3.8
ENE	1.7	1.8	.1									3.6	3.5
E	2.2	1.7	.1									4.1	3.5
ESE	1.8	1.1	.2									3.1	3.4
SE	1.6	1.4	.4									3.3	3.9
SSE	2.9	3.2	.9	.2								7.0	4.1
S	2.9	5.3	2.6	.4	.0							11.2	5.3
SSW	1.5	3.5	2.7	.6								8.3	6.1
SW	1.4	3.4	2.5	.2								7.6	5.9
WSW	1.7	4.1	3.2	.4								9.2	6.0
W	1.7	3.7	2.5	.2								7.9	5.8
WNW	.9	1.1	1.2	.1	.1							3.2	5.6
NW	.5	.7	.6	.1	.0							2.0	5.8
NNW	.8	1.6	.8	.1								3.3	5.4
VARIABLE													
CALM	////////////

AFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	.8	.5									2.5	4.2
NNE	1.2	1.0										2.3	3.4
NE	2.1	1.6	.2									3.9	3.4
ENE	2.1	1.0										3.1	3.0
E	1.5	.9										2.4	3.1
ESE	1.4	.9										2.3	3.2
SE	3.3	2.8	.3									6.5	3.6
SSE	5.1	7.7	.8									13.6	3.9
S	5.0	5.8	1.9	.2								12.8	4.5
SSW	1.5	4.8	1.6	.1								8.1	5.3
SW	2.3	3.7	2.6	.5								9.1	5.6
WSW	2.0	4.1	1.3	.1								7.5	4.9
W	2.0	2.4	.5									4.8	4.1
WNW	.5	1.0	.3									1.8	4.3
NW	.5	.5	.1									1.0	4.1
NNW	.3	.1	.5									.9	5.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	17.3	//////
TOTALS	31.9	39.5	10.3	.3								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 868

[illegible] OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: [illegible] MO PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	1.8	.8									4.1	4.4
NNE	1.4	2.0	.2									3.6	4.1
NE	2.1	1.5	.4									4.1	3.9
ENE	2.4	2.0	.2									4.6	3.8
E	2.0	2.0	.2									4.2	3.7
ESE	1.6	1.9	.1									3.6	3.7
SE	1.1	1.8	.9									3.7	4.6
SSE	2.1	2.3	1.3									6.7	4.8
S	1.5	4.6	2.5	.9								9.5	6.2
SSW	1.8	2.6	2.7	.8								7.9	6.4
SW	1.3	3.2	3.6	1.2								9.3	7.1
WSW	2.1	4.8	3.5	.7								11.1	6.1
W	2.3	4.9	2.9	.3								10.4	5.4
WNW	1.6	1.5	.4	.3								3.9	4.7
NW	1.3	1.1	.5	.1								3.1	4.6
NNW	1.3	1.8	.5									3.5	5.0
VARIABLE													
CALM	//////////											6.7	//////
TOTALS	27.2	40.7	21.2	4.3								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 912

LOCAL CLIMATOLOGY PROGRAM — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
(SAFETAC) — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO — PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	2.5	1.4	.1								5.6	5.1
NNE	1.4	2.7	.6	.1								4.8	4.6
NE	2.0	1.8	.8									4.6	4.2
ENE	2.6	2.8	.5									5.9	3.9
E	2.9	2.0	.1									5.2	3.4
ESE	1.4	1.5	.3									3.2	4.1
SE	1.9	2.9	.4	.1								4.9	4.2
SSE	1.0	2.0	.3		.1							3.4	5.2
S	2.0	4.5	2.5	.9								9.8	5.9
SSW	1.6	2.4	3.2	1.1								9.2	6.8
SW	.5	2.3	2.3	.3								5.4	6.8
WSW	1.2	4.3	4.0	.5								9.7	6.5
W	2.0	4.9	1.9	.3								9.1	5.2
WNW	1.5	2.8	1.0	.2								5.5	5.1
NW	.9	1.4	.5	.1								2.9	5.0
NNW	1.0	2.4	1.0									4.3	5.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.3	//////
TOTALS	25.7	43.2	21.3	3.7	.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO — PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.1	1.9	.9									5.9	4.1
NNE	1.3	3.4	.9									5.7	4.7
NE	1.7	2.0	.2									3.9	3.9
ENE	2.7	2.7	.6									5.9	3.9
E	2.9	3.1	.4									6.4	3.9
ESE	2.3	2.1	.1									4.6	3.8
SE	2.4	1.7	.4	.1								4.7	4.0
SSE	1.6	3.0	1.1	.1								5.8	4.8
S	2.8	4.9	3.7	1.7								12.0	5.7
SSW	1.2	3.8	4.6	1.7	.1							10.4	7.1
SW	.4	2.9	2.7	.7								6.6	7.2
WSW	.9	2.6	1.4	.2	.1							5.1	6.0
W	1.2	2.6	1.0	.1								4.9	5.0
WNW	.9	1.1	.3	.3								2.6	5.4
NW	1.1	1.7	.4									3.1	5.1
NNW	1.7	2.2	.7	.1								4.4	4.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	8.1	//////
TOTALS	28.2	46.9	18.2	4.3	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 930

USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIPECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.6	1.1	.4									4.1	3.5
NNE	2.1	2.1	.4									4.6	3.8
NE	1.7	.9	.3									2.9	3.7
ENE	2.9	1.5	.4									4.7	3.4
E	5.3	1.6	.2									7.2	2.9
ESE	3.1	1.4	.1									4.6	3.0
SE	4.0	1.9	.5									6.3	3.4
SSE	6.5	4.6	.2									11.3	3.3
S	7.5	7.1	1.5	.1								16.2	4.0
SSW	1.6	2.7	1.1	.2								5.7	5.2
SW	1.0	1.2	.4	.2								2.9	5.3
WSW	1.1	.4	.5									2.0	4.1
W	1.0	.5	.3									1.7	3.9
WNW	.5	.1										.6	2.4
NW	.7	.2	.4									1.4	4.0
NNW	.2	.9	.1									1.2	4.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	22.5	//////
TOTALS	41.9	26.2	6.7	.6								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 804

AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-79,81,86
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1											2.1	2.0
NNE	.7											.7	1.0
NE	1.4	2.1										3.5	3.8
ENE	2.1		.7									2.8	3.3
E	3.5	1.4										5.0	2.6
ESE	1.4	2.1										3.5	3.8
SE	8.5	2.1										10.6	2.6
SSE	4.3	9.2	.7									14.2	4.1
S	5.0	6.4	5.0									16.3	5.0
SSW	1.4	4.3										5.7	4.3
SW	2.8	2.1										5.0	3.3
WSW													
W	.7											.7	2.0
WNW													
NW	.7	.7										1.4	3.5
NNW													
VARIABLE													
CALM	//////////											28.4	//////
TOTALS	34.8	36.5	6.4									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 141

AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.0	1.6	.4	.3								4.4	4.3
NNE	1.4	2.2	.4	.0								4.1	4.2
NE	1.9	1.6	.4									3.9	3.8
ENE	2.5	2.0	.4									4.8	3.7
E	2.9	2.0	.2									5.0	3.4
ESE	1.9	1.6	.1									3.6	3.6
SE	2.7	2.1	.5	.0								5.4	3.8
SSE	3.2	4.2	.8	.3	.0							8.2	4.1
S	3.7	5.4	2.4	.6								12.1	5.1
SSW	1.5	3.4	2.6	.7	.0							8.3	6.3
SW	1.2	2.7	2.2	.6								6.7	6.4
WSW	1.4	3.1	2.1	.7	.0							7.0	5.9
W	1.7	3.1	1.2	.1								6.2	5.0
WNW	1.0	1.3	.4	.2								2.9	4.9
NW	.9	.9	.5	.1								2.3	4.7
NNW	.3	1.4	.6	.3								2.9	5.1
VARIABLE													
CALM	//////////											12.4	//////
TOTALS	30.8	38.5	15.6	2.7	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 4555

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.2	2.8	.7									5.6	4.2
NNE	.6	.4	.2									1.2	3.9
NE	1.2	1.1										2.3	3.2
ENE	2.4	1.2										3.6	3.1
E	2.2	.6										2.8	2.9
ESE	1.0	.2	.1									1.3	3.2
SE	3.5	2.7	.4									6.6	3.8
SSE	7.0	6.4	2.2	.4								17.9	4.4
S	6.0	8.8	4.0	.4								19.1	4.9
SSW	1.2	2.5	2.2	.6								6.5	6.7
SW	.7	2.0	1.2									4.1	5.9
WSW	.8	1.9	.6									3.4	4.6
W	.6	.2	.1									1.7	4.3
WNW	1.0	1.2	.1									2.3	3.7
NW	.2	1.0	.1									1.3	5.3
NNW	.7	1.8	.2									2.8	4.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	17.7	//////
TOTALS	31.2	36.9	12.8	1.7								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 834

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO — PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	2.6	1.6									5.1	5.5
NNE	1.1	[illegible]	.9									4.2	5.0
NE	.8	1.9	[illegible]	.1								3.2	4.8
ENE	1.7	2.0	[illegible]									4.1	4.1
E	2.2	2.2	.1									4.4	3.8
ESE	1.7	1.6										3.3	3.6
SE	1.6	[illegible]	.7									4.3	4.3
SSE	2.2	[illegible]	3.1	[illegible]								9.1	5.6
S	1.4	[illegible]	4.[illegible]	1.4								12.9	6.8
SSW	.6	[illegible]	5.[illegible]	2.6								11.8	8.3
SW	.8	1.9	4.[illegible]	1.[illegible]	.1							9.2	8.2
WSW	1.1	2.6	2.8	[illegible]								7.4	6.6
W	1.7	1.[illegible]	1.[illegible]	.1								4.8	5.4
WNW	[illegible]	1.[illegible]	[illegible]	[illegible]								2.6	6.6
NW	.9	1.[illegible]	[illegible]	[illegible]								2.9	5.3
NNW	[illegible]	1.6	1.[illegible]	[illegible]								4.1	6.1
VARIABLE													
CALM	//////////////

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

	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
											8.0	5.7
											3.8	4.8
											2.3	4.0
											5.7	3.8
											4.8	4.5
											3.3	3.5
											4.3	4.8
											6.8	5.2
											12.4	8.0
											11.4	8.3
											7.1	8.0
											6.0	7.1
											4.4	5.6
											3.2	4.8
											4.1	5.8
											4.7	6.8
											7.6	//////
TOTAL											100.0	5.7

...OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

...FT (FORMERLY WBAS) MO

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

	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	...	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
	3.4	4.4	2.[illegible]	.1									
[illegible]	2.3	1.5	.1									10.7	5.1
NE	1.1	1.3	.3									3.9	3.4
ENE	2.9	2.4										2.8	4.2
E	1.7	1.3	.3									5.3	3.3
ESE	2.5	2.5	.2									3.3	3.7
SE	2.3	1.6	.3									5.3	3.7
SSE	2.3	2.7	2.1	.2								4.7	4.2
S	2.4	6.7	7.7	1.3	.1							8.3	5.3
SSW	1.0	3.0	3.7	1.3								18.7	7.2
SW	.1	1.1	1.7	.1								9.0	7.4
WSW	.2	1.7	1.4	.2								3.1	7.2
W	.5	.6	1.2									3.7	6.9
WNW	1.1	1.7	.7									2.3	5.6
NW	.9	.5	.4	.1								2.8	4.3
NNW	1.1	1.6	2.1		.1							2.8	5.5
VARIABLE												6.1	5.9
CALM	////////////

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO — PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	2.4	.8		.1							6.7	4.2
NNE	1.0	.6	.4									2.1	4.3
NE	1.7	.5	.1									2.3	2.9
ENE	2.7	.5	.1									3.4	2.8
E	3.4	1.4	.3									5.0	3.1
ESE	2.4	.5	.5									3.5	3.4
SE	4.3	2.2	.6									7.1	3.7
SSE	7.1	4.5	1.2									12.8	3.7
S	4.9	8.6	5.2	.6								19.3	5.4
SSW	.8	1.4	.5	.1								3.1	5.3
SW	.6	.5										1.2	3.4
WSW	.6	.2	.2									1.2	4.1
W	1.0	.6										1.7	2.9
WNW		.2		.2								.8	8.2
NW	.6	.1										.8	2.3
NNW	.6	1.2	.1									1.9	4.1
VARIABLE													
CALM	////////////

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

PERIOD OF RECORD: 77-81,86
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
1	2.7	1.8										4.5	2.7
2		2.2										2.2	4.3
3	.7	.7										1.5	4.5
4	1.5											1.5	2.0
5	2.2	1.5										3.7	3.4
6	3.7	.7										4.5	2.7
7	2.2		1.5									3.7	5.0
8	6.7	4.5	.7									11.9	3.8
9	5.2	7.5	6.0	2.2								20.9	6.0
10	1.5	.7	3.7	1.5								7.5	7.0
11	1.5											1.5	2.5
12													
13	.7											.7	2.0
14	.7											.7	3.0
15	.7											.7	2.0
16	1.5		1.5									3.0	6.0
VARIABLE													
CALM	////////////

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

AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	3.1	1.6	.1	.0							7.2	4.9
NNE	1.2	1.4	.5									3.0	4.4
NE	1.1	1.2	.2	.0								2.5	3.9
ENE	2.4	1.8	.1									4.3	3.5
E	2.2	1.6	.2	.0	.0							4.0	3.7
ESE	1.9	1.3	.2									3.4	3.5
SE	2.5	2.0	.8	.1								5.3	4.1
SSE	4.0	4.6	2.1	.2								10.9	4.6
S	3.1	6.6	5.4	1.3	.0							16.5	6.3
SSW	.9	2.6	3.9	1.4								8.5	7.7
SW	.7	1.4	2.2	.7	.0							4.9	7.4
WSW	.7	1.8	1.4	.4								4.3	6.4
W	1.0	1.0	.8	.2								3.0	5.1
WNW	.8	1.2	.5	.1								2.3	5.0
NW	.8	.8	.7	.1								2.4	5.3
NNW	.9	1.7	1.3	.1	.0							3.9	5.8
VARIABLE													
CALM	////////////

[illegible] FREQUENCY OF [illegible] OF SURFACE WIND DIRECTION VERSUS WIND SPEED
SAFETY FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	1.7	1.1									4.4	4.5
NNE	1.4	1.2	.6									3.2	4.6
NE	.6	1.7	.4									2.6	4.7
ENE	1.1	.2										1.3	2.6
E	1.2	.7	.1									2.0	3.3
ESE	.6	1.2	.2									2.0	4.2
SE	3.2	3.6	1.3	.3								8.4	4.5
SSE	4.9	9.5	3.1	.2								17.6	4.8
S	3.3	5.4	3.4	.7	.1							13.0	5.7
SSW	.7	1.1	1.8	.9	.4	.1						5.0	8.7
SW	1.3	1.8	.7	.5	.1							4.4	5.9
WSW	1.3	2.1	.7	.1								4.3	4.8
W	1.4	3.0	.9	.1								5.4	4.7
WNW	.8	1.1	.9	.1								2.8	5.5
NW	.8	1.9	.7	.2								3.7	5.6
NNW	.6	1.9	.9	.1								3.6	5.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	16.3	//////
TOTALS	25.0	37.9	16.5	3.7	.6	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 945

USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	2.6	2.2	.7								5.6	6.0
NNE	.9	1.9	.9	.2								3.9	5.4
NE	.8	1.4	.2									2.4	4.2
ENE	1.2	.4	.3									2.1	4.0
E	1.0	1.2	.2									2.4	4.2
ESE	1.1	1.7	.7									3.4	4.8
SE	1.2	2.1	.6	.2								4.1	5.6
SSE	1.7	5.1	3.9	.8								11.5	6.4
S	1.1	3.9	5.0	3.2	.4							13.6	8.6
SSW	.8	1.7	3.4	1.7	.2	.3						8.1	9.2
SW	.8	1.8	3.0	1.2								6.7	7.6
WSW	.8	2.9	1.5	1.2	.1							6.3	7.0
W	.4	3.3	2.4	.6	.1							6.9	6.9
WNW	.8	.8	1.7	.6								3.8	7.4
NW	.6	1.8	2.8	1.2								6.4	8.0
NNW	1.2	1.8	2.2	.7								5.9	6.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	7.0	//////
TOTALS	15.0	32.9	31.2	11.7	.9	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 905

[illegible] PERCENTAGE FREQUENCY OF WIND DIRECTION VERSUS WIND SPEED
AIR WEATHER [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72452 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	[illegible]	[illegible]	[illegible]								6.0	6.0
NNE	1.2	3.1	[illegible]									5.2	4.9
NE	1.1	[illegible]	[illegible]									2.2	3.9
ENE	1.[illegible]	[illegible]	[illegible]									2.3	4.3
E	1.5	1.[illegible]										3.[illegible]	3.3
ESE	1.2	[illegible]	[illegible]									3.0	4.1
SE	.5	1.7	1.									[illegible]	5.5
SSE	.5	[illegible]	3.[illegible]	1.[illegible]								7.1	7.6
S	1.1	[illegible]	5.[illegible]	[illegible]	[illegible]							13.4	9.[illegible]
SSW	.[illegible]	[illegible]	4.[illegible]	1.[illegible]	.[illegible]	.1						9.7	9.1
SW	.4	[illegible]	1.[illegible]	1.[illegible]	.[illegible]							6.1	8.1
WSW	.5	1.[illegible]	2.[illegible]	[illegible]								5.8	6.0
W	1.[illegible]	[illegible]	2.[illegible]	.[illegible]	.3	.1						7.4	7.3
WNW	.9	1.[illegible]	1.[illegible]	.[illegible]								4.8	7.4
NW	1.[illegible]	[illegible]	2.[illegible]	1.[illegible]	.3							8.4	6.3
NNW	.9	[illegible]	3.1	1.								7.0	7.4
VARIABLE													
CALM	//////////////

...SAFETA...
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	2.7	1.6	.4								7.5	5.4
NNE	1.5	3.1	.6									5.2	4.5
NE	.9	1.3										2.2	3.6
ENE	2.3	.7	.1									3.1	2.9
E	2.1	.7										2.8	3.0
ESE	1.5	.8										2.3	3.0
SE	1.0	1.4	1.1	.2								3.8	5.7
SSE	1.3	4.3	2.9	.3								9.3	6.4
S	2.1	4.4	6.3	2.5								15.4	7.6
SSW	.8	2.2	3.6	.9	.4	.2						8.1	8.6
SW	.3	1.1	1.3	.7								3.4	7.9
WSW	.7	1.2	1.5	.2	.1							3.8	6.7
W	1.2	3.1	2.1	.4								6.9	6.1
WNW	.9	2.0	2.1	.1	.2	.1						6.1	7.5
NW	.7	1.6	3.2	1.2	.1							6.7	8.0
NNW	1.0	2.4	2.4	.8								6.6	6.8
VARIABLE													
CALM	//////////////

...FREQUENCY OF ... AT WIND DIRECTION VERSUS WIND SPEED
...FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 724957 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.5	1.[illegible]	.7	.[illegible]								6.3	4.0
NNE	1.6	2.1	.[illegible]	.1								4.0	4.2
NE	1.1	.7	.1									1.9	3.4
ENE	2.2	.7										2.9	2.9
E	2.6	.6										3.2	2.6
ESE	1.1	.7	.[illegible]									2.1	3.6
SE	3.3	2.1	1.[illegible]									6.6	4.1
SSE	4.9	4.4	3.[illegible]	.4								12.9	5.0
S	3.2	6.1	3.[illegible]	.7	.2	.2						13.6	6.2
SSW	1.6	1.[illegible]	1.[illegible]	.[illegible]	.2							4.9	6.4
SW	1.6	.7	.2	.1								2.7	3.9
WSW	1.7	.7	.1	.4								2.9	4.5
W	2.1	1.0	.6	.1								3.8	3.9
WNW	1.1	.7	.[illegible]	.1		.1						2.6	5.3
NW	1.0	1.[illegible]	1.[illegible]	.2								3.2	5.8
NNW	2.1	1.1	.6	.2								4.0	4.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	22.6	//////
TOTALS	34.4	2[illegible].9	13.[illegible]	3.[illegible]	.5	.4						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 823

USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72446? STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-81,84-86
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	1.?	1.?									4.4	4.4
NNE	1.?	1.?										2.5	4.0
NE	1.3	.?										1.9	2.7
ENE	.6	?.?										3.8	4.7
E	1.9	1.9										3.8	3.3
ESE		.?										.6	4.0
SE	3.?	?.9	1.9									7.6	4.3
SSE	1.3	5.?	4.4	1.?								13.3	6.8
S	3.?	7.6	4.4		.6							15.8	6.1
SSW	?.5	1.9		.?	.6							5.7	6.4
SW	1.9	.?	.?									3.2	4.2
WSW		1.?										1.3	4.5
W	.?	.6		.?								1.9	6.3
WNW		1.9										1.9	4.0
NW	1.9	1.?	.?	.?	.6							5.1	7.4
NNW	?.5	1.?										3.8	3.0
VARIABLE													
CALM	//////////////

AIR WEATHER SERVICE/MAC

FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	2.0	1.6	.2								5.9	5.2
NNE	1.3	1.7	.6	.1								4.2	4.7
NE	.9	1.2	.2									2.3	4.0
ENE	1.5	.7	.2									2.4	3.4
E	1.7	1.0	.1									2.7	3.2
ESE	1.1	1.2	.2									2.5	4.0
SE	1.8	2.2	1.1	.1								5.2	4.9
SSE	2.5	5.1	3.2	.7								11.6	5.8
S	2.1	4.6	4.8	2.1	.2	.0						13.9	7.4
SSW	1.0	1.8	2.7	1.2	.4	.2						7.2	8.6
SW	.9	1.6	1.4	.6	.1							4.7	7.0
WSW	.9	1.7	1.4	.5	.0							4.5	6.5
W	1.2	2.0	1.7	.4	.1	.0						6.0	6.1
WNW	.9	1.3	1.2	.5	.0	.0						4.0	6.9
NW	.9	1.7	2.1	1.0	.1							5.7	7.6
NNW	1.2	1.6	1.8	.4								5.4	6.4
VARIABLE													
CALM	//////////////

USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.2	2.9	1.5									5.7	4.3
NNE	1.3	2.1	.7									4.0	4.7
NE	.8	1.3	.3									2.4	4.5
ENE	.4	1.1	.3									1.8	4.8
E	1.3	1.1	.3	.1								2.8	4.3
ESE	.8	.7	.9									2.4	5.4
SE	2.4	2.6	1.0	.1								6.1	4.4
SSE	2.6	5.7	4.9	.3								13.7	5.9
S	1.7	4.2	4.3	2.0	.1							12.3	7.2
SSW	1.0	2.9	1.9	1.1	.1							7.0	7.2
SW	.4	1.9	1.7	.3								4.2	6.3
WSW	.8	1.7	.8	.1								3.5	5.6
W	1.7	2.1	1.4	.7								6.4	5.9
WNW	.8	1.1	1.3	.4								3.6	6.8
NW	.6	.9	1.3	1.0	.1							3.8	8.6
NNW	1.7	1.9	2.3	.6								6.6	6.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	13.8	//////
TOTALS	20.5	34.2	23.6	7.3	.4							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

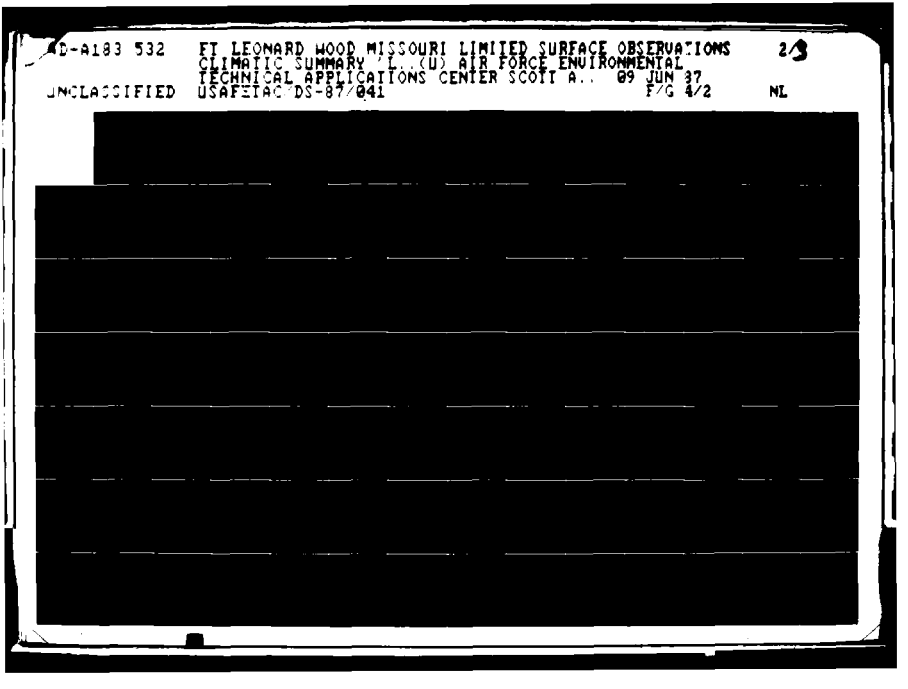
DIRECTION (TOWARDS)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	2.4	.6	.								5.0	5.1
NNE	1.4	.6	.4									4.4	4.6
NE	1.2	1.2	.4									3.0	4.7
ENE	1.2	.8	.									3.5	4.2
E	.8	1.0	.3									1.9	4.3
ESE	1.3	1.2	.4	.								3.7	5.4
SE	1.2	.8	1.6	.								3.6	6.0
SSE	1.7	3.4	3.8	.2								9.1	6.3
S	2.2	4.2	4.8	3.2	.5							14.5	8.3
SSW	.2	2.2	2.	1.	1.							7.7	9.9
SW	.8	1.2	1.4	.4	.2							7.1	9.0
WSW	.7	1.3	.8	.2	.2							5.4	7.8
W	.3	.8	1.2	.								5.4	5.1
WNW	.2	.8	1.2	.4	.2							4.7	8.6
NW	.2	.8	1.2	1.	.2							5.9	8.7
NNW	1.2	.8	.6	1.	.2							7.6	7.6
VARIABLE													
CALM	//////////////

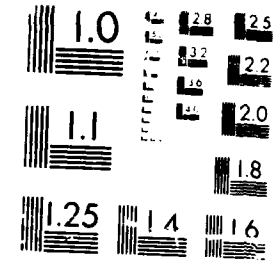
[illegible]
AIR WEATHER SERVICE/MAC

STATION NUMBER: [illegible]

DIRECTION (DEGREES)	[illegible]	TOTAL %	MEAN KTS
N	1.9	[illegible]	[illegible]
NNE	1.6	[illegible]	[illegible]
NE	1.7	[illegible]	[illegible]
ENE	1.0	[illegible]	[illegible]
E	1.1	[illegible]	[illegible]
ESE	.7	[illegible]	[illegible]
SE	.4	[illegible]	[illegible]
SSE	1.7	[illegible]	[illegible]
S	1.2	[illegible]	[illegible]
SSW	.6	[illegible]	[illegible]
SW	.6	[illegible]	[illegible]
WSW	1.0	[illegible]	[illegible]
W	.7	[illegible]	[illegible]
WNW	1.1	[illegible]	[illegible]
NW	.8	[illegible]	[illegible]
NNW	1.5	[illegible]	[illegible]
VARIABLE			
CALM	////////////

AD-A183 532 FT LEONARD WOOD MISSOURI LIMITED SURFACE OBSERVATIONS 2/3
CLIMATIC SUMMARY (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 09 JUN 87
UNCLASSIFIED USAFETAC/DS-87/041 F/G 4/2 NL




1.0
1.1
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	3.6	1.6	.6								9.2	5.1
NNE	1.9	2.7	1.1									5.4	4.7
NE	1.0	.8	.6									2.4	4.4
ENE	1.0	1.5	.1									2.6	3.8
E	1.6	1.0	.6									3.2	4.2
ESE	.8	1.3	.5									2.5	4.8
SE	1.7	1.1	1.3	.3								4.2	5.4
SSE	1.4	2.8	3.0	1.0								8.1	6.9
S	.9	4.2	4.1	3.2	.5	.1						13.1	8.5
SSW	.5	1.6	2.6	1.6								6.3	8.4
SW	.8	.5	1.1	.8								3.2	7.6
WSW	.6	.9	2.3	.8								4.6	7.8
W	.7	1.6	3.1	1.8								7.2	8.7
WNW	1.0	1.7	2.1	1.1	.3							6.3	8.1
NW	.7	1.0	2.5	1.9	.1							6.2	8.9
NNW	.9	1.4	2.5	1.1	.1							6.1	8.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.3	//////
TOTALS	19.0	27.3	28.9	14.3	1.0	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 872

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	2.4	1.4	.2								6.5	4.8
NNE	1.4	2.1	1.0	.1								4.6	4.8
NE	.5	1.5	.1									2.1	4.6
ENE	1.7	1.5	.4									3.6	4.0
E	1.7	.8	.5									3.0	4.0
ESE	1.3	1.0	.6									2.9	4.1
SE	2.1	1.8	1.4	.6								6.0	5.5
SSE	2.4	3.8	3.0	1.1								10.2	6.3
S	1.2	5.8	5.1	2.9		.1						15.1	7.7
SSW	1.4	.5	1.3	.5								3.7	6.1
SW	.8	.7	.7	.4								2.6	6.2
WSW	1.0	.5	.5	.4								2.3	5.9
W	1.2	2.7	1.0	.7								5.6	6.0
WNW	1.2	1.4	1.8	.3								5.2	7.1
NW	.6	1.4	1.0	.5								3.5	6.4
NNW	1.3	1.5	1.8	.3								5.5	6.7
VARIABLE													
CALM	//////////											17.6	//////
TOTALS	22.3	29.6	21.4	8.9		.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-81,84-86
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	3.7	1.8									8.3	4.6
NNE	.5	4.1	.5									5.1	4.6
NE	1.8	.5	.5									2.8	3.3
ENE	3.2	.5	.9									4.6	3.7
E	1.4	1.4										2.8	3.5
ESE	1.4	1.4										2.8	3.3
SE	2.8	2.8	.5		.5							6.5	5.1
SSE	.9	6.5	1.8	.9								10.1	6.2
S	.9	3.7	6.9	2.8								14.3	8.6
SSW	1.4	1.4	.5	.5								3.7	5.9
SW	1.4	1.8										3.2	3.9
WSW	.5	1.4	.5									2.3	4.4
W	1.4	4.6	1.8	.5								8.3	5.7
WNW	.9	.5	.9	.9								3.7	7.3
NW	1.4	.5	.5	.5								2.8	5.8
NNW	.5	.9	2.8									4.1	6.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	14.7	//////
TOTALS	23.0	35.9	19.5	6.3	.5							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	2.6	1.4	.3								6.7	5.1
NNE	1.5	2.3	.9	.0								4.7	4.7
NE	1.0	1.2	.4									2.6	4.4
ENE	1.2	1.6	.3									3.1	4.2
E	1.3	1.0	.3	.1								2.6	4.1
ESE	1.0	1.0	.6	.1								2.7	4.9
SE	1.6	2.0	1.2	.4	.0							5.2	5.4
SSE	1.9	3.7	3.0	.9								9.5	6.3
S	1.4	4.0	4.4	3.1	.4	.0						13.3	8.3
SSW	.9	1.7	2.2	1.6	.3							6.6	8.5
SW	.7	1.3	1.4	1.1	.1							4.6	8.0
WSW	.8	1.4	1.4	.7	.1							4.4	7.3
W	.9	2.1	2.2	1.1		.0						6.8	7.8
WNW	1.0	1.2	1.6	1.1	.2							5.1	8.2
NW	.6	1.4	1.8	1.4	.1							5.3	8.5
NNW	1.3	1.7	2.1	1.2	.1							6.6	7.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	10.3	//////
TOTALS	19.1	32.2	25.6	13.2	1.4	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 4399

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	3.7	1.9	.6								7.6	5.9
NNE	.1	1.0	.3									1.4	5.5
NE	.9	1.7										2.6	4.0
ENE	1.6	1.4	.1									3.1	4.0
E	1.9	1.7	.1	.1								3.9	3.9
ESE	.6	.7										1.3	3.8
SE	.9	2.3	.1									3.3	4.3
SSE	1.4	6.6	3.6	.4	.3							12.3	6.2
S	1.7	4.9	4.1	2.9								13.6	7.3
SSW	.6	2.7	2.0	.7								6.0	6.8
SW	.3	2.0	1.9	.9	.1							4.3	7.2
WSW	.1	2.0	1.6	.3	.1							4.1	7.1
W	1.9	2.4	3.0	.1	.1	.1						7.7	6.3
WNW	.9	1.6	2.4	1.1	.1							6.1	7.8
NW	.7	2.3	3.0	2.0								8.0	8.2
NNW	1.0	1.0	2.1	.6								4.7	7.0
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	1.5	2.5	1.3								6.8	6.9
NNE	.8	1.6	.9									3.2	5.1
NE	.7	.9	.6									2.2	5.1
ENE	.9	1.0	.3									2.3	4.3
E	.2	1.3	.2									1.7	5.1
ESE	.9	1.5	.3									2.6	4.1
SE	.5	2.1	.9									3.3	5.1
SSE	1.4	3.9	3.4	.9								9.6	6.5
S	1.9	3.3	5.6	3.9	.3	.1						13.4	6.7
SSW	.2	1.4	2.7	1.4	.3	.1						6.2	9.7
SW	.6	2.4	1.5	1.7		.1						6.8	5.0
WSW	.5	1.3	1.4	1.4	.1							5.1	9.2
W	.5	2.4	3.7	1.1								7.1	7.6
WNW	.1	1.6	3.4	1.1	.1							6.6	8.4
NW	1.9	2.7	3.2	2.1	.7							6.9	8.3
NNW	1.5	2.4	3.5	1.1	.2							8.8	7.4
VARIABLE													
CALM	//////////											5.4	//////
TOTALS	12.2	31.4	34.1	15.9	1.5	.7						100.7	7.1

TOTAL NUMBER OF OBSERVATIONS: 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.9	3.5	1.4								7.3	7.9
NNE	.4	1.4	.1	.3								2.2	5.3
NE	1.2	1.0	.4	.3								2.8	4.8
ENE	.8	.9	.2									1.8	4.7
E	1.3	.9										2.2	3.1
ESE	1.0	1.1	.2									2.3	4.2
SE	.8	1.5	1.0									3.3	5.5
SSE	.5	2.1	2.4	.3	.1							5.4	6.9
S	.7	2.4	4.2	3.9	.4							11.6	9.4
SSW	1.2	1.7	4.0	2.7	.4							9.7	8.9
SW	.5	2.0	2.1	1.0	.3							6.1	8.1
WSW	.7	.9	1.5	1.9	.2							5.2	9.5
W	1.0	2.0	3.1	3.6	.7							10.3	9.7
WNW	.3	2.6	2.8	2.9	.1							8.8	9.0
NW	.7	2.0	3.1	1.9	.4	.1						7.7	8.7
NNW	.9	1.7	3.9	1.3								7.8	6.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.5	//////
TOTALS	12.7	29.7	33.0	20.0	2.7	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.9	3.0	.9	.1							8.2	6.5
NNE	.7	.6	.3	.1								1.6	5.1
NE	1.0	1.4	.4									2.9	4.3
ENE	1.1	.9	.2	.1								2.3	4.3
E	1.7	.2	.1									2.0	3.0
ESE	.8	1.1										1.9	3.7
SE	1.0	1.6	.7	.2								3.4	5.5
SSE	1.4	2.1	2.4	.7	.1							6.8	6.7
S	.8	3.7	5.0	2.7	.2							12.3	8.5
SSW	.7	1.8	2.4	.9	.2							6.0	8.1
SW	.3	.7	2.2	1.1	.1							4.2	9.4
WSW	.6	1.2	1.6	.7								5.1	7.1
W	1.2	2.8	2.8	1.4	.1							8.4	7.7
WNW	.7	1.2	3.2	2.7	.1							9.0	8.6
NW	.9	1.4	2.4	1.5	.3	.1						7.1	8.8
NNW	1.8	3.2	3.4	1.2	.7							10.5	7.4
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.4	3.2	2.2	.4								8.2	5.5
NNE	.8	1.3	.9									3.0	5.3
NE	1.2	.9	.3									2.4	4.0
ENE	1.6	.7	.2									2.5	3.3
E	1.3	.1	.5									1.8	3.7
ESE	.5	.5	.1									1.0	4.1
SE	2.0	.9	.6									3.5	3.7
SSE	1.7	3.3	3.5	1.4								9.9	6.8
S	1.4	5.2	4.6	3.3								14.5	7.7
SSW	.6	1.6	1.6	.8								4.6	7.4
SW	.3	1.7	1.4			.1						3.1	6.8
WSW	1.4	1.2	.5									3.0	4.4
W	1.5	2.1	1.0	.5								5.1	5.5
WNW	1.2	1.3	3.2	.8	.2							6.5	7.6
NW	2.2	2.5	1.6	1.3	.1	.1						7.9	6.5
NNW	1.3	2.2	1.8	2.1	.3							7.7	8.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	15.2	//////
TOTALS	21.2	28.7	24.1	10.3	.7	.2						100.3	5.4

TOTAL NUMBER OF OBSERVATIONS: 868

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-81,84-86
MONTH: DEC HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	5.0	2.3									8.7	5.5
NNE	.5	1.8	.5									2.8	5.2
NE	.5	1.4										1.8	4.0
ENE	1.4	.9	.5									2.8	4.8
E	.5	.5										.9	3.5
ESE	.9	.9										1.8	3.5
SE	1.8	.5										2.3	2.2
SSE	1.8	4.1	4.1									10.1	5.9
S	1.4	3.2	3.2	5.5								13.3	9.2
SSW	.9	3.2	3.2									7.3	6.3
SW		.9	1.8									2.8	8.0
WSW	2.3	2.7	.9									5.5	4.1
W	.9	2.7	1.4	.9								5.5	6.8
WNW		.7	1.4	.7	.5							5.0	8.2
NW	.9	1.4	1.4	1.8	.5							6.0	8.8
NNW		4.1	1.4		.5							6.4	6.6
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	2.7	2.6	.8	.0							7.7	6.5
NNE	.6	1.2	.5	.1								2.3	5.2
NE	1.0	1.0	.4	.0								2.5	4.4
ENE	1.2	1.0	.2	.0								2.4	4.1
E	1.2	.9	.0	.0								2.2	3.7
ESE	.8	1.0	.1									1.9	4.0
SE	1.0	1.6	.6	.0								3.3	4.8
SSE	1.3	3.5	3.1	.7	.1							8.7	6.6
S	1.1	3.8	4.7	3.7	.2	.0						13.0	8.4
SSW	.7	1.9	2.6	1.2	.2	.0						6.6	8.2
SW	.4	1.6	1.9	.9	.1	.0						4.8	8.0
WSW	.7	1.5	1.3	.3	.1							4.6	7.6
W	1.2	2.7	2.6	1.4	.2	.0						7.6	7.7
WNW	.6	1.9	3.0	1.7	.2							7.4	8.4
NW	1.1	2.1	2.7	1.6	.3	.1						7.8	8.1
NNW	1.2	2.3	3.0	1.2	.3							8.0	7.7
VARIABLE													
CALM												9.2	
TOTALS	15.5	32.[illegible]	29.[illegible]	17.[illegible]	1.6	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 4486

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	2.6	1.2	.	.2	.0						6.7	5.9
NNE	1.1	1.9	.4	.1	.3							3.8	5.1
NE	.1	1.4	.3	.1								1.9	4.9
ENE	1.5	1.4	.4	.1								3.4	4.1
E	1.4	1.1	.3	.1	.1							3.0	4.1
ESE	1.1	1.0	.4	.1	.2							2.8	4.1
SE	1.2	1.3	.5	.	.1							3.2	3.9
SSE	2.1	3.1	2.7	.	.2	.1						8.2	5.4
S	2.3	4.2	4.1	.4	.2	.0	.2					11.4	5.6
SSW	.9	1.1	2.1	1.2	.2	.1	.1					5.6	6.4
SW	.7	1.1	1.1	.3	.1	.1						3.4	5.6
WSW	1.2	1.2	1.1	.2	.1	.1						3.9	5.2
W	1.2	1.2	1.0	.2	.1	.						3.7	4.8
WNW	.7	1.0	1.2	.4	.1	.1	.1					4.6	6.4
NW	.7	1.2	1.2	1.2	.1	.1						4.5	6.2
NNW	1.2	2.1	2.2	1.1	.1	.1						6.8	5.6
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

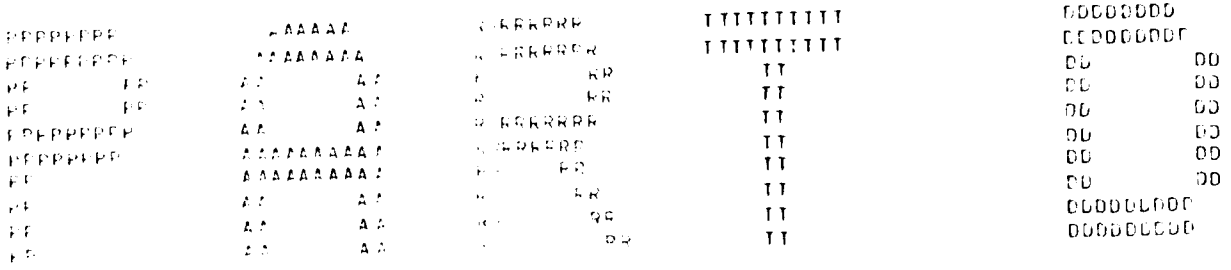
PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.6	4.4	3.[illegible]	1.[illegible]	.1							12.0	6.3
NNE	1.7	3.[illegible]	1.7	.[illegible]	.0							6.8	5.4
NE	1.6	2.6	1.[illegible]	.1								5.3	4.9
ENE	2.1	2.5	.8	.1								5.5	4.6
E	2.0	2.1	1.[illegible]	.[illegible]	.0							5.3	4.9
ESE	.9	1.6	.7	.[illegible]	.0							3.5	5.5
SE	1.4	2.1	1.1	.[illegible]								4.9	5.4
SSE	1.5	3.2	2.7	.9	.1							8.3	6.6
S	.9	2.4	2.[illegible]	1.[illegible]	.2	.0						8.2	8.0
SSW	.4	.[illegible]	.7	.4	.1	.1	.0					2.4	6.1
SW	.3	.4	.[illegible]	.2	.0							1.7	6.6
WSW	.6	.8	.6	.1								2.1	5.7
W	.9	1.[illegible]	1.[illegible]	1.[illegible]	.0							4.5	7.4
WNW	.6	1.[illegible]	2.4	1.[illegible]	.2		.0					5.8	8.6
NW	.6	1.4	2.6	1.[illegible]	.2	.0						6.6	8.6
NNW	1.2	2.[illegible]	3.[illegible]	1.4	.2	.0						9.0	7.6
VARIABLE													
CALM	//////////////



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 [illegible] FEET AND AN ADDITIONAL CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 15 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 1964, 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 SUPPESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

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

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

ALSO PRESENTED ARE MEAN SKY COVERS.

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

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	7/10
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: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.4	40.6	41.4	42.5	43.2	43.3	43.6	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7
GE 20000	4.4	43.3	44.3	45.4	46.2	46.2	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6
GE 18000	4.4	43.3	44.3	45.4	46.2	46.2	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6
GE 16000	4.4	43.3	44.3	45.4	46.2	46.2	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6
GE 14000	4.4	43.5	44.4	45.5	46.3	46.3	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7
GE 12000	4.4	44.0	45.0	46.0	46.7	46.9	47.1	47.1	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3
GE 10000	4.4	47.1	48.2	49.3	50.0	50.1	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5
GE 9000	4.4	47.3	48.4	49.5	50.1	50.3	50.5	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7
GE 8000	4.4	49.9	51.0	52.0	52.7	52.9	53.1	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3
GE 7000	4.4	51.1	52.6	53.7	54.5	54.6	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0
GE 6000	4.4	51.9	53.4	54.5	55.3	55.4	55.7	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9
GE 5000	4.4	53.6	55.3	56.4	57.2	57.4	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8
GE 4500	4.5	55.3	56.8	58.0	58.9	59.0	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
GE 4000	4.5	56.3	57.8	59.0	59.8	59.9	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4
GE 3500	5.0	57.6	59.1	60.4	61.2	61.3	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7
GE 3000	5.0	59.5	61.0	62.4	63.2	63.4	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8
GE 2500	5.2	62.0	63.6	65.0	66.2	66.3	66.6	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9
GE 2000	5.2	64.4	66.3	67.7	69.3	69.5	69.9	69.9	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2
GE 1800	5.2	64.9	66.8	68.1	69.8	69.9	70.3	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
GE 1600	5.3	67.0	69.6	71.1	73.3	73.4	74.0	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3
GE 1200	5.4	70.8	73.0	74.7	76.8	77.2	77.9	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
GE 1000	5.4	73.2	75.5	77.5	80.4	80.8	82.2	82.2	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 900	5.4	74.7	77.0	79.0	82.0	82.4	84.1	84.1	84.3	84.6	84.7	84.7	84.7	84.9	84.9	84.9
GE 800	5.7	75.5	77.6	80.0	83.0	84.1	85.8	85.8	86.1	86.4	86.5	86.5	86.6	86.8	86.8	86.8
GE 700	5.7	75.7	78.1	80.4	84.5	85.1	87.2	87.2	87.5	88.0	88.3	88.3	88.4	88.6	88.6	88.6
GE 600	5.7	76.4	79.2	81.6	86.6	87.3	89.8	90.1	90.3	90.9	91.1	91.1	91.3	91.4	91.4	91.4
GE 500	5.7	76.4	79.2	81.6	86.8	87.6	90.2	90.5	91.1	91.7	92.1	92.1	92.2	92.4	92.4	92.4
GE 400	5.7	76.4	79.2	81.6	87.5	88.6	91.6	92.0	92.6	93.2	93.6	93.6	93.7	93.9	93.9	93.9
GE 300	5.7	76.4	79.2	81.6	87.9	89.0	92.2	92.8	93.7	95.0	95.4	95.4	95.6	95.8	95.8	95.8
GE 200	5.7	76.4	79.2	81.6	87.9	89.0	92.5	93.1	94.1	95.8	96.2	96.2	96.5	96.6	97.3	97.3
GE 100	5.7	76.4	79.2	81.6	87.9	89.0	92.5	93.3	94.4	96.0	96.5	96.5	97.0	97.3	98.2	99.5
GE 0	5.7	76.4	79.2	81.6	87.9	89.0	92.5	93.3	94.4	96.0	96.5	96.5	97.3	97.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 734

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.3	44.6	45.2	45.5	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	.3	49.2	50.0	50.2	50.3	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 18000	.3	49.4	50.2	50.5	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 16000	.3	49.4	50.2	50.5	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 14000	.3	50.2	51.0	51.2	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 12000	.3	51.5	52.3	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 10000	.3	55.8	56.8	57.1	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 9000	.3	55.9	56.9	57.3	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 8000	.3	57.9	59.1	59.4	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 7000	.3	59.4	60.5	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 6000	.3	59.6	60.8	61.1	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 5000	.3	60.9	62.0	62.4	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 4500	.3	61.9	63.0	63.5	63.8	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 4000	.3	63.2	64.4	64.9	65.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 3500	.3	64.7	66.0	66.4	66.9	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 3000	.3	66.4	67.7	68.6	69.0	69.0	69.0	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
GE 2500	.3	67.3	68.9	70.0	70.4	70.5	70.5	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 2000	.3	68.0	69.7	70.9	71.7	71.8	71.8	72.2	72.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6
GE 1800	.3	68.8	70.7	71.9	72.7	72.8	72.8	73.2	73.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6
GE 1500	.3	71.8	74.0	75.3	76.2	76.3	76.3	76.8	76.9	77.1	77.6	77.6	77.6	77.6	77.6	77.6
GE 1200	.3	74.8	77.4	79.0	80.2	80.6	80.6	81.2	81.3	81.5	82.0	82.0	82.0	82.0	82.0	82.0
GE 1000	.3	76.4	79.5	81.4	82.7	83.2	83.2	84.0	84.1	84.6	85.0	85.0	85.1	85.1	85.3	85.3
GE 900	.3	76.8	80.2	82.1	83.3	83.9	84.0	84.9	85.0	85.5	85.9	86.2	86.3	86.3	86.4	86.4
GE 800	.3	77.0	80.4	82.3	83.7	84.4	84.8	85.7	85.9	86.4	87.0	87.2	87.3	87.3	87.4	87.4
GE 700	.3	77.1	80.7	83.2	85.1	85.8	86.5	87.4	87.8	88.3	88.9	89.1	89.2	89.3	89.5	89.5
GE 600	.3	77.2	81.2	83.8	85.9	86.6	87.4	88.5	89.1	89.7	90.2	90.6	90.7	90.8	90.9	90.9
GE 500	.3	77.2	81.3	83.9	86.5	87.3	88.5	89.7	90.2	91.4	92.0	92.3	92.4	92.5	92.6	92.6
GE 400	.3	77.4	81.5	84.2	87.1	88.0	89.2	90.9	91.8	93.8	94.6	94.9	95.1	95.2	95.4	95.4
GE 300	.3	77.6	81.6	84.4	87.1	88.2	89.5	91.2	92.5	94.8	95.6	95.9	96.5	96.6	96.9	96.9
GE 200	.3	77.6	81.6	84.5	87.2	88.3	89.7	91.4	93.1	95.9	96.8	97.3	98.3	98.5	99.0	99.0
GE 100	.3	77.6	81.6	84.5	87.2	88.3	89.7	91.4	93.1	95.9	97.1	97.5	98.6	99.0	99.8	100.0
GE 0	.3	77.6	81.6	84.5	87.2	88.3	89.7	91.4	93.1	95.9	97.1	97.5	98.6	99.0	99.8	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: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.3	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 18000	.3	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 16000	.3	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	.3	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 12000	.3	56.3	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 10000	.3	60.4	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 9000	.3	60.4	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 8000	.3	62.9	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 7000	.3	64.3	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 6000	.3	65.0	65.3	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	.3	65.5	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 4500	.3	66.1	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4000	.3	67.2	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 3500	.3	68.9	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3000	.3	71.1	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 2500	.3	72.3	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 2000	.3	73.7	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
GE 1800	.3	74.7	75.5	75.9	76.1	76.1	76.1	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
GE 1500	.3	77.3	78.7	79.1	80.0	80.1	80.2	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
GE 1200	.3	80.2	82.4	82.9	84.0	84.1	84.2	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
GE 1000	.3	81.8	84.5	85.5	87.4	87.5	88.2	88.2	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	.3	81.8	84.7	86.0	87.8	88.3	88.9	89.0	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1
GE 800	.3	82.3	85.3	86.6	88.5	88.9	89.8	89.9	90.3	90.9	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	.3	82.4	85.5	87.2	89.6	90.2	91.1	91.3	91.7	92.4	92.6	92.6	92.7	92.7	92.7	92.7
GE 600	.3	83.0	86.2	87.8	90.7	91.0	92.1	92.5	92.9	93.8	94.2	94.3	94.5	94.5	94.5	94.7
GE 500	.3	83.0	86.4	88.0	90.9	91.3	93.0	93.7	94.1	95.0	95.4	95.5	95.7	95.7	95.7	95.9
GE 400	.3	83.3	86.7	88.5	91.1	91.8	93.8	94.8	95.5	96.8	97.6	97.7	97.9	97.9	97.9	98.2
GE 300	.3	83.3	86.7	88.5	91.1	91.8	94.0	95.0	95.8	97.1	97.9	98.0	98.3	98.3	98.4	98.6
GE 200	.3	83.3	86.7	88.5	91.1	91.8	94.1	95.1	96.0	97.4	98.3	98.5	98.8	98.8	98.9	99.1
GE 100	.3	83.3	86.7	88.5	91.1	91.8	94.1	95.1	96.0	97.5	98.4	98.6	99.1	99.1	99.7	100.0
GE 0	.3	83.3	86.7	88.5	91.1	1.8	94.1	95.1	96.0	97.5	98.4	98.6	99.1	99.1	99.7	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: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3 1/2	GE 3	GE 2 1/2	GE 2	GE 1 3/4	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 3/8	GE 1/4	GE 0
NO CEIL	.2	47.4	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	.2	53.8	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	.2	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 16000	.2	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 14000	.2	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 12000	.2	56.3	56.4	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 10000	.2	61.6	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 9000	.3	61.6	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	.3	65.1	65.3	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	.3	66.0	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 6000	.3	66.6	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 5000	.3	67.7	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4500	.3	68.3	68.4	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4000	.3	69.0	69.2	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 3500	.3	69.6	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 3000	.3	72.4	72.6	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 2500	.3	74.9	75.2	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2000	.3	77.2	77.7	78.1	78.2	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1800	.3	77.6	78.1	78.6	79.1	79.3	79.3	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1500	.3	79.9	80.8	81.2	82.4	82.7	82.7	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1200	.3	81.3	82.7	83.9	85.0	85.2	85.2	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1000	.3	82.2	84.1	85.9	86.8	88.4	88.6	89.1	89.4	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	.3	82.3	84.2	86.0	86.9	88.9	89.5	89.6	89.9	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 800	.3	82.7	84.4	86.3	88.2	89.2	89.4	90.0	90.4	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	.3	82.9	84.6	86.8	89.2	89.6	90.1	90.6	91.3	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	.3	83.7	85.6	88.1	90.2	91.3	91.8	92.4	93.0	94.2	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 500	.3	83.8	85.7	88.4	91.0	92.0	92.7	93.8	94.4	95.7	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	.3	83.8	85.7	88.4	91.2	92.0	92.8	94.2	95.0	96.3	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 300	.3	83.8	85.7	88.6	91.7	92.1	93.0	94.4	95.3	97.3	97.7	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	.3	83.8	85.7	88.6	91.7	92.1	93.0	94.4	95.4	97.6	97.9	98.0	98.6	99.0	99.0	99.1	99.1	99.1	99.1
GE 100	.3	83.8	85.7	88.6	91.7	92.1	93.0	94.4	95.4	97.7	98.1	98.2	99.1	99.6	99.9	100.0	100.0	100.0	100.0
GE 0	.3	83.8	85.7	88.6	91.7	92.1	93.0	94.4	95.4	97.7	98.1	98.2	99.1	99.6	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	5.2	49.0	49.2	49.3	49.	49.3	49.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 20000	5.5	54.4	54.4	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 18000	5.5	54.7	54.7	54.7	54.7	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 16000	5.5	54.7	54.7	54.7	54.7	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 14000	5.5	55.0	55.0	55.0	55.0	55.0	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 12000	5.5	56.1	56.1	56.1	56.1	56.1	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 10000	6.1	61.8	61.8	61.8	61.8	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 9000	6.1	61.8	61.8	61.8	61.8	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	6.2	64.5	64.5	64.5	64.5	64.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 7000	6.2	65.1	65.1	65.1	65.1	65.1	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 6000	6.6	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 5000	7.2	66.8	66.8	66.8	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 4500	7.2	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4000	7.2	68.6	68.6	68.9	68.9	68.9	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 3500	7.2	70.2	70.2	70.6	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3000	7.5	73.5	73.5	73.9	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2500	8.0	76.6	76.6	76.9	76.9	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2000	8.6	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1800	8.6	80.1	80.1	80.4	80.4	80.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1500	8.6	82.7	82.8	83.2	83.4	83.5	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1200	8.6	83.7	84.1	84.5	85.1	85.2	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1000	8.6	85.5	86.2	86.6	88.1	88.3	88.7	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
GE 900	8.6	85.6	86.5	86.8	88.3	88.7	89.0	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	8.6	86.0	86.9	87.4	89.1	89.4	89.9	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9
GE 700	8.6	86.0	87.2	87.9	89.8	90.2	91.0	91.5	91.5	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	8.6	86.3	87.5	88.5	91.1	91.4	92.5	93.4	93.4	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	8.6	86.7	87.9	88.8	91.7	92.5	93.5	94.5	94.5	95.4	95.4	95.4	95.5	95.5	95.5
GE 400	8.6	86.7	87.9	88.8	92.1	92.8	94.0	94.9	94.9	96.1	96.1	96.2	96.3	96.3	96.3
GE 300	8.6	86.7	87.9	88.9	92.6	93.2	94.7	95.8	95.8	97.1	97.1	97.2	97.3	97.3	97.3
GE 200	8.6	86.8	88.0	89.0	92.7	93.3	95.1	96.1	96.2	98.1	98.1	98.2	98.4	98.7	98.7
GE 100	8.6	86.8	88.0	89.0	92.7	93.3	95.1	96.1	96.2	98.2	98.5	98.6	98.7	99.1	99.1
GE 0	8.6	86.8	88.0	89.0	92.7	93.3	95.1	96.1	96.2	98.2	98.5	98.6	98.8	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 78-82,85-87
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	6.7	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 20000	6.3	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 18000	6.3	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	6.3	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	6.3	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 12000	6.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	7.7	64.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 9000	7.7	64.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 8000	8.2	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	8.2	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 6000	8.2	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 5000	8.7	68.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4500	8.7	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4000	8.7	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3500	8.7	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3000	9.7	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 2500	10.6	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2000	11.6	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1800	11.6	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1500	11.6	83.6	84.1	84.1	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1200	11.6	84.1	84.5	84.5	84.5	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1000	11.6	88.4	89.4	89.4	89.4	89.4	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	11.6	89.4	90.3	90.3	90.3	90.3	90.8	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	11.6	89.9	90.8	90.8	91.8	91.8	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	11.6	89.9	90.8	90.8	91.8	91.8	92.8	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	11.6	90.3	92.3	92.3	93.7	93.7	94.7	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	11.6	90.3	92.3	92.3	93.7	93.7	94.7	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 400	11.6	90.3	92.3	92.3	94.2	94.2	95.2	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 300	11.6	90.3	92.3	92.3	94.2	94.2	95.2	95.7	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6
GE 200	11.6	90.3	92.3	92.3	94.2	94.2	95.2	96.1	96.6	97.1	97.6	97.6	97.6	97.6	98.1	98.1
GE 100	11.6	90.3	92.3	92.3	94.2	94.2	95.2	96.1	96.6	97.1	98.1	98.1	98.1	98.1	98.6	99.5
GE 0	11.6	90.3	92.3	92.3	94.2	94.2	95.2	96.1	96.6	97.1	98.1	98.1	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 237

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.2	46.3	46.6	46.8	47.0	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000	2.2	51.5	51.8	52.1	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 18000	2.2	51.7	52.1	52.4	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000	2.2	51.7	52.1	52.4	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	2.2	52.1	52.6	52.9	53.1	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 12000	2.2	53.3	53.7	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 10000	2.4	58.1	58.6	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3
GE 9000	2.4	58.1	58.6	58.9	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 8000	2.5	60.7	61.2	61.5	61.7	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 7000	2.5	61.8	62.4	62.7	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 6000	2.5	62.4	63.0	63.3	63.5	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
GE 5000	2.7	63.5	64.1	64.4	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4500	2.7	64.6	65.2	65.6	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1
GE 4000	2.7	65.4	66.1	66.5	66.7	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 3500	2.8	66.8	67.4	67.9	68.1	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4
GE 3000	2.9	69.2	69.9	70.3	70.7	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 2500	3.0	71.2	72.0	72.6	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 2000	3.2	73.1	74.0	74.7	75.1	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1800	3.2	73.8	74.6	75.5	76.1	76.2	76.2	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 1500	3.2	76.4	77.7	78.6	79.1	79.6	79.8	80.0	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3
GE 1200	3.3	78.7	80.4	81.4	82.1	82.7	82.9	83.2	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.6
GE 1000	3.3	80.5	82.5	83.9	85.1	86.0	86.5	86.8	87.1	87.5	87.6	87.6	87.7	87.7	87.7	87.7
GE 900	3.3	80.6	83.0	84.4	86.2	86.8	87.3	87.7	87.9	88.3	88.5	88.6	88.6	88.6	88.6	88.6
GE 800	3.3	81.3	83.5	85.0	87.0	87.5	88.2	88.6	88.9	89.5	89.7	89.7	89.8	89.8	89.8	89.8
GE 700	3.3	81.4	83.8	85.5	88.0	88.5	89.4	89.9	90.2	90.9	91.1	91.2	91.3	91.3	91.3	91.3
GE 600	3.3	81.9	84.5	86.4	89.2	89.6	90.9	91.6	92.0	92.7	93.0	93.1	93.2	93.3	93.3	93.3
GE 500	3.3	82.6	84.6	86.6	89.7	90.4	91.8	92.6	93.1	94.0	94.3	94.4	94.5	94.6	94.6	94.7
GE 400	3.3	82.1	84.7	86.8	90.1	90.9	92.4	93.5	94.1	95.4	95.8	95.9	96.1	96.2	96.2	96.2
GE 300	3.3	82.1	84.8	86.8	90.2	91.1	92.8	93.9	94.7	96.3	96.8	96.9	97.2	97.3	97.4	97.4
GE 200	3.3	82.1	84.8	86.9	90.3	91.1	93.0	94.1	95.1	97.0	97.5	97.7	98.1	98.4	98.6	98.7
GE 100	3.3	82.1	84.8	86.9	90.3	91.1	93.0	94.2	95.1	97.1	97.8	97.9	98.6	98.8	99.3	99.8
GE 0	3.3	82.1	84.8	86.9	90.3	91.1	93.0	94.2	95.1	97.1	97.8	97.9	98.6	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 4495

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.1	36.4	37.4	38.6	40.1	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.6	40.9
GE 20000	33.2	39.9	41.3	42.5	44.4	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.9	45.2
GE 18000	33.2	39.9	41.3	42.5	44.4	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.9	45.2
GE 16000	33.2	39.9	41.3	42.5	44.4	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.9	45.2
GE 14000	33.2	40.2	41.6	42.8	44.7	44.7	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	45.2	45.5
GE 12000	33.4	40.6	42.1	43.3	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.6	45.9
GE 10000	33.4	42.8	44.3	45.5	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.8	48.1
GE 9000	33.4	42.8	44.3	45.5	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.8	48.1
GE 8000	33.4	44.7	46.2	47.4	49.3	49.3	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.9	50.1
GE 7000	33.4	45.9	47.4	48.6	50.4	50.4	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	51.0	51.3
GE 6000	33.4	46.5	47.9	49.1	51.0	51.0	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.6	51.9
GE 5000	33.4	47.5	49.0	50.1	52.1	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.6	52.9
GE 4500	33.5	49.6	51.0	52.2	54.1	54.1	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.7	55.0
GE 4000	33.7	50.3	51.8	52.9	55.3	55.3	55.3	55.4	55.6	55.6	55.7	55.7	55.7	55.7	56.0	56.3
GE 3500	33.7	51.2	52.9	54.0	56.2	56.2	56.2	56.5	56.6	56.7	56.7	56.9	56.9	56.9	57.2	57.5
GE 3000	33.7	53.2	54.8	56.0	58.5	58.7	58.9	59.1	59.2	59.2	59.4	59.4	59.4	59.4	59.7	60.0
GE 2500	33.8	54.6	56.6	58.1	60.6	60.7	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.6	61.9	62.2
GE 2000	33.8	57.2	59.1	60.6	63.2	63.3	64.1	64.4	64.5	64.5	64.7	64.7	64.7	64.7	65.0	65.2
GE 1800	33.8	57.6	59.5	61.0	63.4	63.9	64.7	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.5	65.6
GE 1500	34.3	61.9	63.9	66.0	69.2	69.4	70.5	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.4	71.7
GE 1200	34.3	63.5	65.6	67.6	71.1	71.1	72.4	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.3	73.6
GE 1000	34.4	66.4	69.1	71.4	75.4	75.5	77.3	77.6	77.7	77.7	77.9	77.9	77.9	77.9	78.2	78.4
GE 900	34.4	67.2	70.1	72.4	76.4	77.0	78.7	79.0	79.3	79.3	79.5	79.5	79.5	79.5	79.8	80.1
GE 800	34.4	67.9	71.7	74.2	79.1	79.2	81.5	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.7	83.0
GE 700	34.4	68.2	72.1	74.6	79.9	79.9	82.8	83.3	83.6	83.7	83.9	83.9	83.9	83.9	84.2	84.5
GE 600	34.4	68.3	72.7	75.8	80.9	81.1	84.6	85.0	85.3	85.6	85.8	85.8	85.9	85.9	86.4	86.7
GE 500	34.4	68.6	73.0	76.1	81.5	82.4	86.7	87.1	87.7	88.9	89.4	89.4	89.9	89.9	90.3	90.6
GE 400	34.4	68.8	73.2	76.4	81.8	83.0	88.0	89.1	89.9	91.2	91.8	91.8	92.2	92.2	92.7	93.3
GE 300	34.4	68.8	73.2	76.5	82.0	83.1	88.3	89.7	90.6	92.1	92.8	92.8	93.7	93.7	94.4	95.0
GE 200	34.4	68.8	73.2	76.5	82.1	83.1	88.3	89.7	91.1	92.8	94.0	94.0	95.2	95.3	96.3	96.9
GE 100	34.4	68.8	73.2	76.5	82.1	83.1	88.3	89.7	91.1	92.8	94.0	94.0	95.3	95.6	96.6	99.9
GE 0	34.4	68.8	73.2	76.5	82.1	83.1	88.3	89.7	91.1	92.8	94.0	94.0	95.3	95.6	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.1	37.9	39.3	39.7	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	40.0
GE 20000	1.1	43.0	44.4	44.9	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.4
GE 18000	1.1	43.0	44.4	44.9	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.4
GE 16000	1.1	43.0	44.4	44.9	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.4
GE 14000	1.1	43.2	44.6	45.1	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.6
GE 12000	1.1	44.2	45.6	46.1	46.3	46.3	46.3	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.6
GE 10000	1.1	46.5	48.1	48.6	48.8	48.8	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.2
GE 9000	1.1	46.7	48.3	48.8	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.4
GE 8000	1.1	48.9	50.6	51.2	51.5	51.5	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.2
GE 7000	1.1	51.7	53.3	53.9	54.3	54.3	54.4	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.9
GE 6000	1.1	52.2	53.8	54.4	55.0	55.0	55.1	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.6
GE 5000	1.1	52.4	54.2	54.8	55.4	55.4	55.5	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0
GE 4500	1.1	53.8	55.6	56.3	56.9	56.9	57.1	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6
GE 4000	1.2	54.3	56.4	57.0	57.9	57.9	58.1	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6
GE 3500	1.2	55.4	57.6	58.4	59.2	59.2	59.5	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.0
GE 3000	1.2	56.0	58.4	59.2	60.3	60.3	60.6	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.2
GE 2500	1.5	57.6	60.1	61.3	62.7	62.7	62.9	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.6
GE 2000	1.5	61.7	65.2	66.5	68.3	68.4	68.8	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.4
GE 1800	1.5	62.5	66.2	67.4	69.3	69.4	69.6	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.4
GE 1500	1.5	65.1	69.1	70.6	74.1	74.6	75.0	75.2	75.2	75.7	75.8	75.8	75.8	75.8	75.8	76.0
GE 1200	1.5	66.9	71.4	73.5	77.3	77.8	78.3	78.8	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.7
GE 1000	1.5	68.5	73.9	76.6	81.2	81.7	82.3	83.0	83.1	83.8	83.9	83.9	84.1	84.1	84.1	84.3
GE 900	1.5	68.8	74.3	77.1	82.2	82.8	83.4	84.1	84.3	84.9	85.0	85.0	85.3	85.3	85.3	85.4
GE 800	1.5	69.6	75.5	78.3	83.6	84.5	85.3	86.1	86.2	87.0	87.1	87.1	87.4	87.4	87.4	87.5
GE 700	1.5	70.0	76.5	79.8	85.4	86.4	87.2	88.2	88.4	89.1	89.2	89.2	89.5	89.5	89.5	89.6
GE 600	1.5	70.1	76.6	79.9	85.6	86.6	87.6	88.7	88.8	89.8	90.1	90.1	90.3	90.3	90.3	90.5
GE 500	1.5	70.3	76.7	80.2	86.2	87.4	88.6	89.8	90.0	91.2	91.7	91.7	92.1	92.1	92.1	92.2
GE 400	1.5	70.3	76.7	80.4	86.5	87.6	89.0	90.6	91.3	93.2	93.7	93.8	94.4	94.4	94.7	94.8
GE 300	1.5	70.5	77.0	80.7	86.7	87.9	89.2	91.3	91.9	93.9	95.0	95.4	96.2	96.4	96.7	96.9
GE 200	1.5	70.5	77.0	80.7	86.9	88.0	89.3	91.4	92.2	94.4	95.7	96.2	97.0	97.5	97.9	98.3
GE 100	1.5	70.5	77.0	80.7	86.9	88.0	89.3	91.4	92.2	94.4	95.7	96.2	97.1	97.6	98.9	100.0
GE 0	1.5	70.5	77.0	80.7	86.9	88.0	89.3	91.4	92.2	94.4	95.7	96.2	97.1	97.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.3	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 20000	1.3	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 18000	1.3	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 16000	1.3	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 14000	1.3	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 12000	1.3	51.2	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 10000	1.3	55.4	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 9000	1.3	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 8000	1.3	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 7000	1.3	59.5	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 6000	1.3	60.6	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 5000	1.3	61.1	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 4500	1.3	62.0	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 4000	1.3	63.1	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 3500	1.4	63.9	64.3	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 3000	1.4	65.6	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 2500	1.5	68.7	69.7	70.3	70.4	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 2200	1.5	72.9	74.1	74.9	75.1	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 1800	1.5	73.8	75.1	76.0	76.7	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 1500	1.5	76.4	78.4	80.1	81.4	82.2	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1200	1.5	78.1	80.3	81.9	83.2	84.4	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.3	85.3
GE 1000	1.5	79.5	82.0	84.1	86.2	86.9	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.8	87.8
GE 900	1.5	80.3	83.2	85.4	87.5	88.6	89.1	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0
GE 800	1.5	80.5	83.6	86.1	88.2	89.5	90.4	91.0	91.1	91.2	91.2	91.2	91.6	91.6	91.7	91.7
GE 700	1.5	80.6	84.5	86.9	89.1	90.5	91.4	92.0	92.2	92.9	92.9	92.9	93.2	93.2	93.3	93.3
GE 600	1.5	80.7	84.7	87.0	89.2	91.0	91.9	92.7	92.9	93.8	93.8	93.6	94.2	94.2	94.3	94.3
GE 500	1.5	80.9	84.8	87.2	89.4	91.1	92.3	93.3	93.7	94.6	94.6	94.6	95.1	95.1	95.2	95.2
GE 400	1.5	80.9	85.1	87.5	90.1	91.6	93.1	94.3	94.6	95.8	95.8	95.8	96.3	96.3	96.4	96.4
GE 300	1.5	81.1	85.2	87.6	90.4	91.7	93.5	94.9	95.5	96.7	96.9	97.0	97.7	97.9	98.1	98.1
GE 200	1.5	81.3	85.3	87.8	90.4	91.7	93.5	94.9	95.6	96.9	97.3	97.4	98.5	98.6	98.9	99.0
GE 100	1.5	81.3	85.3	87.8	90.4	91.7	93.5	94.9	95.6	96.9	97.3	97.6	98.8	98.9	99.6	100.0
GE 0	1.5	81.6	85.3	87.8	90.4	91.7	93.5	94.9	95.6	96.9	97.3	97.6	98.8	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 641

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
GE CEIL	1.0	41.3	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	1.0	48.6	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 18000	1.0	49.5	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 16000	1.0	49.5	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 14000	1.0	49.9	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 12000	1.0	51.9	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 10000	1.0	55.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 9000	1.0	56.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 8000	1.0	59.6	60.7	60.8	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 7000	1.0	60.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 6000	1.0	61.4	62.5	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 5000	1.0	62.6	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 4500	1.0	63.4	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 4000	1.0	64.2	65.4	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 3500	1.0	65.2	66.4	66.5	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 3000	1.0	67.3	69.1	69.2	69.4	69.6	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 2500	1.0	71.6	73.4	73.6	73.8	73.8	74.5	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 2200	1.0	75.1	77.0	77.2	77.4	77.4	78.9	79.5	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	1.0	75.4	77.3	77.5	77.7	77.8	80.5	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4
GE 1800	1.1	79.5	81.5	81.7	81.9	82.1	84.6	86.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3
GE 1600	1.1	80.2	82.4	82.6	82.8	82.9	85.7	87.7	88.6	88.9	89.4	89.6	89.6	89.6	89.6	89.6
GE 1400	1.1	84.5	86.8	87.0	87.2	87.3	90.4	91.7	92.6	92.9	93.3	93.6	93.8	93.8	93.8	93.8
GE 1200	1.1	91.1	93.5	93.8	93.9	94.0	96.1	96.8	97.1	97.3	97.6	97.8	92.8	92.8	92.8	92.8
GE 1000	1.1	91.7	94.1	94.3	94.4	94.5	96.3	96.9	97.3	97.4	97.8	94.5	94.5	94.5	94.5	94.5
GE 900	1.1	91.9	94.3	94.5	94.6	94.7	96.5	97.1	97.5	97.6	98.0	98.2	95.2	95.2	95.2	95.2
GE 800	1.1	91.9	94.3	94.5	94.6	94.7	96.5	97.1	97.5	97.6	98.0	98.2	95.5	95.5	95.5	95.5
GE 700	1.1	91.9	94.3	94.5	94.6	94.7	96.5	97.1	97.5	97.6	98.0	98.2	96.5	96.7	96.7	96.7
GE 600	1.1	91.9	94.3	94.5	94.6	94.7	96.5	97.1	97.5	97.6	98.0	98.2	97.6	97.6	97.6	97.6
GE 500	1.1	91.9	94.3	94.5	94.6	94.7	96.5	97.1	97.5	97.6	98.0	98.2	98.5	98.3	98.3	98.7
GE 400	1.1	91.9	94.3	94.5	94.6	94.7	96.5	97.1	97.5	97.6	98.0	98.2	98.5	98.9	99.4	99.8
GE 300	1.1	91.9	94.3	94.5	94.6	94.7	96.5	97.1	97.5	97.6	98.0	98.2	98.5	98.9	99.4	100.0
GE 200	1.1	91.9	94.3	94.5	94.6	94.7	96.5	97.1	97.5	97.6	98.0	98.2	98.5	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 414

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	3.2	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 20000	3.8	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	3.8	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 16000	3.8	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 14000	3.8	52.1	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000	3.8	53.4	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 10000	4.2	57.1	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 9000	4.2	57.6	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 8000	4.2	59.4	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 7000	4.2	59.9	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 6000	4.4	61.1	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 5000	4.7	62.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 4500	4.8	64.2	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 4000	4.8	64.7	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 3500	4.9	65.5	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 3000	5.2	67.8	69.1	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 2500	5.4	71.3	72.6	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 2000	5.4	75.4	77.3	77.8	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1800	5.4	76.7	78.9	79.4	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1500	5.7	79.6	81.5	82.7	83.7	83.7	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1200	5.8	80.3	82.7	84.0	85.5	85.5	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1000	6.0	80.9	83.8	85.7	87.4	87.4	87.9	87.8	88.1	88.6	88.6	88.7	88.7	88.7	88.7	88.7
GE 900	6.0	81.5	84.3	86.3	88.1	88.1	88.5	88.5	88.7	89.2	89.2	89.5	89.5	89.5	89.5	89.5
GE 800	6.0	82.0	85.7	87.7	90.1	90.5	90.9	90.9	91.4	92.0	92.0	92.2	92.2	92.2	92.2	92.2
GE 700	6.0	82.2	86.1	88.2	90.9	91.4	91.8	92.1	92.7	93.6	93.6	93.9	93.9	93.9	94.0	94.0
GE 600	6.0	82.2	86.3	88.5	91.4	92.0	92.6	93.1	93.8	94.7	94.9	95.2	95.2	95.2	95.3	95.3
GE 500	6.0	82.2	86.3	88.7	91.7	92.3	93.1	93.6	94.4	95.7	96.0	96.5	96.6	96.6	96.9	96.9
GE 400	6.0	82.5	86.5	89.0	92.1	92.7	93.5	94.4	95.2	96.8	97.1	97.7	97.8	97.8	98.1	98.1
GE 300	6.0	82.5	86.5	89.0	92.1	92.7	93.5	94.4	95.2	96.8	97.1	97.9	98.1	98.2	98.4	98.6
GE 200	6.0	82.5	86.5	89.0	92.1	92.7	93.6	94.6	95.3	97.0	97.4	98.2	98.3	98.6	99.0	99.5
GE 100	6.0	82.5	86.5	89.0	92.1	92.9	93.6	94.8	95.6	97.3	97.8	98.6	98.7	99.0	99.4	100.0
GE 0	6.0	82.5	86.5	89.0	92.1	92.9	93.6	94.8	95.6	97.3	97.8	98.6	98.7	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 78-81,85-87
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	8.1	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	8.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 18000	8.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 16000	8.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 14000	8.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 12000	8.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 10000	9.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 9000	9.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 8000	9.9	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 7000	9.9	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 6000	10.5	55.8	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 5000	11.0	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 4500	11.0	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 4000	11.0	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 3500	11.0	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 3000	11.0	63.4	64.1	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 2500	11.6	65.7	66.9	67.4	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 2000	11.6	70.3	72.1	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 1800	12.2	72.7	74.4	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 1500	12.2	75.6	77.9	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 1200	13.4	77.9	80.2	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1000	13.4	79.1	81.4	83.1	85.9	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 900	13.4	80.6	83.1	84.9	87.1	87.8	87.8	87.8	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 800	13.4	82.0	84.9	86.6	89.1	90.1	90.1	90.7	90.7	91.3	91.9	91.9	91.9	91.9	91.9	91.9
GE 700	13.4	82.0	85.5	87.2	91.1	90.7	90.7	91.3	91.3	91.9	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	13.4	82.6	86.0	88.4	93.1	94.2	94.2	94.6	94.8	95.3	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	13.4	83.1	87.2	89.5	94.4	95.3	95.3	95.9	95.9	96.5	97.1	97.1	97.7	97.7	97.7	97.7
GE 400	13.4	83.1	87.2	89.5	94.4	95.3	95.3	95.9	95.9	97.1	97.7	97.7	98.3	98.3	98.3	98.3
GE 300	13.4	83.1	87.2	89.5	94.4	95.3	95.3	95.9	95.9	97.1	97.7	97.7	98.3	98.3	98.3	98.8
GE 200	13.4	83.1	87.2	89.5	94.4	95.3	95.3	96.5	96.5	97.7	98.3	98.3	98.8	98.8	98.8	99.4
GE 100	13.4	83.1	87.2	89.5	94.4	95.3	95.3	96.5	96.5	97.7	98.3	98.3	98.8	98.8	99.4	100.0
GE 0	13.4	83.1	87.2	89.5	94.4	95.3	95.3	96.5	96.5	97.7	98.3	98.3	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 172

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.2	41.6	41.7	42.6	42.7	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.4
GE 20000	2.3	46.6	47.4	47.7	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.3
GE 18000	2.3	46.7	47.5	47.8	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.4
GE 16000	2.3	46.7	47.5	47.8	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4
GE 14000	2.3	47.3	48.1	48.4	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0
GE 12000	2.3	48.5	49.4	49.7	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3
GE 10000	2.4	51.9	52.8	53.1	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7
GE 9000	2.4	52.2	53.1	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.1
GE 8000	2.4	54.5	55.4	55.8	56.2	56.2	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.5
GE 7000	2.4	55.6	56.6	57.2	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.9
GE 6000	2.5	56.5	57.6	57.9	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7
GE 5000	2.6	57.6	58.7	59.1	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
GE 4500	2.6	58.9	60.1	60.5	61.0	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.3
GE 4000	2.7	59.7	60.9	61.2	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.2
GE 3500	2.7	60.5	61.6	62.2	62.9	62.9	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3
GE 3000	2.9	62.3	63.9	64.4	65.2	65.3	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.8
GE 2500	3.0	65.2	66.3	67.6	68.6	68.6	68.8	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.2
GE 2000	3.0	68.9	71.0	71.9	73.0	73.1	73.5	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.9	73.9
GE 1800	3.0	69.8	72.1	73.0	74.4	74.5	74.9	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.3
GE 1600	3.1	72.9	75.7	77.2	79.2	79.5	80.1	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.6
GE 1400	3.2	74.3	77.3	78.9	81.4	81.7	82.3	82.5	82.6	82.9	83.0	83.0	83.0	83.0	83.1	83.1
GE 1200	3.3	75.6	79.0	81.1	84.2	84.4	85.1	85.4	85.5	85.9	86.0	86.1	86.1	86.1	86.2	86.3
GE 1000	3.3	76.2	79.9	82.0	85.2	85.7	86.5	86.9	87.1	87.5	87.6	87.7	87.7	87.7	87.8	87.9
GE 900	3.3	76.6	81.0	83.3	86.7	87.4	88.4	88.9	89.2	89.6	89.7	89.8	89.9	89.9	90.0	90.1
GE 800	3.3	77.0	81.5	84.0	87.6	88.3	89.5	90.1	90.4	91.1	91.2	91.3	91.4	91.4	91.5	91.6
GE 700	3.3	77.1	81.8	84.3	88.2	88.9	90.3	91.0	91.4	92.2	92.3	92.4	92.6	92.6	92.7	92.8
GE 600	3.3	77.2	81.9	84.6	88.6	89.5	91.1	92.0	92.6	93.6	93.9	94.1	94.4	94.4	94.5	94.6
GE 400	3.3	77.3	82.1	84.8	88.9	89.9	91.7	93.0	93.7	95.0	95.3	95.5	95.9	95.9	96.1	96.2
GE 300	3.3	77.4	82.2	84.9	89.1	90.0	91.9	93.3	94.1	95.6	96.1	96.5	96.9	97.0	97.4	97.6
GE 200	3.3	77.4	82.2	84.9	89.2	90.1	92.0	93.4	94.3	95.9	96.7	97.0	97.7	97.9	98.4	98.8
GE 100	3.3	77.4	82.2	84.9	89.3	90.1	92.0	93.5	94.4	96.0	96.7	97.1	97.9	98.1	98.9	100.0
GE 0	3.3	77.4	82.2	84.9	89.2	90.1	92.0	93.5	94.4	96.0	96.7	97.1	97.9	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 4092

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.5	39.2	39.6	40.2	40.6	40.8	40.8	40.9	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 20000	1.5	42.6	43.4	44.1	44.7	44.9	44.9	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 18000	1.5	43.0	43.7	44.4	44.9	45.2	45.2	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 16000	1.5	43.0	43.7	44.4	44.9	45.2	45.2	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 14000	1.5	43.2	43.9	44.5	45.1	45.3	45.3	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 12000	1.5	44.5	45.2	45.9	46.5	46.8	46.8	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 10000	1.5	46.5	47.5	48.1	48.8	49.1	49.1	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 9000	1.5	46.7	47.6	48.3	48.9	49.2	49.2	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 8000	1.5	48.4	49.7	50.7	51.3	51.6	51.6	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 7000	1.5	49.9	51.2	52.1	52.8	53.1	53.1	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 6000	1.5	50.0	51.3	52.3	53.1	53.3	53.3	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 5000	1.5	52.3	53.6	54.5	55.5	55.7	55.7	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 4500	1.5	53.9	55.2	56.1	57.2	57.6	57.6	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4000	1.5	54.9	56.3	57.2	58.3	58.7	58.7	59.1	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6
GE 3500	1.5	55.6	57.1	58.3	59.4	59.8	59.8	60.2	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7
GE 3000	1.5	56.7	58.2	59.4	60.4	61.0	61.0	61.4	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9
GE 2500	1.5	59.0	60.6	62.2	63.5	64.0	64.2	64.6	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1
GE 2000	1.5	62.6	65.2	67.0	68.9	69.4	69.7	70.1	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6
GE 1800	1.5	63.6	66.0	67.8	69.7	70.2	70.5	70.9	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4
GE 1500	1.5	67.0	69.8	71.7	74.1	74.7	75.0	75.4	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9
GE 1200	1.5	68.3	71.3	73.3	75.8	76.6	77.0	77.4	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 1000	1.5	69.4	72.7	75.1	77.9	78.7	79.5	79.9	80.3	80.7	80.9	80.9	80.9	80.9	80.9	80.9
GE 900	1.5	69.7	73.5	76.1	79.2	80.1	81.0	81.4	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4
GE 800	1.5	70.9	74.9	77.7	80.6	81.7	82.8	83.2	83.6	84.0	84.1	84.2	84.2	84.2	84.2	84.2
GE 700	1.6	72.2	76.5	79.5	82.6	84.1	86.1	86.9	87.3	88.2	88.4	88.6	88.6	88.6	88.6	88.6
GE 600	1.6	73.1	77.5	81.1	84.5	86.2	88.6	89.7	90.2	91.2	91.3	91.6	91.7	91.8	91.8	91.8
GE 500	1.6	73.4	77.9	81.6	85.0	87.3	90.1	91.6	92.2	93.2	93.6	93.9	94.0	94.1	94.1	94.1
GE 400	1.6	73.4	77.9	81.7	85.5	87.7	91.3	92.9	93.6	94.5	95.2	95.6	95.9	96.1	96.1	96.4
GE 300	1.6	73.4	77.9	81.7	86.1	87.8	91.6	93.2	94.0	95.3	96.0	96.4	96.8	97.1	97.3	97.5
GE 200	1.6	73.4	77.9	81.7	86.1	88.0	91.7	93.3	94.4	95.9	96.5	96.9	97.3	97.9	98.3	99.1
GE 100	1.6	73.4	77.9	81.7	86.1	88.0	91.7	93.3	94.4	95.9	96.5	96.9	97.5	98.1	98.8	100.0
GE 0	1.6	73.4	77.9	81.7	86.	88.0	91.7	93.3	94.4	95.9	96.5	96.9	97.5	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 748

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.6	41.2	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 20000	.6	48.3	48.7	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 18000	.6	48.4	48.8	49.1	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 16000	.6	48.4	48.8	49.1	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 14000	.6	48.6	49.1	49.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 12000	.6	49.4	49.8	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 10000	.6	51.1	51.5	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 9000	.6	51.4	51.8	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 8000	.6	53.5	54.2	54.4	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 7000	.6	55.3	56.1	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 6000	.6	55.5	56.3	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 5000	.6	57.1	57.9	58.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 4500	.6	57.7	58.4	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4000	.6	58.7	59.4	60.0	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 3500	.6	60.2	61.0	61.6	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 3000	.6	62.1	62.9	63.7	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 2500	.6	64.4	65.6	66.4	67.4	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 2000	.6	66.9	68.4	69.5	70.9	71.3	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 1800	.6	67.7	69.2	70.5	72.1	72.4	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 1500	.6	71.2	73.2	74.7	76.6	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1200	.6	73.6	76.3	78.1	80.1	80.4	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1000	.6	75.0	78.2	80.8	83.1	83.9	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 900	.6	75.2	78.9	81.6	84.2	85.4	85.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 800	.6	75.8	80.0	83.0	86.2	87.5	87.8	88.2	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 700	.6	76.5	81.3	84.9	88.4	90.1	90.6	91.2	91.4	91.8	92.0	92.0	92.1	92.1	92.1	92.1
GE 600	.6	77.3	82.3	86.3	89.9	91.6	92.4	93.4	93.9	94.3	94.4	94.4	94.5	94.5	94.5	94.5
GE 500	.6	77.5	83.0	86.9	91.7	93.2	94.2	95.4	95.9	96.3	96.5	96.5	96.6	96.6	96.6	96.6
GE 400	.6	77.9	83.4	87.3	91.7	94.1	95.2	96.8	97.2	97.8	98.1	98.2	98.3	98.3	98.3	98.5
GE 300	.6	78.0	83.5	87.4	92.0	94.3	95.4	97.2	97.7	98.3	98.8	98.9	99.0	99.1	99.1	99.6
GE 200	.6	78.0	83.5	87.4	92.0	94.3	95.4	97.2	97.7	98.3	99.0	99.1	99.2	99.3	99.3	99.9
GE 100	.6	78.0	83.5	87.4	92.0	94.3	95.4	97.2	97.7	98.3	99.0	99.1	99.3	99.4	99.4	100.0
GE 0	.6	78.0	83.5	87.4	92.0	94.3	95.4	97.2	97.7	98.3	99.0	99.1	99.3	99.4	99.4	100.0

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: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.0	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 20000	1.1	52.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 18000	1.1	53.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 16000	1.1	53.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 14000	1.1	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 12000	1.1	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 10000	1.1	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 9000	1.1	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 8000	1.1	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 7000	1.1	59.2	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 6000	1.1	60.0	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 5000	1.1	61.1	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 4500	1.1	61.9	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 4000	1.1	62.4	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 3500	1.1	63.8	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 3000	1.2	66.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 2500	1.2	70.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 2000	1.2	74.4	75.9	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 1800	1.2	75.2	77.0	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1500	1.2	79.2	81.2	82.3	82.9	82.9	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	1.2	80.5	83.5	84.8	85.7	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1000	1.2	82.1	86.0	86.0	89.2	89.3	89.5	89.7	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 900	1.2	82.3	86.3	88.6	90.1	90.3	90.5	90.7	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1
GE 800	1.2	82.7	86.8	89.5	91.4	91.5	91.7	91.9	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4
GE 700	1.2	83.4	87.6	90.5	92.7	92.8	93.0	93.3	93.4	93.7	93.8	93.8	94.0	94.0	94.0	94.0
GE 600	1.2	83.5	88.2	91.4	93.9	94.1	94.6	95.1	95.2	95.7	95.9	95.9	96.0	96.0	96.0	96.0
GE 500	1.2	83.9	89.0	92.2	95.1	95.7	96.5	97.3	97.4	97.9	98.3	98.3	98.4	98.4	98.4	98.4
GE 400	1.2	83.9	89.2	92.5	96.2	96.5	97.5	98.3	98.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	1.2	83.9	89.2	92.5	96.3	96.5	97.5	98.4	98.6	99.2	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	1.2	83.9	89.2	92.5	96.4	96.5	97.5	98.4	98.7	99.4	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	1.2	83.9	89.2	92.5	96.4	96.5	97.5	98.4	98.7	99.4	99.8	99.8	99.9	99.9	99.9	100.0
GE 0	1.2	83.9	89.2	92.5	96.4	96.5	97.5	98.4	98.7	99.4	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.4	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 20000	.4	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 18000	.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 16000	.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 14000	.4	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 12000	.4	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 10000	.4	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 9000	.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 8000	.4	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 7000	.4	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 6000	.4	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 5000	.4	64.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 4500	.6	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 4000	.6	66.8	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 3500	.6	68.3	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3000	.8	72.6	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 2500	.8	76.5	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2000	.8	79.5	81.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1800	.8	80.5	82.3	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1500	.8	83.4	85.3	86.1	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1200	.8	84.7	86.7	87.8	88.5	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	.8	86.0	88.3	89.5	90.4	90.9	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 900	.8	86.0	88.3	90.0	90.9	91.3	91.6	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	.8	86.8	89.7	91.6	92.6	93.2	93.5	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	.8	87.0	89.9	92.1	93.3	93.9	94.2	94.6	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 600	.8	87.3	90.4	92.8	94.1	94.6	95.5	96.1	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	.8	87.4	90.5	93.3	94.8	95.7	96.5	97.1	97.1	97.4	97.7	97.9	98.0	98.0	98.0	98.0
GE 400	.8	87.4	90.5	93.4	95.2	96.1	97.2	97.8	97.8	98.4	98.8	99.0	99.1	99.1	99.1	99.1
GE 300	.8	87.4	90.5	93.4	95.2	96.1	97.2	97.8	98.0	98.8	99.3	99.6	99.7	99.7	99.7	99.7
GE 200	.8	87.4	90.5	93.4	95.2	96.1	97.2	97.8	98.0	98.9	99.4	99.9	100.0	100.0	100.0	100.0
GE 100	.8	87.4	90.5	93.4	95.2	96.1	97.2	97.8	98.0	98.9	99.4	99.9	100.0	100.0	100.0	100.0
GE 0	.8	87.4	90.5	93.4	95.2	96.1	97.2	97.8	98.0	98.9	99.4	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 997

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	3.4	46.3	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 20000	3.6	53.5	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 18000	3.6	54.1	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 16000	3.6	54.1	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 14000	3.6	54.5	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	3.6	55.6	55.8	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 10000	3.7	57.4	57.6	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 9000	3.7	57.4	57.6	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 8000	3.7	59.6	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 7000	3.7	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 6000	3.7	62.3	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 5000	3.9	65.0	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 4500	3.9	67.6	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4000	3.9	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3500	3.9	70.1	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 3000	4.3	74.4	74.6	74.7	75.1	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 2500	4.3	77.5	77.8	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2000	4.4	80.9	81.7	82.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1800	4.5	81.4	82.3	82.9	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500	4.6	83.1	84.8	85.7	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1200	4.6	84.3	86.2	87.7	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	4.6	85.1	87.5	89.6	90.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	4.6	85.4	88.1	90.3	91.4	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	4.6	85.7	88.4	91.1	92.2	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	4.6	86.3	89.1	92.0	93.3	93.9	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 600	4.6	86.5	89.5	92.3	93.5	94.8	95.8	95.9	96.0	96.0	96.1	96.3	96.3	96.3	96.3	96.3
GE 500	4.6	87.0	89.9	93.1	94.7	95.8	96.8	97.1	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6
GE 400	4.6	87.2	90.1	93.3	95.2	96.1	97.6	98.0	98.1	98.4	98.5	98.6	98.8	98.8	98.8	98.8
GE 300	4.6	87.2	90.1	93.3	95.2	96.1	97.7	98.1	98.2	98.9	99.0	99.2	99.3	99.3	99.3	99.3
GE 200	4.6	87.2	90.1	93.3	95.2	96.1	97.7	98.1	98.2	98.9	99.1	99.3	99.5	99.5	99.5	99.5
GE 100	4.6	87.2	90.1	93.3	95.2	96.1	97.7	98.1	98.2	99.0	99.2	99.4	99.9	99.9	100.0	100.0
GE 0	4.6	87.2	90.1	93.3	95.2	96.1	97.7	98.1	98.2	99.0	99.2	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 963

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 78-81,85-87
MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	10.4	53.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	10.4	58.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	10.4	58.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 16000	10.4	58.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 14000	10.4	58.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 12000	10.9	59.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 10000	10.9	62.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	10.9	62.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	10.9	62.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 7000	10.9	63.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	10.9	64.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	11.4	66.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	11.4	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4000	11.4	70.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 3500	11.4	72.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000	12.4	76.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2500	12.4	78.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2000	12.4	80.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1800	12.4	81.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1500	12.9	83.6	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	12.9	84.1	86.1	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	13.4	85.1	89.1	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 900	13.4	86.1	90.0	90.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	13.4	86.6	91.0	91.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 700	13.4	86.6	91.0	91.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 600	13.4	87.6	92.0	93.5	94.5	94.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	13.4	87.6	92.0	93.5	94.5	94.5	96.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	13.4	87.6	92.0	93.5	95.0	95.0	97.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	13.4	87.6	92.0	93.5	95.0	95.0	97.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	13.4	87.6	92.0	93.5	95.5	95.5	98.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	13.4	87.6	92.0	93.5	95.5	95.5	98.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 0	13.4	87.6	92.0	93.5	95.5	95.5	98.0	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 201

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.8	44.3	44.7	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 20000	1.8	50.7	51.1	51.2	51.3	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 18000	1.8	51.0	51.4	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 16000	1.8	51.0	51.4	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	1.8	51.4	51.8	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 12000	1.8	52.3	52.7	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 10000	1.9	54.4	54.8	55.0	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 9000	1.9	54.5	55.0	55.1	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 8000	1.9	56.6	57.2	57.4	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 7000	1.9	57.9	58.6	58.8	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 6000	1.9	58.8	59.5	59.6	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 5000	1.9	60.5	61.3	61.5	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4500	1.9	62.0	62.7	62.9	63.2	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 4000	1.9	62.9	63.7	64.0	64.4	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 3500	1.9	64.2	65.0	65.4	65.7	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0
GE 3000	2.1	67.1	68.0	68.4	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 2500	2.1	70.1	71.2	71.7	72.0	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 2000	2.2	73.6	75.1	76.0	76.7	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1800	2.2	74.3	76.0	77.0	77.7	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1500	2.2	77.4	79.5	80.6	81.4	82.0	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1200	2.2	78.9	81.3	82.8	84.2	84.4	84.6	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1000	2.2	80.1	83.2	85.1	86.7	87.2	87.5	87.6	87.7	87.9	87.9	87.9	88.0	88.0	88.0	88.0
GE 900	2.2	80.3	83.6	85.6	87.4	88.2	88.5	88.6	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 800	2.2	81.0	84.6	87.1	89.2	89.7	90.1	90.3	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8
GE 700	2.3	81.6	85.4	88.2	90.4	91.2	91.9	92.3	92.4	92.6	92.9	92.9	93.0	93.0	93.0	93.0
GE 600	2.3	82.1	86.2	89.2	91.6	92.6	93.6	94.3	94.5	94.9	95.0	95.1	95.2	95.2	95.2	95.2
GE 500	2.3	82.4	86.6	89.9	92.5	93.8	95.1	95.9	96.1	96.6	96.9	97.0	97.1	97.1	97.1	97.1
GE 400	2.3	82.5	86.8	90.1	93.1	94.4	96.0	96.9	97.2	97.8	98.1	98.3	98.4	98.5	98.5	98.5
GE 300	2.3	82.5	86.8	90.1	93.2	94.4	96.1	97.1	97.5	98.2	98.7	98.8	99.0	99.1	99.1	99.3
GE 200	2.3	82.5	86.8	90.1	93.2	94.5	96.2	97.2	97.6	98.4	98.9	99.1	99.3	99.4	99.5	99.7
GE 100	2.3	82.5	86.8	90.1	93.2	94.5	96.2	97.2	97.6	98.4	98.9	99.1	99.4	99.5	99.6	100.0
GE 0	2.3	82.5	86.8	90.1	93.2	94.5	96.2	97.2	97.6	98.4	98.9	99.1	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 4552

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.6	46.8	48.1	48.6	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	1.6	50.7	52.2	52.6	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 18000	1.6	51.4	52.8	53.5	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	1.6	51.4	52.8	53.5	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	1.6	51.5	52.9	53.6	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	1.6	52.2	53.7	54.4	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 10000	1.6	55.6	57.4	58.0	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	1.6	55.9	57.5	58.2	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 8000	1.6	58.6	60.1	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 7000	1.6	60.3	61.8	62.7	62.9	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000	1.6	61.6	63.1	64.2	64.3	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 5000	1.6	64.7	66.4	67.6	67.7	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	1.6	65.9	67.7	68.9	69.4	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	1.6	67.2	69.0	70.2	70.4	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3500	1.6	68.1	70.3	71.5	72.2	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 3000	1.6	69.4	71.6	72.8	73.6	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 2500	1.6	71.1	73.3	74.5	75.2	75.8	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 2000	1.6	73.3	76.1	77.4	78.4	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1800	1.6	73.7	76.5	77.9	79.0	79.5	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 1500	1.6	75.3	78.1	79.7	80.9	81.4	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
GE 1200	1.6	77.1	79.9	81.7	83.0	83.7	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4
GE 1000	1.6	78.3	81.2	83.4	85.1	86.4	86.8	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.6
GE 900	1.7	78.3	81.3	83.5	85.4	86.7	87.2	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	88.0
GE 800	1.6	79.0	82.2	84.4	86.7	87.6	88.2	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0
GE 700	1.6	79.7	83.1	85.4	87.6	88.5	89.3	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.1
GE 600	1.6	80.1	83.9	86.5	89.4	90.3	91.1	92.4	92.4	92.5	92.8	92.8	92.8	92.8	92.8	92.9
GE 500	1.6	80.3	84.3	87.3	90.5	91.4	92.3	93.7	93.7	94.0	94.4	94.4	94.4	94.4	94.4	94.5
GE 400	1.6	80.4	84.6	87.6	90.7	92.0	93.3	94.9	95.3	95.8	96.2	96.2	96.3	96.3	96.3	96.5
GE 300	1.6	80.4	84.6	87.6	90.9	92.0	93.6	95.4	96.5	97.3	97.9	97.9	98.0	98.2	98.2	98.3
GE 200	1.6	80.4	84.6	87.6	90.9	92.0	93.7	95.7	96.7	97.5	98.4	98.4	98.8	99.0	99.1	99.3
GE 100	1.6	80.4	84.6	87.6	90.9	92.6	93.7	95.7	96.7	97.5	98.4	98.4	99.0	99.1	99.5	100.0
GE 0	1.6	80.4	84.6	87.6	90.9	92.6	93.7	95.7	96.7	97.5	98.4	98.4	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.4	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	1.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 18000	1.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 16000	1.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 14000	1.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 12000	1.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	1.5	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 9000	1.5	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 8000	1.5	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 7000	1.5	64.6	64.6	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 6000	1.5	66.3	66.5	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	1.5	69.0	69.4	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4500	1.5	70.6	70.7	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4000	1.5	70.8	71.0	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 3500	1.5	71.6	72.5	72.9	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3000	1.5	73.6	74.6	75.2	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2500	1.5	75.2	76.3	76.9	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2000	1.5	78.7	80.6	80.6	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1800	1.5	79.5	80.9	81.7	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1500	1.5	81.7	83.5	84.4	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200	1.5	84.1	85.9	86.9	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	1.5	86.1	88.3	89.5	90.5	90.5	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	1.5	86.5	88.9	90.6	91.6	91.6	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	1.5	86.9	89.5	91.4	92.4	92.6	92.9	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
GE 700	1.5	87.1	89.7	91.8	93.0	93.2	93.7	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	1.5	88.4	91.0	93.5	94.9	95.1	95.6	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	1.5	98.7	91.4	93.9	95.7	96.0	96.6	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	1.5	89.1	91.8	94.2	96.4	96.7	97.5	98.2	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	1.5	89.2	92.0	94.5	96.6	97.0	98.0	98.8	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	1.5	89.2	92.0	94.5	96.7	97.0	98.0	98.8	99.0	99.3	99.8	99.9	99.9	99.9	99.9	99.9
GE 100	1.5	89.2	92.0	94.5	96.8	97.0	98.0	98.8	99.0	99.3	99.8	99.9	99.9	99.9	100.0	100.0
GE 0	1.5	89.2	92.0	94.5	96.8	97.0	98.0	98.8	99.0	99.3	99.8	99.9	99.9	99.9	100.0	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: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.7	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 20000	1.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 18000	1.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 16000	1.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 14000	1.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	1.7	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 10000	1.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 9000	1.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 8000	1.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 7000	1.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 6000	1.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 5000	1.8	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 4500	1.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4000	1.8	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 3500	1.8	70.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3000	1.8	75.8	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2500	1.8	80.2	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2000	1.8	83.1	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1800	1.8	83.8	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1500	1.8	85.6	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	1.8	88.2	89.4	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	1.8	91.2	92.6	93.1	93.3	93.5	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	1.8	91.7	93.2	93.5	94.1	94.3	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 800	1.8	92.5	94.0	94.9	95.4	95.4	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	1.8	93.1	94.6	95.8	96.2	96.7	97.2	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 600	1.8	93.5	95.2	96.2	97.1	97.1	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
GE 500	1.8	94.1	95.8	96.8	97.6	97.8	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 400	1.8	94.2	95.9	96.9	97.8	97.9	98.4	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 300	1.8	94.2	95.9	96.9	98.0	98.0	98.5	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 200	1.8	94.2	95.9	96.9	98.0	98.0	98.5	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	1.8	94.2	95.9	96.9	98.0	98.0	98.5	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	1.8	94.2	95.9	96.9	98.0	98.0	98.5	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2[illegible]4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEAVENWORTH MUNI MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	1.9	44.7	44.8	44.9	44.	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000	1.9	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 18000	1.9	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 16000	1.9	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 14000	1.9	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 12000	1.9	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 10000	2.0	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	2.0	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	2.0	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 7000	2.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 6000	2.0	64.3	64.5	64.5	64.	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 5000	2.0	66.6	67.2	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4500	2.0	69.3	69.7	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	2.0	72.5	72.8	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500	2.0	73.8	74.1	74.2	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3000	2.0	81.1	81.5	81.6	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	2.4	84.4	84.8	85.2	86.1	86.3	86.6	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000	2.4	85.2	85.9	86.5	87.4	87.5	87.8	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	2.4	86.1	86.4	87.5	88.4	88.5	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1000	2.4	87.7	88.4	89.4	90.2	90.5	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	2.4	89.1	90.4	91.5	92.7	92.8	93.2	93.5	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 800	2.4	90.6	92.3	93.2	94.4	94.5	94.9	95.3	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	2.4	90.7	92.6	93.3	94.5	94.7	95.0	95.5	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	2.4	91.2	93.0	93.8	95.	95.1	95.5	95.9	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	2.4	91.3	93.4	94.5	96.1	96.3	96.7	97.2	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	2.4	91.6	94.1	95.1	96.7	96.9	97.4	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	2.4	91.7	94.2	95.3	97.1	97.6	98.1	98.5	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	2.4	92.1	94.4	95.5	97.2	97.6	98.4	98.9	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	2.4	92.2	94.4	95.5	97.2	97.6	98.4	98.9	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0
GE 50	2.4	92.2	94.4	95.5	97.2	97.6	98.4	98.9	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0
GE 0	2.4	92.2	94.4	95.5	97.2	97.6	98.4	98.9	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS : 944

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 20000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 18000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 10000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 7000	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 5000	68.3	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4500	71.0	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	73.4	74.1	74.1	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	75.9	76.6	76.8	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3000	79.9	81.2	81.3	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500	82.5	83.8	84.1	85.2	85.2	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	85.5	87.2	87.5	88.9	89.0	89.0	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1800	85.9	87.4	87.9	89.3	89.4	89.4	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1500	87.9	89.5	90.1	91.5	91.7	91.7	91.9	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	88.9	91.1	91.9	93.7	93.9	93.9	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	89.6	92.1	92.9	94.6	94.9	94.9	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	89.6	92.1	92.9	94.6	95.0	95.0	95.2	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	90.2	92.6	93.6	95.3	95.6	95.6	96.0	96.4	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8
GE 700	90.3	92.6	93.6	95.4	96.0	96.0	96.3	96.6	96.6	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 600	90.7	93.1	94.3	96.0	96.5	96.5	97.1	97.4	97.4	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 500	91.0	93.3	94.6	96.4	97.2	97.2	97.8	98.1	98.1	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 400	91.4	93.7	95.0	97.0	97.5	97.5	98.1	98.6	98.6	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 300	91.4	93.7	95.1	97.1	97.5	97.5	98.4	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	91.4	93.7	95.3	97.3	97.5	97.5	98.4	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	91.4	93.7	95.3	97.3	97.5	97.5	98.5	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	91.4	93.7	95.3	97.3	97.5	97.5	98.5	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 956

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724497 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-81,85-86
MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.5	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	21.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 18000	21.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 16000	21.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 14000	21.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 12000	21.5	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 10000	22.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	22.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000	22.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	22.6	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 6000	22.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 5000	23.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	24.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	25.1	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	25.6	79.5	80.5	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	25.6	83.6	84.6	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	27.7	86.7	87.7	88.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	28.2	90.3	91.3	91.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.3	93.3	93.3	93.3
GE 1800	28.2	90.3	91.3	91.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.3	93.3	93.3	93.3
GE 1500	28.2	91.8	92.8	93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.9	94.9	94.9	94.9
GE 1200	28.2	92.8	93.8	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	95.9	95.9	95.9
GE 1000	28.2	93.3	94.4	94.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.4	96.4	96.4	96.4
GE 900	28.2	93.3	94.4	94.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.4	96.4	96.4	96.4
GE 800	28.2	93.8	94.9	95.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.9	96.9	96.9	96.9
GE 700	28.2	93.8	94.9	95.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.9	96.9	96.9	96.9
GE 600	28.2	94.4	95.4	95.9	96.9	96.9	96.9	96.9	97.4	97.9	97.9	97.9	98.5	98.5	98.5	98.5
GE 500	28.2	94.9	95.9	96.4	97.4	97.4	97.4	97.4	97.9	98.5	98.5	98.5	99.0	99.0	99.0	99.0
GE 400	28.2	94.9	95.9	96.4	97.4	97.4	97.4	97.4	97.9	98.5	98.5	98.5	99.0	99.0	99.0	99.0
GE 300	28.7	95.4	96.4	96.9	97.9	97.9	97.9	97.9	98.5	99.0	99.0	99.0	99.5	99.5	99.5	99.5
GE 200	28.7	95.4	96.4	96.9	97.9	97.9	97.9	97.9	98.5	99.0	99.0	99.0	99.5	99.5	99.5	99.5
GE 100	28.7	95.4	96.4	96.9	97.9	97.9	97.9	97.9	98.5	99.0	99.0	99.0	99.5	99.5	100.0	100.0
GE 0	28.7	95.4	96.4	96.9	97.9	97.9	97.9	97.9	98.5	99.0	99.0	99.0	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 195

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	3.0	47.4	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	3.2	53.7	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 18000	3.2	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 16000	3.2	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 14000	3.2	54.2	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 12000	3.3	54.6	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	3.4	58.1	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000	3.4	58.2	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	3.5	61.4	61.7	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 7000	3.5	62.6	62.9	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000	3.5	64.5	64.9	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	3.6	67.2	67.8	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	3.6	69.1	69.8	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4000	3.7	71.0	71.7	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3500	3.7	72.4	73.2	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	3.8	76.4	77.5	77.9	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2500	4.0	79.2	80.3	80.8	81.4	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2000	4.0	81.6	83.1	83.7	84.3	84.6	84.7	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0
GE 1800	4.1	82.4	83.7	84.4	85.2	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 1500	4.1	84.2	85.9	86.6	87.5	87.7	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	4.1	86.0	87.9	88.8	89.8	90.0	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	4.1	87.7	89.8	90.8	92.1	92.3	92.6	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 900	4.1	87.9	90.0	91.2	92.5	92.7	93.0	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
GE 800	4.1	88.4	90.6	91.9	93.2	93.6	93.9	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.7
GE 700	4.1	88.5	91.1	92.6	94.1	94.4	94.8	95.2	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6
GE 600	4.1	89.3	91.8	93.4	95.0	95.4	95.9	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.0
GE 500	4.1	89.7	92.2	93.9	95.6	96.2	96.8	97.3	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.0
GE 400	4.1	89.9	92.4	94.2	96.2	96.6	97.2	97.9	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8
GE 300	4.2	89.9	92.5	94.2	96.2	96.7	97.5	98.3	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.5
GE 200	4.2	89.9	92.5	94.2	96.2	96.7	97.5	98.4	98.8	99.3	99.6	99.6	99.7	99.7	99.8	99.8
GE 100	4.2	89.9	92.5	94.2	96.2	96.7	97.6	98.5	98.8	99.3	99.6	99.6	99.8	99.8	99.9	100.0
GE 0	4.2	89.9	92.5	94.2	96.2	96.7	97.6	98.5	98.8	99.3	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 4476

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.7	41.6	44.5	46.6	48.9	49.7	49.8	50.1	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.5
GE 20000	.7	45.4	48.5	51.6	53.7	54.5	54.6	54.8	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.3
GE 18000	.7	46.0	49.1	51.6	54.2	55.2	55.3	55.5	55.6	55.6	55.6	55.6	55.7	55.7	55.7	56.0
GE 16000	.7	46.0	49.1	51.6	54.2	55.2	55.3	55.5	55.6	55.6	55.6	55.6	55.7	55.7	55.7	56.0
GE 14000	.7	46.6	49.7	52.3	55.1	56.0	56.1	56.3	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.8
GE 12000	.7	47.9	51.2	53.9	56.7	57.6	57.7	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.7
GE 10000	.7	54.5	58.2	61.1	64.1	65.0	65.2	65.5	65.6	65.7	65.7	65.7	65.9	65.9	65.9	66.1
GE 9000	.7	55.2	58.9	61.8	64.9	65.7	65.9	66.2	66.3	66.4	66.4	66.4	66.6	66.6	66.6	66.8
GE 8000	.7	59.1	63.1	66.1	69.1	70.2	70.4	70.7	70.8	71.0	71.0	71.0	71.2	71.2	71.2	71.4
GE 7000	.7	59.8	63.8	66.9	69.9	71.0	71.4	71.9	72.0	72.1	72.1	72.1	72.4	72.4	72.4	72.6
GE 6000	.7	60.6	64.6	67.9	71.1	72.1	72.6	73.1	73.2	73.3	73.3	73.3	73.5	73.5	73.5	73.8
GE 5000	.7	62.7	66.8	70.4	73.6	74.7	75.1	75.6	75.7	75.8	75.8	75.8	76.1	76.1	76.1	76.3
GE 4500	.7	63.6	67.7	71.7	75.3	76.1	76.5	77.0	77.1	77.2	77.2	77.2	77.5	77.5	77.5	77.7
GE 4000	.7	64.0	68.3	72.2	76.0	77.4	78.0	78.7	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.4
GE 3500	.7	64.9	69.6	73.6	77.7	78.9	79.6	80.3	80.4	80.5	80.5	80.5	80.7	80.7	80.7	81.0
GE 3000	.7	66.1	71.1	75.1	79.2	80.6	81.3	82.0	82.1	82.2	82.2	82.2	82.5	82.5	82.5	82.7
GE 2500	.7	67.1	72.1	76.3	80.7	82.2	83.2	83.9	84.0	84.1	84.1	84.1	84.3	84.3	84.3	84.6
GE 2000	.7	67.8	72.9	77.2	81.6	83.2	84.1	84.8	85.0	85.1	85.1	85.1	85.4	85.4	85.4	85.6
GE 1800	.7	68.4	73.6	77.9	82.2	83.9	84.8	85.5	85.7	85.8	85.8	85.8	86.1	86.1	86.1	86.3
GE 1500	.7	69.0	74.3	78.6	83.4	85.0	86.2	86.9	87.1	87.2	87.2	87.2	87.5	87.5	87.5	87.7
GE 1200	.7	69.6	75.0	79.3	84.2	85.8	87.0	87.7	87.9	88.0	88.0	88.0	88.3	88.3	88.3	88.5
GE 1000	.7	70.7	76.2	80.6	85.7	87.7	88.9	89.5	89.8	89.9	89.9	89.9	90.1	90.1	90.1	90.4
GE 900	.7	70.7	76.3	80.7	85.9	87.9	89.1	89.6	90.0	90.2	90.2	90.2	90.5	90.5	90.5	90.7
GE 800	.7	70.7	76.3	80.7	85.9	88.2	89.3	90.1	90.6	90.8	90.8	90.8	91.1	91.1	91.1	91.3
GE 700	.7	70.8	76.4	81.0	86.3	88.7	89.9	90.8	91.3	91.5	91.5	91.5	91.8	91.8	91.8	92.0
GE 600	.7	71.2	76.8	81.4	86.9	89.2	90.5	91.4	91.9	92.1	92.1	92.1	92.3	92.3	92.3	92.6
GE 500	.7	71.5	77.2	82.0	87.5	90.1	91.6	92.7	93.4	93.6	93.8	93.8	94.2	94.2	94.2	94.4
GE 400	.7	71.5	77.2	82.0	87.4	90.5	92.6	93.8	94.7	95.2	95.2	95.2	95.6	95.6	95.6	95.8
GE 300	.7	71.8	77.7	82.5	88.4	91.1	93.4	94.8	95.6	96.3	96.4	96.4	96.7	96.7	96.9	97.1
GE 200	.7	71.8	77.7	82.5	88.5	91.2	93.6	95.1	96.1	96.9	97.2	97.4	97.9	98.1	98.5	98.7
GE 100	.7	71.8	77.7	82.5	88.5	91.2	93.7	95.2	96.2	97.1	97.6	97.9	98.4	98.6	99.5	99.8
GE 0	.7	71.8	77.7	82.5	88.5	91.2	93.7	95.2	96.2	97.1	97.6	97.9	98.4	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.4	46.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	.4	52.7	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	.4	53.1	54.7	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 16000	.4	53.1	54.7	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 14000	.4	53.7	55.4	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	.4	55.0	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 10000	.4	61.1	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	.4	61.6	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000	.4	64.9	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 7000	.5	65.5	67.6	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 6000	.5	67.3	69.4	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 5000	.5	68.4	70.7	71.0	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4500	.5	69.1	71.4	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	.5	70.6	73.4	73.9	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	.5	71.9	74.7	75.2	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3000	.5	74.0	76.9	77.6	78.2	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2500	.5	76.0	79.0	79.8	80.4	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000	.5	77.8	81.2	81.9	82.9	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1800	.5	78.3	81.7	82.5	83.5	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1500	.5	80.7	84.4	85.6	86.9	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	.5	83.0	86.9	88.1	89.4	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	.5	85.0	88.8	90.2	91.8	92.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 900	.5	85.4	89.6	90.9	92.9	93.2	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	.5	85.6	89.8	91.1	93.1	93.4	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	.5	86.2	90.8	92.1	94.1	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	.5	86.5	91.1	92.7	95.4	95.6	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	.5	86.6	91.4	92.9	95.7	96.3	96.9	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	.5	86.8	91.7	93.3	96.5	97.0	97.8	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	.5	86.8	91.7	93.3	96.5	97.0	97.8	98.7	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2
GE 200	.5	86.8	91.7	93.3	96.5	97.0	97.9	98.8	98.8	99.2	99.3	99.3	99.5	99.6	99.8	99.8
GE 100	.5	86.8	91.7	93.3	96.5	97.0	97.9	98.8	98.8	99.2	99.3	99.3	99.5	99.7	99.9	100.0
GE 0	.5	86.8	91.7	93.3	96.5	97.0	97.9	98.8	98.8	99.2	99.3	99.3	99.5	99.7	99.9	100.0

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: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.3	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 20000	1.6	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 18000	1.6	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 16000	1.6	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 14000	1.6	49.0	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 12000	1.6	49.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 10000	1.6	55.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 9000	1.6	56.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 8000	1.6	59.4	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 7000	1.7	60.7	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 6000	1.7	62.2	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 5000	1.7	65.1	66.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4500	1.9	66.0	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4000	1.9	70.1	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3500	1.9	74.5	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	1.9	78.0	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2500	1.9	81.5	83.3	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	1.9	85.4	87.5	88.1	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	2.3	86.1	88.4	88.9	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1500	2.3	88.8	91.2	91.8	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	2.3	90.3	93.0	93.8	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	2.3	91.1	93.8	94.5	95.2	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	2.3	91.2	94.3	95.0	95.7	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	2.3	91.7	94.6	95.6	96.3	96.6	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	2.3	92.0	95.2	96.1	97.1	97.3	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	2.3	92.2	95.4	96.6	97.7	98.3	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	2.3	92.2	95.4	96.6	97.9	98.3	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	2.3	92.2	95.4	96.6	97.9	98.3	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	2.3	92.2	95.4	96.6	98.1	98.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	2.3	92.2	95.4	96.6	98.1	98.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	2.3	92.2	95.4	96.6	98.1	98.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	2.3	92.2	95.4	96.6	98.1	98.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.7	44.1	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	2.1	51.3	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 18000	2.2	51.4	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 16000	2.2	51.4	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 14000	2.2	52.3	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	2.2	52.9	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 10000	2.8	58.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 9000	2.8	59.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000	3.0	64.6	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 7000	3.0	65.3	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 6000	3.0	67.4	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 5000	3.0	70.6	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4500	3.0	72.5	74.6	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4000	3.0	75.7	77.8	77.9	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3500	3.0	79.1	81.4	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3000	3.0	83.7	86.5	86.7	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 2500	3.0	85.8	88.6	88.6	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5
GE 2000	3.0	87.8	90.8	91.2	91.6	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1
GE 1800	3.0	88.3	91.6	92.1	92.5	92.7	92.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1500	3.0	89.2	92.5	93.0	93.4	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 1200	3.0	90.1	93.9	94.3	94.6	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1
GE 1000	3.0	91.7	95.1	95.6	96.1	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 900	3.0	91.8	95.1	95.9	96.5	97.0	97.2	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 800	3.0	91.9	95.2	96.0	97.0	97.2	97.4	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 700	3.0	92.0	95.7	96.1	97.1	97.3	97.6	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 600	3.0	92.0	95.8	96.1	97.1	97.4	98.0	98.2	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 500	3.0	92.1	95.4	96.2	97.2	98.0	98.7	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	3.0	92.1	95.4	96.4	97.0	98.2	99.0	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	3.0	92.1	95.4	96.4	97.0	98.2	99.1	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	3.0	92.1	95.4	96.4	97.0	98.2	99.1	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	3.0	92.1	95.4	96.4	97.0	98.2	99.1	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	3.0	92.1	95.4	96.4	97.0	98.2	99.1	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	LT 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	4.6	52.0	52.7	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 20000	4.6	60.7	61.6	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 18000	5.0	61.1	62.0	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	5.0	61.1	62.0	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	5.0	62.0	62.9	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 12000	5.0	63.6	64.4	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 10000	5.3	68.0	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000	5.3	68.3	69.8	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000	5.3	73.4	74.9	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000	5.3	74.0	75.6	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 6000	5.3	75.6	77.0	77.6	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 5000	5.5	77.3	79.6	80.2	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4500	5.7	79.2	81.4	82.0	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	5.7	80.4	82.6	83.4	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	5.7	82.5	84.9	85.5	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	5.7	85.6	88.1	89.0	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2500	5.7	86.9	89.5	90.6	91.0	91.2	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	5.8	89.0	91.6	92.7	93.1	93.3	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	5.8	89.3	91.9	93.1	93.5	93.8	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	5.8	90.1	92.7	93.8	94.3	94.6	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	5.8	90.2	92.8	93.9	94.7	94.9	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	5.8	90.3	93.1	94.3	95.1	95.3	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	5.8	90.6	93.3	94.5	95.5	95.8	96.2	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	5.8	90.7	93.4	94.6	95.4	96.0	96.4	96.8	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1
GE 700	5.8	90.8	93.8	95.2	96.2	96.4	96.8	97.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6
GE 600	5.8	91.1	94.1	95.5	96.5	96.8	97.5	97.9	97.9	98.1	98.3	98.3	98.4	98.4	98.4	98.4
GE 500	5.8	91.6	94.5	96.0	97.1	97.3	98.0	98.4	98.4	98.6	98.6	98.8	98.9	98.9	98.9	98.9
GE 400	5.8	91.6	94.5	96.0	97.1	97.3	98.4	98.8	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	5.8	91.7	94.7	96.2	97.1	97.4	98.5	98.9	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	5.8	91.7	94.7	96.2	97.1	97.4	98.5	98.9	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6
GE 100	5.8	91.7	94.7	96.2	97.1	97.4	98.5	98.9	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	5.8	91.7	94.7	96.2	97.1	97.4	98.5	98.9	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-81,86
MONTH: MAY HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	16.7	61.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 20000	17.9	65.5	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 18000	17.9	65.5	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 16000	17.9	65.5	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 14000	17.9	66.1	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 12000	17.9	66.1	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 10000	19.6	70.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 9000	19.6	70.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 8000	20.2	73.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 7000	20.2	75.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000	20.2	76.2	78.6	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	20.2	78.0	80.4	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 4500	20.8	79.8	82.1	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	20.8	80.4	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	20.8	84.5	86.9	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	20.8	84.5	86.9	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2500	21.4	86.3	88.7	88.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	22.6	88.7	91.7	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800	22.6	88.7	91.7	91.7	92.9	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	22.6	89.3	92.9	92.9	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.8	95.8	95.8	95.8
GE 1200	22.6	89.3	92.9	92.9	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.8	95.8	95.8	95.8
GE 1000	22.6	89.3	92.9	94.6	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	97.0	97.0	97.0	97.0
GE 900	22.6	89.3	93.5	94.6	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.6	97.6	97.6	97.6
GE 800	22.6	89.3	93.5	94.6	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.6	97.6	97.6	97.6
GE 700	22.6	89.3	93.5	94.6	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.6	97.6	97.6	97.6
GE 600	22.6	89.9	94.0	95.2	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	98.2	98.2	98.2	98.2
GE 500	22.6	90.5	94.6	95.8	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
GE 400	22.6	90.5	94.6	95.8	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	99.4	99.4	99.4	99.4
GE 300	22.6	90.5	94.6	95.8	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	99.4	99.4	99.4	99.4
GE 200	22.6	90.5	94.6	95.8	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	99.4	99.4	99.4	99.4
GE 100	22.6	90.5	94.6	95.8	98.2	98.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 0	22.6	90.5	94.6	95.8	98.2	98.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 165

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.0	45.6	46.7	47.2	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0
GE 20000	2.5	52.0	53.4	54.0	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
GE 18000	2.5	52.2	53.7	54.3	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2
GE 16000	2.5	52.2	53.7	54.3	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2
GE 14000	2.5	53.0	54.5	55.1	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
GE 12000	2.5	54.1	55.6	56.3	56.9	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	2.7	59.8	61.6	62.3	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
GE 9000	2.7	60.3	62.2	62.8	63.4	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000	2.8	64.5	66.5	67.2	67.9	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 7000	2.9	65.3	67.3	68.1	68.8	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3
GE 6000	2.9	66.7	69.0	69.8	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1
GE 5000	2.9	69.0	71.4	72.4	73.2	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
GE 4500	3.0	70.3	72.7	73.7	74.6	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2
GE 4000	3.0	72.4	74.9	75.9	77.2	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7
GE 3500	3.0	74.9	77.6	78.6	79.7	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
GE 3000	3.0	77.7	80.6	81.6	83.0	83.3	83.4	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
GE 2500	3.0	79.7	82.7	84.0	85.2	85.6	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3
GE 2000	3.1	81.8	85.0	86.4	87.7	88.1	88.4	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8
GE 1800	3.1	82.3	85.7	87.0	88.4	88.8	89.1	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
GE 1500	3.1	83.6	87.2	88.7	90.2	90.7	91.1	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.6
GE 1200	3.1	84.9	88.4	90.0	91.6	92.0	92.4	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9
GE 1000	3.1	86.0	89.6	91.2	92.9	93.3	94.0	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 900	3.1	86.1	89.9	91.6	93.3	94.1	94.6	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.2
GE 800	3.1	86.3	90.1	91.8	93.5	94.4	94.9	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6
GE 700	3.1	86.6	90.3	92.2	94.0	95.0	95.6	96.0	96.1	96.2	96.2	96.2	96.4	96.4	96.4	96.4
GE 600	3.1	86.8	90.7	92.6	94.3	95.6	96.4	96.6	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2
GE 500	3.1	87.1	91.0	92.9	95.2	96.1	97.0	97.4	97.5	97.7	97.8	97.8	97.9	97.9	97.9	98.0
GE 400	3.1	87.1	91.1	93.0	95.5	96.4	97.5	98.0	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7
GE 300	3.1	87.1	91.2	93.1	95.6	96.5	97.8	98.4	98.6	98.9	99.0	99.0	99.1	99.1	99.2	99.2
GE 200	3.1	87.1	91.2	93.1	95.7	96.6	97.8	98.5	98.7	99.0	99.2	99.2	99.4	99.5	99.6	99.6
GE 100	3.1	87.1	91.2	93.1	95.7	96.6	97.9	98.5	98.7	99.1	99.3	99.4	99.6	99.7	99.9	100.0
GE 0	3.1	87.1	91.2	93.1	95.7	96.6	97.9	98.5	98.7	99.1	99.3	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 4593

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.3	44.7	47.[illegible]	48.3	51.[illegible]	51.7	51.9	51.9	52.1	52.3	52.4	52.4	52.5	52.5	52.5	52.9
GE 20000	1.3	53.[illegible]	55.[illegible]	57.5	60.[illegible]	61.2	61.5	61.5	61.7	61.8	61.9	61.9	62.1	62.1	62.1	62.4
GE 18000	1.3	53.[illegible]	55.[illegible]	57.5	60.[illegible]	61.2	61.5	61.5	61.7	61.8	61.9	61.9	62.1	62.1	62.1	62.4
GE 16000	1.3	53.6	55.[illegible]	57.5	60.[illegible]	61.2	61.5	61.5	61.7	61.8	61.9	61.9	62.1	62.1	62.1	62.4
GE 14000	1.3	53.[illegible]	55.[illegible]	57.9	61.[illegible]	61.6	61.8	61.8	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.6
GE 12000	1.3	54.2	56.6	58.9	62.3	62.6	62.9	62.9	63.1	63.2	63.4	63.4	63.6	63.6	63.6	64.0
GE 10000	1.3	58.2	61.[illegible]	63.6	67.1	67.4	67.9	67.9	68.1	68.3	68.4	68.4	68.6	68.6	68.6	69.0
GE 9000	1.3	58.9	61.9	64.3	67.[illegible]	68.1	68.6	68.6	68.9	69.0	69.1	69.1	69.3	69.3	69.3	69.7
GE 8000	1.3	61.5	64.[illegible]	67.5	71.[illegible]	71.6	72.1	72.1	72.4	72.6	72.7	72.7	72.9	72.9	72.9	73.3
GE 7000	1.3	63.7	67.5	70.2	74.[illegible]	74.5	74.9	74.9	75.4	75.5	75.7	75.7	75.9	75.9	75.9	76.3
GE 6000	1.3	64.3	68.3	70.9	74.[illegible]	75.2	75.7	75.7	76.1	76.3	76.4	76.4	76.6	76.6	76.6	77.0
GE 5000	1.3	65.8	69.7	72.7	76.[illegible]	77.2	77.7	77.7	78.5	78.6	78.8	78.8	79.0	79.0	79.0	79.4
GE 4500	1.3	66.[illegible]	70.[illegible]	73.[illegible]	77.[illegible]	77.6	78.[illegible]	78.[illegible]	78.9	79.[illegible]	79.1	79.1	79.4	79.4	79.4	79.7
GE 4000	1.3	67.1	71.4	74.3	78.[illegible]	79.0	79.5	79.5	80.4	80.5	80.7	80.7	80.9	80.9	80.9	81.3
GE 3500	1.3	68.1	72.6	75.9	80.[illegible]	81.[illegible]	81.0	81.0	82.1	82.2	82.3	82.3	82.6	82.6	82.6	82.9
GE 3000	1.3	69.5	73.9	77.2	81.5	81.9	82.3	82.3	83.4	83.5	83.7	83.7	83.9	83.9	83.9	84.2
GE 2500	1.3	70.3	74.7	78.2	82.[illegible]	83.1	83.8	83.8	84.8	85.0	85.1	85.1	85.3	85.3	85.3	85.7
GE 2000	1.3	70.8	75.[illegible]	78.8	83.[illegible]	83.9	84.6	84.6	85.7	85.8	85.9	85.9	86.2	86.2	86.2	86.5
GE 1800	1.3	71.2	75.6	79.4	84.1	84.5	85.3	85.3	86.4	86.5	86.6	86.6	86.9	86.9	86.9	87.2
GE 1500	1.3	71.6	76.1	79.7	84.[illegible]	84.8	85.7	85.7	86.8	86.9	87.0	87.0	87.2	87.2	87.4	87.7
GE 1200	1.3	71.6	76.4	80.0	84.[illegible]	85.2	86.0	86.0	87.1	87.2	87.4	87.4	87.6	87.6	87.7	88.1
GE 1000	1.3	72.8	77.6	81.3	86.4	86.8	87.6	87.6	88.7	88.8	88.9	88.9	89.1	89.1	89.3	89.6
GE 900	1.3	73.0	77.8	81.5	86.[illegible]	87.2	88.1	88.1	89.1	89.3	89.4	89.4	89.6	89.6	89.7	90.1
GE 800	1.3	73.3	78.2	81.9	87.[illegible]	87.7	88.7	88.8	89.9	90.1	90.3	90.3	90.6	90.6	90.7	91.1
GE 700	1.3	73.5	78.5	82.3	87.[illegible]	88.3	89.3	89.5	90.6	90.8	91.1	91.1	91.3	91.3	91.4	91.8
GE 600	1.3	73.6	78.8	82.6	88.3	88.9	90.1	90.3	91.4	91.6	91.9	91.9	92.1	92.1	92.2	92.6
GE 500	1.3	73.7	78.9	82.7	88.[illegible]	89.4	90.7	91.1	92.1	92.5	92.7	92.7	93.0	93.0	93.1	93.4
GE 400	1.3	74.0	79.1	83.1	89.[illegible]	89.9	91.3	92.2	93.4	93.8	94.2	94.2	94.5	94.5	94.6	95.0
GE 300	1.3	74.2	79.6	83.5	89.9	90.6	92.4	93.6	94.9	95.3	95.8	95.8	96.4	96.5	96.7	97.0
GE 200	1.3	74.2	79.6	83.5	89.9	90.7	92.6	93.9	95.3	95.9	96.7	96.8	98.0	98.6	98.7	99.0
GE 100	1.3	74.2	79.6	83.5	89.9	90.7	92.6	93.9	95.3	95.9	96.7	96.8	98.1	98.9	99.3	100.0
GE 0	1.3	74.2	79.6	83.5	89.9	90.7	92.6	93.9	95.3	95.9	96.7	96.8	98.1	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.9	50.3	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 20000	1.3	59.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 18000	1.3	59.2	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	1.3	59.2	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	1.3	60.6	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 12000	1.3	60.7	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 10000	1.3	66.1	68.3	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 9000	1.3	67.0	69.2	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	1.3	70.7	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 7000	1.3	72.0	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	1.3	73.1	75.9	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 5000	1.3	74.3	77.4	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4500	1.3	75.0	78.1	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4000	1.3	76.1	79.2	80.0	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3500	1.3	77.7	80.9	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3000	1.3	79.7	83.3	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	1.3	80.3	84.2	84.9	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000	1.3	81.7	85.7	86.4	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	1.3	81.8	85.8	86.5	87.5	87.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1500	1.3	84.8	88.9	89.7	90.7	90.8	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	1.3	86.7	91.1	91.9	93.1	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	1.3	87.7	92.2	93.2	94.2	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	1.3	88.1	92.5	93.8	94.9	95.0	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	1.3	88.3	92.7	94.0	95.1	95.2	95.6	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	1.3	88.5	93.2	94.4	95.5	96.0	96.4	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	1.3	88.6	93.3	94.5	96.1	96.3	96.6	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	1.3	88.8	93.4	94.8	96.2	96.6	97.4	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	1.3	88.8	93.4	94.9	96.3	97.3	98.3	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	1.3	88.9	93.5	95.0	97.1	97.6	98.6	99.2	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	1.3	88.9	93.5	95.0	97.2	97.6	98.6	99.2	99.3	99.5	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	1.3	88.9	93.5	95.0	97.2	97.6	98.6	99.2	99.3	99.5	99.8	99.8	99.9	99.9	100.0	100.0
GE 0	1.3	88.9	93.5	95.0	97.2	97.6	98.6	99.2	99.3	99.5	99.8	99.8	99.9	99.9	100.0	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: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.0	51.6	51.6	51.6	51.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 20000	2.2	61.2	61.6	61.6	61.7	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 18000	2.2	61.2	61.6	61.6	61.7	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 16000	2.2	61.2	61.6	61.6	61.7	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 14000	2.2	61.4	61.8	61.8	61.9	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	2.3	62.7	63.1	63.3	63.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 10000	2.6	67.3	67.7	67.8	67.9	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 9000	2.6	68.4	68.8	68.9	69.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	2.7	70.2	70.6	70.7	70.8	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 7000	2.7	71.6	71.9	72.1	72.2	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	2.7	72.9	73.2	73.6	73.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 5500	2.8	74.3	74.3	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4500	2.8	74.8	75.1	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	3.0	78.1	78.6	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3500	3.0	82.3	82.9	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	3.0	86.6	87.2	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500	3.0	88.6	89.3	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	3.0	90.3	91.1	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	3.0	90.7	91.4	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	3.0	92.6	93.3	95.0	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
GE 1200	3.0	93.6	94.4	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7
GE 1000	3.0	93.9	94.9	96.3	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
GE 900	3.0	94.0	95.0	96.4	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
GE 800	3.0	94.1	95.1	96.6	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.7	97.7	97.7
GE 700	3.0	94.2	95.2	96.8	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.1	98.1	98.1
GE 600	3.0	94.2	95.4	96.8	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.3	98.3	98.3
GE 500	3.0	94.3	95.3	97.1	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.0	99.0
GE 450	3.0	94.4	95.4	97.4	98.3	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.6	99.6
GE 400	3.0	94.4	95.7	97.7	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.6	99.7	99.9	99.9
GE 350	3.0	94.6	95.9	97.8	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.7	99.8	100.0	100.0
GE 300	3.0	94.6	95.9	97.8	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.7	99.8	100.0	100.0
GE 0	3.0	94.6	95.9	97.8	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 968

GLOBAL CLIMATOLOGY BRANCH
SCAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72449? STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 5	GE 3	GE 2	GE 1 1/2	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 1/8	GE 1/16	GE 1/4	GE 0
NO CEIL	55.0	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 18000	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 16000	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	68.2	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	69.2	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	74.2	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 9000	75.2	75.1	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 8000	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 7000	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 6000	81.4	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	83.4	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4500	84.4	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	86.4	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 3500	89.4	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	94.4	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	96.4	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	97.4	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	97.4	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1600	98.4	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1400	98.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	98.4	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	98.4	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	98.4	98.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	98.4	98.2	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	98.4	98.2	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	98.4	98.2	98.9	99.4	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.4	98.2	98.9	99.4	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.4	98.2	98.9	99.4	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.4	98.2	98.9	99.4	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.4	98.2	98.9	99.4	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.4	98.2	98.9	99.4	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.4	98.2	98.9	99.4	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 472

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	3.9	57.4	59.7	60.1	60.[illegible]	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 20000	4.7	69.6	72.2	72.6	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	4.7	69.6	72.2	72.6	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 16000	4.7	69.6	72.2	72.6	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	4.7	70.8	73.4	73.8	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 12000	4.7	71.2	73.9	74.4	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	4.7	74.6	77.5	77.9	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	4.7	75.3	78.0	78.4	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	4.9	79.1	81.8	82.2	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 7000	4.9	79.5	82.2	82.6	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 6000	4.9	80.5	83.2	83.6	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	4.9	82.2	84.9	85.5	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4500	4.9	83.2	85.9	86.4	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	4.9	85.3	88.2	88.7	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	5.0	87.2	90.4	90.9	91.9	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3000	5.0	88.6	92.0	92.6	93.6	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	5.0	89.8	93.6	95.1	96.3	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	5.0	90.1	94.2	95.4	96.6	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	5.0	90.1	94.2	95.4	96.6	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	5.0	90.2	94.4	95.8	97.0	97.6	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	5.0	90.4	94.6	95.9	97.7	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	5.0	90.5	94.7	96.2	98.1	98.2	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	5.0	90.5	94.7	96.2	98.1	98.2	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	5.0	90.5	94.7	96.2	98.0	98.2	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	5.0	90.5	94.7	96.2	98.0	98.2	98.5	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	5.0	90.5	94.8	96.5	98.6	98.9	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	5.0	90.5	94.8	96.5	98.6	98.9	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	5.0	90.5	94.8	96.5	98.6	98.9	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	5.0	90.5	94.8	96.5	98.6	98.9	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	5.0	90.5	94.8	96.5	98.6	98.9	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	5.0	90.5	94.8	96.5	98.6	98.9	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	5.0	90.5	94.8	96.5	98.6	98.9	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-81,86
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	63.0	63.9	63.9	65.6	66.4	66.4	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	67.0	73.8	73.8	75.4	76.2	77.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 18000	67.0	73.8	73.8	75.4	76.2	77.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 16000	67.0	73.8	73.8	75.4	76.2	77.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 14000	67.0	73.8	73.8	75.4	76.2	77.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 12000	67.0	73.8	74.6	76.2	77.0	77.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 10000	68.7	77.0	77.9	79.5	80.3	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 9000	68.7	77.0	77.9	79.5	80.3	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 8000	80.3	80.3	81.1	82.8	83.6	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 7000	80.3	81.1	82.0	83.6	84.4	85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 6000	81.1	82.8	83.6	85.2	86.1	86.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 5000	82.0	85.2	86.1	87.7	88.5	89.3	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4500	82.8	86.1	86.9	88.5	89.3	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	82.9	86.9	87.7	90.2	91.0	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	83.6	87.7	88.5	91.0	91.8	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3000	84.4	90.2	91.0	93.4	94.2	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	85.2	91.0	91.8	94.3	95.1	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	86.1	92.6	93.4	95.9	96.7	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	86.1	92.6	93.4	95.9	96.7	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1600	86.1	92.6	93.4	95.9	96.7	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1400	86.1	92.6	93.4	95.9	96.7	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	86.1	92.6	93.4	95.9	96.7	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	86.1	92.6	93.4	95.9	96.7	97.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	86.1	92.6	93.4	95.9	96.7	97.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	86.1	92.6	93.4	95.9	96.7	97.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	86.1	92.6	93.4	95.9	96.7	97.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	86.1	92.6	93.4	95.9	96.7	97.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	86.1	92.6	93.4	96.7	97.5	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	86.1	92.6	93.4	96.7	97.5	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	86.1	92.6	93.4	96.7	97.5	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	86.1	92.6	93.4	96.7	97.5	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 127

[illegible] CLIMATOLOGY (MAR) — [illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible]
[illegible] WEATHER SERVICE/MAC
FROM HOURLY OBSERVATIONS

DATA SUMMARIZED: [illegible] STATE NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): ALL

CEILING (HUNDREDS OF FEET)	VISIBILITY IN STATUTE MILES															
	LT 1/4	LT 1/2	LT 3/4	LT 1	LT 1 1/4	LT 1 1/2	LT 2	LT 2 1/2	LT 3	LT 4	LT 5	LT 6	LT 7	LT 8	LT 9	LT 10
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		51.2	54.2	58.5	61.6	62.7	63.5	63.9	64.4	64.6	65.0	65.1	65.3	65.3	65.4	65.7
GE 20000		55.0	58.2	62.5	65.7	66.7	67.7	68.2	68.7	69.0	69.5	69.6	69.8	69.8	69.9	70.2
GE 18000		55.4	58.6	62.9	66.0	67.1	68.1	68.6	69.0	69.4	69.8	69.9	70.2	70.2	70.3	70.5
GE 16000		55.4	58.6	62.9	66.1	67.1	68.1	68.6	69.0	69.4	69.8	69.9	70.2	70.2	70.3	70.5
GE 14000		55.6	59.0	63.4	66.5	67.5	68.6	69.0	69.5	69.8	70.3	70.4	70.6	70.6	70.8	71.0
GE 12000		56.8	60.0	64.5	67.7	68.9	69.9	70.4	70.9	71.2	71.7	71.8	72.0	72.0	72.1	72.4
GE 10000		59.4	63.0	67.9	71.3	72.5	73.6	74.2	74.7	75.0	75.5	75.6	75.8	75.8	76.0	76.2
GE 9000		59.9	63.5	68.4	71.9	73.1	74.2	74.8	75.3	75.6	76.1	76.2	76.4	76.4	76.5	76.8
GE 8000		62.9	66.7	71.7	75.1	76.4	77.6	78.2	78.6	79.0	79.4	79.5	79.8	79.8	79.9	80.1
GE 7000		64.7	68.7	73.6	77.3	78.5	79.7	80.2	80.8	81.3	81.7	81.8	82.1	82.1	82.2	82.4
GE 6000		64.9	68.8	73.8	77.6	78.7	79.9	80.5	81.0	81.5	82.0	82.1	82.3	82.3	82.4	82.7
GE 5000		65.5	69.6	75.0	78.8	80.1	81.4	82.0	82.5	83.0	83.5	83.6	83.8	83.8	83.9	84.2
GE 4500		66.7	71.1	76.4	80.3	81.6	82.9	83.5	84.0	84.5	85.0	85.1	85.3	85.3	85.4	85.7
GE 4000		67.4	71.9	77.2	81.2	82.4	83.7	84.3	84.9	85.3	85.8	85.9	86.1	86.1	86.2	86.5
GE 3500		68.7	73.4	78.7	82.8	84.0	85.3	85.9	86.5	86.9	87.4	87.5	87.7	87.7	87.9	88.1
GE 3000		70.1	74.8	80.1	84.5	85.9	87.3	88.1	88.7	89.1	89.6	89.7	90.1	90.1	90.2	90.4
GE 2500		70.5	75.3	80.6	85.1	86.4	87.9	88.9	89.5	89.9	90.4	90.5	90.9	90.9	91.0	91.2
GE 2000		70.6	75.4	80.8	85.4	86.8	88.3	89.5	90.1	90.6	91.1	91.2	91.6	91.6	91.7	91.9
GE 1800		70.6	75.4	80.8	85.4	86.8	88.3	89.5	90.1	90.6	91.1	91.2	91.6	91.6	91.7	91.9
GE 1500		70.9	75.6	81.3	85.9	87.3	88.9	90.1	90.6	91.2	91.8	91.9	92.3	92.3	92.4	92.7
GE 1200		71.0	75.7	81.4	86.1	87.4	89.0	90.2	90.8	91.3	91.9	92.0	92.4	92.4	92.5	92.8
GE 1000		71.4	76.2	82.0	86.8	88.2	89.9	91.1	91.7	92.3	92.8	92.9	93.3	93.3	93.4	93.6
GE 900		71.7	76.4	82.2	87.1	88.4	90.2	91.3	91.9	92.6	93.3	93.4	93.8	93.8	93.9	94.2
GE 800		72.0	76.8	82.5	87.5	88.9	90.9	92.0	92.6	93.3	94.0	94.1	94.5	94.5	94.6	94.9
GE 700		72.1	76.9	82.7	87.6	89.0	91.0	92.3	92.8	93.5	94.2	94.3	94.7	94.7	94.8	95.1
GE 600		72.1	76.9	82.7	87.9	89.2	91.4	92.7	93.3	94.0	94.7	94.8	95.1	95.1	95.3	95.6
GE 500		72.1	76.9	82.7	88.0	89.4	91.7	92.9	93.8	94.5	95.1	95.3	95.6	95.6	95.7	96.1
GE 400		72.1	77.0	82.8	88.1	89.5	91.9	93.4	94.5	95.3	96.1	96.2	96.5	96.5	96.6	97.0
GE 300		72.1	77.0	82.9	88.2	89.7	92.6	94.2	95.3	96.2	97.0	97.2	97.6	97.6	97.8	98.3
GE 200		72.1	77.0	82.9	88.2	89.8	92.8	94.5	95.5	96.6	97.6	97.8	98.4	98.4	98.6	99.2
GE 100		72.1	77.0	82.9	88.2	89.8	92.8	94.5	95.6	96.8	97.7	97.9	98.5	98.5	98.8	99.8
GE 0		72.1	77.0	82.9	88.2	89.8	92.8	94.5	95.6	96.8	97.7	97.9	98.5	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 865

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		63.7	66.7	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 20000		67.8	71.1	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 18000		68.2	71.5	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 16000		68.2	71.5	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 14000		68.8	72.1	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 12000		70.9	74.2	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 10000		72.8	76.1	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 9000		73.1	76.4	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000		75.2	78.6	80.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 7000		76.2	79.6	82.0	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 6000		76.5	79.9	82.3	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000		77.2	80.8	83.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4500		77.9	81.6	84.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000		80.1	84.2	86.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500		80.8	84.9	87.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000		82.7	87.4	90.2	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500		83.4	88.1	91.0	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000		84.1	88.9	91.8	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800		84.3	89.1	92.0	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500		84.9	89.8	92.9	94.5	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200		85.7	90.7	93.9	95.6	95.9	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000		86.1	91.0	94.3	96.0	96.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900		86.1	91.0	94.3	96.2	96.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800		86.4	91.3	94.6	96.5	96.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700		86.5	91.4	94.7	96.7	97.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600		86.5	91.4	94.7	96.7	97.0	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500		86.5	91.4	94.8	97.1	97.4	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400		86.5	91.4	94.8	97.2	97.6	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300		86.5	91.4	94.8	97.3	97.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200		86.5	91.4	94.8	97.3	97.6	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		86.5	91.4	94.8	97.3	97.6	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		86.5	91.4	94.8	97.3	97.6	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		60.9	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 20000		69.1	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 18000		69.2	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000		69.2	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 14000		69.7	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 12000		71.3	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 10000		73.8	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 9000		74.0	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000		76.8	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 7000		77.6	79.0	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 6000		78.3	79.7	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 5000		78.9	80.5	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500		79.2	80.7	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4000	.1	82.2	84.0	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3500	.2	85.5	87.3	87.7	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3000	.2	89.0	91.0	91.5	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2500	.2	90.1	92.1	92.6	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	.2	91.0	93.5	94.4	95.1	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	.2	91.2	93.7	94.6	95.3	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	.2	91.6	94.1	95.1	96.0	96.7	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 1200	.2	91.9	94.4	95.4	96.3	97.1	97.9	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 1000	.2	92.0	94.7	95.9	96.8	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 900	.2	92.1	94.9	96.1	97.1	97.8	98.7	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1
GE 800	.2	92.1	95.0	96.2	97.3	98.0	98.9	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 700	.2	92.1	95.2	96.4	97.5	98.3	99.1	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6
GE 600	.2	92.2	95.3	96.6	97.7	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 500	.2	92.2	95.3	96.6	97.7	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 400	.2	92.2	95.3	96.6	97.8	98.7	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	.2	92.2	95.3	96.6	97.8	98.7	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	.2	92.2	95.3	96.6	97.8	98.7	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	.2	92.2	95.3	96.6	97.8	98.7	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	.2	92.2	95.3	96.6	97.8	98.7	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	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: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		62.1	63.7	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 20000		72.7	74.7	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 18000		72.7	74.7	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 16000		72.7	74.7	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 14000		72.7	74.7	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 12000		74.2	76.3	76.9	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 10000		78.4	80.4	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 9000		78.4	80.4	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000		80.5	82.5	83.3	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 7000		81.5	83.7	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 6000		82.1	84.5	85.5	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 5000		82.8	85.3	86.3	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4500		83.2	85.6	86.6	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	.1	85.2	87.6	88.7	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	.1	87.6	90.2	92.0	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	.1	90.4	93.1	94.9	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	.1	91.1	93.8	95.5	95.9	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	.1	92.2	95.2	97.1	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	.1	92.3	95.3	97.2	97.8	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	.1	92.5	95.7	97.5	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	.1	92.9	96.0	97.9	98.6	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	.1	93.0	96.2	98.1	98.8	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	.1	93.0	96.2	98.1	98.8	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	.1	93.0	96.2	98.1	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	.1	93.0	96.2	98.1	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	.1	93.0	96.2	98.1	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	.1	93.0	96.2	98.1	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.1	93.0	96.2	98.1	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.1	93.0	96.2	98.1	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.1	93.0	96.2	98.1	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.1	93.0	96.2	98.1	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.1	93.0	96.2	98.1	98.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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	1.0	65.0	67.7	68.5	69.4	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 20000	1.0	74.3	77.1	78.1	79.1	79.5	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 18000	1.0	74.3	77.1	78.1	79.1	79.5	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 16000	1.0	74.3	77.1	78.1	79.1	79.5	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 14000	1.0	74.4	77.2	78.2	79.3	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 12000	1.0	75.3	78.1	79.1	80.2	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 10000	1.2	78.0	81.2	82.2	83.4	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 9000	1.2	78.1	81.3	82.3	83.5	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 8000	1.2	80.4	83.6	84.8	86.1	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 7000	1.2	81.9	85.1	86.3	87.6	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 6000	1.2	83.6	86.3	87.5	88.7	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 5000	1.4	84.3	87.6	88.7	90.0	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4500	1.4	84.5	87.8	89.0	90.3	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	1.4	85.9	89.4	90.7	91.9	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3500	1.4	86.7	90.4	91.7	93.0	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000	1.4	88.3	92.1	93.3	94.6	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	1.4	89.0	92.7	94.0	95.3	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	1.5	90.3	94.1	95.4	96.6	97.4	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	1.5	90.3	94.1	95.4	96.6	97.4	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	1.5	90.4	94.2	95.6	97.1	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	1.5	90.6	94.6	96.0	97.4	98.1	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	1.5	90.9	95.0	96.4	97.8	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	1.5	91.0	95.1	96.5	98.0	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	1.7	91.3	95.4	96.8	98.2	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	1.7	91.3	95.4	96.8	98.3	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	1.7	91.3	95.4	96.8	98.3	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	1.7	91.3	95.4	96.8	98.3	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	1.7	91.3	95.4	96.8	98.3	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1.7	91.3	95.4	96.8	98.3	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1.7	91.3	95.4	96.8	98.3	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1.7	91.3	95.4	96.8	98.3	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1.7	91.3	95.4	96.8	98.3	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 761

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-81,86
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	17.0	63.0	63.0	63.7	65.9	66.7	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 20000	17.8	69.6	69.6	70.4	72.6	73.3	73.3	73.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 18000	17.8	69.6	69.6	70.4	72.6	73.3	73.3	73.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 16000	17.8	69.6	69.6	70.4	72.6	73.3	73.3	73.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 14000	17.8	69.6	69.6	70.4	72.6	73.3	73.3	73.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 12000	18.5	71.9	71.9	72.6	74.8	76.3	76.3	76.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 10000	19.3	74.1	74.1	74.8	77.0	78.5	78.5	78.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 9000	19.3	74.	74.1	74.8	77.0	78.5	78.5	78.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 8000	20.7	77.0	77.0	77.8	80.0	81.5	81.5	81.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 7000	20.7	78.5	78.5	79.3	81.5	83.0	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	20.7	79.3	79.3	80.0	82.2	83.7	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 5000	21.5	80.7	80.7	81.5	83.7	85.2	85.2	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4500	21.5	82.2	82.2	83.0	85.2	86.7	86.7	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	22.2	84.4	84.4	85.2	87.4	88.9	88.9	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3500	22.2	84.4	84.4	85.2	87.4	88.9	88.9	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	23.0	88.1	88.9	89.6	91.9	93.3	93.3	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	23.0	88.1	88.9	89.6	91.9	93.3	93.3	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	23.7	90.4	91.1	91.9	94.1	95.6	95.6	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	23.7	90.4	91.1	91.9	94.1	95.6	95.6	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	23.7	90.4	91.1	91.9	94.1	95.6	95.6	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	23.7	90.4	91.1	91.9	94.1	95.6	95.6	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	23.7	90.4	91.1	91.9	94.1	95.6	95.6	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	23.7	90.4	91.1	91.9	94.1	95.6	95.6	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	24.4	91.1	91.9	93.3	95.6	97.0	97.0	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	24.4	91.1	91.9	93.3	95.6	97.0	97.0	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	24.4	91.1	91.9	93.3	96.3	97.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	24.4	91.1	91.9	93.3	96.3	97.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	24.4	91.1	92.6	94.1	97.0	98.5	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	24.4	91.1	92.6	94.1	97.0	98.5	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	24.4	91.1	92.6	94.1	97.0	98.5	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 100	24.4	91.1	92.6	94.1	97.0	98.5	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 0	24.4	91.1	92.6	94.1	97.0	98.5	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 135

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.7	60.6	62.8	64.1	65.1	65.4	65.6	65.7	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.1
GE 20000	.7	67.8	70.1	71.6	72.7	73.0	73.2	73.3	73.4	73.5	73.6	73.6	73.7	73.7	73.7	73.7
GE 18000	.7	67.9	70.2	71.8	72.8	73.1	73.4	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.9
GE 16000	.7	67.9	70.2	71.8	72.8	73.1	73.4	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.9
GE 14000	.7	68.3	70.6	72.2	73.2	73.5	73.7	73.8	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2
GE 12000	.7	69.7	72.1	73.7	74.7	75.1	75.3	75.4	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.8
GE 10000	.8	72.5	75.0	76.7	77.8	78.2	78.5	78.6	78.7	78.8	78.9	78.9	78.9	78.9	79.0	79.0
GE 9000	.8	72.7	75.2	76.9	78.1	78.4	78.7	78.8	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2
GE 8000	.8	75.2	77.9	79.5	80.7	81.1	81.4	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.9	81.9
GE 7000	.8	76.4	79.1	81.0	82.2	82.6	82.9	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.5	83.5
GE 6000	.8	76.9	79.7	81.6	82.9	83.3	83.6	83.7	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.2
GE 5000	.9	77.8	80.7	82.6	84.0	84.4	84.7	84.8	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.3
GE 4500	.9	78.3	81.3	83.3	84.6	85.1	85.4	85.5	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9
GE 4000	1.0	80.2	83.4	85.5	86.9	87.3	87.6	87.7	87.8	87.9	88.0	88.0	88.1	88.1	88.1	88.2
GE 3500	1.0	81.9	85.2	87.4	88.9	89.3	89.7	89.8	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2
GE 3000	1.0	84.2	87.7	90.0	91.6	92.0	92.5	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1
GE 2500	1.0	84.9	88.4	90.7	92.3	93.0	93.4	93.7	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1
GE 2000	1.0	85.8	89.5	91.9	93.6	94.4	94.9	95.2	95.3	95.5	95.5	95.6	95.6	95.6	95.7	95.7
GE 1800	1.0	85.9	89.6	92.0	93.8	94.6	95.1	95.4	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.9
GE 1500	1.0	86.2	89.9	92.5	94.3	95.1	95.8	96.2	96.3	96.4	96.5	96.6	96.7	96.7	96.7	96.7
GE 1200	1.0	86.6	90.3	92.9	94.8	95.5	96.3	96.7	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.3
GE 1000	1.0	86.8	90.6	93.3	95.2	96.0	96.9	97.3	97.4	97.5	97.6	97.6	97.8	97.8	97.8	97.8
GE 900	1.0	86.9	90.6	93.4	95.4	96.1	97.0	97.4	97.6	97.7	97.8	97.8	98.0	98.0	98.0	98.0
GE 800	1.1	87.1	91.0	93.7	95.7	96.4	97.4	97.7	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.4
GE 700	1.1	87.1	91.1	93.7	95.8	96.6	97.5	97.9	98.1	98.2	98.3	98.4	98.5	98.5	98.5	98.6
GE 600	1.1	87.2	91.1	93.8	95.9	96.7	97.7	98.1	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.8
GE 500	1.1	87.2	91.1	93.8	96.0	96.8	97.9	98.3	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0
GE 400	1.1	87.2	91.1	93.9	96.1	96.9	98.0	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.3
GE 300	1.1	87.2	91.1	93.9	96.1	97.0	98.2	98.7	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.6
GE 200	1.1	87.2	91.1	93.9	96.1	97.0	98.2	98.7	99.0	99.3	99.5	99.5	99.7	99.7	99.7	99.8
GE 100	1.1	87.2	91.1	93.9	96.1	97.0	98.2	98.7	99.0	99.3	99.5	99.5	99.7	99.7	99.8	100.0
GE 0	1.1	87.2	91.1	93.9	96.1	97.0	98.2	98.7	99.0	99.3	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 4510

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.5	42.4	46.8	50.7	56.5	57.0	59.1	59.3	59.6	59.6	59.9	60.0	60.3	60.4	60.4	60.5
GE 20000	.5	46.2	51.0	55.2	61.4	62.2	64.3	64.5	64.7	64.7	65.1	65.2	65.6	65.7	65.7	65.8
GE 18000	.5	46.3	51.2	55.3	61.5	62.3	64.4	64.6	64.9	64.9	65.2	65.3	65.7	65.8	65.8	65.9
GE 16000	.5	46.3	51.2	55.3	61.5	62.3	64.4	64.6	64.9	64.9	65.2	65.3	65.7	65.8	65.8	65.9
GE 14000	.5	46.7	51.5	55.6	61.9	62.7	64.7	65.0	65.2	65.2	65.6	65.7	66.0	66.1	66.1	66.2
GE 12000	.5	47.9	53.2	57.1	63.4	64.2	66.2	66.5	66.7	66.7	67.1	67.2	67.5	67.6	67.6	67.7
GE 10000	.5	52.5	58.1	62.6	69.2	70.0	72.2	72.5	72.7	72.7	73.0	73.2	73.5	73.6	73.6	73.7
GE 9000	.5	52.8	58.3	62.8	69.5	70.3	72.5	72.7	72.9	72.9	73.3	73.4	73.7	73.8	73.8	74.0
GE 8000	.5	55.3	60.9	66.0	72.9	73.6	76.0	76.3	76.5	76.5	76.8	77.0	77.3	77.4	77.4	77.5
GE 7000	.5	56.5	62.4	67.6	74.9	75.8	78.0	78.2	78.5	78.6	78.9	79.0	79.4	79.5	79.5	79.6
GE 6000	.5	57.3	63.4	68.5	75.9	76.8	79.0	79.3	79.5	79.6	80.0	80.1	80.4	80.5	80.5	80.6
GE 5000	.5	58.1	64.4	69.6	77.0	77.9	80.1	80.3	80.5	80.6	81.0	81.1	81.5	81.6	81.6	81.7
GE 4500	.5	58.5	65.0	70.2	77.5	78.5	80.6	80.9	81.1	81.2	81.6	81.7	82.0	82.1	82.1	82.3
GE 4000	.5	59.6	66.2	71.4	78.5	79.7	81.9	82.1	82.4	82.5	82.8	82.9	83.3	83.4	83.4	83.5
GE 3500	.5	60.9	67.5	72.8	80.2	81.1	83.3	83.5	83.8	83.9	84.2	84.3	84.7	84.8	84.8	84.9
GE 3000	.5	62.3	69.0	74.4	82.1	83.1	85.4	85.6	85.8	85.9	86.3	86.4	86.8	86.9	86.9	87.0
GE 2500	.5	62.9	69.6	75.1	82.9	84.0	86.4	86.6	86.9	87.0	87.3	87.4	87.8	87.9	87.9	88.0
GE 2000	.5	63.8	70.6	76.2	84.1	85.4	87.8	88.1	88.4	88.6	88.9	89.1	89.4	89.5	89.5	89.6
GE 1800	.5	63.8	70.6	76.2	84.4	85.5	87.9	88.2	88.5	88.7	89.1	89.2	89.5	89.6	89.6	89.7
GE 1500	.5	63.9	70.7	76.3	84.5	85.6	88.0	88.4	88.6	88.8	89.2	89.3	89.6	89.7	89.7	89.9
GE 1200	.5	63.9	70.9	76.5	84.7	85.8	88.2	88.7	88.9	89.2	89.5	89.6	90.0	90.1	90.1	90.2
GE 1000	.5	64.2	71.1	77.0	85.3	86.5	88.9	89.4	89.6	90.0	90.3	90.4	90.8	90.9	90.9	91.0
GE 900	.5	64.3	71.3	77.2	85.7	86.6	89.3	89.7	90.0	90.3	90.7	90.8	91.1	91.2	91.2	91.4
GE 800	.5	64.4	71.7	77.6	86.3	87.3	90.0	90.6	90.9	91.2	91.6	91.7	92.1	92.2	92.2	92.3
GE 700	.5	64.7	72.1	78.0	86.8	87.8	90.4	91.0	91.5	91.9	92.3	92.4	92.7	92.9	92.9	93.0
GE 600	.5	65.0	72.2	78.2	87.1	88.2	91.0	91.6	92.1	92.5	93.0	93.1	93.4	93.5	93.5	93.7
GE 500	.5	65.0	72.5	78.7	87.4	88.9	91.7	92.3	92.9	93.3	93.8	93.9	94.2	94.4	94.4	94.5
GE 400	.5	65.0	72.6	78.8	88.1	89.6	92.5	93.3	94.2	94.7	95.2	95.3	95.7	95.9	96.0	96.1
GE 300	.5	65.0	72.6	79.0	88.4	90.1	93.1	94.1	95.3	95.9	96.7	96.9	97.5	97.7	97.8	98.0
GE 200	.5	65.0	72.6	79.1	88.5	90.2	93.2	94.5	95.6	96.4	97.2	97.5	98.6	98.8	99.3	99.7
GE 100	.5	65.0	72.6	79.1	88.5	90.2	93.2	94.5	95.6	96.4	97.2	97.5	98.6	98.8	99.4	100.0
GE 0	.5	65.0	72.6	79.1	88.5	90.2	93.2	94.5	95.6	96.4	97.2	97.5	98.6	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 866

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.8	54.2	56.6	59.2	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	.8	63.9	67.8	66.6	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 18000	.8	61.1	64.0	66.6	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	.8	61.1	64.0	66.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 14000	.8	62.0	64.9	67.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 12000	.8	62.6	65.6	68.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	.8	66.3	70.1	73.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 9000	.8	66.6	70.3	73.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 8000	.8	67.7	71.6	74.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	.8	69.4	73.4	76.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 6000	.8	69.6	73.6	77.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 5000	.8	70.1	74.1	77.9	78.9	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4500	.8	71.1	75.3	79.1	80.1	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4000	.8	72.8	77.2	81.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	.8	74.3	78.7	82.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	1.0	77.1	81.7	85.9	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2500	1.0	78.4	83.1	87.5	88.7	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	1.0	79.2	84.1	88.5	90.0	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1800	1.0	79.2	84.1	88.5	90.0	90.0	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	1.0	79.7	85.0	89.6	91.3	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	1.0	80.3	85.6	90.4	92.1	92.1	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	1.1	81.3	86.6	91.3	93.1	93.2	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	1.1	81.5	86.8	91.7	93.6	93.8	94.5	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 800	1.1	81.8	87.2	92.1	94.2	94.5	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	1.1	82.0	87.6	92.5	94.7	95.0	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	1.1	82.2	87.9	93.2	95.4	95.6	96.5	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	1.1	82.5	88.4	93.8	95.9	96.4	97.5	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	1.1	82.5	88.4	94.0	96.1	97.6	98.4	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	1.1	82.5	88.4	94.0	96.1	97.6	98.6	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	1.1	82.5	88.4	94.0	96.1	97.6	98.6	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	1.1	82.5	88.4	94.0	96.1	97.6	98.6	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	1.1	82.5	88.4	94.0	96.1	97.6	98.6	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.8	51.7	53.1	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	.8	62.3	63.9	65.7	65.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	.8	62.3	63.9	65.7	65.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	.8	62.3	63.9	65.7	65.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	.8	63.0	64.6	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	.9	64.3	65.9	67.7	67.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	.9	67.2	69.8	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000	.9	67.5	70.2	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000	.9	69.2	72.3	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 7000	.9	71.1	74.3	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 6000	.9	71.5	74.8	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 5000	.9	72.6	75.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4500	.9	73.1	76.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	.9	76.0	79.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	.9	79.0	83.1	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	1.1	84.3	88.5	90.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	1.1	86.1	90.4	92.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	1.1	87.0	91.4	93.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	1.1	87.1	91.5	94.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1600	1.1	88.1	92.5	95.1	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	1.1	88.3	92.7	95.3	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	1.1	88.5	92.9	95.5	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	1.1	88.7	93.2	95.8	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	1.1	89.1	93.7	96.2	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	1.1	89.4	94.1	96.8	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	1.1	89.6	94.4	97.2	98.9	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	1.1	89.6	94.4	97.2	99.0	99.0	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	1.1	89.6	94.4	97.2	99.0	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	1.1	89.6	94.4	97.2	99.0	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	1.1	89.6	94.4	97.2	99.0	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	1.1	89.6	94.4	97.2	99.0	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	1.1	89.6	94.4	97.2	99.0	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 936

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: FT LEONARD WOOD MO

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

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES															
	GE 2 1/2	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
GE 22	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 20	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 18	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 16	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 14	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 12	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 10	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4 1/2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3 1/2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2 1/2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1 1/2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 7/8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 3/4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 5/8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1/2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

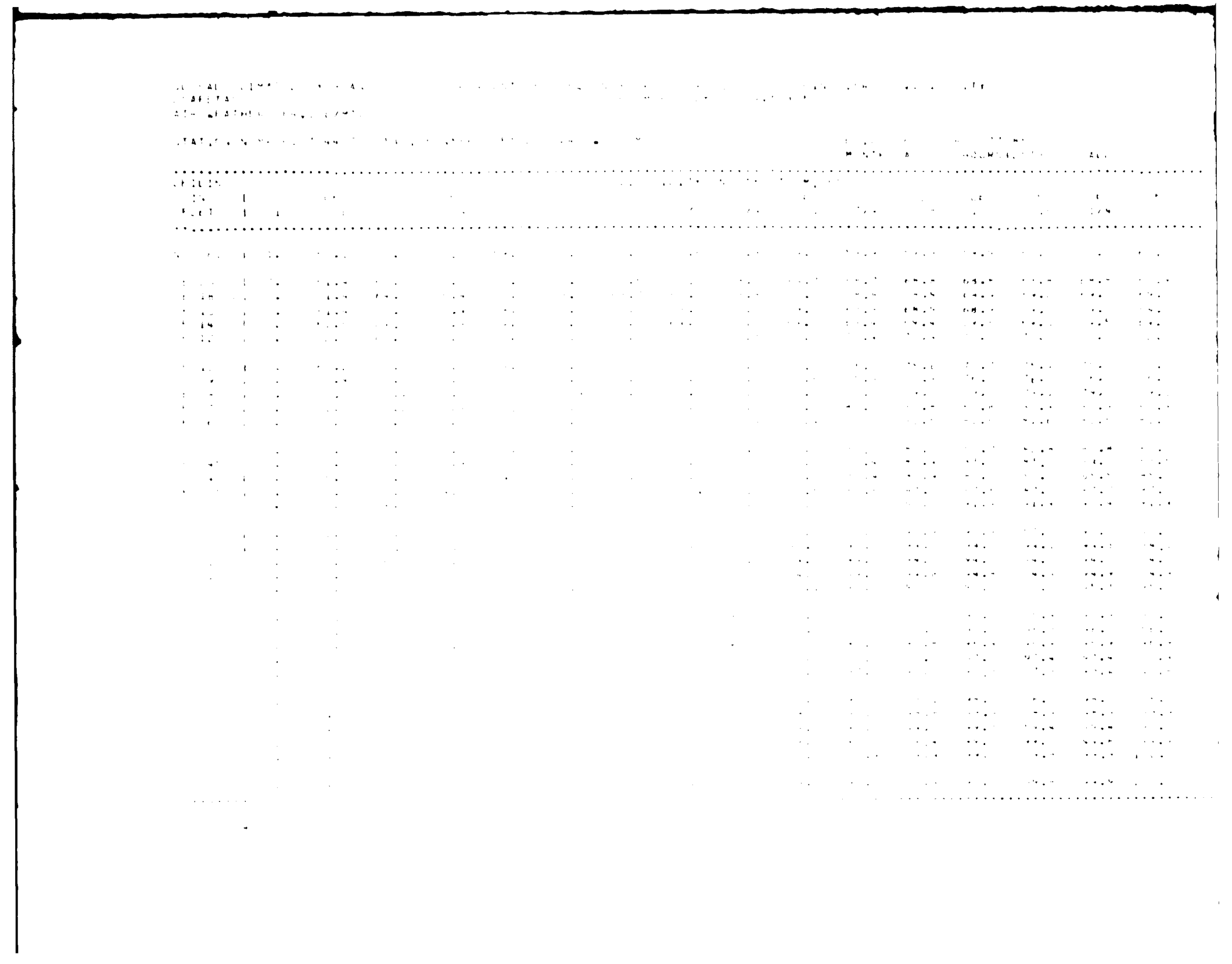
CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	3.7	60.7	62.7	64.7	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 20000	3.9	70.1	72.3	74.4	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 18000	3.9	70.1	72.3	74.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 16000	3.9	70.1	72.3	74.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 14000	3.9	70.1	72.3	74.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 12000	3.9	70.9	73.1	75.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 10000	4.0	76.6	78.4	80.5	81.5	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 9000	4.1	76.2	78.0	80.1	81.1	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 8000	4.1	80.1	82.7	85.1	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 7000	4.1	81.2	83.8	86.2	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 6000	4.1	81.8	84.4	86.9	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 5000	4.2	82.8	85.4	88.1	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4500	4.2	83.2	85.9	88.8	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4000	4.2	84.3	87.1	90.1	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	4.2	85.1	87.9	91.0	92.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3000	4.2	87.3	90.2	93.4	94.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	4.4	88.4	91.4	94.7	96.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2200	4.4	88.8	91.8	95.1	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	4.4	89.0	92.0	95.3	96.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	4.4	89.0	92.0	95.3	96.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1600	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1400	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 300	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 200	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 100	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 0	4.4	89.2	92.2	95.5	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] FROM HOURLY OBSERVATIONS

[illegible]

PERIOD OF RECORD: 77-79,81,86
MONTH: AUG HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	7/16	1/4	0
[illegible]	96.4	95.-	96.7	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	74.4	75.3	77.-	78.5	79.-	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
[illegible]	74.8



[illegible] PERCENTAGE FREQUENCY OF CEILING VERSUS VISIBILITY
USAFETAC [illegible] OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: [illegible] PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		56.6	58.[illegible]	59.[illegible]	59.[illegible]	[illegible].5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 20000		61.1	62.[illegible]	63.8	64.[illegible]	[illegible]4.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000		61.1	62.6	63.[illegible]	64.[illegible]	4.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000		61.1	62.[illegible]	63.6	64.[illegible]	4.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000		61.5	63.[illegible]	64.2	64.	[illegible].[illegible]	65.0	65.[illegible]	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000		63.9	65.[illegible]	[illegible].[illegible]	67.	7.[illegible]	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000		67.7	69.5	70.[illegible]	71.[illegible]	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000		[illegible].1	70.[illegible]	71.1	71.[illegible]	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 8000		71.3	73.1	74.[illegible]	75.[illegible]	75.9	76.0	76.[illegible]	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 7000		73.1	74.9	76.4	77.	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 6000		73.6	75.4	76.9	77.[illegible]	78.1	78.2	78.[illegible]	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 5000		74.[illegible]	76.[illegible]	78.5	79.[illegible]	79.7	79.8	79.[illegible]	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4500		75.3	77.1	78.9	79.[illegible]	[illegible].[illegible]	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000		76.4	78.[illegible]	80.[illegible]	81.[illegible]	1.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3500		77.6	79.[illegible]	81.7	82.[illegible]	[illegible]3.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000		79.5	81.[illegible]	83.[illegible]	84.[illegible]	[illegible]5.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2500		81.4	83.[illegible]	85.[illegible]	87.[illegible]	[illegible]7.[illegible]	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2200		82.[illegible]	84.[illegible]	87.[illegible]	88.[illegible]	[illegible]9.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000		82.3	85.1	87.5	89.	[illegible]9.7	90.0	90.[illegible]	90.0	90.0	90.0	90.[illegible]	90.0	90.0	90.0	90.0
GE 1800		84.[illegible]	87.[illegible]	89.3	90.[illegible]	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1600		85.0	88.1	90.[illegible]	92.	[illegible]2.[illegible]	93.0	93.[illegible]	93.0	93.0	93.[illegible]	93.0	93.0	93.0	93.0	93.0
GE 1400		[illegible]5.[illegible]	[illegible]5.7	91.[illegible]	[illegible]2.[illegible]	[illegible]3.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200		[illegible]5.7	[illegible]5.[illegible]	91.[illegible]	[illegible]3.	3.7	94.[illegible]	94.[illegible]	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000		86.[illegible]	[illegible]9.[illegible]	[illegible]2.[illegible]	[illegible]3.[illegible]	[illegible]4.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900		86.4	89.9	92.6	94.[illegible]	[illegible]5.1	[illegible]5.9	96.[illegible]	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3
GE 800		86.6	90.1	[illegible]2.[illegible]	94.[illegible]	[illegible]5.[illegible]	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 700		[illegible]6.7	90.[illegible]	93.1	95.1	[illegible]6.4	[illegible]7.2	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 600		86.7	90.5	93.4	95.[illegible]	[illegible]7.2	98.[illegible]	98.6	98.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 500		86.8	[illegible]7.[illegible]	93.5	96.1	[illegible]7.4	98.5	99.2	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7
GE 400		86.8	90.8	93.5	96.1	[illegible]7.4	98.5	99.2	99.3	99.4	99.7	99.7	99.9	100.0	100.0	100.0
GE 100		[illegible]6.8	[illegible]0.8	[illegible]3.5	96.1	[illegible]7.4	98.5	99.2	99.3	99.4	99.7	99.7	99.9	100.0	100.0	100.0
GE 0		[illegible]6.8	[illegible]0.8	[illegible]3.5	96.1	[illegible]7.4	98.5	99.2	99.3	99.4	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

...AL CLIMATIC ... PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...BASE, MS FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 72443? STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.0	56.6	57..	57.6	57.	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
...	1.0	64.3	65.1	65.4	65..	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
...	1.0	64.3	65.1	65.4	65..	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
...	1.0	64.3	65.1	65.4	65..	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
...	1.0	64.6	65.3	65.7	65..	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
...	1.0	65.6	66.6	66.9	67.	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
...	1.0	70.4	71..	71.7	71..	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
...	1.0	70.9	71.7	72..	72.	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
...	1.	73.4	74..	75.1	75..	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
...	1.1	74.9	76..	76.7	77..	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
...	1.1	75.1	76..	77..	77.	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
...	1.1	77.5	78..	79.5	79..	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
...	1.1	78.1	79..	80.1	80..	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
...	1.1	79.5	81.7	81.4	82..	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
...	1.1	80.6	82.1	82..	83.	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
...	1.1	86.2	87..	87..	88.	88.3	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
...	1.1	90.5	91..	91..	91..	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
...	1.1	91.6	92..	92..	92..	93.3	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
...	1.1	92.5	93..	93..	93.	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
...	1.1	94.5	95..	95.1	95.	95.6	95.8	95.8	95.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2
...	1.1	95.1	95..	95.4	95.	95..	95.4	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
...	1.1	96.3	96..	96..	96.	96.3	96.6	96.9	96.9	97.6	97.1	97.1	97.1	97.1	97.1	97.1
...	1.1	96.9	97..	97..	97..	96.9	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
...	1.1	97.2	97..	97..	97..	97..	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
...	1.1	97.4	97..	97.5	97..	97.6	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
...	1.1	98.0	98..	98.1	98..	98..	98.3	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
...	1.1	98.4	98..	98.6	98..	98.7	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
...	1.1	99.0	99..	99.1	99..	99.2	99..	99..	99.1	99.3	99.4	99.4	99.6	99.6	99.7	99.7
...	1.1	99.0	99..	99.1	99..	99.2	99.3	99..	99.1	99.3	99.4	99.4	99.6	99.6	99.7	99.7
...	1.1	99.0	99..	99.1	99..	99.2	99.3	99.3	99.1	99.3	99.4	99.4	99.8	99.8	99.9	99.9
...	1.1	99.0	99..	99.1	99..	99.2	99.3	99.3	99.1	99.3	99.4	99.4	99.8	99.8	99.9	100.0
...	1.1	99.0	99..	99.1	99..	99.2	99.3	99.3	99.1	99.3	99.4	99.4	99.8	99.8	99.9	100.0

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

[illegible] OF CEILING VERSUS VISIBILITY
[illegible] OBSERVATIONS

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

VISIBILITY IN STATUTE MILES

CEILING IN HUNDREDS OF FEET	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
[illegible]	[illegible]	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
[illegible]	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
[illegible]	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
[illegible]	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
[illegible]	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
[illegible]	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
[illegible]	[illegible]	[illegible]	80.2	80.2	80.2	80.2	80.2	80.2	80.2
[illegible]	[illegible]	[illegible]	80.4	80.4	80.4	80.4	80.4	80.4	80.4
[illegible]	[illegible]	[illegible]	82.9	82.9	82.9	82.9	82.9	82.9	82.9
[illegible]	[illegible]	[illegible]	83.6	83.6	83.6	83.6	83.6	83.6	83.6
[illegible]	[illegible]	[illegible]	84.7	84.7	84.7	84.7	84.7	84.7	84.7
[illegible]	[illegible]	[illegible]	86.1	86.1	86.1	86.1	86.1	86.1	86.1
[illegible]	[illegible]	[illegible]	87.4	87.4	87.4	87.4	87.4	87.4	87.4
[illegible]	[illegible]	[illegible]	88.5	88.5	88.5	88.5	88.5	88.5	88.5
[illegible]	[illegible]	[illegible]	89.8	89.8	89.8	89.8	89.8	89.8	89.8
[illegible]	[illegible]	[illegible]	92.4	92.4	92.4	92.4	92.4	92.4	92.4
[illegible]	[illegible]	[illegible]	[illegible]	95.0	95.0	95.0	95.0	95.0	95.0
[illegible]	[illegible]	[illegible]	[illegible]	95.5	95.5	95.5	95.5	95.5	95.5
[illegible]	[illegible]	[illegible]	[illegible]	95.6	95.6	95.6	95.6	95.6	95.6
[illegible]	[illegible]	[illegible]	[illegible]	96.8	96.8	96.8	96.8	96.8	96.8
[illegible]	[illegible]	[illegible]	[illegible]	96.9	96.9	96.9	96.9	96.9	96.9
[illegible]	[illegible]	[illegible]	97.7	97.7	97.7	97.7	97.7	97.7	97.7
[illegible]	[illegible]	[illegible]	97.9	97.9	97.9	97.9	97.9	97.9	97.9
[illegible]	[illegible]	[illegible]	[illegible]	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	[illegible]	[illegible]	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	[illegible]	[illegible]	99.4	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	[illegible]	[illegible]	99.7	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-81,86
MONTH: SEP HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1/2	1	2	3	4	5	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
ALL	65.4	66.4	67.7	69.4	69.4	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 20000	66.4	70.9	73.1	73.9	73.9	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 18000	66.9	70.9	73.1	73.9	73.9	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 16000	66.9	70.9	73.1	73.9	73.9	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 14000	66.9	70.9	73.1	73.9	73.9	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 12000	66.9	71.1	73.4	76.1	76.1	76.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 10000	67.6	77.6	79.9	80.6	80.6	80.6	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 9000	68.4	79.1	81.3	82.1	82.1	82.1	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 8000	68.4	79.9	82.1	82.8	82.8	82.8	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 7000	69.4	80.6	82.8	83.6	83.6	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 6000	69.4	80.6	82.8	83.6	83.6	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	69.4	81.3	83.6	84.3	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4500	69.4	81.3	84.3	85.1	85.1	85.1	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	69.1	82.6	85.3	86.6	88.1	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3500	69.1	83.6	86.6	87.3	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	69.9	85.1	88.1	88.8	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	70.6	85.8	88.8	89.6	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	70.6	87.3	90.3	91.0	92.5	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	70.6	87.3	90.3	91.0	92.5	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1400	70.6	87.3	90.3	91.0	92.5	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1300	70.6	87.3	90.3	91.0	92.5	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	71.3	89.6	92.5	93.3	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1100	71.3	89.6	92.5	93.3	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	71.3	89.6	92.5	93.3	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	72.1	90.3	94.1	94.8	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	72.1	91.0	94.8	96.3	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	99.3	99.3	99.3
GE 700	72.1	91.0	94.8	96.3	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	99.3	99.3	99.3
GE 600	72.1	91.0	94.8	96.3	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
GE 500	72.1	91.0	94.8	96.3	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
GE 400	72.1	91.0	94.8	96.3	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
GE 300	72.1	91.0	94.8	96.3	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
GE 200	72.1	91.0	94.8	96.3	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
GE 100	72.1	91.0	94.8	96.3	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
GE 0	72.1	91.0	94.8	96.3	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 134

NORMAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72445 STATION NAME: FT LEONARD WOOD MO

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 1/2	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.5	56.4	57.7	59.0	59.7	59.9	60.2	60.3	60.4	60.5	60.6	60.6	60.6	60.6	60.7	60.8
GE 25000	2.7	62.6	64.0	65.3	66.2	66.6	67.0	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.5	67.6
GE 18000	2.7	62.5	64.0	65.3	66.2	66.6	67.0	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.5	67.6
GE 16000	2.7	62.5	64.0	65.3	66.2	66.6	67.0	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.5	67.6
GE 14000	2.7	62.6	64.4	65.7	66.6	66.9	67.3	67.4	67.5	67.6	67.7	67.7	67.7	67.7	67.8	67.9
GE 12000	2.7	64.5	66.1	67.4	68.2	68.7	69.1	69.2	69.3	69.4	69.5	69.5	69.6	69.6	69.7	69.7
GE 10000	2.8	68.9	70.4	72.0	73.1	73.6	74.1	74.2	74.3	74.4	74.5	74.6	74.6	74.6	74.7	74.7
GE 9000	2.9	69.3	70.9	72.4	73.5	73.9	74.5	74.6	74.7	74.8	74.9	75.0	75.0	75.0	75.1	75.1
GE 8000	2.9	71.9	73.7	75.3	76.5	77.0	77.5	77.6	77.7	77.9	78.0	78.1	78.1	78.1	78.2	78.3
GE 7000	2.9	73.2	75.0	76.6	78.1	78.5	79.0	79.1	79.2	79.4	79.5	79.5	79.6	79.6	79.7	79.8
GE 6000	2.9	73.6	75.5	77.2	78.6	79.0	79.6	79.7	79.8	80.0	80.1	80.1	80.2	80.2	80.3	80.3
GE 5000	2.9	75.2	77.1	78.9	80.4	80.8	81.4	81.5	81.6	81.8	81.9	81.9	82.0	82.0	82.1	82.1
GE 4500	2.9	76.1	78.0	79.8	81.4	81.8	82.3	82.5	82.6	82.8	82.8	82.9	82.9	82.9	83.0	83.1
GE 4000	2.9	77.1	79.2	81.0	82.6	83.1	83.7	83.8	83.9	84.1	84.2	84.3	84.3	84.3	84.4	84.5
GE 3500	2.9	78.4	80.6	82.5	84.2	84.6	85.2	85.3	85.4	85.6	85.8	85.8	85.8	85.8	85.9	86.0
GE 3000	3.0	81.0	83.3	85.3	87.1	87.4	88.1	88.2	88.3	88.5	88.7	88.7	88.8	88.8	88.9	88.9
GE 2500	3.0	83.1	85.5	87.5	89.4	89.9	90.7	90.8	90.9	91.1	91.3	91.3	91.4	91.4	91.4	91.5
GE 2200	3.0	83.6	86.2	88.4	90.4	91.0	91.7	91.9	92.0	92.2	92.4	92.4	92.4	92.4	92.5	92.6
GE 2000	3.0	83.9	86.5	88.8	90.8	91.2	91.9	92.0	92.2	92.4	92.5	92.6	92.6	92.6	92.7	92.8
GE 1800	3.0	84.7	87.5	89.6	91.7	92.2	93.0	93.2	93.3	93.5	93.7	93.8	93.8	93.8	93.9	94.0
GE 1600	3.0	85.5	88.4	90.2	92.0	92.4	92.9	93.1	93.9	94.0	94.3	94.5	94.5	94.5	94.6	94.7
GE 1400	3.1	86.1	89.0	91.1	93.3	93.6	94.6	94.8	94.9	95.2	95.4	95.5	95.5	95.5	95.6	95.7
GE 1200	3.1	86.4	89.3	91.5	93.8	94.1	94.9	95.1	95.2	95.5	95.7	95.7	95.7	95.7	95.8	95.9
GE 1000	3.1	86.7	89.7	91.7	94.1	94.5	95.3	95.5	95.7	96.0	96.2	96.2	96.2	96.2	96.3	96.4
GE 900	3.2	86.9	89.8	92.1	94.4	95.0	95.9	96.1	96.3	96.5	96.8	96.8	96.8	96.8	96.9	97.0
GE 800	3.2	87.2	90.2	92.4	94.7	95.4	96.3	96.6	96.7	97.0	97.3	97.3	97.4	97.4	97.5	97.6
GE 700	3.2	87.1	90.1	92.5	95.1	95.7	96.6	97.0	97.2	97.5	97.7	97.6	97.8	97.8	97.9	98.0
GE 600	3.2	87.3	90.4	92.7	95.4	96.1	97.1	97.6	97.9	98.3	98.5	98.6	98.7	98.7	98.8	98.9
GE 500	3.2	87.4	90.5	92.9	95.6	96.3	97.3	97.9	98.2	98.7	99.0	99.0	99.1	99.2	99.3	99.5
GE 400	3.2	87.4	90.5	92.9	95.7	96.3	97.4	97.9	98.3	98.7	99.1	99.1	99.3	99.4	99.6	99.8
GE 300	3.2	87.4	90.5	92.9	95.7	96.3	97.4	97.9	98.3	98.7	99.1	99.1	99.4	99.4	99.7	100.0
GE 200	3.2	87.4	90.5	92.9	95.7	96.3	97.4	97.9	98.3	98.7	99.1	99.1	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4794

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

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

CEILING	VISIBILITY IN STATUTE MILES														
	GE 1/2	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10
	54.1	54.4	54.4	54.4	54.6	54.6	54.6	54.7	54.7	55.1					
	56.7	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.5					
	56.7	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.5					
	56.7	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.5					
	56.7	56.8	56.8	56.9	57.0	57.0	57.0	57.2	57.2	57.6					
	57.9	58.1	58.2	58.3	58.5	58.5	58.5	58.6	58.6	59.1					
	61.9	62.1	62.4	62.4	62.5	62.5	62.5	62.6	62.6	63.1					
	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.2	63.2	63.7					
	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.5	66.5	67.0					
	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.9	67.9	68.4					
	68.7	68.8	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.5					
	69.8	69.8	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.5					
	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.1	72.1	72.5					
	73.0	73.1	73.1	73.1	73.3	73.3	73.3	73.4	73.4	73.8					
	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.7	74.7	75.1					
	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.4	76.6	77.0					
	78.2	78.2	78.3	78.3	78.5	78.5	78.5	78.6	78.7	79.2					
	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.7	81.2					
	80.6	80.7	80.8	80.9	80.9	80.9	80.9	81.1	81.2	81.7					
	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.4	83.9					
	83.6	83.7	83.8	83.8	83.9	83.9	83.9	84.0	84.1	84.6					
	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.6	85.7	86.2					
	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.4	86.9					
	86.4	86.6	86.6	86.7	86.7	86.9	87.0	87.1	87.6						
	87.6	87.8	88.0	88.3	88.3	88.4	88.5	88.6	89.1						
	89.7	90.2	90.5	90.8	90.8	90.9	91.0	91.1	91.6						
	91.5	92.1	92.3	92.5	92.5	92.7	92.8	92.9	93.4						
	93.4	93.7	94.0	94.0	94.2	94.3	94.4	94.6							
	94.4	95.1	95.4	95.4	95.6	95.7	95.9	96.6							
	94.9	96.0	96.7	96.7	97.2	97.4	98.0	99.3							
	95.8	96.1	96.4	96.6	97.3	97.5	98.2	99.9							
	96.1	96.8	96.8	97.3	97.5	98.2	100.0								

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

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2	GE 1 1/2	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 3/16	GE 1/4	GE 0
			52.6	52.6	52.6	52.6	52.6	52.6	52.6
			58.1	58.1	58.1	58.1	58.1	58.1	58.1
			58.5	58.5	58.5	58.5	58.5	58.5	58.5
			58.9	58.9	58.9	58.9	58.9	58.9	58.9
			60.7	60.7	60.7	60.7	60.7	60.7	60.7
			64.4	64.4	64.4	64.4	64.4	64.4	64.4
			65.1	65.1	65.1	65.1	65.1	65.1	65.1
			69.4	69.4	69.4	69.4	69.4	69.4	69.4
			71.7	71.7	71.7	71.7	71.7	71.7	71.7
			72.6	72.6	72.6	72.6	72.6	72.6	72.6
			73.5	73.5	73.5	73.5	73.5	73.5	73.5
			75.0	75.0	75.0	75.0	75.0	75.0	75.0
			75.9	75.9	75.9	75.9	75.9	75.9	75.9
			76.8	76.8	76.8	76.8	76.8	76.8	76.8
			78.2	78.2	78.2	78.2	78.2	78.2	78.2
			79.8	79.8	79.8	79.8	79.8	79.8	79.8
			81.8	81.8	81.8	81.8	81.8	81.8	81.8
			82.3	82.3	82.3	82.3	82.3	82.3	82.3
			84.3	84.3	84.3	84.3	84.3	84.3	84.3
			86.0	86.0	86.0	86.0	86.0	86.0	86.0
			88.7	88.7	88.7	88.7	88.7	88.7	88.7
			89.4	89.4	89.4	89.4	89.4	89.4	89.4
			91.9	91.9	91.9	91.9	91.9	91.9	91.9
			93.8	93.8	93.8	93.8	93.8	93.8	93.8
			95.4	95.4	95.4	95.4	95.4	95.4	95.4
			96.8	96.9	96.9	96.9	96.9	96.9	96.9
			98.1	98.2	98.2	98.2	98.2	98.2	98.2
			99.3	99.3	99.3	99.3	99.3	99.3	99.3
			99.7	99.8	99.8	99.9	99.9	100.0	100.0
			99.7	99.8	99.8	99.9	99.9	100.0	100.0

[illegible] COMPARISON OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] STATION NAME: [illegible] AFB MO

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

CEILING IN FEET		VISIBILITY IN STATUTE MILES														
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		13.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE	20000	14.3	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE	18000	14.3	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE	16000	14.3	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE	14000	14.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE	12000	14.3	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE	10000	14.6	66.2	66.6	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE	9000	14.6	67.2	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE	8000	15.2	70.7	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE	7000	15.2	72.2	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE	6000	15.2	73.5	74.0	74.0	74.	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE	5000	15.2	75.0	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE	4500	15.2	77.3	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE	4000	15.3	79.1	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE	3500	15.4	81.5	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE	3000	15.7	83.6	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE	2500	16.0	84.4	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE	2000	16.1	86.1	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE	1800	17.0	86.3	87.9	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE	1500	17.5	87.0	88.6	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE	1200	17.7	88.1	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE	1000	17.8	88.4	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE	900	17.8	88.5	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE	800	17.8	88.6	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE	700	17.8	88.7	90.4	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE	600	17.8	88.8	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	500	17.8	88.8	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	400	17.8	88.8	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	300	17.8	88.8	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	200	17.8	88.8	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	100	17.8	88.8	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	0	17.8	88.8	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.7	53.2	53.6	53.8	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.4
GE 20000	4.8	58.2	58.7	59.3	59.2	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5
GE 18000	4.9	58.4	58.9	59.1	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7
GE 16000	4.9	58.4	58.9	59.1	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7
GE 14000	4.9	58.7	59.2	59.4	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9
GE 12000	4.9	59.7	60.3	60.5	60.7	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1
GE 10000	5.0	63.5	64.2	64.5	64.9	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
GE 9000	5.0	64.0	64.7	65.1	65.4	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
GE 8000	5.2	67.3	68.2	68.6	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.4
GE 7000	5.2	68.7	69.7	70.1	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8
GE 6000	5.2	69.7	70.7	71.1	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9
GE 5000	5.2	70.8	71.9	72.4	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
GE 4500	5.2	72.5	73.7	74.2	74.7	74.9	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3
GE 4000	5.2	73.6	74.8	75.4	76.1	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
GE 3500	5.3	75.0	76.3	76.9	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1
GE 3000	5.3	76.9	78.4	79.1	80.0	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.6
GE 2500	5.4	78.8	79.7	80.5	81.5	81.6	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.4
GE 2000	5.6	79.6	81.6	82.6	83.7	84.0	84.3	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8
GE 1800	5.6	79.9	82.0	83.0	84.1	84.5	84.7	85.0	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.3
GE 1500	5.7	81.3	83.6	84.8	86.1	86.4	86.6	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4
GE 1200	5.7	82.6	84.4	85.6	87.2	87.6	88.0	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.7
GE 1000	5.7	83.3	85.9	87.3	89.1	89.5	90.0	90.4	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.8
GE 900	5.7	83.6	86.3	87.7	89.6	90.1	90.6	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.4
GE 800	5.7	84.3	87.1	88.5	90.7	91.3	91.8	92.2	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.7
GE 700	5.7	84.7	87.6	89.2	91.6	92.4	92.9	93.4	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.9
GE 600	5.7	85.0	88.2	89.9	92.4	93.5	94.2	94.8	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.3
GE 500	5.7	85.4	88.7	90.5	93.2	94.3	95.4	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.6
GE 400	5.7	85.4	88.8	90.7	93.7	94.9	96.2	97.0	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.8
GE 300	5.7	85.5	88.9	90.8	93.9	95.2	96.7	97.7	98.0	98.3	98.6	98.6	98.7	98.7	98.7	98.8
GE 200	5.7	85.5	89.0	90.9	94.1	95.4	97.0	98.1	98.4	98.8	99.3	99.3	99.4	99.4	99.4	99.5
GE 100	5.7	85.5	89.0	90.9	94.1	95.4	97.1	98.1	98.4	98.9	99.3	99.3	99.4	99.5	99.5	99.6
GE 0	5.7	85.5	89.0	90.9	94.1	95.4	97.1	98.1	98.4	98.9	99.3	99.3	99.4	99.5	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS: 4566

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(LST): 0[illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	[illegible]
NO CEIL	3.9	39.3	4[illegible].9	41.4	42.1	42.4	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	[illegible]
GE 20000	3.9	42.8	44.9	45.6	46.3	46.6	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	[illegible]
GE 18000	3.9	42.8	44.9	45.6	46.3	46.6	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	[illegible]
GE 16000	3.9	42.8	44.9	45.6	46.3	46.6	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	[illegible]
GE 14000	3.9	43.0	45.0	45.7	46.4	46.7	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	[illegible]
GE 12000	3.9	43.9	46.2	46.9	47.6	47.8	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5	[illegible]
GE 10000	3.9	47.8	50.2	50.9	51.6	51.9	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6	[illegible]
GE 9000	3.9	48.0	50.3	51.0	51.7	52.0	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	[illegible]
GE 8000	4.0	49.5	52.0	52.7	53.4	53.8	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	[illegible]
GE 7000	4.0	51.2	53.7	54.4	55.1	55.5	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	[illegible]
GE 6000	4.0	52.2	54.7	55.4	56.1	56.5	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	[illegible]
GE 5000	4.0	54.3	56.9	57.6	58.3	58.9	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	[illegible]
GE 4500	4.0	55.1	57.7	58.4	59.1	59.7	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.5	[illegible]
GE 4000	4.0	56.2	58.9	59.6	60.3	60.8	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	[illegible]
GE 3500	4.0	57.0	59.7	60.5	61.2	61.6	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.5	62.5	[illegible]
GE 3000	4.6	58.4	61.2	62.5	63.2	63.7	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.5	[illegible]
GE 2500	4.6	59.8	62.6	63.9	64.6	65.1	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	66.0	[illegible]
GE 2000	4.6	62.6	65.7	67.1	67.9	68.5	68.9	69.0	69.0	69.2	69.2	69.2	69.2	69.3	69.5	[illegible]
GE 1800	4.6	63.0	66.1	67.5	68.3	68.9	69.3	69.5	69.5	69.9	69.9	69.9	69.9	70.0	70.1	[illegible]
GE 1500	4.6	66.0	69.3	70.7	71.5	72.4	72.8	72.9	72.9	73.4	73.4	73.4	73.4	73.5	73.6	[illegible]
GE 1200	4.6	67.2	70.7	72.1	73.0	74.3	74.8	74.9	74.9	75.3	75.3	75.3	75.3	75.5	75.6	[illegible]
GE 1000	4.7	68.8	72.2	73.9	76.0	76.7	77.1	77.3	77.4	77.6	77.8	77.8	77.8	77.8	78.0	[illegible]
GE 900	4.7	68.9	72.4	74.1	76.3	77.0	77.4	77.7	77.8	78.2	78.2	78.2	78.2	78.4	78.6	[illegible]
GE 800	4.7	69.2	72.7	74.3	76.7	77.5	78.0	78.2	78.4	78.8	78.9	78.9	78.9	79.1	79.3	[illegible]
GE 700	4.7	69.6	73.2	74.9	77.4	78.2	78.7	79.1	79.4	79.5	79.9	80.1	80.1	80.2	80.4	[illegible]
GE 600	4.7	70.7	74.3	76.6	79.2	80.0	80.9	81.7	82.1	82.3	82.6	83.0	83.0	83.1	83.3	[illegible]
GE 500	4.7	71.0	74.9	77.3	80.1	82.0	83.3	83.7	84.1	84.7	84.9	84.9	84.9	85.1	85.2	[illegible]
GE 400	4.7	71.6	75.9	78.4	82.4	84.4	86.1	86.8	87.2	88.1	88.6	88.6	88.6	88.7	89.0	[illegible]
GE 300	4.7	72.1	76.2	78.7	82.7	84.8	87.3	88.6	89.4	90.7	91.2	91.2	91.4	91.9	92.2	[illegible]
GE 200	4.7	72.1	76.3	78.8	83.0	85.1	87.7	89.1	90.2	92.1	93.2	93.6	93.9	95.3	95.5	[illegible]
GE 100	4.7	72.1	76.3	78.8	83.0	85.1	87.7	89.1	90.2	92.1	93.4	93.9	94.3	95.7	96.1	[illegible]
GE 0	4.7	72.1	76.3	78.8	83.0	85.1	87.7	89.1	90.2	92.1	93.4	93.9	94.3	95.7	96.1	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.7	43.1	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.1
GE 20000	.7	48.4	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4
GE 18000	.7	48.5	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5
GE 16000	.7	48.5	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5
GE 14000	.7	48.6	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7
GE 12000	.7	49.2	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2
GE 10000	.7	52.7	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
GE 9000	.7	52.8	53.6	53.6	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
GE 8000	.7	55.7	56.5	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
GE 7000	.7	57.2	58.0	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7
GE 6000	.7	57.7	58.5	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
GE 5000	.7	59.0	59.8	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
GE 4500	.7	59.8	60.6	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
GE 4000	.7	60.5	61.3	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
GE 3500	.7	62.6	62.9	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9
GE 3000	.7	62.6	63.8	64.3	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8
GE 2500	.7	64.1	65.4	66.0	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.6
GE 2000	.7	66.9	68.4	69.1	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
GE 1800	.7	68.3	69.8	70.6	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
GE 1500	.7	70.0	71.7	72.6	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5
GE 1200	.7	72.6	74.5	75.4	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
GE 1000	.7	73.9	76.0	77.0	78.2	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
GE 900	.7	74.4	76.5	77.6	78.9	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
GE 800	.7	74.9	77.3	78.7	80.4	80.7	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7
GE 700	.7	75.8	78.1	79.6	82.2	82.6	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.1
GE 600	.7	76.7	79.3	80.9	83.7	84.3	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 500	.7	77.4	80.3	82.3	86.2	87.1	88.3	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.6
GE 400	.7	77.9	81.1	83.3	87.4	88.5	90.2	91.7	92.0	92.4	92.5	92.5	92.7	92.7	92.9	93.0
GE 300	.7	78.3	81.5	84.0	88.3	90.0	92.1	94.3	94.5	95.3	95.9	95.9	96.2	96.3	96.5	96.7
GE 200	.7	78.6	81.5	84.0	88.5	90.4	92.5	94.9	95.1	96.0	97.4	97.6	97.8	98.0	98.4	98.6
GE 100	.7	78.8	81.5	84.0	88.5	90.4	92.5	95.1	95.3	96.3	97.7	97.8	98.1	98.6	99.2	100.0
GE 0	.7	78.8	81.5	84.0	88.5	90.4	92.5	95.1	95.3	96.3	97.7	97.8	98.1	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 8064

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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 [illegible]
NO CEIL	1.0	44.7	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 20000	1.0	49.5	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 18000	1.0	49.5	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 16000	1.0	49.7	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 14000	1.1	50.3	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000	1.1	50.6	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 10000	1.1	53.6	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 9000	1.1	53.9	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 8000	1.1	56.1	56.5	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 7000	1.1	58.2	58.6	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 6000	1.1	59.3	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 5000	1.1	61.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 4500	1.1	62.3	63.1	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 4000	1.1	63.1	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 3500	1.1	64.4	65.1	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 3000	1.1	66.2	67.0	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 2500	1.1	69.8	72.7	73.9	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2000	1.1	73.2	74.2	74.5	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 1800	1.1	73.3	74.4	74.6	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1500	1.1	75.4	76.6	77.2	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1200	1.1	77.5	79.1	79.7	80.4	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1000	1.1	79.4	80.8	81.6	82.2	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 900	1.1	79.6	81.3	82.0	82.7	82.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 800	1.1	80.1	81.9	83.1	83.5	83.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 700	1.1	81.0	82.9	84.7	85.2	85.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 600	1.1	82.6	84.6	86.1	86.7	86.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 500	1.1	83.1	85.1	87.0	87.6	87.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 400	1.1	83.5	85.7	88.0	88.6	88.8	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 300	1.1	83.7	86.1	89.1	89.8	90.0	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 200	1.1	83.7	86.1	89.1	90.2	90.4	94.0	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 100	1.1	83.8	86.2	89.2	90.4	90.7	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 0	1.1	83.8	86.2	89.2	90.4	90.7	94.5	94.5	95.1	95.1	95.1	95.1	95.6	95.6	95.6	95.6

TOTAL NUMBER OF OBSERVATIONS: 84

GLOBAL CLIMATOLOGY BRANCH [illegible]
USAFETAC [illegible]
AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: [illegible]

CEILING IN FEET	GE 10	GE [illegible]	GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO CEIL	1.6	45.8	46.1	46.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	1.7	50.9	51.[illegible]	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	1.7	50.9	51.[illegible]	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	1.7	50.9	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	1.7	51.[illegible]	51.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	1.7	51.6	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	1.7	54.1	54.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	1.7	54.[illegible]	54.[illegible]	54.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	1.7	55.3	55.6	55.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	1.7	56.[illegible]	57.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	1.7	58.5	58.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	1.8	60.9	61.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	1.8	62.7	63.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	1.8	63.4	63.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	1.8	64.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	1.8	68.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	1.8	71.[illegible]	72.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	1.8	73.9	74.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	1.8	74.1	74.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	1.8	76.[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	1.8	78.7	79.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME: FT [illegible]

CEILING VERSUS VISIBILITY IN STATUTE MILES

CEILING IN FEET	0E 10	0E 6	0E 4	0E 3	0E 2 1/2	0E 2	0E 1 1/2	0E 1 1/4	0E 1	0E 3/4	0E 5/8	0E 1/2	0E 3/16	0E 1/4	
NO CEIL	8.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	
GE 20000	8.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	
GE 18000	8.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	
GE 16000	8.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	
GE 14000	8.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
GE 12000	8.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	
GE 10000	9.0	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	
GE 9000	9.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
GE 8000	9.0	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
GE 7000	9.0	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	
GE 6000	9.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	
GE 5000	9.9	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	
GE 4500	10.4	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	
GE 4000	10.6	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	
GE 3500	10.6	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
GE 3000	10.7	66.0	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	
GE 2500	11.0	70.4	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
GE 2000	11.2	73.7	74.2	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
GE 1800	11.3	74.6	75.1	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
GE 1500	11.8	77.3	77.9	78.1	78.6	78.6	78.8	78.6	78.6	78.6	78.8	78.6	78.8	78.8	
GE 1200	12.0	79.3	79.9	80.2	81.3	81.3	81.7	81.3	81.3	81.3	81.3	81.3	81.7	81.7	
GE 1000	12.1	82.3	82.9	83.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
GE 900	12.1	82.7	83.3	83.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
GE 800	12.1	83.0	83.6	83.9	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
GE 700	12.1	83.6	84.2	84.8	86.2	86.4	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	
GE 600	12.3	84.2	84.9	85.6	87.9	88.0	88.3	88.3	88.5	88.6	88.6	88.6	88.6	88.6	
GE 500	12.3	84.9	85.7	86.4	89.4	89.5	90.2	90.2	90.4	90.5	90.5	90.5	90.6	90.6	
GE 400	12.3	85.1	86.1	86.9	90.1	90.2	91.2	91.3	91.7	92.0	92.0	92.1	92.1	92.1	
GE 300	12.3	85.8	86.9	87.9	91.2	91.7	94.2	94.2	95.2	96.1	97.1	97.1	97.3	97.4	
GE 200	12.3	85.8	86.9	87.9	91.2	91.7	94.2	94.5	95.6	97.0	98.2	98.3	98.5	98.6	
GE 100	12.3	85.8	86.9	87.9	91.2	91.7	94.2	94.5	95.6	97.1	98.2	98.6	99.2	99.4	
GE 0	12.3	85.8	86.9	87.9	91.2	91.7	94.2	94.5	95.6	97.1	98.3	98.6	99.2	99.4	

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-81,84-88
MONTH: NOV HOURS(LST): 0100-2300

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	11.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	12.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 18000	12.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 16000	12.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 14000	12.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 12000	12.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 10000	13.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 9000	13.4	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 8000	13.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 7000	13.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 6000	13.8	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 5000	13.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4500	14.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 4000	14.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 3500	14.7	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 3000	15.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 2500	15.7	69.1	69.1	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 2000	15.7	71.0	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 1800	15.7	71.0	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 1500	17.1	76.5	76.5	76.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1200	17.1	77.9	78.3	78.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1000	17.5	80.6	81.0	82.0	83.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 900	17.5	81.1	82.0	82.5	83.4	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 800	17.5	81.6	82.9	83.4	84.4	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 700	17.5	82.0	83.4	83.9	85.7	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 600	18.0	82.5	83.9	84.3	85.7	85.7	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 500	18.0	83.4	84.8	85.3	86.6	87.1	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.5	89.5	89.5
GE 400	18.0	83.9	85.3	86.2	88.1	89.4	90.3	90.6	90.6	90.8	90.8	90.8	90.8	91.2	91.2	91.2
GE 300	18.0	84.3	86.2	87.1	88.9	90.3	92.2	93.5	94.0	94.9	94.9	94.9	95.4	95.4	95.9	95.9
GE 200	18.0	84.3	86.2	87.1	88.9	90.3	92.2	93.5	94.5	95.4	95.4	95.4	95.9	96.3	96.8	96.8
GE 100	18.0	84.3	86.2	87.1	88.9	90.3	92.2	93.5	94.5	95.4	95.9	95.9	97.2	98.2	99.1	99.1
GE 0	18.0	84.3	86.2	87.1	89.4	90.8	92.6	94.0	94.9	95.9	96.3	96.3	97.7	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	3.4	44.2	44.7	44.9	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.3
GE 20000	3.5	49.1	49.7	49.8	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3
GE 18000	3.5	49.1	49.7	49.9	50.0	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3
GE 16000	3.5	49.1	49.8	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.4
GE 14000	3.5	49.4	50.0	50.1	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.6
GE 12000	3.6	50.0	50.7	50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.3
GE 10000	3.7	52.7	53.5	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1
GE 9000	3.7	53.0	53.7	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
GE 8000	3.8	54.7	55.5	55.6	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2
GE 7000	3.8	56.2	57.0	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.8
GE 6000	3.8	57.2	58.0	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.8
GE 5000	4.0	59.4	60.2	60.6	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
GE 4500	4.1	60.8	61.7	62.1	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6
GE 4000	4.1	61.6	62.4	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
GE 3500	4.1	62.7	63.6	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.6
GE 3000	4.3	65.1	66.2	66.7	66.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3
GE 2500	4.3	67.6	68.7	69.2	69.4	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.1
GE 2000	4.4	70.4	71.6	72.2	72.5	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4
GE 1800	4.4	70.9	72.2	72.8	73.4	73.6	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0
GE 1500	4.6	73.5	74.9	75.7	76.4	76.6	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0
GE 1200	4.6	75.5	77.0	77.9	78.3	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4
GE 1000	4.7	77.4	79.1	80.1	81.0	81.6	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1
GE 900	4.7	77.9	79.7	80.8	82.0	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9	83.0
GE 800	4.7	78.2	80.1	81.4	83.0	83.5	83.6	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
GE 700	4.7	78.9	80.8	82.4	84.0	85.0	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.9	86.0
GE 600	4.7	79.7	81.7	83.4	86.2	86.6	87.2	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.9	88.0
GE 500	4.7	80.4	82.7	84.5	88.0	88.5	89.4	89.9	90.0	90.3	90.3	90.3	90.4	90.4	90.5	90.6
GE 400	4.7	80.7	83.1	85.3	89.0	89.6	91.1	91.6	92.2	92.7	92.9	92.9	93.0	93.0	93.1	93.2
GE 300	4.7	81.1	83.6	85.9	89.7	90.6	92.5	93.9	94.6	95.4	96.1	96.1	96.2	96.4	96.5	96.7
GE 200	4.7	81.1	83.7	86.0	89.8	91.0	93.1	94.4	95.1	96.4	97.4	97.6	97.7	98.1	98.4	98.7
GE 100	4.7	81.1	83.7	86.0	89.8	91.0	93.1	94.4	95.2	96.5	97.5	97.8	98.0	98.7	99.1	99.4
GE 0	4.7	81.1	83.7	86.0	89.8	91.1	93.1	94.5	95.2	96.5	97.6	97.8	98.2	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 4399

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	5.7	42.6	42.9	43.0	43.7	43.4	43.4	43.6	43.6	43.7	43.7	43.9	43.9	43.9	44..
GE 20000	5.9	45.0	45.3	45.6	45.9	46.0	46.0	46.1	46.1	46.3	46.3	46.3	46.4	46.4	46.5	46.7
GE 18000	5.9	45.0	45.3	45.6	45.9	46.0	46.0	46.1	46.1	46.3	46.3	46.3	46.4	46.4	46.6	46.7
GE 16000	5.9	45.0	45.3	45.6	45.9	46.0	46.0	46.1	46.1	46.3	46.3	46.3	46.4	46.4	46.6	46.7
GE 14000	5.9	45.4	45.7	46.0	46.3	46.4	46.4	46.6	46.6	46.7	46.7	46.7	46.9	46.9	47.0	47.1
GE 12000	6.0	45.9	46.1	46.4	46.7	46.9	46.9	47.0	47.0	47.1	47.1	47.1	47.3	47.3	47.4	47.6
GE 10000	6.0	48.6	48.9	49.1	49.4	49.6	49.6	49.7	49.7	49.9	49.9	49.9	50.0	50.0	50.1	50.3
GE 9000	6.0	49.3	49.6	49.9	50.1	50.3	50.3	50.4	50.4	50.6	50.6	50.6	50.7	50.7	50.9	51.0
GE 8000	6.0	50.6	50.9	51.1	51.4	51.6	51.7	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.3	52.4
GE 7000	6.0	52.1	52.4	52.7	53.0	53.1	53.2	53.4	53.4	53.6	53.6	53.6	53.7	53.7	53.9	54.0
GE 6000	6.0	53.6	53.9	54.1	54.4	54.6	54.7	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.3	55.4
GE 5000	6.1	56.1	56.7	57.4	57.7	57.9	58.0	58.1	58.1	58.2	58.3	58.3	58.4	58.4	58.6	58.7
GE 4500	6.1	57.1	57.7	58.4	58.7	58.9	59.0	59.1	59.1	59.3	59.3	59.3	59.4	59.4	59.6	59.7
GE 4000	6.1	57.9	58.4	59.1	59.4	59.6	59.7	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.3	60.4
GE 3500	6.6	59.1	59.7	60.7	61.0	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.9	62.0
GE 3000	6.6	61.7	62.3	63.3	63.7	63.9	64.1	64.3	64.3	64.4	64.4	64.4	64.6	64.6	64.7	64.9
GE 2500	6.9	63.9	64.6	65.7	66.1	66.3	66.7	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.	67.4
GE 2000	6.9	65.7	66.4	67.6	68.1	68.4	68.6	68.8	69.1	69.3	69.3	69.3	69.4	69.4	69.6	69.7
GE 1800	7.0	66.3	67.0	68.3	69.0	69.3	69.7	69.9	70.1	70.1	70.1	70.1	70.2	70.2	70.4	70.6
GE 1500	7.1	69.4	70.3	71.6	72.1	72.6	73.1	73.3	73.4	73.7	73.7	73.7	73.9	73.9	74.0	74.1
GE 1200	7.1	70.9	71.9	73.3	74.0	74.3	74.9	75.0	75.1	75.4	75.4	75.4	75.6	75.6	75.7	75.9
GE 1000	7.1	73.0	74.1	75.6	76.1	76.3	77.2	77.4	77.6	77.9	77.9	77.9	78.0	78.0	78.1	78.3
GE 900	7.1	74.0	75.1	76.6	77.1	78.1	78.9	79.0	79.1	79.4	79.4	79.4	79.6	79.6	79.7	79.9
GE 800	7.2	75.0	76.4	78.3	79.	80.1	80.9	81.0	81.1	81.6	81.6	81.6	81.7	81.7	81.9	82..
GE 700	7.3	75.7	77.1	79.3	81.1	81.4	82.1	82.3	82.4	82.9	82.9	82.9	83.0	83.0	83.1	83.3
GE 600	7.3	76.7	78.7	80.9	82.7	83.0	84.1	84.3	84.4	84.8	84.8	84.8	84.9	84.9	85.0	85.2
GE 500	7.3	76.9	79.0	81.6	84.0	84.4	85.6	86.0	86.1	86.4	86.4	86.4	86.7	86.7	86.9	87.1
GE 400	7.3	77.1	79.6	82.3	85.0	86.3	87.7	88.0	88.4	90.7	90.9	90.9	91.2	91.2	91.4	91.6
GE 300	7.3	77.4	80.0	82.7	86.7	87.9	89.6	91.0	91.9	93.7	94.1	94.1	94.4	94.4	94.7	94.9
GE 200	7.3	77.4	80.0	82.7	86.0	88.0	89.7	91.3	92.6	94.6	95.0	95.2	95.5	95.7	96.1	96.3
GE 100	7.3	77.4	80.0	82.7	86.0	88.0	89.7	91.3	92.6	94.6	95.0	95.2	95.5	95.7	96.1	96.3
GE 0	7.3	77.4	80.0	82.7	86.0	88.0	89.7	91.3	92.6	94.6	95.0	95.2	95.5	95.7	96.1	96.3

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: [illegible]

PERIOD OF RECORD: [illegible]
MONTH: DEC HOURS(LST): 0-2, 3-5, 6-8, 9-11, 12-14, 15-17, 18-20, 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	6	5	4	3	2 1/2	2	1 1/2	1	3/4	1/2	1/4	1/8	0	LT
NO CEIL	.7	41.4	42.0	42.4	42.	[illegible]	[illegible]	[illegible]	[illegible]	42.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	.7	45.2	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.8	46.8	46.8	46.8	46.8	[illegible]	[illegible]
GE 18000	.7	45.4	46.1	46.8	46.	46.9	46.9	46.9	46.9	47.2	47.2	47.2	47.1	47.1	[illegible]	[illegible]
GE 16000	.7	45.4	46.1	46.8	46.	46.9	46.9	46.9	46.9	47.	47.2	47.2	47.1	47.1	[illegible]	[illegible]
GE 14000	.7	46.3	47.0	47.7	47.	47.8	47.8	47.8	47.8	47.9	47.9	47.9	48.1	48.1	[illegible]	[illegible]
GE 12000	.7	46.6	47.7	47.9	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.7	48.7	[illegible]	[illegible]
GE 10000	.7	50.5	51.3	51.5	52.1	[illegible]	[illegible]	[illegible]	52.1	52.2	[illegible]	52.2	52.7	[illegible]	[illegible]	[illegible]
GE 9000	.7	51.2	51.9	52.2	52.	[illegible]	[illegible]	[illegible]	52.6	52.7	52.7	52.7	52.9	[illegible]	[illegible]	[illegible]
GE 8000	.7	54.0	54.8	55.2	55.4	[illegible]	[illegible]	[illegible]	55.4	55.7	55.7	55.7	55.8	[illegible]	[illegible]	[illegible]
GE 7000	.7	54.5	55.3	55.7	56.1	[illegible]	[illegible]	[illegible]	56.1	56.2	56.2	56.2	[illegible]	56.3	[illegible]	[illegible]
GE 6000	.7	55.3	56.1	56.7	57.1	[illegible]	[illegible]	[illegible]	[illegible]	57.2	57.2	57.3	57.4	[illegible]	[illegible]	[illegible]
GE 5000	.7	57.1	58.0	58.7	59.	[illegible]	[illegible]	[illegible]	[illegible]	59.4	59.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	.7	57.3	58.1	[illegible]	59.1	[illegible]	[illegible]	[illegible]	[illegible]	59.5	59.5	[illegible]	[illegible]	59.6	[illegible]	[illegible]
GE 4000	.7	58.5	59.6	60.3	[illegible]	[illegible]	61.0	[illegible]	[illegible]	61.0	61.0	61.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	.7	60.3	61.2	61.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	.7	62.2	63.1	63.5	[illegible]	[illegible]	64.4	64.4	64.5	64.5	64.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	.7	63.9	65.1	65.6	66.1	[illegible]	[illegible]	[illegible]	66.7	66.8	66.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	.7	66.6	67.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	.7	66.9	68.2	68.6	69.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	.7	69.3	70.7	71.3	71.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	.7	71.7	73.2	74.1	74.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	.7	72.4	74.1	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	.7	73.3	75.1	76.1	77.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	.7	73.5	75.5	76.7	77.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	.7	74.4	76.2	77.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	.7	75.5	77.3	78.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	.7	75.5	77.4	78.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	.7	75.5	78.4	81.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	.7	75.5	78.4	81.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	.7	75.5	78.4	81.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 0	.7	75.5	78.4	81.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 724457 STATION NAME:

CEILING VERSUS VISIBILITY (STATUTE MILES)

CEILING IN FEET	VE 10	GE 6	GE 5	GE 4	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO CEIL	.4	44.1	44.4	44.4	44.	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	.4	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.
GE 18000	.4	49.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.
GE 16000	.4	49.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.
GE 14000	.4	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.
GE 12000	.4	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.
GE 10000	.7	54.	54.	55.	55.	55.	55.	55.	55.	55.	55.	55.	55.	55.	55.	55.
GE 9000	.7	54.	54.	55.	55.	55.	55.	55.	55.	55.	55.	55.	55.	55.	55.	55.
GE 8000	.7	57.	57.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.
GE 7000	.7	58.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.
GE 6000	.7	58.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.
GE 5000	.7	60.	60.	60.	61.	61.	61.	61.	61.	61.	61.	61.	61.	61.	61.	61.
GE 4500	.7	61.	61.	61.	62.	62.	62.	62.	62.	62.	62.	62.	62.	62.	62.	62.
GE 4000	.7	62.	62.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.
GE 3500	.7	63.	64.	64.	64.	64.	64.	64.	64.	64.	64.	64.	64.	64.	64.	64.
GE 3000	.7	66.	66.	67.	67.	67.	67.	67.	67.	67.	67.	67.	67.	67.	67.	67.
GE 2500	.7	68.	68.	69.	69.	69.	69.	69.	69.	69.	69.	69.	69.	69.	69.	69.
GE 2000	.7	70.	71.	71.	72.	72.	72.	72.	72.	72.	72.	72.	72.	72.	72.	72.
GE 1800	.7	70.	71.	72.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.
GE 1500	.7	73.	74.	75.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.
GE 1200	.7	75.	76.	77.	78.	78.	78.	78.	78.	78.	78.	78.	78.	78.	78.	78.
GE 1000	.7	76.	79.	79.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.
GE 900	.7	77.	79.	81.	81.	81.	81.	81.	81.	81.	81.	81.	81.	81.	81.	81.
GE 800	.7	78.	81.	82.	82.	82.	82.	82.	82.	82.	82.	82.	82.	82.	82.	82.
GE 700	.7	79.	81.	83.	84.	84.	84.	84.	84.	84.	84.	84.	84.	84.	84.	84.
GE 600	.7	79.	81.	83.	85.	85.	85.	85.	85.	85.	85.	85.	85.	85.	85.	85.
GE 500	.7	79.	82.	84.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.
GE 400	.7	79.	82.	84.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.
GE 300	.7	79.	82.	85.	87.	87.	87.	87.	87.	87.	87.	87.	87.	87.	87.	87.
GE 200	.7	79.	82.	85.	87.	87.	87.	87.	87.	87.	87.	87.	87.	87.	87.	87.
GE 100	.7	79.	82.	85.	87.	87.	87.	87.	87.	87.	87.	87.	87.	87.	87.	87.
GE 0	.7	79.	82.	85.	87.	87.	87.	87.	87.	87.	87.	87.	87.	87.	87.	87.

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 72447 STATION NAME: [illegible]

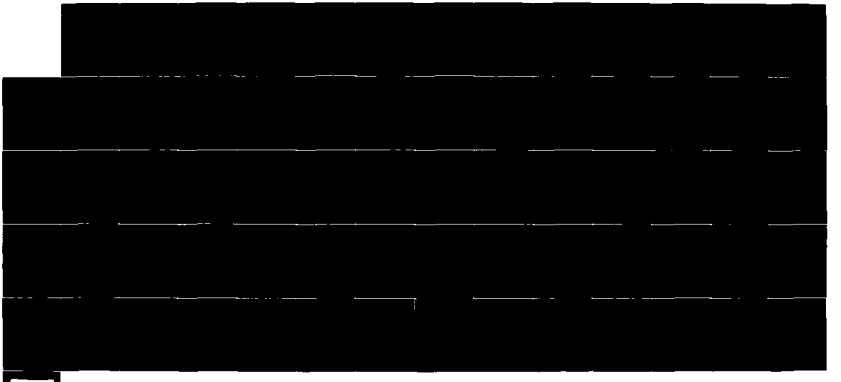
CEILING IN HUNDREDS OF FEET | VISIBILITY IN STATUTE MILES

	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
NO CEIL	.8	45.4	47.0	48.5	49.1	49.7	50.0	50.2	50.4	50.6	50.7	50.9	51.0	51.1	51.2	51.3	51.4	51.5
20000	.8	51.5	51.7	51.9	51.9	52.0	52.0	52.1	52.1	52.2	52.2	52.3	52.3	52.4	52.4	52.5	52.5	52.6
18000	.8	51.6	52.0	52.2	52.3	52.4	52.4	52.5	52.5	52.6	52.6	52.7	52.7	52.8	52.8	52.9	52.9	53.0
16000	.8	51.6	52.1	52.4	52.5	52.6	52.6	52.7	52.7	52.8	52.8	52.9	52.9	53.0	53.0	53.1	53.1	53.2
14000	.8	51.6	52.2	52.6	52.8	52.9	52.9	53.0	53.0	53.1	53.1	53.2	53.2	53.3	53.3	53.4	53.4	53.5
12000	.8	52.7	53.4	53.8	54.0	54.1	54.1	54.2	54.2	54.3	54.3	54.4	54.4	54.5	54.5	54.6	54.6	54.7
10000	.8	56.3	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.1	57.1	57.2	57.2	57.3	57.3	57.4
9000	.9	56.6	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.3	57.3	57.4	57.4	57.5	57.5	57.6	57.6	57.7
8000	.9	58.5	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.2	59.2	59.3	59.3	59.4	59.4	59.5	59.5	59.6
7000	.9	59.8	60.2	60.3	60.4	60.4	60.4	60.5	60.5	60.6	60.6	60.7	60.7	60.8	60.8	60.9	60.9	61.0
6000	.9	60.7	61.1	61.2	61.3	61.3	61.3	61.4	61.4	61.5	61.5	61.6	61.6	61.7	61.7	61.8	61.8	61.9
5000	.9	62.1	62.6	62.8	62.9	63.0	63.0	63.1	63.1	63.2	63.2	63.3	63.3	63.4	63.4	63.5	63.5	63.6
4900	.9	64.3	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.2	65.3	65.3	65.4	65.4	65.5	65.5	65.6
4800	.9	64.8	65.4	65.7	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.3	66.3	66.4	66.4	66.5	66.5	66.6
4700	.9	65.6	66.2	66.4	66.7	66.7	66.7	66.8	66.8	66.9	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.3
4600	.9	67.5	68.1	68.3	68.5	68.6	68.6	68.7	68.7	68.8	68.8	68.9	68.9	69.0	69.0	69.1	69.1	69.2
4500	.9	69.1	69.7	69.9	70.1	70.2	70.2	70.3	70.3	70.4	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.8
4400	.9	72.2	72.8	73.1	73.4	73.5	73.5	73.6	73.6	73.7	73.7	73.8	73.8	73.9	73.9	74.0	74.0	74.1
4300	.9	73.3	74.0	74.2	74.5	74.6	74.6	74.7	74.7	74.8	74.8	74.9	74.9	75.0	75.0	75.1	75.1	75.2
4200	.9	76.1	77.0	77.3	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.5	78.5	78.6	78.6	78.7
4100	.9	77.6	78.4	78.7	79.8	80.0	80.0	80.1	80.1	80.2	80.2	80.3	80.3	80.4	80.4	80.5	80.5	80.6
4000	.9	78.9	79.7	80.1	81.7	82.0	82.0	82.1	82.1	82.2	82.2	82.3	82.3	82.4	82.4	82.5	82.5	82.6
3900	.9	79.7	81.1	81.6	82.7	83.0	83.0	83.1	83.1	83.2	83.2	83.3	83.3	83.4	83.4	83.5	83.5	83.6
3800	.9	80.1	81.6	82.1	83.5	83.8	83.8	83.9	83.9	84.0	84.0	84.1	84.1	84.2	84.2	84.3	84.3	84.4
3700	.9	81.1	82.8	83.4	84.6	85.0	85.0	85.1	85.1	85.2	85.2	85.3	85.3	85.4	85.4	85.5	85.5	85.6
3600	.9	81.4	83.2	83.9	85.5	86.0	86.0	86.1	86.1	86.2	86.2	86.3	86.3	86.4	86.4	86.5	86.5	86.6
3500	.9	82.4	84.2	84.9	86.7	87.2	87.2	87.3	87.3	87.4	87.4	87.5	87.5	87.6	87.6	87.7	87.7	87.8
3400	.9	83.4	85.3	86.0	87.9	88.4	88.4	88.5	88.5	88.6	88.6	88.7	88.7	88.8	88.8	88.9	88.9	89.0
3300	.9	84.1	86.0	86.8	88.6	89.1	89.1	89.2	89.2	89.3	89.3	89.4	89.4	89.5	89.5	89.6	89.6	89.7
3200	.9	84.9	86.8	87.6	89.4	89.9	89.9	90.0	90.0	90.1	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.5
3100	.9	85.4	87.3	88.1	89.9	90.4	90.4	90.5	90.5	90.6	90.6	90.7	90.7	90.8	90.8	90.9	90.9	91.0
3000	.9	86.4	88.3	89.1	90.9	91.4	91.4	91.5	91.5	91.6	91.6	91.7	91.7	91.8	91.8	91.9	91.9	92.0
2900	.9	87.1	89.0	89.8	91.6	92.1	92.1	92.2	92.2	92.3	92.3	92.4	92.4	92.5	92.5	92.6	92.6	92.7
2800	.9	88.1	90.0	90.8	92.6	93.1	93.1	93.2	93.2	93.3	93.3	93.4	93.4	93.5	93.5	93.6	93.6	93.7
2700	.9	89.1	91.0	91.8	93.6	94.1	94.1	94.2	94.2	94.3	94.3	94.4	94.4	94.5	94.5	94.6	94.6	94.7
2600	.9	89.4	91.3	92.1	93.9	94.4	94.4	94.5	94.5	94.6	94.6	94.7	94.7	94.8	94.8	94.9	94.9	95.0
2500	.9	90.1	92.0	92.8	94.6	95.1	95.1	95.2	95.2	95.3	95.3	95.4	95.4	95.5	95.5	95.6	95.6	95.7
2400	.9	90.4	92.3	93.1	94.9	95.4	95.4	95.5	95.5	95.6	95.6	95.7	95.7	95.8	95.8	95.9	95.9	96.0
2300	.9	90.7	92.6	93.4	95.2	95.7	95.7	95.8	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.2	96.2	96.3
2200	.9	91.1	93.0	93.8	95.6	96.1	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.5	96.5	96.6	96.6	96.7
2100	.9	91.1	93.0	93.8	95.6	96.1	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.5	96.5	96.6	96.6	96.7
2000	.9	91.4	93.3	94.1	95.9	96.4	96.4	96.5	96.5	96.6	96.6	96.7	96.7	96.8	96.8	96.9	96.9	97.0
1900	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
1800	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
1700	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
1600	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
1500	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
1400	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
1300	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
1200	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
1100	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
1000	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
900	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
800	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
700	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
600	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
500	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
400	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
300	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
200	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
100	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3
0	.9	91.7	93.6	94.4	96.2	96.7	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.3

[illegible] : 97.7

AD-A183 532 FT LEONARD WOOD MISSOURI LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (L..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 09 JUN 87 3/3

UNCLASSIFIED USAFETAC/DS-87/041 F/G 4/2 NL



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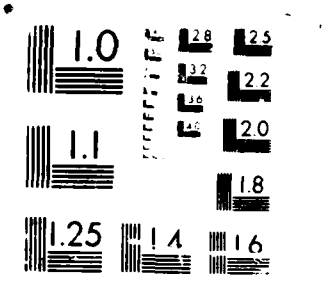
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1.8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	10.5	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	10.9	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 18000	10.9	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 16000	10.9	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 14000	10.9	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 12000	11.3	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 10000	12.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 9000	12.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 8000	12.8	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 7000	12.8	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 6000	12.8	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 5000	13.9	63.5	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4500	13.9	66.0	66.1	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 4000	13.9	66.2	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 3500	14.1	67.5	67.6	67.6	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 3000	14.4	69.2	69.5	69.6	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 2500	14.7	70.5	70.7	70.9	71.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 2000	15.0	74.0	74.3	74.4	74.5	74.9	75.2	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6
GE 1800	15.1	74.1	74.4	74.5	74.7	75.0	75.3	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7
GE 1500	15.4	77.2	78.2	78.5	78.6	79.3	79.6	79.7	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0
GE 1200	15.4	78.9	80.0	80.4	80.8	81.2	81.6	81.7	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0
GE 1000	15.4	80.5	81.8	82.3	82.7	83.3	83.6	83.8	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1
GE 900	15.4	81.1	82.4	83.2	83.6	84.2	84.8	84.9	84.9	85.0	85.3	85.3	85.3	85.3	85.3	85.3
GE 800	15.4	81.7	83.3	84.3	84.9	85.6	86.2	86.3	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6
GE 700	15.4	82.3	84.0	85.1	85.7	86.4	87.0	87.1	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4
GE 600	15.4	82.5	84.2	85.5	86.4	87.4	88.0	88.2	88.2	88.4	88.7	88.7	88.7	88.8	88.9	88.9
GE 500	15.4	83.1	84.9	86.6	87.7	88.7	89.5	89.9	89.9	90.0	90.4	90.4	90.4	90.6	90.7	90.7
GE 400	15.4	83.1	85.0	87.0	88.8	89.9	91.5	92.2	92.2	92.4	92.9	92.9	92.9	93.0	93.1	93.1
GE 300	15.4	83.5	85.5	87.6	89.9	91.1	93.3	94.2	94.2	95.0	95.7	95.7	95.7	95.9	96.0	96.0
GE 200	15.4	83.8	85.7	87.8	90.4	91.7	94.2	95.5	95.5	96.9	97.8	97.8	98.0	98.2	98.3	98.3
GE 100	15.4	83.8	85.7	87.8	90.4	91.7	94.2	96.0	96.0	97.5	98.4	98.4	99.1	99.2	99.3	99.4
GE 0	15.4	83.8	85.7	87.8	90.4	91.7	94.2	96.0	96.0	97.5	98.4	98.4	99.2	99.3	99.8	100.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-81,84-86
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.2	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	14.7	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 18000	14.7	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 16000	14.7	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 14000	14.7	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 12000	15.1	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 10000	16.1	56.9	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 9000	16.5	57.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 8000	16.5	59.2	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 7000	16.5	61.5	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 6000	17.0	61.9	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 5000	17.9	65.6	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 4500	17.9	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 4000	17.9	67.4	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 3500	17.9	68.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3000	18.3	69.7	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 2500	18.8	72.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 2000	18.8	74.8	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 1800	18.8	75.2	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1500	19.7	78.9	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1200	19.7	81.2	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1000	19.7	83.0	84.4	84.9	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 900	19.7	83.0	84.4	84.9	85.3	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 800	19.7	83.0	84.4	84.9	85.3	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 700	19.7	83.9	85.8	86.7	87.6	88.1	88.5	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 600	19.7	84.9	86.7	87.6	88.5	89.4	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 500	19.7	85.3	87.2	88.5	89.4	90.4	91.3	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 400	19.7	85.3	87.2	89.0	90.8	91.7	93.1	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 300	19.7	85.3	87.2	89.0	91.3	92.7	95.0	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 200	19.7	85.8	87.6	89.4	92.2	93.6	95.9	97.7	98.2	98.2	98.6	98.6	99.1	99.1	99.1	99.1
GE 100	19.7	85.8	87.6	89.4	92.2	93.6	95.9	97.7	98.2	98.2	98.6	98.6	99.1	99.1	99.1	99.1
GE 0	19.7	85.8	87.6	89.4	92.2	93.6	95.9	97.7	98.2	98.2	98.6	98.6	99.1	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 218

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.0	44.7	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3
GE 20000	4.1	49.0	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.8
GE 18000	4.1	49.1	49.5	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9
GE 16000	4.1	49.1	49.5	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9
GE 14000	4.1	49.4	49.8	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2
GE 12000	4.2	50.3	50.6	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1
GE 10000	4.5	53.5	54.0	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5
GE 9000	4.6	54.0	54.5	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0
GE 8000	4.7	56.2	56.7	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
GE 7000	4.7	57.6	58.0	58.3	58.4	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 6000	4.7	58.3	58.7	59.0	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.5
GE 5000	5.0	60.2	60.7	61.1	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6
GE 4500	5.0	61.6	62.1	62.4	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1
GE 4000	5.0	62.4	63.0	63.3	63.6	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.0
GE 3500	5.1	63.7	64.3	64.7	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4
GE 3000	5.1	65.7	66.4	66.8	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
GE 2500	5.3	67.5	68.2	68.7	69.0	69.2	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7
GE 2000	5.3	70.3	71.1	71.6	72.0	72.2	72.4	72.5	72.6	72.7	72.8	72.8	72.9	72.9	72.9	73.0
GE 1800	5.4	70.7	71.6	72.1	72.5	72.8	73.0	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.6
GE 1500	5.5	73.6	74.7	75.4	75.9	76.2	76.6	76.7	76.8	77.1	77.3	77.3	77.3	77.3	77.4	77.4
GE 1200	5.5	75.4	76.7	77.5	78.2	78.5	78.9	79.0	79.1	79.4	79.6	79.6	79.6	79.6	79.7	79.7
GE 1000	5.5	76.7	78.2	79.2	80.1	80.4	80.8	81.0	81.1	81.4	81.7	81.7	81.7	81.7	81.8	81.8
GE 900	5.5	77.5	79.0	80.4	81.4	81.8	82.3	82.5	82.5	82.9	83.1	83.1	83.2	83.2	83.2	83.3
GE 800	5.5	78.1	79.9	81.3	82.6	83.1	83.8	84.0	84.0	84.5	84.7	84.7	84.8	84.8	84.8	84.8
GE 700	5.5	78.9	80.7	82.3	83.7	84.2	85.0	85.3	85.4	85.8	86.0	86.0	86.1	86.1	86.2	86.2
GE 600	5.5	79.4	81.3	83.1	84.9	85.7	86.5	86.9	87.0	87.6	87.9	87.9	87.9	88.0	88.1	88.1
GE 500	5.5	79.8	82.1	84.3	86.6	87.4	89.8	89.4	89.5	90.3	90.8	90.8	91.0	91.0	91.1	91.2
GE 400	5.5	79.9	82.3	84.8	87.8	88.7	90.4	91.3	91.6	92.6	93.2	93.2	93.4	93.5	93.6	93.6
GE 300	5.5	80.0	82.5	85.0	88.5	89.6	91.8	92.9	93.4	94.8	95.6	95.6	95.9	96.0	96.1	96.2
GE 200	5.5	80.1	82.6	85.1	88.8	89.9	92.3	93.7	94.3	96.3	97.2	97.2	97.9	98.0	98.3	98.4
GE 100	5.5	80.1	82.6	85.1	88.8	89.9	92.4	93.9	94.5	96.6	97.5	97.5	98.4	98.6	99.0	99.7
GE 0	5.5	80.1	82.6	85.1	88.8	89.9	92.4	93.9	94.5	96.6	97.5	97.5	98.4	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 4466

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.6	49.1	50.0	50.6	51.1	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.5
GE 20000	2.8	55.4	56.5	57.1	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1
GE 18000	2.8	55.6	56.6	57.3	57.9	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3
GE 16000	2.8	55.6	56.6	57.3	57.8	57.9	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3
GE 14000	2.8	56.0	57.1	57.7	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7
GE 12000	2.8	57.0	58.1	58.8	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8
GE 10000	2.9	60.8	62.0	62.6	63.3	63.5	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	2.9	61.1	62.4	63.1	63.7	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2
GE 8000	3.0	63.8	65.2	66.0	66.6	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1
GE 7000	3.0	65.1	66.5	67.3	68.0	68.2	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6
GE 6000	3.0	66.0	67.4	68.3	69.0	69.2	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6
GE 5000	3.1	67.5	69.1	70.0	70.6	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4
GE 4500	3.1	68.7	70.3	71.3	72.1	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7
GE 4000	3.2	70.0	71.7	72.7	73.6	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2
GE 3500	3.2	71.5	73.3	74.4	75.3	75.5	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.0
GE 3000	3.3	74.2	76.1	77.2	78.2	78.4	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.0
GE 2500	3.3	76.1	78.1	79.3	80.4	80.7	80.9	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3
GE 2000	3.4	78.1	80.3	81.7	82.9	83.2	83.5	83.6	83.7	83.8	83.8	83.8	83.9	83.9	83.9	84.0
GE 1800	3.4	78.5	80.8	82.2	83.5	83.8	84.1	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.6
GE 1500	3.5	80.3	82.9	84.4	85.8	86.2	86.6	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.1	87.1
GE 1200	3.5	81.5	84.2	85.8	87.5	87.8	88.2	88.4	88.5	88.6	88.7	88.7	88.7	88.7	88.8	88.8
GE 1000	3.5	82.6	85.5	87.3	89.2	89.6	90.1	90.3	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.8
GE 900	3.5	82.9	85.9	87.6	89.8	90.2	90.8	91.0	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.6
GE 800	3.5	83.3	86.5	88.5	90.6	91.1	91.7	92.0	92.1	92.3	92.5	92.5	92.5	92.5	92.6	92.6
GE 700	3.5	83.7	86.9	89.1	91.4	91.9	92.6	93.0	93.1	93.4	93.5	93.5	93.6	93.6	93.6	93.7
GE 600	3.5	84.0	87.3	89.6	92.1	92.8	93.6	94.1	94.2	94.6	94.7	94.7	94.8	94.8	94.9	94.9
GE 500	3.5	84.2	87.7	90.1	92.9	93.6	94.6	95.1	95.3	95.7	95.9	96.0	96.1	96.1	96.1	96.2
GE 400	3.5	84.3	87.8	90.3	93.3	94.1	95.3	96.0	96.3	96.9	97.1	97.2	97.3	97.3	97.4	97.4
GE 300	3.5	84.4	88.0	90.5	93.5	94.4	95.8	96.6	97.0	97.7	98.1	98.1	98.3	98.4	98.5	98.6
GE 200	3.5	84.4	88.0	90.5	93.5	94.5	95.9	96.8	97.3	98.1	98.6	98.7	99.0	99.1	99.2	99.4
GE 100	3.5	84.4	88.0	90.5	93.5	94.5	95.9	96.9	97.3	98.2	98.7	98.8	99.1	99.3	99.6	99.9
GE 0	3.5	84.4	88.0	90.5	93.5	94.5	95.9	96.9	97.3	98.2	98.7	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 53454

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 78-87
MONTH: JAN

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													
03-05													
06-08	17.1			21.6						15.0	46.4	6.6	733
09-11	13.8			23.3						18.4	44.5	6.8	880
12-14	14.2			25.9						16.1	43.8	6.6	920
15-17	13.0			26.7						20.0	40.3	6.6	900
18-20	16.9			26.6						16.5	40.0	6.3	846
21-23	27.5			17.9						14.5	40.1	5.9	207
TOTALS	17.1			23.7						16.8	42.5	6.5	4486

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 78-87
MONTH: FEB

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													
03-05													
06-08	16.1			20.4						13.4	50.1	6.8	678
09-11	12.7			19.5						18.1	49.8	7.2	802
12-14	10.6			20.9						20.0	48.5	7.3	841
15-17	12.0			20.1						21.9	46.0	7.2	819
18-20	15.2			22.6						18.2	44.1	6.7	771
21-23	19.8			19.2						15.1	45.9	6.5	172
TOTALS	14.4			20.9						17.8	47.4	7.0	4083

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	14.9			19.9						15.9	49.3	7.0	747
09-11	12.2			20.2						19.9	47.7	7.2	893
12-14	10.5			21.4						21.2	47.0	7.2	926
15-17	8.5			24.9						23.4	43.3	7.2	897
18-20	10.2			26.2						20.7	42.9	6.9	883
21-23	22.9			25.9						13.4	37.8	5.8	201
TOTALS	13.2			23.1						19.1	44.7	6.9	4547

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 77-86
MONTH: APR

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	14.0			26.2						17.5	40.3	6.4	765
09-11	12.8			26.1						21.7	39.5	6.7	866
12-14	7.9			29.5						25.9	36.7	6.9	896
15-17	6.3			30.3						29.6	33.9	7.0	879
18-20	10.5			26.5						26.5	34.5	6.7	856
21-23	26.7			27.2						15.4	30.8	5.3	195
TOTALS	13.3			28.3						22.8	36.0	6.5	4477

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 77-86
MONTH: MAY

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	10.7			24.3						27.6	37.4	6.9	856
09-11	6.1			27.4						29.3	37.2	7.2	914
12-14	4.2			23.7						38.5	33.6	7.5	929
15-17	4.8			26.3						37.2	29.7	7.2	901
18-20	8.7			32.6						31.6	27.1	6.5	807
21-23	16.1			38.1						21.4	24.4	5.5	168
TOTALS	8.4			29.1						30.9	31.6	6.8	4575

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 77-86
MONTH: JUN

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	11.1			29.5						26.5	33.0	6.6	831
09-11	7.5			28.8						34.1	29.7	6.9	8[illegible]
12-14	3.1			34.9						37.4	24.6	6.9	90[illegible]
15-17	4.1			40.9						33.4	21.5	6.4	873
18-20	9.1			49.6						28.2	23.1	6.0	737
21-23	13.9			43.4						22.1	20.5	5.3	122
TOTALS	8.1			40.2						30.3	25.4	6.4	4343

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 77-86
MONTH: JUL

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	19.5			33.8						26.5	20.3	5.4	843
09-11	15.3			41.6						25.7	17.4	5.3	909
12-14	4.9			45.6						34.1	15.2	6.0	921
15-17	3.8			51.9						33.5	10.8	5.7	896
18-20	12.0			45.8						30.4	11.8	5.3	773
21-23	20.5			34.8						28.8	15.9	5.2	132
TOTALS	12.7			42.3						29.8	15.2	5.5	4474

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	15.4			33.3						28.9	22.4	5.8	850
09-11	12.1			37.5						31.3	19.0	5.8	906
12-14	3.1			44.9						36.7	15.3	6.2	930
15-17	4.2			47.1						35.6	13.1	5.9	899
18-20	11.5			45.4						26.1	16.9	5.4	797
21-23	22.9			37.9						19.3	20.0	4.9	140
TOTALS	11.5			41.6						29.7	17.8	5.7	4522

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	17.4			35.4						21.5	25.7	5.6	817
09-11	17.3			34.8						22.8	25.3	5.6	861
12-14	9.1			39.4						29.9	21.6	6.0	900
15-17	10.7			39.7						31.7	17.9	5.8	870
18-20	16.2			35.5						26.7	19.5	5.4	774
21-23	30.1			23.8						16.5	19.5	4.5	133
TOTALS	17.1			36.4						24.9	21.6	5.5	4375

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	22.6			27.3						18.2	31.9	5.6	841
09-11	17.2			27.1						25.4	30.3	6.1	905
12-14	13.3			30.3						24.3	32.0	6.3	930
15-17	13.4			23.3						24.8	28.8	6.1	905
18-20	22.5			27.8						20.2	29.5	5.6	823
21-23	36.1			17.1						19.0	27.8	5.0	158
TOTALS	20.9			27.1						22.0	30.1	5.8	4562

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10		
00-02													
03-05													
06-08	19.0			19.4						18.7	43.0	6.6	712
09-11	14.6			23.6						19.0	42.8	6.7	857
12-14	13.0			24.7						21.7	40.7	6.8	895
15-17	12.3			26.6						17.8	43.3	6.7	872
18-20	19.2			23.8						12.4	45.5	6.4	840
21-23	30.4			15.2						9.7	44.7	5.8	217
TOTALS	18.1			22.1						16.6	43.3	6.5	4393

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10		
00-02													
03-05													
06-08	12.6			28.4						14.3	44.6	6.6	697
09-11	8.7			28.0						18.6	44.7	7.0	876
12-14	10.0			26.2						19.3	44.5	7.0	921
15-17	10.3			27.8						20.1	41.8	6.9	902
18-20	17.9			25.1						17.4	39.6	6.3	868
21-23	25.7			19.7						15.1	39.4	5.9	218
TOTALS	14.2			25.9						17.5	42.4	6.6	4482

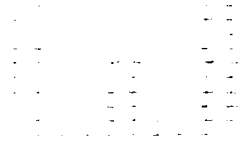
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

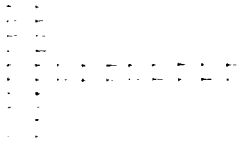
PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

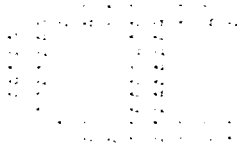
STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

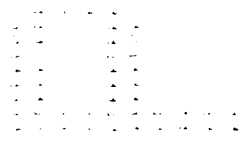
PERIOD OF RECORD: 77-87
MONTH: ALL

	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
		0	1	2	3	4	5	6	7	8	9	10	MEAN	
JAN	ALL	17.1			33.7						16.8	42.5	6.5	44[illegible]
FEB		14.4			30.5						17.8	47.4	7.0	40[illegible]
MAR		13.2			23.1						19.1	44.7	6.9	4547
APR		13.0			26.3						22.8	36.0	6.5	4477
MAY		8.4			29.1						30.9	31.6	6.6	4575
JUN		8.1			26.2						30.3	25.4	6.4	4347
JUL		12.7			42.3						29.8	15.2	5.5	4424
AUG		11.5			41.6						29.7	17.8	5.7	45[illegible]
SEP		17.1			36.4						24.9	21.6	5.5	4[illegible]
OCT		20.9			37.1						22.0	30.1	5.6	4[illegible]
NOV		18.1			32.1						16.6	43.3	6.5	4[illegible]
DEC		14.2			35.9						17.6	32.4	6.6	44[illegible]
	TOTALS	14.1			29.6						23.2	33.2	6.3	[illegible]









TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

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

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

THE MINIMUM TABLE ALSO INCLUDES A 73 DEGREE FAHRENHEIT VALUE.

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

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

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

AN ASTERIST INDICATES AN INCOMPLETE MONTH.

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

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	24.8	28.4	38.9	52.8	59.1	66.2	73.6	70.8	63.5	52.1	41.5	30.5	51.5
06-08	SD	11.951	13.356	11.229	9.680	7.839	6.423	5.980	6.292	9.051	9.823	11.566	13.633	19.128
	TOT OBS	734	662	748	765	861	838	865	868	834	845	717	705	9497
	MEAN	29.0	34.2	46.3	58.5	67.2	75.8	82.1	79.5	72.7	61.1	47.5	34.7	57.7
09-11	SD	12.069	14.103	12.388	11.248	8.450	6.753	6.046	7.131	9.443	9.342	12.029	13.331	20.768
	TOT OBS	881	806	895	866	914	880	911	912	892	905	858	876	10607
	MEAN	34.5	40.2	52.1	63.6	71.3	79.6	86.6	84.5	77.8	66.5	52.5	40.0	62.6
12-14	SD	12.824	14.634	13.307	11.902	8.799	7.136	7.376	7.530	9.854	9.425	12.501	13.479	20.687
	TOT OBS	920	841	926	896	929	900	921	930	900	930	895	921	10509
	MEAN	35.0	41.2	53.3	64.6	71.7	80.2	87.3	84.8	77.6	66.2	51.6	40.0	62.9
15-17	SD	12.701	14.563	13.340	11.860	8.613	7.142	7.465	7.616	9.783	9.258	12.188	13.266	20.616
	TOT OBS	900	819	897	885	901	873	897	900	870	905	872	903	10617
	MEAN	31.6	37.2	48.6	59.9	67.6	76.1	82.6	79.3	71.5	60.0	47.3	35.9	57.6
18-20	SD	11.693	13.256	11.772	10.794	7.833	6.605	6.871	7.084	8.589	8.442	11.058	12.650	19.723
	TOT OBS	849	771	883	856	807	737	781	804	776	823	840	868	9795
	MEAN	29.2	33.3	46.3	58.6	63.7	72.4	77.1	73.7	68.7	55.9	45.1	35.3	52.4
21-23	SD	11.684	12.844	10.819	9.579	7.546	5.290	4.771	5.268	6.701	8.592	10.687	11.098	18.482
	TOT OBS	207	172	201	191	168	122	135	141	134	158	217	218	2066
	MEAN	31.1	36.4	48.9	59.7	67.3	76.0	82.4	79.7	72.6	61.2	48.3	36.5	58.4
ALL	SD	12.772	14.666	13.321	12.034	9.446	8.118	8.468	8.736	10.644	10.624	12.398	13.593	20.598
HOURS	TOT OBS	4492	4091	4550	4477	4559	4350	4510	4555	4396	4566	4399	4486	53453

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
06-08	MEAN	22.7	26.2	36.0	46.0	54.9	63.6	68.3	65.9	59.6	48.4	38.5	28.2	47.7
	SD	11.250	12.833	10.516	8.828	7.760	5.897	4.614	5.177	8.518	9.802	10.855	13.085	17.961
	TOT OBS	734	682	743	765	861	838	865	868	834	845	717	700	9452
09-11	MEAN	25.8	30.6	40.4	50.0	59.0	67.3	72.0	69.8	64.4	53.6	42.3	31.2	50.8
	SD	10.893	12.765	10.385	9.060	7.535	5.633	4.305	4.789	8.027	8.730	10.473	12.442	18.069
	TOT OBS	882	806	895	886	914	680	911	912	882	905	858	876	10607
12-14	MEAN	29.4	34.4	43.8	52.3	60.6	68.8	73.1	71.1	66.2	55.9	44.8	34.6	53.0
	SD	10.589	12.204	10.111	8.886	7.203	5.553	4.175	4.561	7.938	8.176	10.063	11.885	17.180
	TOT OBS	920	841	926	896	929	899	921	930	900	930	895	921	10908
15-17	MEAN	29.7	34.7	44.2	52.7	60.7	69.0	73.1	70.9	65.9	55.4	44.2	34.5	53.0
	SD	10.399	11.779	9.876	8.615	7.004	5.405	4.115	4.413	7.857	7.993	9.978	11.808	17.030
	TOT OBS	905	819	897	880	901	873	896	900	870	905	872	903	10616
18-20	MEAN	27.5	32.4	41.5	50.7	59.0	67.8	71.9	69.3	63.9	52.6	41.8	31.8	50.4
	SD	10.323	11.505	9.438	8.542	7.115	5.454	4.163	4.682	7.611	8.248	10.014	11.843	17.331
	TOT OBS	849	771	883	856	807	737	781	804	776	823	840	868	9795
21-23	MEAN	25.8	29.7	40.6	50.9	57.6	66.5	70.9	66.9	62.7	49.7	40.3	31.6	47.0
	SD	10.758	12.062	9.308	8.070	7.631	5.268	3.909	5.093	6.657	8.288	9.785	10.465	17.167
	TOT OBS	207	172	201	195	168	122	135	141	134	158	217	218	2068
ALL HOURS	MEAN	27.1	31.8	41.3	50.5	58.8	67.3	71.7	69.4	64.0	53.1	42.4	32.2	50.9
	SD	10.953	12.556	10.398	9.039	7.625	5.907	4.614	5.101	8.294	9.000	10.453	12.302	17.616
	TOT OBS	4492	4091	4545	4478	4580	4349	4509	4555	4396	4566	4399	4486	53446

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	16.8	21.0	31.4	40.8	51.3	60.7	65.4	63.1	56.9	44.5	34.2	22.9	43.7
06-08	SD	13.049	14.753	11.780	10.309	9.276	6.723	5.020	5.579	9.149	11.247	12.287	15.154	19.532
	TOT OBS	734	682	743	765	861	838	865	868	834	845	717	700	9452
	MEAN	18.3	23.7	33.0	41.6	52.7	62.4	67.0	64.8	59.1	46.6	35.8	24.6	44.5
09-11	SD	12.948	14.708	11.893	11.150	9.997	7.130	5.214	5.769	9.291	11.333	12.017	14.753	19.719
	TOT OBS	882	806	895	886	914	880	911	912	882	905	858	876	10607
	MEAN	19.2	24.9	33.8	41.6	52.7	62.6	66.5	64.2	59.2	46.6	35.8	25.5	44.5
12-14	SD	12.613	14.150	11.906	11.498	10.043	7.521	5.891	6.162	9.756	11.795	12.230	14.507	19.406
	TOT OBS	920	841	926	896	929	899	921	930	900	930	895	921	10908
	MEAN	19.0	24.3	33.3	41.4	52.4	62.8	66.2	63.7	58.8	45.6	35.0	25.0	44.0
15-17	SD	12.609	13.561	12.027	11.337	10.042	7.445	6.210	6.258	9.866	11.850	12.487	14.716	19.483
	TOT OBS	900	819	897	883	901	873	896	900	870	905	872	903	10616
	MEAN	18.5	23.6	32.4	41.5	52.3	63.1	66.6	64.0	59.1	45.5	34.5	24.0	43.2
18-20	SD	12.755	13.510	11.542	11.227	9.981	7.042	5.961	6.152	9.021	11.166	12.455	14.593	19.681
	TOT OBS	849	771	883	856	807	737	781	804	776	823	840	868	9795
	MEAN	17.7	22.3	32.9	43.4	52.6	63.0	67.8	63.0	58.7	43.3	33.8	24.6	43.9
21-23	SD	13.099	14.450	11.365	10.343	9.885	6.639	4.605	6.419	8.018	10.523	11.807	12.883	19.510
	TOT OBS	207	172	201	195	168	122	135	141	134	158	217	218	2068
	MEAN	18.4	23.5	32.8	41.5	52.3	62.3	66.4	63.9	58.6	45.7	35.0	24.5	43.9
ALL HOURS	SD	12.819	14.183	11.834	11.105	9.885	7.218	5.672	6.028	9.429	11.489	12.285	14.659	19.575
	TOT OBS	4492	4091	4545	4479	4580	4349	4509	4555	4396	4566	4399	4486	53446

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 78-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	98.6	95.2	81.9	57.5	25.7	6.0	72.1	734
	09-11	100.0	100.0	99.7	94.4	82.3	63.9	37.1	16.4	4.8	65.5	882
	12-14	100.0	99.7	94.1	78.8	56.7	39.6	24.1	9.8	4.0	56.3	926
	15-17	100.0	99.8	91.8	75.3	53.0	36.2	22.0	9.6	4.4	54.9	900
	18-20	100.0	100.0	97.8	87.0	68.3	47.2	28.0	13.8	4.4	60.4	849
	21-23	100.0	100.0	99.0	92.3	77.3	55.6	36.2	15.9	5.3	63.6	207
	TOTALS	100.0	99.9	97.1	87.7	72.1	54.1	34.2	15.2	4.8	62.1	4498

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 78-87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.6	97.1	87.0	57.3	31.4	12.5	74.3	682
	09-11	100.0	100.0	99.5	95.4	84.0	62.8	39.6	22.5	8.2	66.9	806
	12-14	100.0	100.0	95.1	78.4	57.2	40.5	25.0	11.8	4.8	57.0	841
	15-17	100.0	99.4	90.5	71.4	53.0	35.9	22.0	11.6	4.3	54.4	819
	18-20	100.0	100.0	97.5	86.3	64.3	47.9	27.1	14.5	6.5	60.1	771
	21-23	100.0	100.0	100.0	95.9	81.4	59.9	33.7	18.0	8.1	65.5	172
	TOTALS	100.0	99.9	97.1	87.5	72.8	55.7	34.1	18.3	7.4	63.0	4091

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 78-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.2	96.1	85.1	64.6	38.6	11.7	75.3	743
	09-11	100.0	99.9	97.1	86.4	72.2	55.6	37.5	21.0	6.5	63.2	895
	12-14	100.0	99.1	87.1	65.7	49.2	37.8	25.5	13.0	4.6	53.8	926
	15-17	100.0	97.4	80.4	59.4	44.9	33.7	22.1	12.7	4.8	51.3	897
	18-20	100.0	99.5	90.1	74.7	56.7	40.9	27.3	16.0	5.7	57.0	883
	21-23	100.0	100.0	97.5	86.1	69.2	48.8	34.3	21.4	9.0	62.1	201
	TOTALS	100.0	99.7	92.0	78.5	64.1	50.3	35.2	20.5	7.1	60.5	4545

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02											
	03-05											
	06-08	100.0	100.0	99.0	97.0	88.1	71.0	49.4	28.0	9.4	70.2	765
	09-11	100.0	99.8	93.[illegible]	75.[illegible]	55.9	39.4	27.1	15.8	4.9	56.8	886
	12-14	100.0	98.3	78.1	56.6	36.4	27.3	19.1	10.0	2.1	48.6	896
	15-17	100.0	97.7	73.4	50.2	35.5	23.8	17.2	8.3	1.9	46.7	880
	18-20	100.0	99.6	88.4	67.[illegible]	49.9	35.5	25.2	14.5	4.0	54.3	856
	21-23	100.0	100.0	95.9	82.6	65.6	43.6	29.7	15.9	6.2	59.7	195
	TOTALS	100.0	99.[illegible]	88.2	71.7	55.6	40.1	28.0	15.4	4.8	56.1	4478

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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											
	03-05											
	06-08	100.0	100.0	99.[illegible]	99.1	96.1	86.8	66.4	43.4	11.8	76.4	861
	09-11	100.0	99.8	97.4	88.4	71.6	53.7	31.5	17.1	4.0	62.0	914
	12-14	100.0	99.7	93.1	73.4	55.0	34.4	22.0	12.2	2.4	54.7	929
	15-17	100.0	99.7	90.1	70.4	53.2	33.7	19.6	11.8	2.1	53.5	901
	18-20	100.0	99.8	96.[illegible]	83.9	69.3	50.7	28.9	16.0	4.2	60.6	807
	21-23	100.0	100.0	100.[illegible]	95.8	83.9	72.6	50.0	23.2	8.3	68.7	166
	TOTALS	100.0	99.[illegible]	96.1	85.[illegible]	71.5	55.3	36.4	20.6	5.5	62.7	458[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	98.1	92.1	73.2	43.6	10.4	77.3	838
	09-11	100.0	100.0	99.7	96.6	83.2	57.6	33.6	15.9	3.5	64.4	880
	12-14	100.0	99.8	98.3	88.7	64.6	40.2	21.4	9.8	2.7	57.9	899
	15-17	100.0	99.9	97.9	85.1	60.9	40.7	21.5	10.5	1.3	57.5	873
	18-20	100.0	100.0	99.7	96.2	81.7	60.9	38.8	19.7	3.0	65.6	737
	21-23	100.0	100.0	100.0	100.0	97.5	79.5	56.6	36.1	6.6	73.1	122
	TOTALS	100.0	100.0	99.7	94.3	81.0	61.8	40.9	22.6	4.6	66.0	4349

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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											
	03-05											
	06-08	100.0	100.0	100.0	99.9	97.5	91.3	71.4	39.8	7.6	76.3	865
	09-11	100.0	99.9	98.4	94.3	83.3	52.9	21.3	8.6	1.1	61.6	911
	12-14	100.0	98.7	93.7	84.6	57.1	23.5	11.4	3.5	.4	52.9	921
	15-17	100.0	97.9	92.2	79.4	53.3	23.3	12.2	3.1	.4	51.7	896
	18-20	100.0	99.1	96.7	88.4	76.2	50.3	26.2	8.8	.6	60.4	781
	21-23	100.0	100.0	100.0	100.0	98.5	68.1	65.9	25.9	2.2	73.6	135
	TOTALS	100.0	99.3	96.4	91.2	77.7	54.9	34.7	15.0	2.1	62.8	4509

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.4	99.5	91.7	74.0	42.1	9.0	77.0	866
	09-11	100.0	100.0	99.5	95.0	79.7	52.2	27.5	10.9	1.1	62.3	912
	12-14	100.0	99.7	96.2	74.1	53.3	25.6	11.1	5.1	1.3	52.4	930
	15-17	100.0	99.6	92.6	74.4	47.1	24.6	12.8	6.1	1.0	51.4	900
	18-20	100.0	100.0	99.0	89.7	73.9	51.6	30.6	13.3	2.1	61.5	804
	21-23	100.0	100.0	100.0	100.0	95.0	80.1	49.6	21.3	2.8	69.9	141
	TOTALS	100.0	99.9	97.9	89.5	74.8	54.3	34.3	16.5	2.9	62.4	4555

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

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											
	03-05											
	06-08	100.0	100.0	100.0	99.8	99.5	95.9	82.6	47.4	10.3	79.3	834
	09-11	100.0	100.0	100.0	99.8	82.7	53.4	30.8	14.2	2.9	63.7	882
	12-14	100.0	100.0	99.7	83.7	50.4	30.7	15.0	7.9	2.3	54.5	900
	15-17	100.0	100.0	98.6	77.6	52.6	33.3	16.0	7.7	2.4	54.4	870
	18-20	100.0	100.0	100.0	97.6	86.1	63.3	38.1	17.4	3.6	66.1	776
	21-23	100.0	100.0	100.0	100.0	97.8	81.3	44.0	22.4	6.0	70.9	134
	TOTALS	100.0	100.0	99.6	92.8	78.2	59.7	37.8	19.5	4.6	64.8	4396

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: OCT

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%		
OCT	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.[illegible]	96.1	86.7	68.8	38.8	14.6	76.3	845
	09-11	100.0	100.0	97.6	87.[illegible]	64.9	45.6	32.4	19.3	6.1	61.4	905
	12-14	100.0	99.1	87.0	64.3	40.9	30.8	23.5	13.2	4.0	52.1	930
	15-17	100.0	98.8	84.8	60.9	40.7	30.4	22.9	13.4	5.0	51.2	905
	18-20	100.0	100.0	98.5	86.[illegible]	67.1	45.6	31.2	15.9	5.8	61.0	823
	21-23	100.0	100.0	99.4	93.[illegible]	79.1	56.3	35.4	14.6	3.2	64.1	158
	TOTALS	100.0	99.7	94.[illegible]	82.[illegible]	64.[illegible]	49.7	35.7	19.2	6.5	61.0	4566

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.7	96.1	84.9	67.2	43.0	12.4	76.1	717
	09-11	100.0	100.0	98.4	90.1	77.4	61.5	41.6	28.6	7.3	66.2	858
	12-14	100.0	98.9	90.2	74.1	55.5	41.1	28.5	18.9	4.1	56.7	895
	15-17	100.0	99.0	87.8	72.6	55.6	41.4	26.1	17.9	5.6	56.6	872
	18-20	100.0	100.0	97.6	87.6	69.6	54.4	38.2	23.7	6.8	63.6	840
	21-23	100.0	100.0	98.6	94.5	77.9	63.6	41.0	26.7	8.8	66.7	217
	TOTALS	100.0	99.7	95.4	86.4	72.0	57.8	40.8	26.5	7.5	64.3	4399

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02											
	03-05											
	06-08	100.0	100.0	99.7	99.0	94.7	82.0	61.6	39.1	9.1	74.1	700
	09-11	100.0	100.0	99.7	95.4	83.4	66.6	43.9	25.9	6.7	68.0	876
	12-14	100.0	99.9	95.2	80.5	61.0	42.6	27.8	17.6	5.5	58.7	921
	15-17	100.0	99.6	94.0	77.6	57.6	41.4	27.5	17.2	5.2	57.8	903
	18-20	100.0	100.0	98.5	92.1	74.1	55.9	36.3	19.1	5.9	63.8	866
	21-23	100.0	100.0	99.1	94.0	81.7	63.3	37.2	22.5	6.0	66.5	218
	TOTALS	100.0	99.9	97.6	89.9	75.4	58.6	39.1	23.6	6.4	64.8	4486

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

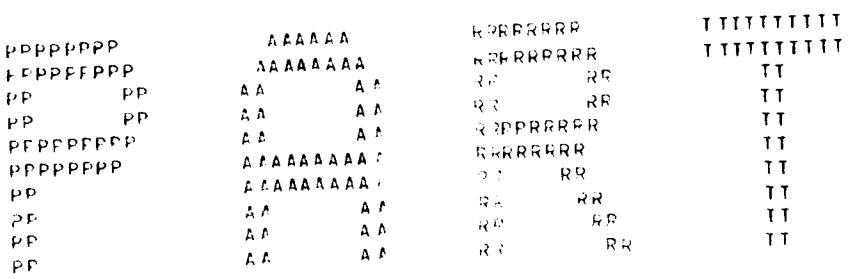
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	97.1	87.7	72.1	54.1	34.2	15.2	4.8	62.1	4492
FEB		100.0	99.9	97.1	87.4	72.8	55.7	34.1	18.3	7.4	63.0	4091
MAR		100.0	99.3	92.2	78.5	64.1	50.3	35.2	20.5	7.1	60.5	4545
APR		100.0	99.2	88.2	71.7	55.6	40.1	28.0	15.4	4.8	56.1	4478
MAY		100.0	99.8	96.1	85.2	71.5	55.3	36.4	20.6	5.5	62.7	4580
JUN		100.0	100.0	99.3	94.2	81.0	61.8	40.9	22.6	4.6	66.0	4349
JUL		100.0	99.7	96.9	91.2	77.7	54.9	34.7	15.0	2.1	62.8	4509
AUG		100.0	99.9	97.9	89.5	74.8	54.3	34.3	16.5	2.9	62.4	4555
SEP		100.0	100.0	99.6	92.8	78.2	59.7	37.8	19.5	4.6	64.8	4396
OCT		100.0	99.7	94.6	82.1	64.8	49.7	35.7	19.2	6.5	61.0	4566
NOV		100.0	99.7	95.4	86.4	72.0	57.8	40.8	26.5	7.5	64.3	4399
DEC		100.0	99.9	97.8	89.3	75.4	58.6	39.1	23.6	6.4	64.8	4486
	TOTALS	100.0	99.7	96.0	86.4	71.7	54.4	35.9	19.4	5.4	62.5	53446



PRESSURE SUMMARIES

STATION PRSSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN													
	SD													
	TOT OBS													
03	MEAN													
	SD													
	TOT OBS													
06	MEAN	28.860	28.848	28.738	28.704	28.726	28.760	28.798	28.807	28.825	28.826	28.811	28.835	28.792
	SD	.222	.198	.227	.189	.142	.107	.088	.094	.134	.158	.221	.266	.174
	TOT OBS	183	172	193	209	280	274	281	284	272	265	174	150	2737
09	MEAN	28.894	28.861	28.771	28.744	28.739	28.777	28.816	28.828	28.848	28.854	28.847	28.875	28.821
	SD	.220	.226	.238	.199	.147	.108	.088	.094	.137	.162	.214	.254	.189
	TOT OBS	293	269	295	293	302	290	301	301	291	299	286	291	3511
12	MEAN	28.877	28.846	28.752	28.725	28.725	28.765	28.802	28.813	28.831	28.832	28.822	28.856	28.804
	SD	.222	.227	.231	.190	.140	.105	.087	.093	.135	.160	.211	.253	.186
	TOT OBS	307	280	310	300	309	300	307	310	300	310	299	307	3639
15	MEAN	28.837	28.799	28.706	28.682	28.688	28.730	28.766	28.771	28.783	28.788	28.786	28.820	28.763
	SD	.221	.219	.223	.185	.134	.103	.087	.094	.133	.157	.205	.246	.182
	TOT OBS	307	279	305	296	301	291	299	300	292	302	298	307	3577
18	MEAN	28.854	28.820	28.709	28.675	28.676	28.713	28.746	28.756	28.777	28.795	28.805	28.837	28.763
	SD	.218	.209	.219	.184	.131	.100	.086	.092	.132	.153	.206	.242	.181
	TOT OBS	287	259	295	291	300	291	299	300	289	300	280	291	3482
21	MEAN	28.867	28.850	28.754	28.729	28.702	28.745	28.767	28.783	28.776	28.808	28.834	28.851	28.793
	SD	.207	.209	.214	.168	.120	.109	.086	.092	.128	.158	.198	.228	.182
	TOT OBS	207	172	201	195	168	122	135	141	134	158	217	218	2268
ALL HOURS	MEAN	28.865	28.836	28.737	28.709	28.710	28.749	28.784	28.794	28.810	28.818	28.817	28.846	28.789
	SD	.220	.217	.227	.189	.139	.107	.090	.097	.137	.160	.210	.246	.184
	TOT OBS	1584	1431	1599	1584	1660	1568	1622	1636	1578	1634	1554	1564	19014

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN													
	SD													
	TOT OBS													
03	MEAN													
	SD													
	TOT OBS													
06	MEAN	1020.8	1020.2	1019.6	1018.9	1014.3	1015.1	1016.2	1016.6	1017.6	1018.1	1018.2	1019.6	1016.9
	SD	8.291	7.411	8.376	6.728	3.155	3.866	3.172	3.432	5.015	5.830	8.096	9.969	6.515
	TOT OBS	183	172	193	209	280	274	281	284	272	265	174	150	2737
09	MEAN	1022.2	1020.6	1018.7	1015.2	1014.6	1015.7	1016.8	1017.3	1018.3	1019.1	1019.4	1021.1	1018.0
	SD	8.387	8.419	8.722	7.139	5.331	3.875	3.198	3.442	5.028	5.981	7.889	9.431	7.087
	TOT OBS	293	269	294	293	302	290	301	301	291	299	286	291	3510
12	MEAN	1021.4	1020.0	1018.0	1014.5	1014.1	1015.2	1016.3	1016.8	1017.7	1018.2	1018.5	1020.3	1017.4
	SD	8.226	8.441	8.416	6.852	5.039	3.761	3.146	3.397	4.974	5.858	7.712	9.344	6.951
	TOT OBS	307	280	310	300	309	300	307	310	300	310	299	307	3639
15	MEAN	1019.9	1018.2	1014.3	1013.0	1012.8	1014.0	1015.0	1015.3	1016.0	1016.7	1017.2	1019.0	1016.0
	SD	8.165	8.185	8.112	6.658	4.864	3.682	3.143	3.447	4.900	5.675	7.535	9.096	6.813
	TOT OBS	307	279	305	296	301	291	299	300	292	302	298	307	3577
18	MEAN	1020.5	1019.1	1014.5	1012.8	1012.4	1013.4	1014.4	1014.9	1015.9	1017.0	1017.9	1019.7	1016.0
	SD	8.119	7.858	7.977	6.614	4.733	3.649	3.087	3.381	4.882	5.619	7.555	8.979	6.838
	TOT OBS	287	259	295	291	300	291	299	300	289	300	280	291	3482
21	MEAN	1021.1	1020.3	1016.1	1014.6	1013.4	1014.5	1015.1	1015.8	1015.8	1017.5	1019.0	1020.2	1017.2
	SD	7.696	7.866	7.809	6.055	4.344	3.902	3.131	3.384	4.669	5.765	7.289	8.412	6.897
	TOT OBS	207	172	201	195	166	122	135	141	134	158	217	218	2066
ALL HOURS	MEAN	1020.9	1019.7	1015.5	1014.0	1013.6	1014.6	1015.7	1016.1	1017.0	1017.8	1018.4	1020.0	1016.9
	SD	8.184	8.128	8.293	6.761	5.023	3.858	3.264	3.530	5.027	5.839	7.695	9.193	6.907
	TOT OBS	1584	1471	1598	1584	1660	1568	1622	1636	1578	1634	1554	1564	19013

SUMMARY OF DAY DATA

PERIOD OF RECORD:

****
****
**
** **
** FULL TIME PERIOD: APR 63 - SEP 73 **
** **
** LIMITED DUTY PERIOD: OCT 73 - FEB 87 **
** **
****
****

ALL USERS MUST READ AND COMPLETELY FAMILARIZE THEMSELVES WITH THE CAVEAT PAGE PRIOR TO USING OR DISTRIBUTING THESE SUMMARIES; AND A COPY OF THE CAVEAT PAGE SHOULD BE ATTACHED TO ALL DISTRIBUTED SUMMARY PAGES.

SUMMARY OF DAY DATA

PERIOD OF RECORD:

***** FULL TIME PERIOD: APR 63 - SEP 73

***** PART TIME PERIOD: OCT 73 - FEB 87

***** OPERATIONAL 7 DAYS PER WEEK FOR THE HOURS: 0600 - 2100 LST (CLOSED SOME HOLIDAYS)

ALL USERS MUST FAMILARIZE THEMSELVES WITH CAVEATS PRIOR TO USING OR DISTRIBUTING THESE SUMMARIES

A. GIVE PARTICULAR ATTENTION TO THE HOURS OF OPERATION.

B. NOTE THE DAYS STATION IS OPERATIONAL.

C. EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS WILL NOT REFLECT IN THESE SUMMARIES.

D. 24-HR PRECIPITATION (INCLUDING SNOW) VALUES MAY NOT REFLECT TRUE 24-HOUR AMOUNTS.

(1) RECORDED PRECIPITATION AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS.

(2) THIS "24 HOUR" AMOUNT DOES NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT AMOUNT."

(3) A COMBINATION OF THE ABOVE TWO LIMITATIONS EXAGGERATE THE QUESTIONABILITY OF THESE 24-HOUR AMOUNTS.

E. MONTHLY AMOUNTS OF PRECIPITATION (INCLUDING SNOW) ARE NOT AS SERIOUSLY AFFECTED AS THE 24-HR VALUES. HOWEVER, EVAPORATION (AND SUBLIMATION) CAN CAUSE "BOGUS" AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL PERIODS (DIFFERENCES ARE DEPENDENT ON THE LENGTH OF TIME BETWEEN READINGS).

F. THE TEMPERATURE SUMMARIES REPRESENT THE "HIGH" AND "LOW" SUMMARIZED TEMPERATURES AND NOT THE ACTUAL MAXIMUM OR MINIMUM EXTREMES.

USAFETAC RECOMMENDS THAT COPIES OF FULL TIME PERIODS, WHEN AVAILABLE, BE ACCOMPANIED BY THE CAVEAT --- "EXTREMES OCCURRING OUTSIDE THIS PERIOD ARE NOT REFLECTED IN THESE SUMMARIES". WE ALSO RECOMMEND LIMITED DISTRIBUTION OF THE PART TIME PERIOD TO METEOROLOGIST (TECHNICIANS), TO BE ACCOMPANIED BY THIS CAVEAT PAGE. PAGES OF DATA SUMMARIZED FOR LIMITED DUTY PERIODS ARE SO STAMPED.

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

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.

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

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

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

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

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

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

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

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

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

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

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

EXTREME DAILY PRECIPITATION:	".00"	EQUALS NONE FOR THE MONTH (HUNDREDTHS)
EXTREME DAILY SNOWFALL:	".0"	EQUALS NONE FOR THE MONTH (TENTHS)
EXTREME DAILY SNOW DEPTH:	"0"	EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

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

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

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

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

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

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 1966. COMMENCING JULY 1965 DIRECTIONS PRESENTED IN TENS OF DEGREES.

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 +3 FAHRENHEIT DEGREE INCREMENT.

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

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

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

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

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

AN ASTERIST INDICATES AN INCOMPLETE MONTH.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

LIMITED
SEE CA

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 63-73
MONTH: ALL

MONTH	TSTMS	RAIN &/OR DRIZZLE	FRZNG RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	3.4	26.8	6.2	24.4	.7	44.3	37.1	23.0	3.8		45.4	291
FEB	2.5	29.3	4.2	33.2	.4	50.5	41.0	29.7	3.9		47.7	263
MAR	9.0	36.1	3.9	21.6	1.6	49.7	37.7	26.8	2.3		44.2	310
APR	22.7	49.1		2.7	2.4	50.3	29.1	20.0	.9		36.7	330
MAY	24.3	45.7			1.8	45.7	28.2	17.6			34.6	341
JUN	28.0	43.2			1.5	43.2	32.2	31.3			45.3	329
JUL	24.9	35.5				35.5	31.7	30.2			42.5	341
AUG	21.7	34.3				34.3	35.8	42.5			51.0	341
SEP	17.9	45.7			1.2	45.7	50.9	42.3			57.4	324
OCT	9.4	33.9		.6		34.2	30.6	22.6			39.0	310
NOV	6.2	38.7	.7	12.2		43.7	35.1	25.0			43.1	286
DEC	4.1	38.6	10.3	25.2		49.0	42.8	21.4	2.4		48.3	290
TOTALS	14.5	38.3	2.1	10.3	.8	43.6	36.0	27.7	1.1		44.6	3778

LIMITED DUTY STN
SEE CAVEATS

AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 73-87
MONTH: ALL

MONTH	ISTMS	RAIN &/OR DRIZZLE	FRZNG RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	.9	19.2	5.5	20.6	.2	37.9	28.4	18.5	4.4		37.9	433
FEB	2.3	24.6	5.6	25.9		42.4	36.5	22.8	3.3		46.4	394
MAR	3.2	24.3	.7	12.4	.7	40.7	35.5	20.6	2.2		42.2	403
APR	17.7	42.3		3.3	1.3	43.1	28.7	17.9	.5		35.9	390
MAY	17.5	41.7			.5	42.9	41.6	30.7			51.4	401
JUN	23.1	37.7				39.7	35.9	32.6			46.7	390
JUL	17.2	25.1			.2	25.1	35.6	44.8			52.7	406
AUG	19.4	31.3			.2	31.3	44.4	46.9			61.3	403
SEP	11.4	27.9			.3	27.9	40.5	33.3			51.6	396
OCT	4.3	32.8		.2	.5	32.3	39.3	20.3			40.3	434
NOV	4.2	33.7	1.4	10.8		36.9	36.0	17.7	1.3		42.7	419
DEC	2.7	25.3	3.7	19.7	.2	39.8	32.3	16.0	.9		38.3	431
TOTALS	11.4	31.5	1.4	8.2	.3	36.8	35.9	26.8	1.3		45.6	4956

LIMITED DUTY STN
SEE CAVEATS

LIMITED DUTY STN
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 63-73

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02 TO .05	.06 TO .10	.11 TO .25	.26 TO .50	.51 TO 1.00	1.01 TO 2.50	2.51 TO 5.00	5.01 TO 10.00	10.01 TO 20.00	OVER 20.00	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEA
JAN	57.6	18.5	2.3	7.9	2.0	5.0	3.8	2.6	1.0					23.8	303	1.58	3.36	.1
FEB	49.1	20.1	2.1	8.8	4.2	6.7	4.2	3.2	1.1	.4				30.7	283	2.18	5.01	1.0
MAR	49.7	19.0	1.9	6.1	2.3	6.5	8.4	2.9	2.9	.3				31.3	310	3.59	9.17	1.4
APR	49.5	15.5	2.4	5.2	3.6	7.3	6.7	5.2	4.3	.3				35.0	329	4.62	7.29	2.1
MAY	54.1	14.4	2.9	3.2	2.4	6.5	7.4	5.0	3.8	.3				31.5	340	4.58	7.56	1.2
JUN	56.7	9.4	2.1	6.1	3.9	7.6	6.7	3.0	4.2	.3				33.9	330	3.91	8.91	1.9
JUL	64.5	9.4	.9	4.1	3.5	5.3	5.3	3.2	3.6					26.1	341	3.54	8.40	.9
AUG	65.7	11.7	1.5	3.5	2.6	3.8	5.3	3.8	1.8	.3				22.6	341	2.78	7.84	.9
SEP	54.8	9.7	1.8	5.8	3.3	7.0	5.5	8.2	2.7	.9	.3			35.5	330	5.12	1.63	.1
OCT	65.8	10.3	1.9	3.2	1.6	4.2	5.2	3.9	3.9					23.9	310	3.51	7.77	.4
NOV	57.2	12.4	1.7	4.3	4.7	3.7	5.0	3.3	2.7					30.4	299	2.64	7.02	.1
DEC	54.4	14.0	2.9	4.9	5.9	4.6	6.8	4.6	2.0					31.6	307	3.21	7.92	.4
ANN	56.6	13.7	2.3	5.3	3.3	6.1	5.8	4.1	2.8	.2	.0			29.7	3823	41.26		

LIMITED DUTY STN
SEE CAVEATS

LIMITED DUTY STN
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 73-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02 TO .05	.06 TO .10	.11 TO .25	.26 TO .50	.51 TO 1.00	1.01 TO 2.50	2.51 TO 5.00	5.01 TO 10.00	10.01 TO 20.00	OVER 20.00	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	58.0	17.1	3.0	6.0	3.7	6.0	3.5	2.1	.5	.2				24.9	433	1.65	5.41	.09
FEB	52.6	17.6	2.6	8.1	3.9	5.1	3.8	3.6	1.8	.5				29.4	394	2.38	6.38	.60
MAR	52.4	13.6	4.5	4.5	3.7	6.0	6.9	5.5	2.7	.2				34.0	403	3.78	7.45	1.57
APR	49.5	13.3	2.6	6.4	3.8	9.0	7.2	5.1	2.6	.5				37.2	390	4.21	0.93	1.58
MAY	48.5	12.4	2.2	8.7	4.5	5.5	9.2	5.7	3.7	.5				39.1	402	5.17	8.96	1.72
JUN	52.6	12.1	2.3	7.2	4.1	6.9	5.9	4.6	3.8	.5				35.4	390	4.20	0.33	.97
JUL	68.9	9.2	2.5	4.0	2.2	4.5	2.2	3.0	3.2	.2				21.9	402	2.66	9.04	.77
AUG	61.6	8.9	1.7	4.7	3.0	4.7	5.2	4.2	6.0	.5				30.0	403	5.12	9.51	.64
SEP	67.9	8.7	2.3	2.8	3.8	2.5	3.6	5.9	2.8	.7				25.4	390	3.97	9.81	1.12
OCT	61.5	8.3	1.2	3.2	3.2	5.1	5.5	4.4	4.1	.5				30.2	434	4.56	9.19	1.76
NOV	54.5	12.9	2.1	6.9	3.3	5.7	4.5	4.5	4.1	.7	.2			32.2	419	4.74	4.98	.68
DEC	55.7	15.5	2.6	6.5	2.1	4.9	3.9	4.4	2.6	.2				29.5	431	3.05	0.24	.45
ANN	56.4	12.3	2.5	5.9	3.4	5.8	5.1	4.4	3.2	.4	.0			30.8	4891	45.43		

LIMITED DUTY STN
SEE CAVEATS

LIMITED DUTY STN
SEE CAVEATS

[illegible] CLIMATE DATA BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 7.4457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 63-73

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
63				.79	1.67	1.59	.53	.91	.28	1.04	1.38	.35	
64	.53	.77	3.42	*1.67	*.68	1.40	.44	1.07	.59	.45	1.28	.45	3.42
65	.54	.68	.50	1.89	1.33	2.26	1.84	3.06	5.69	.31	.39	1.64	5.69
66	.55	2.59	.95	2.34	1.22	1.12	1.67	1.47	2.81	1.33	1.18	.68	2.81
67	.79	1.10	1.38	1.54	2.82	2.66	1.11	.63	1.08	2.10	.79	1.37	2.86
68	.98	1.38	1.05	.66	1.23	.59	.62	.85	1.20	.84	*1.45	*1.96	*1.96
69	*2.37	.74	1.40	1.56	1.16	1.11	1.61	.65	1.80	2.16	.37	.88	*2.37
70	.14	.45	.64	3.14	1.64	1.82	.42	1.66	3.16	1.83	1.49	.63	3.16
71	.65	1.38	1.39	.87	2.45	1.63	.90	.64	.86	1.04	.90	1.74	2.45
72	.68	.77	.61	1.32	.86	.39	2.39	.86	1.50	1.09	2.02	.77	2.39
73	1.06	.49	2.27	1.69	1.89	.44	1.57	.79	1.08				
MEAN	.676	.976	1.356	1.607	1.629	1.383	1.191	1.145	1.823	1.219	1.089	.946	3.227
S.D.	.279	.628	.861	.767	.611	.768	.665	.718	1.554	.640	.535	.512	1.240
TOTAL OBS	307	283	310	329	340	330	341	341	330	310	299	307	3823

NOTE * (BASED ON LESS THAN FULL MONTHS)

LIMITED DUTY STN
SEE CAVEATS

USARETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STA
SEE CAVEATS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 73-87

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73										1.54	3.07	1.36	
74	.90	1.02	1.41	1.10	1.90	1.03	.87	3.19	1.86	1.07	1.64	1.23	3.19
75	1.71	2.67	1.11	1.20	4.34	1.38	1.30	2.29	1.23	.76	.73	.66	4.34
76	.32	1.46	.41	1.22	.91	1.00	3.29	.43	.69	1.48	.76	.42	3.29
77	.50	.84	1.71	1.56	1.44	2.06	.55	1.21	1.59	.87	.87	1.16	2.06
78	.40	.48	2.53	.87	2.39	1.39	1.67	1.43	.70	.64	1.57	.68	2.53
79	.53	1.12	.62	4.22	2.88	.42	1.80	1.92	2.08	1.44	1.10	1.18	4.22
80	.14	1.16	1.00	1.15	.55	.75	.37	2.49	1.60	2.13	.20	.66	2.49
81	.29	.63	.77	.70	2.16	2.81	*1.36	.80	.79	1.55	1.15	.57	2.81
82	2.83	.21	.98	.43	1.18	1.29	.50	2.73	1.12	.78	1.56	4.79	4.79
83	.27	.39	.55	4.48	1.45	1.04	1.70	.49	2.05	4.68	5.72	.92	5.72
84	.51	*1.50	1.40	1.39	.81	.83	1.14	1.89	1.80	1.26	1.46	*1.71	1.89
85	*.76	2.53	1.87	1.71	1.88	4.41	2.01	1.70	.77	1.70	2.65	1.38	4.41
86	.07	.75	.67	.64	*2.17	.67	.40	1.10	2.83	3.75	*.75	*.58	3.75
87	.59	.64											
MEAN	.697	1.069	1.156	1.390	1.824	1.468	1.300	1.667	1.470	1.689	1.729	1.251	3.626
S.D.	.764	.763	.611	1.278	1.048	1.084	.858	.860	.657	1.162	1.427	1.162	1.217
TOTAL OBS	433	394	403	390	402	390	402	403	390	434	419	431	4891

NOTE * (BASED ON LESS THAN FULL MONTHS)

LIMITED DUTY STA
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 63-73

TOTAL MONTHLY PRECIPITATION IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
63				2.91	5.28	4.31	1.95	2.59	.36	1.41	2.00	.66	
64	1.08	2.29	6.49	*4.16	*1.47	3.35	.83	2.01	1.25	.46	2.97	1.08	*27.44
65	2.18	1.49	1.41	5.45	4.60	5.13	8.40	7.84	9.73	.67	1.55	4.89	53.34
66	1.17	5.31	2.45	7.29	4.01	1.53	4.45	2.75	6.33	2.52	3.09	2.10	42.70
67	1.74	1.82	1.86	5.67	7.56	5.68	2.74	.90	4.35	7.77	1.93	4.80	46.42
68	2.21	1.55	4.03	2.36	5.06	2.24	2.23	3.70	4.33	2.18	*7.02	*3.35	*40.21
69	*3.36	2.78	2.53	4.80	2.89	4.93	4.65	1.40	4.64	6.88	.73	3.10	*42.69
70	.32	1.31	3.84	6.16	4.12	6.91	.56	3.46	11.63	5.50	2.65	2.06	50.52
71	1.29	2.71	1.99	2.30	5.52	3.57	2.25	1.61	3.29	3.63	2.74	7.92	38.82
72	.93	1.60	2.12	5.19	1.29	1.52	7.06	3.06	5.67	4.11	6.11	2.29	41.15
73	3.27	1.06	9.17	4.68	5.45	1.69	3.78	1.21	4.72				
MEAN	1.577	2.177	3.589	4.621	4.578	3.915	3.536	2.775	5.118	3.513	2.641	3.211	45.492
S.D.	.977	1.149	2.465	1.039	1.682	2.260	2.468	1.921	3.286	2.547	1.505	2.291	5.637
TOTAL OBS	303	283	310	329	340	330	341	341	330	310	299	307	3823

NOTE * (BASED ON LESS THAN FULL MONTHS)

LIMITED DUTY STN
SEE CAVEATS

USAFETAC
FIS WEATHER SERVICE/MAC

(FROM DAILY OBSERVATIONS)

LIMITED DUTY SLE
SLE CAVEATS

STATION NUMBER: 724467 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 73-87

TOTAL MONTHLY PRECIPITATION IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73										6.87	5.05	3.99	
74	2.67	2.71	4.92	3.87	5.86	2.46	1.21	8.69	5.13	1.79	4.56	3.12	46.99
75	5.41	4.92	3.40	3.38	6.40	4.14	2.29	8.21	4.96	1.76	2.45	2.34	49.66
76	.57	2.12	1.84	4.27	3.69	1.15	3.72	1.03	1.60	3.25	.77	.45	24.46
77	1.16	2.11	4.52	2.57	3.94	7.20	.77	5.37	6.12	2.41	4.47	2.85	43.49
78	.92	1.00	5.40	2.55	4.50	3.05	4.94	4.25	1.70	1.97	6.41	2.11	38.80
79	1.78	2.04	3.33	7.24	7.24	2.04	9.04	5.74	2.39	3.28	2.17	1.81	48.10
80	.32	1.92	3.90	2.64	1.72	.97	.95	4.96	2.84	6.13	.68	.82	27.85
81	.50	1.68	1.99	1.90	8.96	10.33	*5.62	2.20	1.70	5.22	2.02	1.19	*43.51
82	4.99	.60	2.74	1.58	5.24	5.35	.84	9.51	1.46	2.78	3.02	10.24	48.35
83	.46	.63	2.15	10.93	5.16	3.05	3.11	.64	5.95	9.19	14.98	3.46	59.71
84	1.21	*3.81	5.88	5.26	3.25	1.93	1.61	4.64	6.85	5.28	4.61	*5.91	*50.24
85	*2.27	6.38	7.45	5.25	6.05	10.15	2.25	7.59	1.12	4.82	10.39	4.21	*67.93
86	.09	2.61	1.57	3.25	*5.70	2.75	1.20	3.68	9.81	8.19	*2.98	*1.70	*43.53
87	1.39	2.19											
MEAN	1.652	2.378	3.776	4.207	5.168	4.198	2.661	5.116	3.972	4.496	4.737	3.049	43.046
S.D.	1.720	1.626	1.787	2.556	1.934	3.171	2.367	2.836	2.699	2.430	4.023	2.563	11.098
TOTAL OBS	433	394	403	390	402	390	402	403	390	434	419	431	4891

NOTE * (BASED ON LESS THAN FULL MONTHS)

LIMITED DUTY SLE
SLE CAVEATS

LIMITED DUTY STA

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 63-73

			AMOUNTS IN INCHES													
MONTH	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	76.2	15.0	2.6	3.9	1.3	.7			.3					8.8	307	3.8	12.0	TRACE
FEB	67.1	22.6	2.1	4.6	1.8	.7	.4	.4	.4					10.2	283	4.7	10.4	TRACE
MAR	78.4	14.2	1.9	1.9	1.0	1.0	.6	1.0						7.4	310	4.4	16.0	TRACE
APR	97.6	1.2		.3	.6	.3								1.2	330	.7	6.8	.0
MAY	100.0														341	.0	.0	.0
JUN	100.0														330	.0	.0	.0
JUL	100.0														341	.0	.0	.0
AUG	100.0														341	.0	.0	.0
SEP	100.0														330	.0	.0	.0
OCT	99.4	.6													310	TRACE	TRACE	.0
NOV	88.3	9.7		.7	.3	.3	.7							2.0	299	1.5	7.9	.0
DEC	75.8	15.5	3.2	2.9	1.3	.6	.6							8.7	310	3.0	9.7	.0
ANN	90.2	6.6	.8	1.2	.5	.3	.2	.1	.1					3.2	3832	18.1		

LIMITED DUTY STA

SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 73-87

MONTH	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
	AMOUNTS IN INCHES																	
JAN	70.4	15.9	5.1	3.2	2.1	1.4	.5	1.2	.2					13.6	433	6.0	16.9	TRACE
FEB	72.1	14.7	6.9	3.0	1.0	.5	.5	.8		.5				13.2	394	4.7	16.8	.1
MAR	85.6	6.7	2.7	1.0	.7	.2	.5	.2	.2					5.7	403	2.7	11.0	.0
APR	96.4	3.3				.3								.3	390	.2	2.7	.0
MAY	100.0														402	.0	.0	.0
JUN	100.0														390	.0	.0	.0
JUL	100.0														402	.0	.0	.0
AUG	100.0														403	.0	.0	.0
SEP	100.0														390	.0	.0	.0
OCT	99.8	.2													434	TRACE	TRACE	.0
NOV	88.8	10.0	.2	.5				.2	.2					1.2	419	1.3	10.3	.0
DEC	77.5	14.4	3.5	2.3	1.2	.5	.2	.2	.2					8.1	431	3.4	14.4	TRACE
ANN	90.9	5.6	1.5	.8	.4	.2	.1	.2	.1	.0				3.5	4891	18.3		

SEE CAVEATS

SEE CAVEATS

USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 63-73

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
63				.0	.0	.0	.0	.0	.0	.0	.0	2.0	
64	9.4	.7	5.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	9.4
65	3.0	5.9	5.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.9
66	2.9	4.3	1.6	.0	.0	.0	.0	.0	.0	TRACE	1.0	3.0	4.3
67	.1	2.0	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1	2.1
68	.7	2.8	3.3	.0	.0	.0	.0	.0	.0	.0	*TRACE	TRACE	3.3
69	*TRACE	6.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.8	6.6
70	1.7	2.4	5.1	TRACE	.0	.0	.0	.0	.0	.0	.5	3.0	5.1
71	1.0	3.7	1.6	4.3	.0	.0	.0	.0	.0	.0	4.0	.0	4.0
72	.8	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	3.5	1.0	3.5
73	1.9	TRACE	TRACE	1.4	.0	.0	.0	.0	.0				
MEAN	2.39	2.96	2.07	.43	.00	.00	.00	.00	.00	TRACE	1.09	1.50	4.90
S.D.	2.807	2.167	1.955	1.141	.000	.000	.000	.000	.000	.000	1.601	1.467	2.319
TOTAL OBS	307	283	310	330	341	330	341	341	330	310	299	310	3832

NOTE * (BASED ON LESS THAN FULL MONTHS)

SEE CAVEATS

SEE CAVEATS

STATION NUMBER: 724497 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 73-87

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73										TRACE	.0	8.1	
74	.1	.7	6.6	TRACE	.0	.0	.0	.0	.0	.0	4.6	3.2	6.6
75	.2	5.0	5.0	TRACE	.0	.0	.0	.0	.0	.0	10.3	1.4	10.3
76	1.1	1.7	1.4	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.7
77	6.3	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	2.0	6.3
78	3.7	2.6	3.4	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	3.7
79	6.0	.7	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	.7	6.0
80	1.4	11.6	4.4	.7	.0	.0	.0	.0	.0	.0	1.0	TRACE	11.6
81	2.9	4.3	.0	.0	.0	.0	*.0	.0	.0	.0	TRACE	.7	4.3
82	6.9	2.0	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.9
83	2.6	.1	.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.0	2.6
84	5.0	*11.0	.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	*3.0	*11.0
85	*5.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.7	*5.0
86	TRACE	4.7	TRACE	.0	*.0	.0	.0	.0	.0	.0	*TRACE	*TRACE	4.7
87	5.6	2.5											
MEAN	3.22	2.96	1.66	.21	.000	.000	.000	.000	.000	TRACE	1.24	1.92	6.19
S.D.	2.539	3.092	2.331	.749	.000	.000	.000	.000	.000	.000	3.005	2.293	3.281
TOTAL OBS	433	394	403	790	402	390	402	403	390	434	419	431	4891

NOTE * (BASED ON LESS THAN FULL MONTHS)

LIMITED DUTY SET
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

SEE CAVEATS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 63-73

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
63				.0	.0	.0	.0	.0	.0	.0	.0	3.9	
64	12.0	1.2	5.4	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	18.7
65	4.6	7.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	20.7
66	4.6	10.4	1.9	.0	.0	.0	.0	.0	.0	TRACE	1.0	4.8	22.7
67	.1	2.0	1.4	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	9.5
68	2.6	5.7	6.9	.0	.0	.0	.0	.0	.0	.0	*TRACE	TRACE	*15.2
69	*TRACE	8.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.7	*16.3
70	4.0	2.7	16.0	TRACE	.0	.0	.0	.0	.0	.0	.5	3.8	27.0
71	1.3	6.4	3.4	6.8	.0	.0	.0	.0	.0	.0	4.0	.0	21.9
72	1.4	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0	7.9	1.9	13.7
73	3.6	TRACE	TRACE	1.4	.0	.0	.0	.0	.0				
MEAN	3.80	4.65	4.41	.75	.00	.00	.00	.00	.00	TRACE	1.49	3.02	19.17
S.D.	3.459	3.453	5.145	2.052	.000	.000	.000	.000	.000	.000	2.732	3.252	5.677
TOTAL OBS	307	283	310	330	341	330	341	341	330	310	299	310	3832

NOTE * (BASED ON LESS THAN FULL MONTHS)

SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible]
SEE CAVEATS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 73-87

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73										TRACE	.0	14.4	
74	.1	2.?	11.0	TRACE	.0	.0	.0	.0	.0	.0	4.6	3.2	21.1
75	.2	11.0	9.5	TRACE	.0	.0	.0	.0	.0	.0	10.3	1.4	32.4
76	1.1	1.9	1.4	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.4
77	12.5	.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	3.8	17.0
78	9.4	6.7	7.4	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5	26.0
79	18.9	1.?	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	.7	21.0
80	1.6	16.8	4.5	?.7	.0	.0	.0	.0	.0	.0	1.5	TRACE	27.1
81	4.5	5.9	.0	.0	.0	.0	*.0	.0	.0	.0	TRACE	.8	*11.2
82	10.0	4.5	.?	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	14.8
83	3.6	.1	.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	7.7	12.1
84	5.5	*11.3	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	*3.4	*20.5
85	*17.7	1.8	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	*25.5
86	TRACE	5.6	TRACE	.0	*.0	.0	.0	.0	.0	.0	*TRACE	*TRACE	*5.6
87	10.7	3.2											
MEAN	6.01	4.73	2.71	.21	.00	.00	.00	.00	.00	TRACE	1.28	3.36	19.54
S.D.	5.876	4.721	4.017	.749	.000	.000	.000	.000	.000	.000	3.005	4.264	8.532
TOTAL OBS	433	394	403	398	402	390	402	403	390	434	419	431	4891

NOTE * (BASED ON LESS THAN FULL MONTHS)

[illegible]
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

[illegible]
SEE CAVEATS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 63-73

AMOUNTS IN INCHES

MONTH	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	76.1	5.2	9.0	5.2	2.6	1.0	1.0							18.7	310			
FEB	81.6	3.2	6.7	3.5	2.1	2.5	.4							15.2	283			
MAR	91.3		2.9	1.3	.6	1.9	1.9							8.7	310			
APR	98.8		.9		.3									1.2	330			
MAY	100.0														341			
JUN	100.0														330			
JUL	100.0														341			
AUG	100.0														341			
SEP	100.0														330			
OCT	100.0														310			
NOV	97.3	.3	1.3	.7		.3								2.3	300			
DEC	83.2	6.8	6.8	1.3	1.0	.6	.3							10.0	310			
ANN	94.0	1.3	2.3	1.0	.5	.5	.3							4.7	3836			

[illegible]
SEE CAVEATS

STATION NUMBER: 724457 STATION NAME: ST LEONARD WOOD MO PERIOD OF RECORD: 73-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	57.7	7.4	6.0	8.3	4.2	10.9	5.5							34.9	433			
FEB	54.1	16.2	6.1	3.8	4.8	11.9	3.0							29.7	394			
MAR	88.1	5.0	2.2	1.0	.2	2.7	.7							6.9	403			
APR	99.2	.3	.3	.3										.5	390			
MAY	100.0														402			
JUN	100.0														390			
JUL	100.0														402			
AUG	100.0														403			
SEP	100.0														390			
OCT	100.0														434			
NOV	97.4	1.0	.7		.5	.2	.2							1.7	419			
DEC	91.0	7.7	3.5	2.6	1.2	3.5	.7							11.4	431			
ANN	89.8	3.1	1.6	1.3	.9	.4	.8							7.1	4891			

LIMITED DUTY STN
SEE CAVEATS

[illegible]
AIR WEATHER SERVICE/MAC

[illegible] OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 63-73

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
63				0	0	0	0	0	0	0	0	1	
64	9	2	3	0	0	0	0	0	0	0	0	1	9
65	3	4	9	0	0	0	0	0	0	0	0	0	7
66	1	6	1	0	0	0	0	0	0	0	1	5	6
67	1	2	2	0	0	0	0	0	0	0	0	2	2
68	2	4	5	0	0	0	0	0	0	0	0	4	5
69	4	7	0	0	0	0	0	0	0	0	0	7	7
70	7	2	9	0	0	0	0	0	0	0	0	3	9
71	1	4	2	3	0	0	0	0	0	0	1	0	4
72	1	1	0	0	0	0	0	0	0	0	5	1	5
73	3	TRACE	0	1	0	0	0	0	0				
MEAN	3.2	3.2	3.1	.4	.0	.0	.0	.0	.0	.0	.7	2.4	6.2
S.D.	2.781	2.201	3.479	.624	.000	.000	.000	.000	.000	.000	1.567	2.319	2.489
TOTAL OBS	310	283	310	330	341	330	341	341	330	310	300	310	3836

NOTE * (BASED ON LESS THAN FULL MONTHS)

LIMITED DUTY STN
SEE CAVEATS

LIMITED DUTY STN
SEE CAVEATS

PERIOD OF RECORD: 73-87

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73										0	0	8	
74	6	1	7			0	0	0	0	0	3	2	7
75	TRACE	7	7			0	0	0	0	0	10	2	10
76	1		1				0	0	0	0	0	TRACE	2
77	6					0	0	0	0	0	1	2	6
78	4	6	6			0	0	0	0	0	0	1	6
79	5		TRACE		0	0	0	0	0	0	TRACE	TRACE	9
80		10	2		0	0	0	0	0	0	3	TRACE	12
81	2				0	0	*0	0	0	0	TRACE	1	3
82	6	6	TRACE	TRACE		0	0	0	0	0	0	0	6
83	2	TRACE	TRACE		2	0	0	0	0	0	TRACE	6	9
84	5	*11	7		0	0	0	0	0	0	0	*2	*11
85	*6	6	5	0	0	0	0	0	0	0	0	4	6
86	TRACE	5	2	0	*0	2	0	0	0	0	*0	*0	5
87	5	2											
MEAN	4.2	4.7	2.3	.2	.0	.0	.0	.0	.0	.0	1.3	2.2	7.6
S.D.	3.117	3.331	3.146	.455	.000	.000	.000	.000	.000	.000	2.840	2.588	2.833
TOTAL OBS	433	394	403	390	402	390	402	403	390	434	419	431	4691

NOTE * (BASED ON LESS THAN FULL MONTHS)

LIMITED DUTY STN
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WIND
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 66-73

DAILY PEAK GUSTS IN KNOTS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
						-M-O-N-T-H-S-							
66							SE 32	NNW 32	N 22	S 44	NW 38	S 44	
67	SSW 41	SSW 37	SSW 36	S 37	NW 42	W 53	WNW 32	W 39	SW 25	NW 43	NW 26	NW 35	W 53
68	S 25	NW 29	W 38	SW 45	W 41	W 39	32/ 42	21/ 43	25/ 34	31/ 38	20/ 31	24/ 46	24/ 46
69	24/ 36	32/ 34	24* 38	36/ 51	28/ 38	36/ 47	23/ 55	27/ 38	33/ 33	19/ 45	18/ 42	26/ 40	23/ 55
70	20/ 46	33/ 39	16/ 40	26/ 39	22/ 40	30/ 39	21/ 28	22/ 32	31/ 40	16/ 45	25/ 41	26/ 46	20/ 46
71	17/ 36	25/ 52	25/ 55	28/ 42	30/ 45	33/ 51	28/ 41	9/ 25	27/ 31	21/ 34	32/ 33	24/ 49	25/ 55
72	18/ 36	32/ 38	23/ 35	25/ 41	30/ 38	30/ 40	25/ 42	35/ 27	20/ 28	18/ 33	17/ 33	25/ 42	25/ 42
73	26/ 37	21/ 35	22/ 43	28/ 48	19/ 36	21/ 41	30/ 35	28/ 40	32/ 27				
MEAN	36.7	37.0	41.2	43.7	40.0	44.3	38.4	34.5	30.0	40.3	34.9	43.1	48.4
S.D.	6.370	7.659	7.360	4.990	7.000	5.964	8.535	6.481	5.707	5.219	5.757	4.634	5.413
TOTAL OBS	217	196	211	208	216	208	247	247	238	216	209	216	2629

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

LIMITED DUTY STN
SEE CAVEATS

[illegible]
[illegible]
AIR WEATHER SERVICE/MAC

EXTREME VELOCITY OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 73-87

DAILY PEAK GUSTS IN KNOTS
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73										27/ 62	34/ 55	24/ 68	
74	21/ 25	30/ 3[illegible]	[illegible]2/ 40	24/ 48	20/ 37	25/ 45	35/ 30	31/ 37	30/ 29	18/ 31	33/ 37	18/ 38	24/ 48
75	25/ 42	31/ 3[illegible]	27/ 50	27/ 41	36/ 47	22/ 44	25/ 48	26/ 47	23/ 33	20/ 32	28/ 49	19/ 34	27/ 50
76	23/ 36	27/ 50	24* 51	23* 39	22/ 31	32/ 32	24/ 26	30* 32	28/ 31	34/ 22	22/ 34	29/ 37	27/ 56
77	35/ 42	23/ 35	18* 33	27/ 33	31/ 50	28/ 33	36* 18	22/ 40	27/ 40	34/ 30	22/ 40	24/ 37	31/ 50
78	31/ 36	30/ 40	25/ 32	26/ 42	32/ 45	22/ 34	28/ 58	34/ 48	24/ 32	34/ 31	26/ 32	31/ 36	28/ 58
79	35/ 31	1/ 35	18/ 35	24/ 45	20/ 36	25/ 30	21/ 32	25/ 27	31/ 27	26/ 45	29/ 36	31/ 37	24/ 45
80	20/ 44	32/ 40	18/ 37	31/ 39	25/ 29	22/ 28	36* 40	21* 34	34* 33	32* 27	21* 26	34* 25	20/ 44
81	12* 32	31* 29	20/ 32	23/ 36	34/ 27	33/ 32	4/ 28	10/ 25	22/ 25	32/ 29	26/ 49	23* 33	26/ 49
82	26/ 33	24/ 28	23/ 37	25/ 44	19/ 35	19/ 31	28/ 35	3/ 28	21/ 24	28/ 30	27/ 34	27/ 54	27/ 54
83	32/ 35	32/ 26	15/ 30	32/ 30	19/ 36	31/ 30	19/ 22	34/ 30	29/ 31	27/ 30	27/ 29	20/ 27	19/ 36
84	30/ 37	23/ 39	30/ 46	24/ 43	30/ 30	21/ 34	23/ 28	16/ 44	27/ 44	19/ 32	27/ 37	25/ 40	30/ 46
85	33/ 33	14/ 25	22/ 35	27/ 55	21/ 31	27/ 36	29/ 32	32/ 25	30/ 23	22/ 31	18/ 31	28/ 26	27/ 55
86	30* 27	33* 29	21/ 46	27/ 35	21/ 30	30/ 37	29/ 55	22/ 24	31/ 28	18/ 25	31/ 28	29/ 24	29/ 55
87	16/ 48	33/ 29											
MEAN	37.0	35.3	38.2	4[illegible].6	35.7	34.3	36.0	34.1	30.6	33.1	37.8	38.2	49.0
S.D.	6.313	8.346	6.570	6.208	7.364	5.154	12.025	9.343	6.259	10.112	8.358	12.224	6.949
TOTAL OBS	425	383	377	386	400	390	383	394	379	422	410	418	4767

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

LIMITED DUTY STN
SEE CAVEATS

LIMITED DUTY STN
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 63-73

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 100							1.2	1.5					.2
GE 95						2.4	12.0	7.9	.3				2.0
GE 90				.6	.6	18.2	39.3	29.9	8.2	1.9			8.7
GE 85				4.8	14.1	47.0	67.7	55.7	25.5	7.7			19.5
GE 80		.4	2.9	15.5	38.4	74.5	85.9	81.2	43.0	20.0			31.6
GE 75	.3	.7	7.7	38.5	55.4	88.8	96.2	94.7	70.0	31.9	5.0		41.7
GE 70	1.6	1.1	14.5	46.1	72.7	95.5	99.1	97.9	86.4	48.4	12.3	2.6	50.1
GE 65	4.2	4.9	23.9	64.8	86.2	98.8	100.0	99.4	94.5	66.1	27.7	6.5	58.3
GE 60	11.9	10.2	39.4	81.2	95.8	99.7		100.0	98.8	80.6	39.0	14.8	66.0
GE 55	19.4	18.4	51.0	90.9	99.1	100.0			99.4	91.6	53.3	25.5	72.2
GE 50	32.9	33.6	63.5	93.9	100.0				100.0	97.1	66.3	34.5	78.0
GE 45	42.9	47.0	73.5	97.6						100.0	78.7	45.8	83.1
GE 40	56.1	59.7	83.2	100.0							88.7	59.7	86.0
GE 35	66.5	77.0	91.3								96.7	72.9	92.4
GE 30	77.7	86.6	96.8								98.3	86.5	95.7
GE 25	86.6	95.4	99.4								99.0	93.9	98.0
GE 20	93.9	96.6	100.0								100.0	97.7	99.2
GE 15	97.1	99.6										99.4	99.7
GE 10	99.4	100.0										100.0	99.9
GE 5	100.0												100.0
MEAN	41.5	43.7	54.4	68.3	75.0	83.1	87.0	85.4	78.2	69.2	55.2	43.9	65.4
SD	14.419	12.147	13.758	10.514	8.654	6.669	6.385	6.763	8.089	10.564	12.131	13.114	19.358
TOTAL OBS	310	283	310	330	341	330	341	341	330	310	300	310	3836

LIMITED DUTY STN
SEE CAVEATS

LIMITED DUTY STN
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 73-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 105							2.5	.5					.2
GE 100							7.8	3.7					.9
GE 95						1.3	17.7	13.9	2.1				2.9
GE 90					.5	12.8	50.7	33.7	14.4	.9			9.2
GE 85				2.3	8.7	37.9	77.4	63.5	38.0	4.4			18.3
GE 80			3.0	16.7	29.1	67.4	93.5	87.1	53.8	12.9	.7		29.7
GE 75		1.5	9.7	31.3	49.3	86.7	98.8	96.8	69.7	31.1	4.5		39.0
GE 70	.9	4.8	17.6	43.8	72.1	95.2	99.8	99.0	80.5	51.2	14.3	.7	47.6
GE 65	3.8	11.4	27.0	70.3	85.6	99.5	100.0	99.8	91.3	68.2	25.8	6.8	55.7
GE 60	4.4	19.5	42.8	75.9	95.5	100.0		100.0	97.4	82.5	38.7	11.1	63.8
GE 55	11.3	26.9	53.6	84.4	98.3				99.8	90.8	52.3	18.3	68.9
GE 50	20.3	38.8	66.3	91.8	99.5				100.0	96.3	63.8	29.7	74.8
GE 45	30.7	47.7	78.4	96.7	100.0					99.3	77.8	43.9	80.7
GE 40	41.1	60.7	87.1	99.8						100.0	86.4	59.6	85.7
GE 35	53.1	73.6	93.8	100.0							93.3	74.9	93.2
GE 30	70.7	83.8	97.5								98.8	85.6	94.5
GE 25	81.5	91.1	99.3								99.3	91.2	96.7
GE 20	91.9	97.2	100.0								100.0	94.4	98.6
GE 15	95.6	99.0										97.4	99.3
GE 10	97.5	100.0										98.4	99.6
GE 5	99.1											99.1	99.8
GE 0	99.8											99.6	100.0
GE -5	100.0											100.0	100.0
MEAN	36.9	44.4	56.6	67.8	74.0	82.0	89.4	86.7	76.9	66.9	54.7	42.6	65.1
SD	13.703	14.963	13.531	11.366	8.272	6.519	6.749	6.892	9.513	9.832	12.701	13.505	20.514
TOTAL OBS	433	394	403	398	402	390	402	403	390	434	419	431	4891

LIMITED DUTY STN
SEE CAVEATS

LIMITED DUTY STN
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724497 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 63-73

TEMP(F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE	75						.6	5.6	4.1					.9
GE	70						15.5	36.7	28.2	9.4				8.1
GE	65			.3	2.7	9.4	50.9	75.1	58.4	33.6	3.5			20.9
GE	60			1.6	11.5	29.6	76.4	89.7	83.9	53.9	13.9	1.7	.3	31.6
GE	55	.3	.4	2.9	24.2	52.8	90.9	97.1	95.3	70.6	26.3	4.7	1.6	40.7
GE	50	2.6	1.1	6.7	49.7	71.6	96.2	99.4	99.1	88.5	42.9	12.7	2.6	49.1
GE	45	4.5	2.6	19.0	65.6	90.3	100.0	100.0	100.0	96.1	59.4	24.0	7.1	56.8
GE	40	9.7	5.7	31.9	78.8	97.1				98.8	76.4	37.0	12.6	64.3
GE	35	19.4	15.5	45.8	88.5	98.8				99.7	91.3	55.7	23.9	71.4
GE	32	24.5	21.6	52.3	92.7	99.7				100.0	94.2	67.0	32.6	75.1
GE	30	31.3	34.6	63.5	97.1	100.0					97.1	80.3	44.2	80.1
GE	25	44.5	54.8	81.0	100.0						100.0	91.7	63.2	87.0
GE	20	59.0	70.3	91.3								96.3	78.4	91.8
GE	15	75.2	84.8	97.7								97.7	86.8	95.4
GE	10	85.2	92.2	100.0								99.3	93.5	97.7
GE	5	91.3	98.2									100.0	96.6	98.9
GE	0	96.8	99.3										99.0	99.6
GE	-5	98.7	100.0										100.0	99.9
GE	-10	100.0												100.0
MEAN		22.8	25.2	34.2	46.5	54.4	63.6	67.3	65.3	59.4	47.7	37.0	27.5	45.9
SD		12.951	10.873	10.873	9.592	7.664	5.670	5.483	5.892	8.094	9.692	10.206	11.335	18.074
TOTAL OBS		310	287	310	330	341	330	341	341	330	310	300	310	3836

LIMITED DUTY STN
SEE CAVEATS

LIMITED DUTY STN
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724467 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 73-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 85							.2						.0
GE 80						.5	4.7	2.6	.3				.6
GE 75					.2	4.6	23.4	10.2	2.3				3.3
GE 70				.5	2.6	24.6	56.5	40.4	17.7	.9			11.6
GE 65			.7	3.6	14.7	53.3	84.6	73.6	33.6	6.9	.2		22.1
GE 60		.5	2.7	12.6	36.1	76.7	95.8	92.1	52.3	16.6	1.9	.7	31.8
GE 55		1.4	7.9	27.9	59.6	92.6	99.6	98.3	72.6	34.8	10.0	1.9	41.4
GE 50	.2	5.3	15.6	43.6	78.9	96.7	100.0	100.0	87.2	50.7	17.9	3.7	49.3
GE 45	1.4	10.2	25.6	63.3	90.6	100.0			94.4	66.4	28.9	7.8	56.5
GE 40	4.6	19.3	41.2	77.4	97.6				99.5	82.9	44.2	14.6	64.4
GE 35	14.1	32.7	56.6	83.1	99.6				100.0	93.6	62.6	26.0	72.4
GE 30	31.2	35.6	65.2	95.9						95.9	70.4	34.1	75.9
GE 25	38.6	48.2	75.9	98.2	100.0					98.4	80.2	48.0	81.1
GE 20	48.3	62.4	89.6	99.7						99.8	89.7	63.3	87.4
GE 15	61.7	74.1	96.5	100.0						100.0	95.2	78.7	91.9
GE 10	74.6	83.8	98.3								98.6	87.7	95.1
GE 5	82.4	90.9	98.6								99.0	91.6	96.8
GE 0	89.6	95.9	99.3								100.0	95.1	98.3
GE -5	95.2	98.2	99.8									97.2	99.2
GE -10	98.4	99.7	100.0									99.1	99.8
GE -15	99.3	100.0										100.0	99.9
GE -15	100.0												100.0
MEAN	22.6	27.9	37.9	48.7	56.3	64.6	70.2	67.7	59.9	49.6	38.5	27.7	47.5
SD	12.219	13.102	11.272	9.593	7.986	6.551	5.699	5.718	8.864	9.916	11.264	12.401	18.816
TOTAL OBS	433	394	403	399	402	390	402	403	393	434	419	431	4891

LIMITED DUTY STN
SEE CAVEATS

LIMITED DUTY STN
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 63-73

TEMP(F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE	90							.3	.3					.1
GE	85						.9	5.9	5.0					1.0
GE	80					.3	14.2	38.1	28.2	6.7				7.7
GE	75				2.1	8.2	48.5	75.0	56.6	26.4	3.9			19.2
GE	70		.4	1.6	10.6	31.7	77.3	90.9	85.6	50.3	16.5	1.0		32.0
GE	65	.3		5.2	25.2	56.3	92.4	97.9	95.6	71.5	27.7	3.0	.3	41.4
GE	60	1.3	1.1	10.3	41.6	74.8	99.1	100.0	99.7	90.3	47.1	11.3	1.9	50.1
GE	55	3.2	2.8	20.3	63.6	89.1	100.0		100.0	97.3	63.2	24.0	5.8	57.7
GE	50	10.0	6.0	37.1	79.4	97.9				99.1	82.6	37.7	12.9	65.4
GE	45	21.3	15.9	49.3	91.2	100.0				100.0	94.8	56.0	23.2	72.5
GE	40	31.3	31.8	65.2	97.3						99.4	71.3	39.7	79.2
GE	35	44.5	52.3	79.0	100.0						100.0	88.7	53.9	85.7
GE	30	58.1	69.6	89.4								96.0	71.6	90.9
GE	25	69.7	83.0	95.5								98.0	83.2	94.4
GE	20	82.3	91.2	99.7								98.7	91.9	97.1
GE	15	90.6	98.2	100.0								100.0	96.6	98.9
GE	10	95.6	99.3										99.0	99.5
GE	5	98.1	100.0										100.0	99.8
GE	0	99.7												100.0
GE	-5	100.0												100.0
MEAN		32.4	34.6	44.5	57.7	65.0	73.6	77.4	75.6	69.0	56.7	46.4	35.9	55.9
SD		13.124	10.329	11.567	9.290	7.486	5.828	5.475	5.725	7.411	9.236	10.411	11.504	18.356
TOTAL OBS		310	283	310	330	341	330	341	341	330	310	300	310	3836

LIMITED DUTY STN
SEE CAVEATS

LIMITED DUTY STN
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 73-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 95							.5						.0
GE 90						.3	6.2	2.0					.7
GE 85						2.1	18.4	9.9	.6				2.6
GE 80					1.7	17.4	53.5	36.7	14.6	.5			16.2
GE 75				2.6	10.7	44.9	84.6	70.7	31.3	3.9			28.3
GE 70			2.6	13.1	31.3	75.6	96.8	90.8	55.1	13.1	1.2		41.0
GE 65		1.0	6.7	37.7	54.7	92.8	100.0	98.5	71.3	32.3	5.0	.5	48.1
GE 60		4.1	16.9	45.6	75.4	99.2		99.8	85.1	52.8	15.0	2.1	58.8
GE 55	1.6	10.2	25.6	60.3	92.3	100.0		100.0	95.1	68.9	27.2	6.5	66.5
GE 50	4.2	18.3	38.2	79.7	98.0				98.7	84.8	42.2	10.9	73.8
GE 45	9.7	28.7	56.3	89.5	99.6				100.0	94.5	57.8	21.1	80.7
GE 40	24.0	41.1	72.5	97.7	100.0					99.3	71.8	35.3	87.9
GE 35	38.6	55.6	85.6	99.7						100.0	86.4	55.5	94.7
GE 30	53.3	67.3	94.5	100.0							93.8	74.5	98.0
GE 25	66.7	79.2	98.0								98.3	84.5	99.7
GE 20	79.2	88.6	98.5								99.0	89.6	100.1
GE 15	87.3	95.2	99.8								100.0	94.0	97.9
GE 10	94.0	99.0										97.2	99.1
GE 5	97.2	99.7	100.0									97.9	99.6
GE 0	99.3	100.0										99.3	99.9
GE -5	99.8											99.8	100.0
GE -10	100.0											100.0	100.0
MEAN	29.7	36.4	46.8	57.8	65.2	73.5	80.0	77.5	69.6	59.5	46.9	35.4	56.5
SD	12.349	13.310	11.642	9.646	7.393	5.928	5.678	5.647	8.543	8.950	11.264	12.381	19.311
TOTAL OBS	433	394	403	390	402	390	402	403	390	434	419	431	4891

LIMITED DUTY STN
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO

PERIOD OF RECORD: 63-73

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
63				91	91	95	97	97	91	94	76	71	
64	69	59	72	85	89	90	98	102	94	87	79	66	102
65	77	69	68	91	87	90	99	93	88	83	77	70	95
66	56	64	83	81	89	93	100	98	87	84	75	72	100
67	74	75	83	86	91	88	92	92	83	85	67	66	92
68	64	69	82	80	88	91	98	96	85	86	67	56	96
69	62	56	78	84	87	94	101	101	88	91	71	63	101
70	72	69	69	88	86	92	102	97	93	80	71	73	102
71	67	69	80	88	83	98	100	94	98	87	78	74	100
72	65	63	81	89	88	95	97	97	93	86	67	65	97
73	68	64	73	75	83	92	97	101	92				
MEAN	66.9	66.1	76.9	85.2	87.5	92.5	97.4	96.4	90.2	86.3	72.8	67.6	96.3
S.D.	6.262	7.316	5.959	4.475	2.697	2.841	3.355	3.906	4.400	3.945	4.780	5.522	3.500
TOTAL OBS	310	283	310	330	341	330	341	341	330	310	300	310	3836

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

LIMITED DUTY STN
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES = MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 73-87

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73										86	77	70	
74	70	71	87	84	88	94	102	96	86	83	76	63	102
75	66	64	83	86	91	92	98	103	95	89	79	68	103
76	67	78	77	82	84	91	97	95	91	87	72	67	97
77	42	65	79	84	84	94	94	98	96	84	70	63	98
78	58	59	80	83	87	94	98	96	94	87	81	72	98
79	46	63	78	81	90	92	94	92	86	90	74	67	94
80	65	64	70	87	88	97	109	105	98	92	80	67	109
81	70	75	79	86	82	92	*93	90	89	91	72	64	*93
82	55	79	81	80	88	88	93	99	90	86	78	71	99
83	67	70	80	79	82	91	100	101	95	85	73	53	101
84	57	*66	73	84	86	90	95	105	99	79	75	*68	105
85	*43	60	83	83	85	87	94	95	94	79	72	54	95
86	72	78	82	86	*86	96	107	95	91	82	*73	*52	107
87	61	66											
MEAN	61.2	68.3	79.1	83.9	86.3	92.2	98.4	97.7	92.6	85.7	75.3	64.9	100.1
S.D.	9.320	7.052	3.926	2.122	2.927	2.862	5.248	4.715	4.174	4.065	3.497	6.067	4.314
TOTAL OBS	433	394	403	390	402	390	402	403	390	434	419	431	4891

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

LIMITED DUTY STN
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD MO PERIOD OF RECORD: 63-73

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S- JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
63				34	33	56	58	55	44	36	24	-2	
64	2	15	13	29	45	48	52	51	44	29	6	-1	-1
65	-8	0	10	34	41	53	57	49	37	29	13	17	-8
66	-7	9	15	29	32	45	59	51	44	28	18	5	-7
67	3	6	13	31	33	49	49	47	34	28	21	1	1
68	-10	6	16	28	40	50	51	53	49	27	19	0	-10
69	0	19	13	33	40	48	63	57	46	25	18	18	0
70	-6	1	17	30	37	54	53	55	39	32	5	10	-6
71	3	-2	14	30	34	59	52	55	46	42	21	22	-2
72	-3	[illegible]	20	26	45	45	49	56	39	29	26	7	-3
73	7	7	26	25	39	53	63	58	45				
MEAN	-2.3	6.9	15.9	29.9	38.1	50.9	55.1	53.4	42.5	30.5	17.1	7.7	-4.0
S.D.	5.122	6.576	5.043	2.982	4.679	4.482	5.166	3.472	4.547	5.017	7.062	8.718	3.873
TOTAL OBS	310	283	310	330	341	330	341	341	330	310	300	310	3836

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

LIMITED DUTY STN
SEE CAVEATS

[illegible] OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN
SEE CAVEATS

[illegible] PERIOD OF RECORD: 73-87

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

[illegible]	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]										37	23	-2	
74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	53	44	36	27	18	-6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43	52	55	60	41	30	15	6	4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31	52	54	55	45	27	6	-7	-7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43	52	61	61	50	31	8	3	-11
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36	49	64	55	48	32	28	12	-4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	38	51	60	53	44	34	17	2	-8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37	55	63	61	49	28	23	4	-1
[illegible]	[illegible]	[illegible]	[illegible]	37	41	52	*58	54	42	23	19	2	-4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45	51	65	60	41	28	19	16	-3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	46	58	64	35	36	26	-10	-10
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37	59	56	53	41	38	22	*8	-12
[illegible]	[illegible]		[illegible]	[illegible]	44	47	59	56	38	34	21	-1	*-13
			[illegible]	37	*46	55	65	50	52	39	*8	*16	2
[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.7	60.0	56.5	43.8	32.4	19.5	3.6	-5.1
[illegible]	[illegible]	[illegible]	[illegible]	4.718	4.454	3.660	3.796	4.196	4.913	4.733	6.741	8.490	4.702
TOTAL [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	402	403	390	434	419	431	4891

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

LIMITED DUTY STN
SEE CAVEATS

END

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